APPENDIX A
PREVIOUS ENVIRONMENTAL REPORTS

THE TYREE ORGANIZATION, LTD.

FACSIMILE TRANSMITTAL SHEET

TO: Brian Falvey

FROM: LAURIE JODICE 631-249-3150 X 284

FAX NUMBER: 718 482 4098

DATE: 12/28/07

COMPANY:

TOTAL NO. OF PAGES INCLUDING COVER: 5

PHONE NUMBER:

RE: Island Transportation

☐ URGENT X FOR REVIEW ☐ PLEASE COMMENT X PLEASE REPLY ☐ PLEASE RECYCLE

NOTES/COMMENTS:

Here are the test Results

Thanks Laurie

Metro Environmental Services, LLC

4301 Boston Post Rd, Bronx, NY 10466
Phone# 718-652-0200 Fax# 718-652-0333

TIGHTNESS TEST COVER SHEET

Date: 12/21/07

Facility: Island Trans. Corp.
Address: 5700 47th Street, Maspeth, NY

ID/PBS #: 2-190357

Violation #:

Tank Tests

PBS/ID #	Product	System	Rate	Pass/Fail	Log #	Notes
1	Diesel	EZY 3 LP		Pass		

Line Tests

Product	System	Rate	Pass/Fail	LD	Log #	Notes

Vapor Testing

Test Performed	Pass/Fail	Notes
Pressure Decay		
Dry Blockages		
Wet Blockages		
A/L Test		
PV Cap Test		

Misc Info:

Technician: Thomas R. Anderson

Certs:
EZY 3LP & Chek # 72-1691 Exp 07/09
Petrotite #NYM0202041506C EXP 08/08
NYCFD # 61075293 Exp 5/9/09
Weel.Co. # T00148 Exp 8/5/08, Suff.Co. # 158
CT# 1935 Exp 12/31/008, NJ# 207752 Exp 07/31/0

Signature:

Metro Environmental Services, LLC
4301 Boston Post Rd, Bronx, NY 10466
Phone # 718-652-0200 Fax # 718-652-0333

TANK TEST FINAL REPORT

EZY 3 LOCATOR PLUS - Vacuum Test

DATE	12/21/07	ID/PBS #	2-190357
TOTAL TANK VOL.	4000	TANK ID #	1
PRODUCT VOL.	3335	LOCATION	Island Trans Corp.
ULLAGE VOL.	665		5700 47th Street
PRODUCT TYPE	Diesel		Maspeth, NY

THE ACOUSTIC CHARACTERISTIC OF A LEAK REVEALS:

Pass — TIGHT TANK AS OF TEST DATE
This underground storage tank **PASSES** the criteria set forth by the U.S. E.P.A.

ULLAGE (DRY) PORTION LEAK
This underground storage tank **FAILS** the criteria set forth by the U.S. E.P.A.

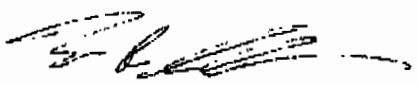
BELOW PRODUCT LEVEL (WET) PORTION LEAK
This underground storage tank **FAILS** the criteria set forth by the U.S. E.P.A.

WATER SENSOR INDICATES:
(CHECK ONLY ONE)

NO H2O INTRUSION: XXX H2O INTRUSION: _____ N/A: _____

OPERATOR INFORMATION:

PRINT NAME: Thomas Anderson

SIGN NAME: 

CERTIFICATION #'s:
EZY 3LP & Chek # 72-1891 Exp 7/09
Petrobbs #NYM0202041506C EX 08/08
NYCFD # 81075283 Exp 5/9/09
WestCo. # T00148 Exp 5/5/08, [illegible].Co. # 158
CT# 1955 Exp 12/31/008. NJ# 20[illegible]152 Exp 07/31/10

METRO ENVIRONMENTAL SERVICES, LLC

4301 Boston Post Rd, Bronx, NY 10466 Phone# 718-652-0200 Fax# 718-652-0333

EZY 3 LOCATOR PLUS — **PRESSURE CALCULATION & WATER SENSOR CALIBRATION**

DATE 12/21/07
TOTAL TANK VOL. 9K
PRODUCT VOL. 3,335
ULLAGE VOL. 665
PRODUCT TYPE DIESEL

PBS# (NEW YORK) 2-
TANK # 1
LOCATION ISLAND TRANS. CORP.
5700 47TH ST.
MASPETH, NY

Tech Sign

Certifications: Thomas Anderson EZY 3 P # 72-1691

PRESSURE SENSOR CALCULATION

53 INCHES of PRODUCT	X	.031 WEIGHT of PRODUCT	=	1.65	0.00 PSI (1)
1 INCHES of WATER in TANK	X	0.036	=	.04	0.00 PSI (2)
Line 1 + Line 2 = Total Positive Head Pressure in Tank			=	1.69	0.00 PSI (3)
35 INCHES of WATER OUTSIDE TANK	X	0.036	=	1.26	0.00 PSI (4)
Total Head Pressure Minus Outside Water Pressure			=	.43	0.00 +/- PSI (5)
Always add .5 PSI **NOTE: If Line 6 is Less than .5 PSI, Line 7 shall be .5 PSI**			+	.50	PSI (6)
TEST PRESSURE			=	.93	+/- PSI (7)

	TIME	PRESSURE	
Blower Started:	6:40	0	
Test Pressure Reached:	6.44	.93	Depth of Groundwater Determined:
Blower Turned Off:	6.49	.98	By: TAPE STICK
Test Began:	6.50	.98	Where: WELL NEXT TO TANK
Test Ended:	6:55	.97	PASS

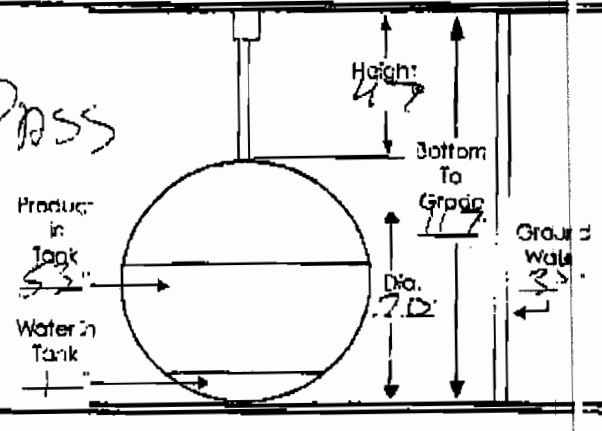
WATER SENSOR CALIBRATION

Added: .50 (Cal #1) .50 (Cal #2) .50 (Cal #3) PASS
Average: .50

Water Intrusion Test Period: Began: 7:11 Ended: 7:27

Calculation for Test Period:

.50 (Ave. Cal) − .3750 = .0932 ("A" Factor) − .05 = .265 × .62 (Min Time of test) = .1558



Metro Environmental Services, LLC
4301 Boston Post Rd, Bronx, NY 10466
Phone# 718-652-0200 Fax# 718-652-0333

TEST SITE: Island Trans Corp. DATE: 12/21/07
ADDRESS: 5700 47TH ST
Maspeth, NY PBS # 49

TECH NAME & CERT #: Thomas Anderson EZY 3LP # 72-1691

TECH SIGNATURE

47TH ST. E N

BLDG

BAYS

D D

DIESEL 4K

M P +

MAP IDENTIFICATION		SUB. MOTOR :	M	4" CAPPED RISER :	4"
WATER LOCATION:	X	VAPOR RECOVERY :	VR	FILL :	+
DISPENSER :	D	BALL FLOAT:	BF	OBS. MON. WELL:	△
MULTI. PROD. DISP.	MPD	INTERSTMAL:	I		
SYPHONED LINE :	SL	TANK PROBE:	P	TANK :	
TANK VENT :	V	STICK FILL :	SF		

****
*** TX REPORT ***
****

TRANSMISSION OK

TX/RX NO	1569
RECIPIENT ADDRESS	917184824098
DESTINATION ID	
ST. TIME	12/28 08:32
TIME USE	00'35
PAGES SENT	6
RESULT	OK

THE TYREE ORGANIZATION, LTD.

FACSIMILE TRANSMITTAL SHEET

TO: Brian Fahey
FROM: LAURIE-JODICE 631-249-3150 x 284

FAX NUMBER: 718-482-4098
DATE: 12/28/07

COMPANY: NYSDEC
TOTAL NO. OF PAGES INCLUDING COVER: 6

PHONE NUMBER:
RE: IBL and Transport

Revised

☐ URGENT X FOR REVIEW ☐ PLEASE COMMENT X PLEASE REPLY ☐ PLEASE RECYCLE

NOTES/COMMENTS:

Larry E. Tyree Co., Inc.
208 Route 109, Farmingdale, NY 11735 · Fax: 631-249-3281 · Phone: 631-249-3150

December 26, 2007

New York State
Department of Environmental Conservation
Bureau of Spill & Response Region 2
47-40 21st Street
Long Island City, NY 11101

Attn: Brian Falvey

RE: 5700 47th Street
Maspeth, NY 11378
Spill No. 07-09978

Dear Mr. Falvey:

The above referenced spill number was generated on December 18, 2007 due to a tank failure. On December 21, 2007,Tyree found the problem was a cross over line that had not been removed from the tank top. We removed line, installed a plug at the fitting, re-tested the tank and it held air pressure for three hours. The tank was then tested by a third party certified testing company (Metro Environmental) on the 21st, December, 2007. The test results supported our find that the tank was tight.

There were no visible signs of petroleum contamination

I will be forwarding the test results as soon as I receive them. If you need additional information, please contact the undersigned.

Thank you.

Sincerely,

Laurie Jodice
Project Manager

Cc: Ray Bedford (Island Transportation)

Member
The Tyree Organization

THE TYREE ORGANIZATION, LTD.

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RE: 5700 47th Street
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I will be forwarding the test results as soon as I receive them. If you need additional information, please contact the undersigned.

Thank you.

Sincerely,

Laurie Jodice
Project Manager

Cc: Ray Bedford (Island Transportation)

Member
The Tyree Organization

FIELD SERVICES DAILY JOB TICKET

JOB LOCATION Island Transportation
5700 47th ST
Maspath Brooklyn

JOB COST # 237722
PREV. WAGE YES/ NO
COUNTY

PROJECT MANAGER Carl
CREW CHIEF Greg H.

DATE: 12/17/07

EMPLOYEE	START TIME	TIME AT SITE	TIME LEFT SITE	TIME AT SHOP	TRV TIME STRAIGHT TIME (DRIVER ONLY)	TOTAL HOURS ON JOB (STRAIGHT TIME)	OVERTIME HOURS
Greg H.	9:00		2:00	3:00		5	
Jay Secr	1		1	1		5	

SCOPE OF WORK/ DELAYS/ PROBLEMS/ COMMENTS/ ADDITIONAL WORK NEEDED Test Tank w/Air (Failed) - check all Leaking in vent or crossover Line - Need To dig up

EXTRA'S NOT IN ORIGINAL SCOPE OF WORK

DRUMS ON SITE

YARDS CONTAMINATED SOIL

CREW CHIEF SIGNATURE

FIELD SERVICES DAILY JOB TICKET

JOB LOCATION Island Trans
47 ST
Brooklyn Maspeth

JOB COST # 237722
PREV. WAGE YES/ NO
COUNTY

PROJECT MANAGER Leo
CREW CHIEF Greg - H.

DATE: 12/20/17

EMPLOYEE	START TIME	TIME AT SITE	TIME LEFT SITE	TIME AT SHOP	TRV TIME STRAIGHT TIME (DRIVER ONLY)	TOTAL HOURS ON JOB (STRAIGHT TIME)	OVERTIME HOURS
Greg - H.	5:30	7:00	2:30	3:30	2	8	
Joe Sacc	1	1	1	1	2	8	

SCOPE OF WORK/ DELAYS/ PROBLEMS/ COMMENTS/ ADDITIONAL WORK NEEDED Saw cut Tank mat 2 - places - dig To Tank Top Find vent - diverse Test vent Line | O.K. Have To continue diggins To find crossover Line - To diverse

EXTRA'S NOT IN ORIGINAL SCOPE OF WORK

DRUMS ON SITE

YARDS CONTAMINATED SOIL

CREW CHIEF SIGNATURE

FIELD SERVICES DAILY JOB TICKET

JOB LOCATION Island Transportation
5700 47th
Maspeth/Brooklyn

JOB COST #237722
PREV. WAGE YES/ NO
COUNTY

PROJECT MANAGER Lori
CREW CHIEF Greg-H.

DATE: 12/21/07

EMPLOYEE	START TIME	TIME AT SITE	TIME LEFT SITE	TIME AT SHOP	TRV TIME STRAIGHT TIME (DRIVER ONLY)	TOTAL HOURS ON JOB (STRAIGHT TIME)	OVERTIME HOURS
Greg-H.	5:30	6:30	2:00	3:00	1	8	
Joe Succ	1	1	1	1	1	8	

SCOPE OF WORK/ DELAYS/ PROBLEMS/ COMMENTS/ ADDITIONAL WORK NEEDED Saw cut
break out 3rd Hole over Tank Top - Find crossover line &
disconnect - Tank Hold pressure 13hrs (good) - back Fill
& barricade

EXTRA'S NOT IN ORIGINAL SCOPE OF WORK

DRUMS ON SITE

YARDS CONTAMINATED SOIL

CREW CHIEF SIGNATURE

FIELD SERVICES DAILY JOB TICKET

JOB LOCATION Island Trans. 3700 47ST Masp Th, Brooklyn

JOB COST # 237722
PREV. WAGE YES/ NO
COUNTY

PROJECT MANAGER Lori
CREW CHIEF Greg H.

DATE: 12/24/07

EMPLOYEE	START TIME	TIME AT SITE	TIME LEFT SITE	TIME AT SHOP	TRV TIME STRAIGHT TIME (DRIVER ONLY)	TOTAL HOURS ON JOB (STRAIGHT TIME)	OVERTIME HOURS
Greg H.						8	
Joe Succ						8	

SCOPE OF WORK/ DELAYS/ PROBLEMS/ COMMENTS/ ADDITIONAL WORK NEEDED Remove cut concrete & pour concrete duct Tank (100 gl
MASSAU concrete 2yds

EXTRA'S NOT IN ORIGINAL SCOPE OF WORK

DRUMS ON SITE

YARDS CONTAMINATED SOIL

CREW CHIEF SIGNATURE

Environmental Management Solutions, Inc.

260 New Vernon Road
Meyersville, New Jersey 07933
(908)604-2291
Fax (908)604-4949

INVESTIGATION SUMMARY REPORT

SPILL #0808170

5700 47TH STREET
MASPETH, NEW YORK

Prepared For:

5700 Maspeth Ave., LLC
5700 47th Street
Maspeth, New York 11378

Prepared By:

Environmental Management Solutions, Inc.
260 New Vernon Road
Meyersville, New Jersey 07933
908-604-2291

Patricia Badding
Project Manager
November 2010

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- 1.2 Scope of Work

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- 3.2 Soil Sampling

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APPENDICES

Appendix A: Figures – Maps
Appendix B: Disposal Documentation
Appendix C: Analytical Data

LIST OF FIGURES

Figure 1 Area Map
Figure 2 Site Map

1.0 INTRODUCTION

1.1 *Purpose of Report*

Environmental Management Solutions, Inc. ("EMS") was retained by 5700 Maspeth Ave., LLC, owner of the subject site, to supervise excavation activities, including the removal of contaminated soils, and assist in evaluating the soil conditions with respect to the possible presence of petroleum-related contamination.

On August 21, 2008, during a New York State Department of Environmental Conservation ("NYSDEC") inspection, staining was observed associated with historic truck parking. The NYSDEC Spill Hotline was notified and Spill #0808170 was assigned.

1.2 *Scope of Work*

Various items were identified and implemented during the scope of this investigation including:

- Field screening and sampling of the excavation,
- Analytical testing of the soil samples obtained,
- An evaluation of the information collected and preparation of a detailed report summarizing excavation activities and the resulting conclusions and recommendations.

The characteristics of the site and surrounding area are summarized in Section 2.0. Soil excavation activities are described in Section 3.0. Analytical results are summarized in Section 4.0. Waste transportation and disposal is discussed in Section 5.0, and an overall summary and interpretation of the observations and analytical results is provided as Section 6.0, the concluding section.

2.0 SITE CHARACTERISTICS

The subject property, currently operating as a trucking company, is located at 5700 47th Street, Maspeth, Kings County, New York. The general location of the site is shown on an

Area Map provided as Figure 1, Appendix A. Located centrally on the property is a building utilized as a garage with office space occupying the front portion of the building. Behind the building is a concrete pad utilized for truck parking. A Site Map illustrating pertinent site features is presented as Figure 2, Appendix A.

The site is situated in a mixed commercial/industrial area. No residences were identified in the immediate vicinity. Topography of the immediate area is relatively flat. The Newtown Creek is located approximately 100 feet to the west of the area of investigation. According to groundwater observed in the excavation the depth to groundwater is estimated to be at seven feet below ground surface.

3.0 SOIL EXCAVATION ACTIVITIES

3.1 Soil Removal

On March 17 through 19, 2010, 351.04 tons of contaminated soil was excavated and stockpiled for disposal. M. P. Howlett, Inc., located in Port Newark, NJ, removed the contaminated soil to MNJ Services, located in Long Pond, PA for proper disposal. Disposal documentation is provided in Appendix B.

3.2 Soil Sampling

Prior to sample collection, a hand-held RAE Systems photoionization detector (PID), was utilized for the screening evaluation of the excavation. The PID is calibrated using both fresh air (zero point) and single sensor calibrations (second point). Single sensor calibration was conducted by applying a known amount of isobutylene reference standard to each sensor. The volatile vapor scan technique is a screening method used to assess the presence of certain potentially hazardous compounds and the necessity for further exploration and analytical testing. Soil samples were obtained by EMS from multiple areas horizontally and vertically, placed into plastic zip-lock bags, allowed to sit for ten minutes then subjected to a head space volatile vapor scan. Soil was removed according to PID measurements.

The depth of the excavation was approximately eight feet below ground surface (fbgs). Groundwater was observed in the excavation and is estimated to be at seven fbgs. There was no bedrock encountered.

Subsequent to the excavation of contaminated soil, a total of five samples were collected around the perimeter of the pit, approximately one foot from the floor of the excavation, where PID readings were the highest. Two samples were collected from the bottom of the excavation. Associated PID readings are included in Table 1. A map of the excavation and sample locations is provided in Figure 2, Appendix A.

After sample collection all samples were sealed, logged, maintained at 4 degrees Celsius and transported to a New York State Department of Health certified laboratory, for analysis. The chain of custody form was generated in the field and accompanied the samples to a NYSDEC certified laboratory in accordance with standard Quality Assurance and Quality Control (QA/QC) measures.

4.0 ANALYTICAL RESULTS

Seven endpoint samples, identified as S-1 through S-7, were obtained from the sidewalls and from the bottom of the excavation. All soil samples were analyzed for STARS List volatile organic compounds (VOCs) using EPA Method 8260B and for STARS List semivolatile organic compounds (SVOCs) by EPA Method 8270C. Soil samples were submitted to Accredited Analytical Resources, a New York State Department of Health certified laboratory for analytical testing.

All VOC sample results were within the Recommended TAGM 4046 Soil Cleanup Objectives (RSCOs) established by the New York State Department of Environmental Conservation. Further there were no compounds detected above the respective laboratory minimum detection limits. All samples exceeded RSCOs for SVOCs. A summary of analytical results and associated cleanup objectives can be found in Table 1. Complete laboratory analysis is included in Appendix C.

TABLE 1
SOIL ANALYTICAL RESULTS
5700 47th Street, Maspeth, Brooklyn

Sample ID	SB-1	SB-2	SB-3	SB-4	SB-5	SB-6	S-7	Limit
PID (ppm)	4.2	9.2	18.6	12.4	3.9	5.9	2.3	
VOC (mg/Kg)								
Benzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.06
Toluene	<0.001	0.001	<0.001	0.002	<0.001	0.003	<0.001	1.5
Ethyl Benzene	<0.001	<0.001	<0.001	<0.001	0.001	0.048	<0.001	5.5
Total-Xylenes	<0.002	<0.002	<0.002	<0.002	0.008	0.210	<0.002	1.2
Isopropylbenzene	<0.001	<0.001	<0.001	<0.001	0.001	0.017	<0.001	2.3
n-Propylbenzene	<0.001	<0.001	<0.001	<0.001	<0.001	0.039	<0.001	3.7
1,3,5-Trimethylbenzene	<0.001	<0.001	0.008	<0.001	0.028	0.170	<0.001	3.3
1,2,4-Trimethylbenzene	<0.001	0.002	0.015	0.002	0.006	0.320	<0.001	10.0
4-Isopropyltoluene	<0.001	<0.001	0.007	<0.001	0.010	0.025	<0.001	10.0
n-Butylbenzene	<0.001	<0.001	<0.001	<0.001	0.011	0.048	<0.001	10.0
t-Butylbenzene	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	10.0
sec-Butylbenzene	<0.001	<0.001	<0.001	<0.001	0.003	0.017	<0.001	10.0
MtBE	<0.001	<0.001	<0.001	<0.001	<0.001	0.002	<0.001	1.2
SVOCs mg/Kg								
Naphthalene	0.050	0.31	0.15	0.08	0.46	1.10	0.09	13.0
Anthracene	<0.037	2.30	0.40	0.26	0.31	0.37	0.20	50.0
Fluorene	<0.037	0.89	0.05	0.04	0.24	0.60	0.06	50.0
Phenanthrene	<0.037	11.0	0.78	0.66	1.00	1.80	0.80	50.0
Pyrene	0.047	15.0	3.20	2.40	1.40	2.10	1.70	50.0
Acenaphthene	<0.037	0.71	0.08	0.05	0.25	0.52	*0.05	50.0
Acenaphthalene	<0.037	1.90	1.10	0.44	0.46	0.41	*0.08	50.0
Benzo(a)anthracene	<0.037	**8.70**	**1.40**	**1.30**	**0.88**	**1.20**	**0.94**	0.224
Fluoranthene	<0.037	18.0	1.90	1.60	1.30	1.80	1.50	50.0
Benzo(b)fluoranthene	0.054	**9.70**	**2.10**	**1.30**	**1.10**	**1.50**	**1.20**	0.220
Benzo(k)fluoranthene	0.038	**5.10**	**1.20**	**1.20**	**0.82**	**0.90**	**0.74**	0.220
Chrysene	0.058	**7.70**	**1.30**	**1.40**	**0.91**	**1.20**	**0.87**	0.400
Benzo(a)pyrene	**0.100**	**7.90**	**1.80**	**1.10**	**1.20**	**1.30**	**1.10**	0.061
Benzo(g,h,I)perylene	0.110	1.40	0.52	0.36	0.46	0.37	0.36	50.0
Ideno(1,2,3-cd)pyrene	0.080	1.50	0.46	0.38	0.42	0.36	0.34	3.20
Dibenz(a,h)anthracene	***0.038***	*0.71*	***0.28***	***0.21***	***0.22***	***0.21***	****0.16***	*0.0143*

VOC-volatile organic compounds **mg/Kg-micrograms per kilogram**
SVOCs – semivolatile organic compounds **Bold – above cleanup criteria**
*** detected below reporting limit and above minimum detection limit**

5.0 WASTE TRANSPORTATION AND DISPOSAL

The petroleum-contaminated soil was transported by M.P. Howlett, Inc., located in Port Newark, NJ to MNJ Services, 108AA Sullivan Trail, Long Pond, PA. Disposal documentation is included in Appendix C.

6.0 CONCLUSIONS AND RECOMMENDATIONS

Soil excavation activities were completed at 5700 47th Street, Maspeth, New York, at the request of, 5700 Maspeth Avenue, LLC, owner of the subject property. The scope of work included removal of a concrete pad, excavation of contaminated soil, soil sample screening and collection, laboratory analysis, and preparation of an Investigation Report summarizing excavation activities, soil sampling and analytical results.

Excavation activities were initiated on March 18, 2010 and completed March 19, 2010. The following observations can be made:

- Approximately 351 tons of petroleum-contaminated soil was removed for disposal associated with historical truck parking activities. Groundwater was observed at approximately seven feet below ground surface in the excavation.
- Seven endpoint soil samples were collected for laboratory analysis. There were no VOC concentrations exceeding RSCOs. All samples exceeded allowable RSCO concentrations for SVOCs.
- There was no collection system encountered or any piping associated with a floor drain in the concrete pad.

Given the above referenced conclusions EMS recommends the installation of a single groundwater monitoring well in the area of the excavation to establish groundwater quality. Should groundwater contamination be confirmed additional monitoring wells should be installed to delineate the extent of groundwatter contamination.

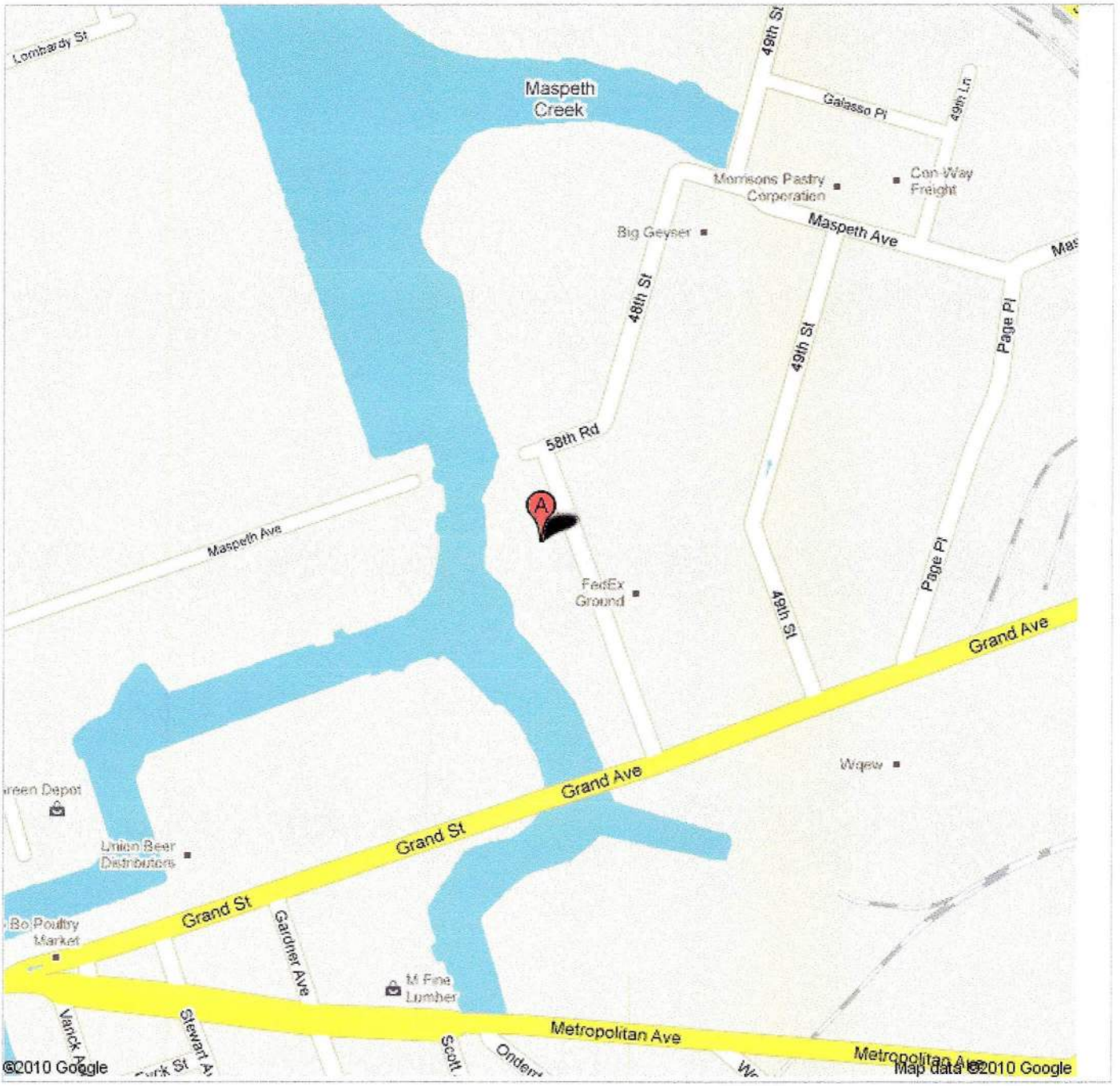
APPENDIX A

FIGURES - MAPS

Print

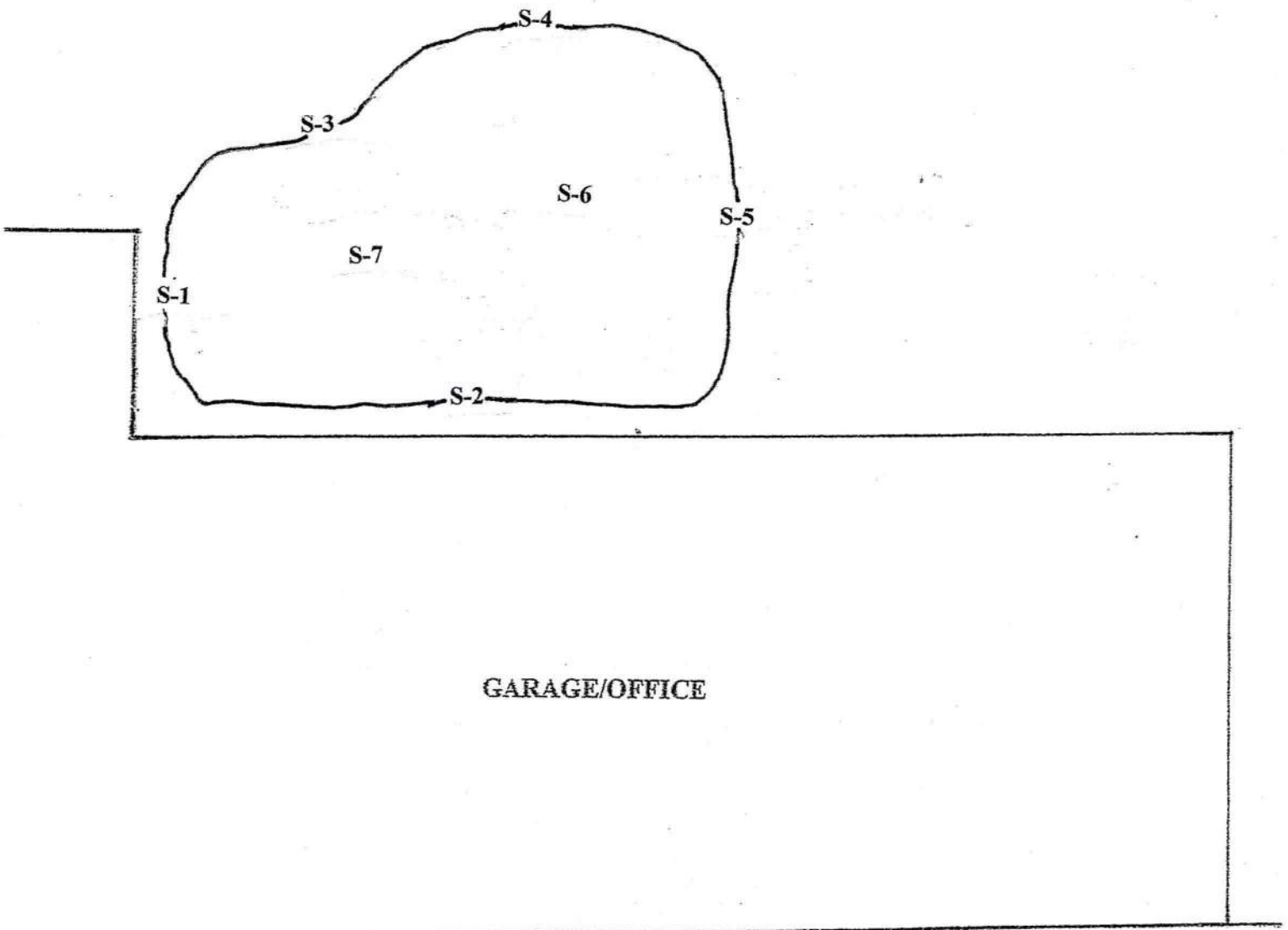
Google maps Address **57-00 47th St**
Queens, NY 11378

Notes FIGURE 1



NEWTOWN CREEK

NORTH



47TH STREET

FIGURE 2		
SITE PLAN		
5700 47TH AVE., MASPETH, NY		
Scale 1" = 10'	Date Drawn: 11/10	Drawn By: PMB

MAP IS SCALED FROM BEHIND BUILDING IN AREA OF EXCAVATION

APPENDIX B

DISPOSAL DOCUMENTATION

MANIFEST

Manifest # 2181 Last Truck (check if yes) ☐ Job # _____

GENERATOR

Generator Name Pebble Lane Assoc. Contractor Name Pebble Lane Assoc.

Address 5700 47th St Address 5700 47th St

Maspeth, Brooklyn, NY. Maspeth, Brooklyn, NY.

Phone No. 516-509-3442 Phone No. ___-___-____

TARE WEIGHT MUST BE INCLUDED

NET WEIGHT 73120 GROSS WEIGHT 109920

NET TONS 36.56 TARE WEIGHT 36800

TICKET NUMBER 127859

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not hazardous waste as defined by 40 CFT Part 261 or any applicable state low, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Robert Guest _____ 03/17/10

Generator Authorized Agent Name Signature Shipment Date

SITE LOCATION

Job Name Pebble Lane Address 5700 47th St Brooklyn

TRANSPORTER

Transporter Name _____ Truck Name Yankee Lake Ent.

Address _____ Truck No. 38

_____ Driver Name (Print) _____

_____ Vehicle License No./State 36085 - TK.

Phone No. _____

I hereby certify that the above named material was picked up at the generator site listed above.

_____ _____

Driver Signature Shipment Date

I hereby certify that the above named material was delivered without incident to the destination.

_____ 03/17/10

Driver Signature Shipment Date

DESTINATION

MNJ Services
108AA Sullivan Trail
Long Pond, PA 18443
1-908-854-0098

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

_____ 03/17/10

Signature Receipt Date

MANIFEST

Manifest # 2182 Last Truck (check if yes) ☐ Job # _____

GENERATOR

Generator Name Pebble Lane Assoc.
Address 5700 47th St.
Maspeth, Brooklyn, NY.
Phone No. 516-509-3442

Contractor Name Pebble Lane Assoc.
Address 5700 47th St
Maspeth, Brooklyn, NY.
Phone No. 516-509-3442

TARE WEIGHT MUST BE INCLUDED

NET WEIGHT 70660 GROSS WEIGHT 106260
NET TONS 35.33 TARE WEIGHT 35600
TICKET NUMBER 127860

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not hazardous waste as defined by 40 CFT Part 261 or any applicable state low, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Robert Guest Robert Guest 03/17/16
Generator Authorized Agent Name Signature Shipment Date

SITE LOCATION

Job Name Pebble Lane
Address 5700 47th St
Brooklyn

TRANSPORTER

Transporter Name _____
Address _____
_____
_____
Phone No. _____

Truck Name Yankee Lake
Truck No. #231
Driver Name (Print) James Hinsdale
Vehicle License No./State 14500 TR

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature Shipment Date

I hereby certify that the above named material was delivered without incident to the destination.

Driver Signature 03/17/16
Shipment Date

DESTINATION

MNJ Services
108AA Sullivan Trail
Long Pond, PA 18443
1-908-854-0098

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Signature 03/17/16
Receipt Date

MANIFEST

Manifest # 2183 Last Truck (check if yes) ☐ Job # _____

GENERATOR

Generator Name Pebble Lane Assoc.
Address 5700 47th St
Maspeth, Brooklyn, N.Y.
Phone No. 516-509-3442

Contractor Name Pebble Lane Assoc.
Address 5700 47th St
Maspeth, Brooklyn, N.Y.
Phone No. 516-509-3442

TARE WEIGHT MUST BE INCLUDED

NET WEIGHT 69500 GROSS WEIGHT 106300
NET TONS 34.75 TARE WEIGHT 36800
TICKET NUMBER 127868

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not hazardous waste as defined by 40 CFT Part 261 or any applicable state low, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Robert Guest
Generator Authorized Agent Name

Signature

Shipment Date 03/17/10

SITE LOCATION

Job Name Pebble Lane
Address 5700 47th St
Brooklyn, N.Y.

TRANSPORTER

Transporter Name _____
Address _____
_____
_____
Phone No. _____

Truck Name Yankee Lake Ent
Truck No. 38
Driver Name (Print)
Vehicle License No./State 368085 TK

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature _____ Shipment Date _____

I hereby certify that the above named material was delivered without incident to the destination.

Driver Signature _____ Shipment Date 03/17/10

DESTINATION

MNJ Services
108AA Sullivan Trail
Long Pond, PA 18443
1-908-854-0098

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Signature

Receipt Date 03/17/10

MANIFEST

Manifest # 2185 Last Truck (check if yes) ☐ Job # _____

GENERATOR

Generator Name Pebble Lane Assoc.
Address 5700 47th St
Maspeth, Brooklyn, N.Y.
Phone No. 516-509-3442

Contractor Name Pebble Lane Assoc.
Address 5700 47th St
Maspeth, Brooklyn, N.Y.
Phone No. 516-509-3442

TARE WEIGHT MUST BE INCLUDED

NET WEIGHT 71000 GROSS WEIGHT 106600
NET TONS 3550 TARE WEIGHT 35600
TICKET NUMBER 127869

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not hazardous waste as defined by 40 CFT Part 261 or any applicable state low, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Robert Quest — Generator Authorized Agent Name
Signature
Shipment Date 03/17/10

SITE LOCATION

Job Name Pebble Lane
Address 5700 47th St
Brooklyn, N.Y.

TRANSPORTER

Transporter Name _____
Address _____
_____
_____
Phone No. _____

Truck Name Yankee Lake Ent.
Truck No. 23
Driver Name (Print) [illegible]
Vehicle License No./State 14500 TR

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature _____ Shipment Date _____

I hereby certify that the above named material was delivered without incident to the destination.

Driver Signature _____ Shipment Date 03/17/10

DESTINATION

MNJ Services
108AA Sullivan Trail
Long Pond, PA 18443
1-908-854-0098

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Signature _____ Receipt Date 03/17/10

MANIFEST

Manifest # 5 | Last Truck (check if yes) ☐ | Job # _____

GENERATOR

Generator Name: Pebble Lane
Address: 5700 47th St
Maspeth, Brooklyn, NY
Phone No. 516-509-3442

Contractor Name: Pebble Lane
Address: 5700 47th St
Maspeth, Brooklyn NY.
Phone No. 516-509-3442

TARE WEIGHT MUST BE INCLUDED

NET WEIGHT 64000 GROSS WEIGHT 99600
NET TONS 32.00 TARE WEIGHT 35600
TICKET NUMBER 127879

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not hazardous waste as defined by 40 CFT Part 261 or any applicable state low, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Robert Quest — Signature — Shipment Date 03/18/10

Generator Authorized Agent Name | Signature | Shipment Date

SITE LOCATION

Job Name: Pebble Lane
Address: 5700 47th St
Brooklyn, NY

TRANSPORTER

Transporter Name: _____
Address: _____

Truck Name: Yankee Cable
Truck No. 23
Driver Name (Print): Tom Hu
Vehicle License No./State 14500 FR

Phone No. _____

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature | Shipment Date

I hereby certify that the above named material was delivered without incident to the destination.

Driver Signature: Tom Hu | Shipment Date: 03/18/10

DESTINATION

MNJ Services
108AA Sullivan Trail
Long Pond, PA 18443
1-908-854-0098

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Signature | Receipt Date: 03/18/10

MANIFEST

Manifest # 6 | Last Truck (check if yes) ☐ | Job # _____

GENERATOR

Generator Name: Pebble Lane
Address: 5700 47th St
Maspeth, Brooklyn, NY.
Phone No. 516-509-3442

Contractor Name: Pebble Lane
Address: 5700 47th St
Maspeth Brooklyn, NY.
Phone No. 516-509-3442

TARE WEIGHT MUST BE INCLUDED

NET WEIGHT 63600 GROSS WEIGHT 100400
NET TONS 31.80 TARE WEIGHT 36800
TICKET NUMBER 127878

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not hazardous waste as defined by 40 CFT Part 261 or any applicable state low, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Robert Guest | Robert Guest | 03/8/10
Generator Authorized Agent Name | Signature | Shipment Date

SITE LOCATION

Job Name: Pebble Lane
Address: 5700 47th St.
Maspeth, Brooklyn NY.

TRANSPORTER

Transporter Name _____
Address _____
_____
_____
Phone No. _____

Truck Name: Yankee Cake
Truck No. 38
Driver Name (Print) [illegible]
Vehicle License No./State 56085 TC

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature | Shipment Date

I hereby certify that the above named material was delivered without incident to the destination.

[illegible] | 03/8/10
Driver Signature | Shipment Date

DESTINATION

MNJ Services
108AA Sullivan Trail
Long Pond, PA 18443
1-908-854-0098

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

[illegible] | 03/8/10
Signature | Receipt Date

MANIFEST

Manifest # 7 | Last Truck (check if yes) ☐ | Job # _____

GENERATOR

Generator Name Pebble Lane 5700 Maspeth Ave LLC.
Address 5700 47th St
Maspeth, Brooklyn, NY.
Phone No. 5 1 6 - 5 0 9 - 3 4 4 2

Contractor Name Pebble Lane
Address 5700 47th St
Maspeth, Brooklyn NY.
Phone No. 5 1 6 - 5 0 9 - 3 4 4 2

TARE WEIGHT MUST BE INCLUDED

NET WEIGHT 82200 GROSS WEIGHT 119000
NET TONS 41.10 TARE WEIGHT 36800
TICKET NUMBER 127909

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not hazardous waste as defined by 40 CFT Part 261 or any applicable state low, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name _____ Signature _____ Shipment Date 0 3 1 8 1 0

SITE LOCATION

Job Name Pebble Lane
Address 5700 47th St.
Brooklyn, NY.

TRANSPORTER

Transporter Name _____
Address _____

Truck Name Yankee Lake
Truck No. 3X
Driver Name (Print) _____
Vehicle License No./State 3604572

Phone No. _____

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature _____ Shipment Date _____

I hereby certify that the above named material was delivered without incident to the destination.

Driver Signature _____ Shipment Date 0 3 1 8 1 0

DESTINATION

MNJ Services
108AA Sullivan Trail
Long Pond, PA 18443
1-908-854-0098

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Signature _____ Receipt Date 0 3 1 8 1 0

MANIFEST

Manifest # 8 | Last Truck (check if yes) ☐ | Job # _____

GENERATOR

Generator Name Pebble Lane 5700 Maspeth Ave. LLC.
Address 5700 47th St.
Maspeth Brooklyn NY.
Phone No. 516-509-3442

Contractor Name Pebble Lane
Address 5700 47th St
Maspeth, Brooklyn NY
Phone No. 516-509-3442

TARE WEIGHT MUST BE INCLUDED

NET WEIGHT 77500 GROSS WEIGHT 113100
NET TONS 38.75 TARE WEIGHT 35600
TICKET NUMBER 127908

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not hazardous waste as defined by 40 CFT Part 261 or any applicable state low, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name _____ Signature _____ Shipment Date 03/18/10

SITE LOCATION

Job Name Pebble Lane
Address 5700 47th St
Brooklyn, NY.

TRANSPORTER

Transporter Name _____
Address _____

Truck Name Yankee Lake
Truck No. 23
Driver Name (Print) Thomas Hemm
Vehicle License No./State [illegible]

Phone No. _____

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature _____ Shipment Date _____

I hereby certify that the above named material was delivered without incident to the destination.

Driver Signature _____ Shipment Date 03/18/10

DESTINATION

MNJ Services
108AA Sullivan Trail
Long Pond, PA 18443
1-908-854-0098

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Signature _____ Receipt Date 03/18/10

MANIFEST

Manifest # 9 Last Truck (check if yes) ☐ Job # _____

GENERATOR

Generator Name Pebble lane 5700 [illegible] LLC
Address 5700 47th St
Brooklyn NY.
Phone No. ☐☐☐-☐☐☐-☐☐☐☐

Contractor Name Pebble Lane
Address 5700 47th St
Brooklyn NY.
Phone No. ☐☐☐-☐☐☐-☐☐☐☐

TARE WEIGHT MUST BE INCLUDED

NET WEIGHT 66,000 GROSS WEIGHT 102800
NET TONS 33 TARE WEIGHT 36800
TICKET NUMBER 127920

I hereby certify that the above named material does not cor[illegible] free liquid as defined by 40 CFR Part 260.10 or any applic[illegible] state law, is not hazardous waste as defined by 40 CFT Part [illegible] or any applicable state low, has been properly described, class[illegible] and packaged, and is in proper condition for transporta[illegible] according to applicable regulations.

Robert Gurof
Generator Authorized Agent Name

Signature

03/19/10
Shipment Date

SITE LOCATION

Job Name Pebble Lane
Address 5700 47th St
brooklyn N.Y.

TRANSPORTER

Transporter Name _____
Address _____
_____
_____
Phone No. _____

Truck Name Yankee Cab
Truck No. 35
Driver Name (Print) [illegible]
Vehicle License No./State [illegible]

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature

Shipment Date

I hereby certify that the above named material was delivered without incident to the destination.

Driver Signature

03/19/10
Shipment Date

DESTINATION

MNJ Services
108AA Sullivan Trail
Long Pond, PA 18443
1-908-854-0098

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Signature

03/19/10
Receipt Date

MANIFEST

Manifest # 10 Last Truck (check if yes) ☐ Job # _____

GENERATOR

Generator Name Pebble Lane 5700 Maspeth LLC
Address 5700 47th St
Brooklyn NY
Phone No. ☐☐☐-☐☐☐-☐☐☐☐

Contractor Name Pebble Lane
Address 5700 47th St
Brooklyn NY
Phone No. ☐☐☐-☐☐☐-☐☐☐☐

TARE WEIGHT MUST BE INCLUDED

NET WEIGHT 64,500 GROSS WEIGHT 100,100
NET TONS 32.25 TARE WEIGHT 35,600
TICKET NUMBER 127919

I hereby certify that the above named material does not co... free liquid as defined by 40 CFR Part 260.10 or any applic... state law, is not hazardous waste as defined by 40 CFT Part ... or any applicable state law, has been properly described, class... and packaged, and is in proper condition for transporta... according to applicable regulations.

Robert Gurrad — Signature — Shipment Date 03/19/10

Generator Authorized Agent Name

SITE LOCATION

Job Name Pebble Lane
Address 5700 47th St
Brooklyn NY

TRANSPORTER

Transporter Name _____
Address _____
_____
_____
Phone No. _____

Truck Name Yankee Lake
Truck No. 23
Driver Name (Print) Tommy Gunn
Vehicle License No./State 14500 JR

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature _____ Shipment Date ☐☐☐☐☐☐

I hereby certify that the above named material was delivered without incident to the destination.

Driver Signature — Shipment Date 03/19/10

DESTINATION

MNJ Services
108AA Sullivan Trail
Long Pond, PA 18443
1-908-854-0098

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Signature — Receipt Date 03/19/10

APPENDIX C

ANALYTICAL REPORTS

Accredited Analytical Resources, LLC

Analytical Data Report

for

Environmental Mgm't Solutions
260 New Vernon Rd
Meyersville, NJ 07933

Project: 5700 47th St, Maspeth,Brooklyn

Accredited Analytical Resources Case No.: 4910
Date Received: 03/19/10

Field ID	Laboratory Sample #
S-1	201001778
S-2	201001779
S-3	201001780
S-4	201001781
S-5	201001782
S-6	201001783
S-7	201001784

Accredited Analytical Resources, LLC New York Certification Number 11109. This data has been reviewed and accepted by:

Daniel S. Miguel
Technical Director

Total Pages 24

ACCREDITED ANALYTICAL RESOURCES, LLC

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- Polynuclear Aromatic Hydrocarbons 16

CHAIN OF CUSTODY FORM

ACCREDITED ANALYTICAL RESOURCES, LLC
20 PERSHING AVENUE
CARTERET, NEW JERSEY 07008
PHONE (732) 969-6112 FAX (732) 541-1383
accreditedanalytical.com

STATE AGENCY NJ NY PA CT DE OTHER _____

CLIENT	EMS
ADDRESS	
CITY	
STATE / ZIP	
PROJECT	5700 47th St., Maspath, Brooklyn
CONTACT	Patty
PHONE	908 604 2291
FAX	4949
E-MAIL	pbedding@msn.com

LABORATORY SAMPLE #	CLIENT FIELD ID	# OF CONTAINERS	MATRIX	PRESERVATIVE	DATE / TIME SAMPLED	SAMPLE DESCRIPTION: GRAB	COMPOSITE	DEPTH	ANALYSIS
1001778	S-1	1	S		3-18-10	✓			STARS VOCs/SVOCs
1001779	S-2								
1001780	S-3								
1001781	S-4				↓				
1001782	S-5				3-19-10				
1001783	S-6				3-18-10				
1001784	S-7	↓	↓		↓	↓			↓

** M = MATRIX CODE: S=SOIL G=SLUDGE O=OIL F=FILTER K=SOLID X=OTHER
GW=GROUND WATER WW=WASTE WATER SW=SURFACE WATER P=POTABLE WATER

TURNAROUND TIME _____ (IF BLANK, STD. 3 WEEKS)

RECIEVED W/ ICE? YES ☑ NO ☐ TEMPERATURE: 4°c

QA/QC DELIVERABLES (circle one): STD NJ REDUCED NJ FULL OTHER : NYASP Cat. A NYASP Cat. B

PRESERVATIVE CODE: 1=HCL 2=HNO_3 3=H_2SO_4 4=$Na_2S_2O_3$ 5=NaOH 6=MeOH 7=OTHER

RELINQUISHED BY: PRINT	RELINQUISHED BY: SIGN	RECEIVED BY: PRINT	RECEIVED BY: SIGN	ORGANIZATION	DATE	TIME	REASON
P Bedding		J. Lavan		AAR	3/19	1340	ANALYSIS

PERSON(S) ASSUMING RESPONSIBILITY FOR SAMPLING: PRINT: P. Bedding SIGN: _____

COMMENTS

AAR QUOTE # _____
AAR CASE # 4910
P.O. # _____

See Reverse for Instructions

ACCREDITED ANALYTICAL RESOURCES, LLC

Methodology Summary

Volatile Organics - EPA 8260B (soil)

An inert gas is purged through a 5 g sample at elevated temperature. Alternatively the soil is extracted with methanol. A portion of extract is spiked into a purging vessel and purged by an inert gas. The vapor is swept through a sorbent column where the purgeables are trapped. After purging is completed, the sorbent column is heated and back-flushed with the inert gas to desorb the purgeables onto a GC column. The GC is temperature programmed to separate the purgeables which are then detected with a mass spectrometer.

Polynuclear Aromatic Hydrocarbons - EPA 8270C (soil)

A 30 gram portion of soil is mixed with anhydrous sodium sulfate and is serially extracted with 1:1 methylene chloride and acetone. The methylene chloride extract is dried and concentrated to a volume of 1 ml. The extract is injected onto a GC and the polynuclear aromatic hydrocarbons are detected with a mass spectrometer.

ACCREDITED ANALYTICAL RESOURCES, LLC

QUALIFIERS
(Organics)

The EPA-defined qualifiers to be used in the organic analysis are as follows:

U - Indicates compound was analyzed for but not detected.

J - Indicates an estimated value. The flag is used under the following circumstances:
- When estimating a concentration in the library search where a 1:1 response is assumed.
- When mass spectral and retention time data indicate the presence of a compound that meets the volatile and semi-volatile GC/MS identification criteria and the result is less than the CRQL but greater than zero.
- When the retention time data indicate the presence of a compound that meets the pesticide/aroclor identification criteria and the result is less than the CRQL but greater than zero.

N - Indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds (TICs), where the identification is based on mass spectral library search.

P - Used for pest/PCB target analyte when there is greater than 25% difference for detected concentrations between the two GC columns (see Form X). The lower of the two values is reported on Form I and flagged with a "P".

B - This flag is used when the analyte is found in the associated blank as well as the sample.

E - This flag identifies compounds whose concentrations exceed instrument calibration range. If one or more compounds have a response exceeding the calibration range the sample or extract must be diluted and re-analyzed according to the specifications in QA/QC requirements. All such compounds will be flagged with an "E" on the Form I. The Form I for the diluted sample shall have the "DL" suffix appended to the sample number and results for compounds flagged with "E" should be taken from "DL" Form I.

D - Indicates results from a diluted sample analysis.

A - This flag indicates that a TIC is a suspected aldol-condensation product.

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER
RICHARD F. DAINES, M.D.

Expires 12:01 AM April 01, 2011
Issued April 01, 2010

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. DANIEL MIGUEL
ACCREDITED ANALYTICAL RESOURCES LLC
20 PERSHING AVENUE
CARTERET, NJ 07008

NY Lab Id No: 11109
EPA Lab Code: NJ00273

is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved subcategories and/or analytes are listed below:

Polychlorinated Biphenyls	
PCB-1242	EPA 8082
PCB-1248	EPA 8082
PCB-1254	EPA 8082
PCB-1260	EPA 8082
Polynuclear Aromatic Hydrocarbons	
Acenaphthene	EPA 8270C
Acenaphthylene	EPA 8270C
Anthracene	EPA 8270C
Benzo(a)anthracene	EPA 8270C
Benzo(a)pyrene	EPA 8270C
Benzo(b)fluoranthene	EPA 8270C
Benzo(ghi)perylene	EPA 8270C
Benzo(k)fluoranthene	EPA 8270C
Chrysene	EPA 8270C
Dibenzo(a,h)anthracene	EPA 8270C
Fluoranthene	EPA 8270C
Fluorene	EPA 8270C
Indeno(1,2,3-cd)pyrene	EPA 8270C
Naphthalene	EPA 8270C
Phenanthrene	EPA 8270C
Pyrene	EPA 8270C
Priority Pollutant Phenols	
2,4,5-Trichlorophenol	EPA 8270C
2,4,6-Trichlorophenol	EPA 8270C
2,4-Dichlorophenol	EPA 8270C
2,4-Dimethylphenol	EPA 8270C
2,4-Dinitrophenol	EPA 8270C

Priority Pollutant Phenols	
2-Chlorophenol	EPA 8270C
2-Methyl-4,6-dinitrophenol	EPA 8270C
2-Methylphenol	EPA 8270C
2-Nitrophenol	EPA 8270C
4-Chloro-3-methylphenol	EPA 8270C
4-Methylphenol	EPA 8270C
4-Nitrophenol	EPA 8270C
Pentachlorophenol	EPA 8270C
Phenol	EPA 8270C
Purgeable Aromatics	
1,2,4-Trimethylbenzene	EPA 8260B
1,2-Dichlorobenzene	EPA 8260B
1,3,5-Trimethylbenzene	EPA 8260B
1,3-Dichlorobenzene	EPA 8260B
1,4-Dichlorobenzene	EPA 8260B
2-Chlorotoluene	EPA 8260B
4-Chlorotoluene	EPA 8260B
Benzene	EPA 8260B
Bromobenzene	EPA 8260B
Chlorobenzene	EPA 8260B
Ethyl benzene	EPA 8260B
Isopropylbenzene	EPA 8260B
n-Butylbenzene	EPA 8260B
n-Propylbenzene	EPA 8260B
p-Isopropyltoluene (P-Cymene)	EPA 8260B
sec-Butylbenzene	EPA 8260B
Styrene	Method Not Specified
tert-Butylbenzene	EPA 8260B

Serial No.: 41665

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.

4

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER
RICHARD F. DAINES, M.D.

Expires 12:01 AM April 01, 2011
Issued April 01, 2010

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. DANIEL MIGUEL
ACCREDITED ANALYTICAL RESOURCES LLC
20 PERSHING AVENUE
CARTERET, NJ 07008

NY Lab Id No: 11109
EPA Lab Code: NJ00273

is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved subcategories and/or analytes are listed below:

Purgeable Aromatics	
Toluene	EPA 8260B
Total Xylenes	EPA 8260B
Purgeable Halocarbons	
1,1,1-Trichloroethane	EPA 8260B
1,1,2,2-Tetrachloroethane	EPA 8260B
1,1,2-Trichloroethane	EPA 8260B
1,1-Dichloroethane	EPA 8260B
1,1-Dichloroethene	EPA 8260B
1,2-Dichloroethane	EPA 8260B
1,2-Dichloropropane	EPA 8260B
2-Chloroethylvinyl ether	EPA 8260B
Bromodichloromethane	EPA 8260B
Bromoform	EPA 8260B
Bromomethane	EPA 8260B
Carbon tetrachloride	EPA 8260B
Chloroethane	EPA 8260B
Chloroform	EPA 8260B
Chloromethane	EPA 8260B
cis-1,3-Dichloropropene	EPA 8260B
Dibromochloromethane	EPA 8260B
Dichlorodifluoromethane	EPA 8260B
Methylene chloride	EPA 8260B
Tetrachloroethene	EPA 8260B
trans-1,3-Dichloropropene	EPA 8260B
Trichloroethene	EPA 8260B
Trichlorofluoromethane	EPA 8260B
Vinyl chloride	EPA 8260B

Purgeable Organics	
2-Butanone (Methylethyl ketone)	Method Not Specified
2-Hexanone	Method Not Specified
4-Methyl-2-Pentanone	EPA 8260B
Acetone	Method Not Specified
Carbon Disulfide	Method Not Specified
Methyl tert-butyl ether	EPA 8260B
tert-butyl alcohol	EPA 8260B
Vinyl acetate	Method Not Specified
Semi-Volatile Organics	
2-Methylnaphthalene	Method Not Specified
Benzoic Acid	Method Not Specified
Benzyl alcohol	Method Not Specified
Dibenzofuran	Method Not Specified
Sample Preparation Methods	
	EPA 1310
	EPA 1311
	EPA 3005A
	EPA 3010A
	EPA 3020A
	EPA 3040A
	EPA 3050B
	EPA 3540C
	EPA 3550B
	EPA 3580
	EPA 3585
	EPA 5030B
	EPA 5035

Serial No.: 41665

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NELAP RECOGNIZED ACCREDITATION BODY

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ACCREDITED ANALYTICAL RESOURCES, LLC
VOLATILE ORGANICS ANALYSIS DATA SHEET

Client Name:	EMS		**CLIENT SAMPLE NO**
Case No.:	4910		S-1
Project:	5700 47th St, Maspeth, Brooklyn		
Matrix: (soil/water)	SOIL	**Lab Sample ID:**	1001778
Sample wt/vol:	5 **Unit:** G	**Lab File ID:**	M8585.D
Level: (low/med)	LOW	**Date Collected:**	03/18/2010
% Moisture:	10.7	**Date Analyzed:**	03/29/2010
GC Column:	Rtx-624 **ID:** 0.18 **(mm)**	**Dilution Factor:**	1
Soil Extract Volume:	1 **(µL)**	**Soil Aliquot Vol(µL):**	1

CAS NO.	COMPOUND	CONC UG/KG	Q	MDL	PQL
71-43-2	Benzene	ND	U	1.1	2.2
108-88-3	Toluene	ND	U	1.1	2.2
100-41-4	Ethylbenzene	ND	U	1.1	2.2
1330-20-7	m,p-Xylene	ND	U	1.1	4.5
95-47-6	o-Xylene	ND	U	1.1	4.5
98-82-8	Isopropylbenzene	ND	U	1.1	2.2
103-65-1	n-Propyl benzene	ND	U	1.1	2.2
108-67-8	1,3,5-Trimethylbenzene	ND	U	1.1	2.2
98-06-6	tert-Butylbenzene	ND	U	1.1	2.2
95-63-6	1,2,4-Trimethylbenzene	ND	U	1.1	2.2
135-98-8	sec-Butylbenzene	ND	U	1.1	2.2
99-87-6	p-Isopropyltoluene	ND	U	1.1	2.2
104-51-8	n-Butylbenzene	ND	U	1.1	2.2
1634-04-4	Methyl t-butyl ether	ND	U	1.1	4.5

J - Indicates estimated value when detected below PQL.
U - Indicates compound analyzed for but not detected.
D - Indicates result is based on a dilution.
B - Indicates compound found in associated blank.
E - Concentration exceeds highest calibration standard.
MDL - Minimum Detection Limit.
PQL - Practical Quantitation Level.

ACCREDITED ANALYTICAL RESOURCES, LLC
VOLATILE ORGANICS ANALYSIS DATA SHEET

Client Name:	EMS
Case No.:	4910
Project:	5700 47th St, Maspeth, Brooklyn

CLIENT SAMPLE NO
S-2

Matrix: (soil/water)	SOIL			**Lab Sample ID:**	1001779
Sample wt/vol:	5	**Unit:**	G	**Lab File ID:**	M8586.D
Level: (low/med)	LOW			**Date Collected:**	03/18/2010
% Moisture:	12.1			**Date Analyzed:**	03/29/2010
GC Column:	Rtx-624	**ID:**	0.18 (mm)	**Dilution Factor:**	1
Soil Extract Volume:	1	**(µL)**		**Soil Aliquot Vol(µL):**	1

CAS NO.	COMPOUND	CONC UG/KG	Q	MDL	PQL
71-43-2	Benzene	ND	U	1.1	2.3
108-88-3	Toluene	1.3	J	1.1	2.3
100-41-4	Ethylbenzene	ND	U	1.1	2.3
1330-20-7	m,p-Xylene	ND	U	1.1	4.6
95-47-6	o-Xylene	ND	U	1.1	4.6
98-82-8	Isopropylbenzene	ND	U	1.1	2.3
103-65-1	n-Propyl benzene	ND	U	1.1	2.3
108-67-8	1,3,5-Trimethylbenzene	ND	U	1.1	2.3
98-06-6	tert-Butylbenzene	ND	U	1.1	2.3
95-63-6	1,2,4-Trimethylbenzene	2	J	1.1	2.3
135-98-8	sec-Butylbenzene	ND	U	1.1	2.3
99-87-6	p-Isopropyltoluene	ND	U	1.1	2.3
104-51-8	n-Butylbenzene	ND	U	1.1	2.3
1634-04-4	Methyl t-butyl ether	ND	U	1.1	4.6

J - Indicates estimated value when detected below PQL.
U - Indicates compound analyzed for but not detected.
D - Indicates result is based on a dilution.
B - Indicates compound found in associated blank.
E - Concentration exceeds highest calibration standard.
MDL - Minimum Detection Limit.
PQL - Practical Quantitation Level.

ACCREDITED ANALYTICAL RESOURCES, LLC
VOLATILE ORGANICS ANALYSIS DATA SHEET

Client Name: EMS
Case No.: 4910
Project: 5700 47th St, Maspeth, Brooklyn

CLIENT SAMPLE NO
S-3

Matrix: (soil/water) SOIL
Sample wt/vol: 5 **Unit:** G
Level: (low/med) LOW
% Moisture: 9
GC Column: Rtx-624 **ID:** 0.18 **(mm)**
Soil Extract Volume: 1 **(µL)**

Lab Sample ID: 1001780
Lab File ID: M8587.D
Date Collected: 03/18/2010
Date Analyzed: 03/29/2010
Dilution Factor: 1
Soil Aliquot Vol(µL): 1

CAS NO.	COMPOUND	CONC UG/KG	Q	MDL	PQL
71-43-2	Benzene	ND	U	1.1	2.2
108-88-3	Toluene	ND	U	1.1	2.2
100-41-4	Ethylbenzene	ND	U	1.1	2.2
1330-20-7	m,p-Xylene	ND	U	1.1	4.4
95-47-6	o-Xylene	ND	U	1.1	4.4
98-82-8	Isopropylbenzene	ND	U	1.1	2.2
103-65-1	n-Propyl benzene	ND	U	1.1	2.2
108-67-8	1,3,5-Trimethylbenzene	8		1.1	2.2
98-06-6	tert-Butylbenzene	ND	U	1.1	2.2
95-63-6	1,2,4-Trimethylbenzene	15		1.1	2.2
135-98-8	sec-Butylbenzene	ND	U	1.1	2.2
99-87-6	p-Isopropyltoluene	6.5		1.1	2.2
104-51-8	n-Butylbenzene	ND	U	1.1	2.2
1634-04-4	Methyl t-butyl ether	ND	U	1.1	4.4

J - Indicates estimated value when detected below PQL.
U - Indicates compound analyzed for but not detected.
D - Indicates result is based on a dilution.
B - Indicates compound found in associated blank.
E - Concentration exceeds highest calibration standard.
MDL - Minimum Detection Limit.
PQL - Practical Quantitation Level.

ACCREDITED ANALYTICAL RESOURCES, LLC
VOLATILE ORGANICS ANALYSIS DATA SHEET

Client Name:	EMS		**CLIENT SAMPLE NO**
Case No.:	4910		S-4
Project:	5700 47th St, Maspeth, Brooklyn		
Matrix: (soil/water)	SOIL	**Lab Sample ID:**	1001781
Sample wt/vol:	5 **Unit:** G	**Lab File ID:**	M8588.D
Level: (low/med)	LOW	**Date Collected:**	03/18/2010
% Moisture:	8.3	**Date Analyzed:**	03/29/2010
GC Column:	Rtx-624 **ID:** 0.18 **(mm)**	**Dilution Factor:**	1
Soil Extract Volume:	1 **(µL)**	**Soil Aliquot Vol(µL):**	1

CAS NO.	COMPOUND	CONC UG/KG	Q	MDL	PQL
71-43-2	Benzene	ND	U	1.1	2.2
108-88-3	Toluene	1.9	J	1.1	2.2
100-41-4	Ethylbenzene	ND	U	1.1	2.2
1330-20-7	m,p-Xylene	ND	U	1.1	4.4
95-47-6	o-Xylene	ND	U	1.1	4.4
98-82-8	Isopropylbenzene	ND	U	1.1	2.2
103-65-1	n-Propyl benzene	ND	U	1.1	2.2
108-67-8	1,3,5-Trimethylbenzene	ND	U	1.1	2.2
98-06-6	tert-Butylbenzene	ND	U	1.1	2.2
95-63-6	1,2,4-Trimethylbenzene	1.6	J	1.1	2.2
135-98-8	sec-Butylbenzene	ND	U	1.1	2.2
99-87-6	p-Isopropyltoluene	ND	U	1.1	2.2
104-51-8	n-Butylbenzene	ND	U	1.1	2.2
1634-04-4	Methyl t-butyl ether	ND	U	1.1	4.4

J - Indicates estimated value when detected below PQL.
U - Indicates compound analyzed for but not detected.
D - Indicates result is based on a dilution.
B - Indicates compound found in associated blank.
E - Concentration exceeds highest calibration standard.
MDL - Minimum Detection Limit.
PQL - Practical Quantitation Level.

ACCREDITED ANALYTICAL RESOURCES, LLC
VOLATILE ORGANICS ANALYSIS DATA SHEET

		CLIENT SAMPLE NO
Client Name:	EMS	
Case No.:	4910	S-5
Project:	5700 47th St, Maspeth, Brooklyn	

Matrix: (soil/water)	SOIL	**Lab Sample ID:**	1001782
Sample wt/vol:	5 **Unit:** G	**Lab File ID:**	M8591.D
Level: (low/med)	LOW	**Date Collected:**	03/19/2010
% Moisture:	13.5	**Date Analyzed:**	03/29/2010
GC Column:	Rtx-624 **ID:** 0.18 **(mm)**	**Dilution Factor:**	1
Soil Extract Volume:	1 **(µL)**	**Soil Aliquot Vol(µL):**	1

CAS NO.	COMPOUND	CONC UG/KG	Q	MDL	PQL
71-43-2	Benzene	ND	U	1.2	2.3
108-88-3	Toluene	ND	U	1.2	2.3
100-41-4	Ethylbenzene	1.2	J	1.2	2.3
1330-20-7	m,p-Xylene	ND	U	1.2	4.6
95-47-6	o-Xylene	8.3		1.2	4.6
98-82-8	Isopropylbenzene	1.2	J	1.2	2.3
103-65-1	n-Propyl benzene	ND	U	1.2	2.3
108-67-8	1,3,5-Trimethylbenzene	28		1.2	2.3
98-06-6	tert-Butylbenzene	ND	U	1.2	2.3
95-63-6	1,2,4-Trimethylbenzene	6.1		1.2	2.3
135-98-8	sec-Butylbenzene	2.8		1.2	2.3
99-87-6	p-Isopropyltoluene	9.5		1.2	2.3
104-51-8	n-Butylbenzene	11		1.2	2.3
1634-04-4	Methyl t-butyl ether	ND	U	1.2	4.6

J - Indicates estimated value when detected below PQL.
U - Indicates compound analyzed for but not detected.
D - Indicates result is based on a dilution.
B - Indicates compound found in associated blank.
E - Concentration exceeds highest calibration standard.
MDL - Minimum Detection Limit.
PQL - Practical Quantitation Level.

ACCREDITED ANALYTICAL RESOURCES, LLC
VOLATILE ORGANICS ANALYSIS DATA SHEET

Client Name:	EMS		**CLIENT SAMPLE NO**
Case No.:	4910		S-6
Project:	5700 47th St, Maspeth, Brooklyn		
Matrix: (soil/water)	SOIL	**Lab Sample ID:**	1001783
Sample wt/vol:	5 **Unit:** G	**Lab File ID:**	M8589.D
Level: (low/med)	LOW	**Date Collected:**	03/18/2010
% Moisture:	26.5	**Date Analyzed:**	03/29/2010
GC Column:	Rtx-624 **ID:** 0.18 **(mm)**	**Dilution Factor:**	1
Soil Extract Volume:	1 **(µL)**	**Soil Aliquot Vol(µL):**	1

CAS NO.	COMPOUND	CONC UG/KG	Q	MDL	PQL
71-43-2	Benzene	ND	U	1.4	2.7
108-88-3	Toluene	2.6	J	1.4	2.7
100-41-4	Ethylbenzene	48		1.4	2.7
1330-20-7	m,p-Xylene	150		1.4	5.4
95-47-6	o-Xylene	61		1.4	5.4
98-82-8	Isopropylbenzene	17		1.4	2.7
103-65-1	n-Propyl benzene	39		1.4	2.7
108-67-8	1,3,5-Trimethylbenzene	170		1.4	2.7
98-06-6	tert-Butylbenzene	ND	U	1.4	2.7
95-63-6	1,2,4-Trimethylbenzene	360	E	1.4	2.7
135-98-8	sec-Butylbenzene	17		1.4	2.7
99-87-6	p-Isopropyltoluene	25		1.4	2.7
104-51-8	n-Butylbenzene	48		1.4	2.7
1634-04-4	Methyl t-butyl ether	1.5	J	1.4	5.4

J - Indicates estimated value when detected below PQL.
U - Indicates compound analyzed for but not detected.
D - Indicates result is based on a dilution.
B - Indicates compound found in associated blank.
E - Concentration exceeds highest calibration standard.
MDL - Minimum Detection Limit.
PQL - Practical Quantitation Level.

ACCREDITED ANALYTICAL RESOURCES, LLC
VOLATILE ORGANICS ANALYSIS DATA SHEET

		CLIENT SAMPLE NO
Client Name:	EMS	
Case No.:	4910	S-6DL
Project:	5700 47th St, Maspeth, Brooklyn	

Matrix: (soil/water)	SOIL			**Lab Sample ID:**	1001783DL
Sample wt/vol:	5	**Unit:** G		**Lab File ID:**	M8607.D
Level: (low/med)	LOW			**Date Collected:**	03/18/2010
% Moisture:	26.5			**Date Analyzed:**	03/30/2010
GC Column:	Rtx-624	**ID:**	0.18 (mm)	**Dilution Factor:**	5
Soil Extract Volume:	1	(µL)		**Soil Aliquot Vol(µL):**	1

CAS NO.	COMPOUND	CONC UG/KG	Q	MDL	PQL
71-43-2	Benzene	ND	U	6.8	14
108-88-3	Toluene	ND	U	6.8	14
100-41-4	Ethylbenzene	ND	U	6.8	14
1330-20-7	m,p-Xylene	ND	U	6.8	27
95-47-6	o-Xylene	ND	U	6.8	27
98-82-8	Isopropylbenzene	ND	U	6.8	14
103-65-1	n-Propyl benzene	ND	U	6.8	14
108-67-8	1,3,5-Trimethylbenzene	ND	U	6.8	14
98-06-6	tert-Butylbenzene	ND	U	6.8	14
95-63-6	1,2,4-Trimethylbenzene	320	D	6.8	14
135-98-8	sec-Butylbenzene	ND	U	6.8	14
99-87-6	p-Isopropyltoluene	ND	U	6.8	14
104-51-8	n-Butylbenzene	ND	U	6.8	14
1634-04-4	Methyl t-butyl ether	ND	U	6.8	27

J - Indicates estimated value when detected below PQL.
U - Indicates compound analyzed for but not detected.
D - Indicates result is based on a dilution.
B - Indicates compound found in associated blank.
E - Concentration exceeds highest calibration standard.
MDL - Minimum Detection Limit.
PQL - Practical Quantitation Level.

ACCREDITED ANALYTICAL RESOURCES, LLC
VOLATILE ORGANICS ANALYSIS DATA SHEET

Client Name: EMS
Case No.: 4910
Project: 5700 47th St, Maspeth, Brooklyn

CLIENT SAMPLE NO
S-7

Matrix: (soil/water) SOIL
Sample wt/vol: 5 **Unit:** G
Level: (low/med) LOW
% Moisture: 27.9
GC Column: Rtx-624 **ID:** 0.18 **(mm)**
Soil Extract Volume: 1 **(µL)**

Lab Sample ID: 1001784
Lab File ID: M8606.D
Date Collected: 03/18/2010
Date Analyzed: 03/30/2010
Dilution Factor: 1
Soil Aliquot Vol(µL): 1

CAS NO.	COMPOUND	CONC UG/KG	Q	MDL	PQL
71-43-2	Benzene	ND	U	1.4	2.8
108-88-3	Toluene	ND	U	1.4	2.8
100-41-4	Ethylbenzene	ND	U	1.4	2.8
1330-20-7	m,p-Xylene	ND	U	1.4	5.6
95-47-6	o-Xylene	ND	U	1.4	5.6
98-82-8	Isopropylbenzene	ND	U	1.4	2.8
103-65-1	n-Propyl benzene	ND	U	1.4	2.8
108-67-8	1,3,5-Trimethylbenzene	ND	U	1.4	2.8
98-06-6	tert-Butylbenzene	ND	U	1.4	2.8
95-63-6	1,2,4-Trimethylbenzene	ND	U	1.4	2.8
135-98-8	sec-Butylbenzene	ND	U	1.4	2.8
99-87-6	p-Isopropyltoluene	ND	U	1.4	2.8
104-51-8	n-Butylbenzene	ND	U	1.4	2.8
1634-04-4	Methyl t-butyl ether	ND	U	1.4	5.6

J - Indicates estimated value when detected below PQL.
U - Indicates compound analyzed for but not detected.
D - Indicates result is based on a dilution.
B - Indicates compound found in associated blank.
E - Concentration exceeds highest calibration standard.
MDL - Minimum Detection Limit.
PQL - Practical Quantitation Level.

ACCREDITED ANALYTICAL RESOURCES, LLC
VOLATILE ORGANICS ANALYSIS DATA SHEET

Client Name: EMS
Case No.: 4910
Project: 5700 47th St, Maspeth, Brooklyn

CLIENT SAMPLE NO
VBLKM85

Matrix: (soil/water) SOIL
Sample wt/vol: 5 **Unit:** G
Level: (low/med) LOW
% Moisture: 0
GC Column: Rtx-624 **ID:** 0.18 **(mm)**
Soil Extract Volume: 1 **(µL)**

Lab Sample ID: VBLKM85
Lab File ID: M8579.D
Date Collected:
Date Analyzed: 03/29/2010
Dilution Factor: 1
Soil Aliquot Vol(µL): 1

CAS NO.	COMPOUND	CONC UG/KG	Q	MDL	PQL
71-43-2	Benzene	ND	U	1	2
108-88-3	Toluene	ND	U	1	2
100-41-4	Ethylbenzene	ND	U	1	2
1330-20-7	m,p-Xylene	ND	U	1	4
95-47-6	o-Xylene	ND	U	1	4
98-82-8	Isopropylbenzene	ND	U	1	2
103-65-1	n-Propyl benzene	ND	U	1	2
108-67-8	1,3,5-Trimethylbenzene	ND	U	1	2
98-06-6	tert-Butylbenzene	ND	U	1	2
95-63-6	1,2,4-Trimethylbenzene	ND	U	1	2
135-98-8	sec-Butylbenzene	ND	U	1	2
99-87-6	p-Isopropyltoluene	ND	U	1	2
104-51-8	n-Butylbenzene	ND	U	1	2
1634-04-4	Methyl t-butyl ether	ND	U	1	4

J - Indicates estimated value when detected below PQL.
U - Indicates compound analyzed for but not detected.
D - Indicates result is based on a dilution.
B - Indicates compound found in associated blank.
E - Concentration exceeds highest calibration standard.
MDL - Minimum Detection Limit.
PQL - Practical Quantitation Level.

ACCREDITED ANALYTICAL RESOURCES, LLC
VOLATILE ORGANICS ANALYSIS DATA SHEET

Client Name: EMS
Case No.: 4910
Project: 5700 47th St, Maspeth, Brooklyn

CLIENT SAMPLE NO
VBLKM86

Matrix: (soil/water) SOIL
Sample wt/vol: 5 **Unit:** G
Level: (low/med) LOW
% Moisture: 0
GC Column: Rtx-624 **ID:** 0.18 **(mm)**
Soil Extract Volume: 1 **(µL)**

Lab Sample ID: VBLKM86
Lab File ID: M8602.D
Date Collected:
Date Analyzed: 03/30/2010
Dilution Factor: 1
Soil Aliquot Vol(µL): 1

CAS NO.	COMPOUND	CONC UG/KG	Q	MDL	PQL
71-43-2	Benzene	ND	U	1	2
108-88-3	Toluene	ND	U	1	2
100-41-4	Ethylbenzene	ND	U	1	2
1330-20-7	m,p-Xylene	ND	U	1	4
95-47-6	o-Xylene	ND	U	1	4
98-82-8	Isopropylbenzene	ND	U	1	2
103-65-1	n-Propyl benzene	ND	U	1	2
108-67-8	1,3,5-Trimethylbenzene	ND	U	1	2
98-06-6	tert-Butylbenzene	ND	U	1	2
95-63-6	1,2,4-Trimethylbenzene	ND	U	1	2
135-98-8	sec-Butylbenzene	ND	U	1	2
99-87-6	p-Isopropyltoluene	ND	U	1	2
104-51-8	n-Butylbenzene	ND	U	1	2
1634-04-4	Methyl t-butyl ether	ND	U	1	4

J - Indicates estimated value when detected below PQL.
U - Indicates compound analyzed for but not detected.
D - Indicates result is based on a dilution.
B - Indicates compound found in associated blank.
E - Concentration exceeds highest calibration standard.
MDL - Minimum Detection Limit.
PQL - Practical Quantitation Level.

ACCREDITED ANALYTICAL RES, LLC
SEMIVOLATILES ORGANICS ANALYSIS DATA SHEET

Client Name: EMS
Case No.: 4910
Project: 5700 47th St, Maspeth, Brooklyn

CLIENT SAMPLE NO
S-1

Matrix: (soil/water) SOIL
Sample wt/vol: 30 **Unit:** G
Level: (low/med) LOW
% Moisture: 10.7
Concentrated Extract Volume: 1000 (µL)

GPC Cleanup: (Y/N) N

Lab Sample ID: 1001778
Lab File ID: B4138.D
Date Collected: 03/18/2010
Date Extracted 03/23/2010
Date Analyzed: 03/23/2010
Dilution Factor: 1
Extraction: (Type)

CAS NO.	COMPOUND	CONC UG/KG	Q	MDL	PQL
91-20-3	Naphthalene	50	J	37	190
208-96-8	Acenaphthylene	ND	U	37	190
83-32-9	Acenaphthene	ND	U	37	190
86-73-7	Fluorene	ND	U	37	190
85-01-8	Phenanthrene	ND	U	37	190
120-12-7	Anthracene	ND	U	37	190
206-44-0	Fluoranthene	ND	U	37	190
129-00-0	Pyrene	47	J	37	190
56-55-3	Benzo[a]anthracene	ND	U	37	190
218-01-9	Chrysene	58	J	37	190
205-99-2	Benzo[b]fluoranthene	54	J	37	190
207-08-9	Benzo[k]fluoranthene	38	J	37	190
50-32-8	Benzo[a]pyrene	100	J	37	190
193-39-5	Indeno[1,2,3-cd]pyrene	80	J	37	190
53-70-3	Dibenz[a,h]anthracene	38	J	37	190
191-24-2	Benzo[g,h,i]perylene	110	J	37	190

J - Indicates estimated value when detected below PQL.
U - Indicates compound analyzed for but not detected.
D - Indicates result is based on a dilution.
B - Indicates compound found in associated blank.
E - Concentration exceeds highest calibration standard.
MDL - Minimum Detection Limit.
PQL - Practical Quantitation Level.

ACCREDITED ANALYTICAL RES, LLC
SEMIVOLATILES ORGANICS ANALYSIS DATA SHEET

Client Name:	EMS		**CLIENT SAMPLE NO**
Case No.:	4910		S-2
Project:	5700 47th St, Maspeth, Brooklyn		
Matrix: (soil/water)	SOIL	**Lab Sample ID:**	1001779
Sample wt/vol:	30 **Unit:** G	**Lab File ID:**	B4145.D
Level: (low/med)	LOW	**Date Collected:**	03/18/2010
% Moisture:	12.1	**Date Extracted**	03/23/2010
Concentrated Extract Volume:	1000 (µL)	**Date Analyzed:**	03/23/2010
		Dilution Factor:	1
GPC Cleanup: (Y/N)	N	**Extraction: (Type)**	

CAS NO.	COMPOUND	CONC UG/KG	Q	MDL	PQL
91-20-3	Naphthalene	310		38	190
208-96-8	Acenaphthylene	1900		38	190
83-32-9	Acenaphthene	710		38	190
86-73-7	Fluorene	890		38	190
85-01-8	Phenanthrene	7200	E	38	190
120-12-7	Anthracene	2300		38	190
206-44-0	Fluoranthene	12000	E	38	190
129-00-0	Pyrene	16000	E	38	190
56-55-3	Benzo[a]anthracene	7900	E	38	190
218-01-9	Chrysene	5200	E	38	190
205-99-2	Benzo[b]fluoranthene	9400	E	38	190
207-08-9	Benzo[k]fluoranthene	4600	E	38	190
50-32-8	Benzo[a]pyrene	6500	E	38	190
193-39-5	Indeno[1,2,3-cd]pyrene	1500		38	190
53-70-3	Dibenz[a,h]anthracene	710		38	190
191-24-2	Benzo[g,h,i]perylene	1400		38	190

J - Indicates estimated value when detected below PQL.
U - Indicates compound analyzed for but not detected.
D - Indicates result is based on a dilution.
B - Indicates compound found in associated blank.
E - Concentration exceeds highest calibration standard.
MDL - Minimum Detection Limit.
PQL - Practical Quantitation Level.

ACCREDITED ANALYTICAL RES, LLC
SEMIVOLATILES ORGANICS ANALYSIS DATA SHEET

Client Name:	EMS		**CLIENT SAMPLE NO**
Case No.:	4910		S-2DL
Project:	5700 47th St, Maspeth, Brooklyn		
Matrix: (soil/water)	SOIL	**Lab Sample ID:**	1001779DL
Sample wt/vol:	30 **Unit:** G	**Lab File ID:**	B4162.D
Level: (low/med)	LOW	**Date Collected:**	03/18/2010
% Moisture:	12.1	**Date Extracted**	03/23/2010
Concentrated Extract Volume:	1000 (µL)	**Date Analyzed:**	03/26/2010
		Dilution Factor:	5
GPC Cleanup: (Y/N)	N	**Extraction: (Type)**	

CAS NO.	COMPOUND	CONC UG/KG	Q	MDL	PQL
91-20-3	Naphthalene	380	JD	190	950
208-96-8	Acenaphthylene	2600	D	190	950
83-32-9	Acenaphthene	800	JD	190	950
86-73-7	Fluorene	960	D	190	950
85-01-8	Phenanthrene	11000	D	190	950
120-12-7	Anthracene	3200	D	190	950
206-44-0	Fluoranthene	18000	D	190	950
129-00-0	Pyrene	15000	D	190	950
56-55-3	Benzo[a]anthracene	8700	D	190	950
218-01-9	Chrysene	7700	D	190	950
205-99-2	Benzo[b]fluoranthene	9700	D	190	950
207-08-9	Benzo[k]fluoranthene	5100	D	190	950
50-32-8	Benzo[a]pyrene	7900	D	190	950
193-39-5	Indeno[1,2,3-cd]pyrene	1500	D	190	950
53-70-3	Dibenz[a,h]anthracene	610	JD	190	950
191-24-2	Benzo[g,h,i]perylene	1200	D	190	950

J - Indicates estimated value when detected below PQL.
U - Indicates compound analyzed for but not detected.
D - Indicates result is based on a dilution.
B - Indicates compound found in associated blank.
E - Concentration exceeds highest calibration standard.
MDL - Minimum Detection Limit.
PQL - Practical Quantitation Level.

ACCREDITED ANALYTICAL RES, LLC
SEMIVOLATILES ORGANICS ANALYSIS DATA SHEET

Client Name:	EMS		**CLIENT SAMPLE NO**
Case No.:	4910		S-3
Project:	5700 47th St, Maspeth, Brooklyn		
Matrix: (soil/water)	SOIL	**Lab Sample ID:**	1001780
Sample wt/vol:	30 **Unit:** G	**Lab File ID:**	B4146.D
Level: (low/med)	LOW	**Date Collected:**	03/18/2010
% Moisture:	9	**Date Extracted**	03/23/2010
Concentrated Extract Volume:	1000 (µL)	**Date Analyzed:**	03/23/2010
		Dilution Factor:	1
GPC Cleanup: (Y/N)	N	**Extraction: (Type)**	

CAS NO.	COMPOUND	CONC UG/KG	Q	MDL	PQL
91-20-3	Naphthalene	150	J	37	180
208-96-8	Acenaphthylene	1100		37	180
83-32-9	Acenaphthene	77	J	37	180
86-73-7	Fluorene	54	J	37	180
85-01-8	Phenanthrene	780		37	180
120-12-7	Anthracene	400		37	180
206-44-0	Fluoranthene	1900		37	180
129-00-0	Pyrene	3200		37	180
56-55-3	Benzo[a]anthracene	1400		37	180
218-01-9	Chrysene	1300		37	180
205-99-2	Benzo[b]fluoranthene	2100		37	180
207-08-9	Benzo[k]fluoranthene	1200		37	180
50-32-8	Benzo[a]pyrene	1800		37	180
193-39-5	Indeno[1,2,3-cd]pyrene	460		37	180
53-70-3	Dibenz[a,h]anthracene	280		37	180
191-24-2	Benzo[g,h,i]perylene	520		37	180

J - Indicates estimated value when detected below PQL.
U - Indicates compound analyzed for but not detected.
D - Indicates result is based on a dilution.
B - Indicates compound found in associated blank.
E - Concentration exceeds highest calibration standard.
MDL - Minimum Detection Limit.
PQL - Practical Quantitation Level.

ACCREDITED ANALYTICAL RES, LLC
SEMIVOLATILES ORGANICS ANALYSIS DATA SHEET

Client Name: EMS
Case No.: 4910
Project: 5700 47th St, Maspeth, Brooklyn

CLIENT SAMPLE NO
S-4

Matrix: (soil/water) SOIL
Sample wt/vol: 30 **Unit:** G
Level: (low/med) LOW
% Moisture: 8.3
Concentrated Extract Volume: 1000 (µL)

GPC Cleanup: (Y/N) N

Lab Sample ID: 1001781
Lab File ID: B4147.D
Date Collected: 03/18/2010
Date Extracted 03/23/2010
Date Analyzed: 03/23/2010
Dilution Factor: 1
Extraction: (Type)

CAS NO.	COMPOUND	CONC UG/KG	Q	MDL	PQL
91-20-3	Naphthalene	83	J	36	180
208-96-8	Acenaphthylene	440		36	180
83-32-9	Acenaphthene	46	J	36	180
86-73-7	Fluorene	42	J	36	180
85-01-8	Phenanthrene	660		36	180
120-12-7	Anthracene	260		36	180
206-44-0	Fluoranthene	1600		36	180
129-00-0	Pyrene	2400		36	180
56-55-3	Benzo[a]anthracene	1300		36	180
218-01-9	Chrysene	1400		36	180
205-99-2	Benzo[b]fluoranthene	1300		36	180
207-08-9	Benzo[k]fluoranthene	1200		36	180
50-32-8	Benzo[a]pyrene	1100		36	180
193-39-5	Indeno[1,2,3-cd]pyrene	380		36	180
53-70-3	Dibenz[a,h]anthracene	210		36	180
191-24-2	Benzo[g,h,i]perylene	360		36	180

J - Indicates estimated value when detected below PQL.
U - Indicates compound analyzed for but not detected.
D - Indicates result is based on a dilution.
B - Indicates compound found in associated blank.
E - Concentration exceeds highest calibration standard.
MDL - Minimum Detection Limit.
PQL - Practical Quantitation Level.

ACCREDITED ANALYTICAL RES, LLC
SEMIVOLATILES ORGANICS ANALYSIS DATA SHEET

Client Name: EMS
Case No.: 4910
Project: 5700 47th St, Maspeth, Brooklyn

CLIENT SAMPLE NO
S-5

Matrix: (soil/water) SOIL
Sample wt/vol: 30 **Unit:** G
Level: (low/med) LOW
% Moisture: 13.5
Concentrated Extract Volume: 1000 (µL)

GPC Cleanup: (Y/N) N

Lab Sample ID: 1001782
Lab File ID: B4139.D
Date Collected: 03/19/2010
Date Extracted 03/23/2010
Date Analyzed: 03/23/2010
Dilution Factor: 1
Extraction: (Type)

CAS NO.	COMPOUND	CONC UG/KG	Q	MDL	PQL
91-20-3	Naphthalene	460		38	190
208-96-8	Acenaphthylene	460		38	190
83-32-9	Acenaphthene	250		38	190
86-73-7	Fluorene	240		38	190
85-01-8	Phenanthrene	1000		38	190
120-12-7	Anthracene	310		38	190
206-44-0	Fluoranthene	1300		38	190
129-00-0	Pyrene	1400		38	190
56-55-3	Benzo[a]anthracene	880		38	190
218-01-9	Chrysene	910		38	190
205-99-2	Benzo[b]fluoranthene	1100		38	190
207-08-9	Benzo[k]fluoranthene	820		38	190
50-32-8	Benzo[a]pyrene	1200		38	190
193-39-5	Indeno[1,2,3-cd]pyrene	420		38	190
53-70-3	Dibenz[a,h]anthracene	220		38	190
191-24-2	Benzo[g,h,i]perylene	460		38	190

J - Indicates estimated value when detected below PQL.
U - Indicates compound analyzed for but not detected.
D - Indicates result is based on a dilution.
B - Indicates compound found in associated blank.
E - Concentration exceeds highest calibration standard.
MDL - Minimum Detection Limit.
PQL - Practical Quantitation Level.

ACCREDITED ANALYTICAL RES, LLC
SEMIVOLATILES ORGANICS ANALYSIS DATA SHEET

Client Name: EMS
Case No.: 4910
Project: 5700 47th St, Maspeth, Brooklyn

CLIENT SAMPLE NO
S-6

Matrix: (soil/water) SOIL
Sample wt/vol: 30 **Unit:** G
Level: (low/med) LOW
% Moisture: 26.5
Concentrated Extract Volume: 1000 (µL)

GPC Cleanup: (Y/N) N

Lab Sample ID: 1001783
Lab File ID: B4140.D
Date Collected: 03/18/2010
Date Extracted 03/23/2010
Date Analyzed: 03/23/2010
Dilution Factor: 1
Extraction: (Type)

CAS NO.	COMPOUND	CONC UG/KG	Q	MDL	PQL
91-20-3	Naphthalene	1100		45	230
208-96-8	Acenaphthylene	410		45	230
83-32-9	Acenaphthene	520		45	230
86-73-7	Fluorene	600		45	230
85-01-8	Phenanthrene	1800		45	230
120-12-7	Anthracene	370		45	230
206-44-0	Fluoranthene	1800		45	230
129-00-0	Pyrene	2100		45	230
56-55-3	Benzo[a]anthracene	1200		45	230
218-01-9	Chrysene	1200		45	230
205-99-2	Benzo[b]fluoranthene	1500		45	230
207-08-9	Benzo[k]fluoranthene	900		45	230
50-32-8	Benzo[a]pyrene	1300		45	230
193-39-5	Indeno[1,2,3-cd]pyrene	360		45	230
53-70-3	Dibenz[a,h]anthracene	210	J	45	230
191-24-2	Benzo[g,h,i]perylene	370		45	230

J - Indicates estimated value when detected below PQL.
U - Indicates compound analyzed for but not detected.
D - Indicates result is based on a dilution.
B - Indicates compound found in associated blank.
E - Concentration exceeds highest calibration standard.
MDL - Minimum Detection Limit.
PQL - Practical Quantitation Level.

ACCREDITED ANALYTICAL RES, LLC
SEMIVOLATILES ORGANICS ANALYSIS DATA SHEET

Client Name: EMS
Case No.: 4910
Project: 5700 47th St, Maspeth, Brooklyn

CLIENT SAMPLE NO
S-7

Matrix: (soil/water) SOIL
Sample wt/vol: 30 **Unit:** G
Level: (low/med) LOW
% Moisture: 27.9
Concentrated Extract Volume: 1000 (µL)

GPC Cleanup: (Y/N) N

Lab Sample ID: 1001784
Lab File ID: B4141.D
Date Collected: 03/18/2010
Date Extracted 03/23/2010
Date Analyzed: 03/23/2010
Dilution Factor: 1
Extraction: (Type)

CAS NO.	COMPOUND	CONC UG/KG	Q	MDL	PQL
91-20-3	Naphthalene	86	J	46	230
208-96-8	Acenaphthylene	80	J	46	230
83-32-9	Acenaphthene	47	J	46	230
86-73-7	Fluorene	60	J	46	230
85-01-8	Phenanthrene	800		46	230
120-12-7	Anthracene	200	J	46	230
206-44-0	Fluoranthene	1500		46	230
129-00-0	Pyrene	1700		46	230
56-55-3	Benzo[a]anthracene	940		46	230
218-01-9	Chrysene	870		46	230
205-99-2	Benzo[b]fluoranthene	1200		46	230
207-08-9	Benzo[k]fluoranthene	740		46	230
50-32-8	Benzo[a]pyrene	1100		46	230
193-39-5	Indeno[1,2,3-cd]pyrene	340		46	230
53-70-3	Dibenz[a,h]anthracene	160	J	46	230
191-24-2	Benzo[g,h,i]perylene	360		46	230

J - Indicates estimated value when detected below PQL.
U - Indicates compound analyzed for but not detected.
D - Indicates result is based on a dilution.
B - Indicates compound found in associated blank.
E - Concentration exceeds highest calibration standard.
MDL - Minimum Detection Limit.
PQL - Practical Quantitation Level.

ACCREDITED ANALYTICAL RES, LLC
SEMIVOLATILES ORGANICS ANALYSIS DATA SHEET

Client Name: EMS
Case No.: 4910
Project: 5700 47th St, Maspeth, Brooklyn

CLIENT SAMPLE NO
SBLK48

Matrix: (soil/water) SOIL
Sample wt/vol: 30 **Unit:** G
Level: (low/med) LOW
% Moisture: 0
Concentrated Extract Volume: 1000 (µL)

GPC Cleanup: (Y/N) N

Lab Sample ID: SBLK48
Lab File ID: B4134.D
Date Collected:
Date Extracted 03/23/2010
Date Analyzed: 03/23/2010
Dilution Factor: 1
Extraction: (Type)

CAS NO.	COMPOUND	CONC UG/KG	Q	MDL	PQL
91-20-3	Naphthalene	ND	U	33	170
208-96-8	Acenaphthylene	ND	U	33	170
83-32-9	Acenaphthene	ND	U	33	170
86-73-7	Fluorene	ND	U	33	170
85-01-8	Phenanthrene	ND	U	33	170
120-12-7	Anthracene	ND	U	33	170
206-44-0	Fluoranthene	ND	U	33	170
129-00-0	Pyrene	ND	U	33	170
56-55-3	Benzo[a]anthracene	ND	U	33	170
218-01-9	Chrysene	ND	U	33	170
205-99-2	Benzo[b]fluoranthene	ND	U	33	170
207-08-9	Benzo[k]fluoranthene	ND	U	33	170
50-32-8	Benzo[a]pyrene	ND	U	33	170
193-39-5	Indeno[1,2,3-cd]pyrene	ND	U	33	170
53-70-3	Dibenz[a,h]anthracene	ND	U	33	170
191-24-2	Benzo[g,h,i]perylene	ND	U	33	170

J - Indicates estimated value when detected below PQL.
U - Indicates compound analyzed for but not detected.
D - Indicates result is based on a dilution.
B - Indicates compound found in associated blank.
E - Concentration exceeds highest calibration standard.
MDL - Minimum Detection Limit.
PQL - Practical Quantitation Level.

Almar Supplies Inc.

57-05 47TH Street
Maspeth, NY 11378
Tel: 718-456-8636
Fax: 718-456-9812

facsimile transmittal

To: Veronica Fax: 718 482 4098

From: Rossana Date: 2.5.13

Re: Pages: 11 To Follow

CC:

☐ Urgent ☐ For Review ☐ Please Comment ☐ Please Reply ☐ Please Recycle

Taylord Environment

Ms. Veronica Zhune
Environmental Engineer- DER-NYSDEC Region 2
47-40 21st Street
Long Island City, New York 11101

August 20, 2012

Re: 57-00 47th Street, LLC
57-00 47th Street
Maspeth, New York
NYSDEC Spill Case 0808170

Ms. Zhune,

The purpose of this letter is to present data collected from the subject site, requested in your letter dated April 6, 2012.

Todd Syska, Inc. was subcontracted by Taylord Environment, Inc. ("TE") to complete a soil borings on the project site, in the area of the former soil remediation. A track mounted, two inch, hydraulic press, GeoProbe™, drill rig was utilized by Todd Syska, Inc. to advance the boring on July 19, 2012. Continuous soil samples were collected throughout the exploration. The soil boring was advanced to approximately 16 feet below grade and finished with a one inch, sch 40, PVC, piezometer. The piezometer constructions was as follows: 16 feet to 6 feet below grade is one inch, sch 40, 0.020 slot screen, PVC; 6 feet to grade is one inch, sch 40, solid PVC. The well was finished with a sand pack from 16 feet to 3 feet below grade, one foot of bentonite plug and sand to grade. See "Figure 1" for the location of the sample point.

TE observed the following physical characteristics of soils encountered during the exploration:
0' – 4' Recycled Item 4 ("Blend"), PID Readings ND ppm
4' – 8' Recycled Item 4 to Brown Clay Loam (transition ~ 6'-7'), PID ND ppm
8' – 12' Dark Brown/Black Organic/Clay Loam, PID 19.8 ppm (GW @ ~11')
12' – 16' Brown Clay to Coal Ash to Wood Ash (All Historically Placed), PID ND ppm

As requested, TE collected a representative soil sample from the exploration. The soil sample was collected from the interval that exhibited the highest PID reading, in the area just above the static groundwater table, approximately 11 feet below grade. The soils collected for laboratory analysis were indigenous to the site, NOT backfill material placed following the remedial action. Laboratory analysis of the soil sample showed concentrations of target analytes below the NYSDEC Guidance Values (CP-51). See Table 1 for a summary of the laboratory data.

On July 19, 2012, TE used a peristaltic pump to develop the piezometer installed in the soil boring. TE pumped three well volumes from the piezometer prior to collecting a representative groundwater sample. The groundwater sample was collected with the peristaltic pump at a low flow rate. Laboratory analysis of

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24 Wing Avenue
Dover Plains, New York 12522
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the groundwater sample showed concentrations of target analytes below the NYSDEC Guidance Values (TAGM #4046). See Table 1 for a summary of the laboratory data.

Soil and groundwater samples described in this document were collected into laboratory clean glassware, maintained at four degrees Celsius, and delivered to York Analytical Laboratories, Inc., located in Stratford, CT, for analysis. The soil sample was analyzed by EPA Method 8260 and EPA Method 8270, modified for CP-51 compounds only. The groundwater sample was analyzed by EPA Method 8260, modified for CP-51 compounds only.

The post-remediation soil and groundwater samples, presented with this document, demonstrate a successful soil remediation. It is the opinion of TE that no further remedial actions are required for the subject site. TE believes that the previous action successfully eliminated impacted soils. Therefore, Taylord Environment, Inc., on behalf of 57-00 47th Street, LLC, requests closure of the active NYSDEC Spill Case 0808170. The request for closure is based on the remediation preformed and the data presented in this report and by data submitted by Environmental Management Solutions, Inc.

This report has been prepared for the use of the NYSDEC, 57-00 47th Street, LLC, and/or pertinent parties associated with the subject site. Reasonable due diligence was exercised by the staff of Taylord Environment Inc. in conducting the research and investigation necessary for the development of this report. The conclusions provided by Taylord Environment Inc. in this report are based solely on the information reported in this document. Results of future subsurface investigations may result in a modification of the conclusions stated above. The conclusions presented herein are based upon the current regulatory climate and may require revision if future regulatory changes occur. This investigation and preparation of this report has been conducted in accordance with generally accepted practices. No other warranty, expressed or implied, is made.

If you have any questions regarding this report, please contact Scott Taylor at (845) 877-3840.

Sincerely,

Scott Taylor
Senior Environmental Scientist
Taylord Environment, Inc.

Taylord Environment, Inc.
24 Wing Avenue
Dover Plains, New York 12522
Telephone/Fax (845) 877-3840
E-Mail tayl0rd@optonline.net

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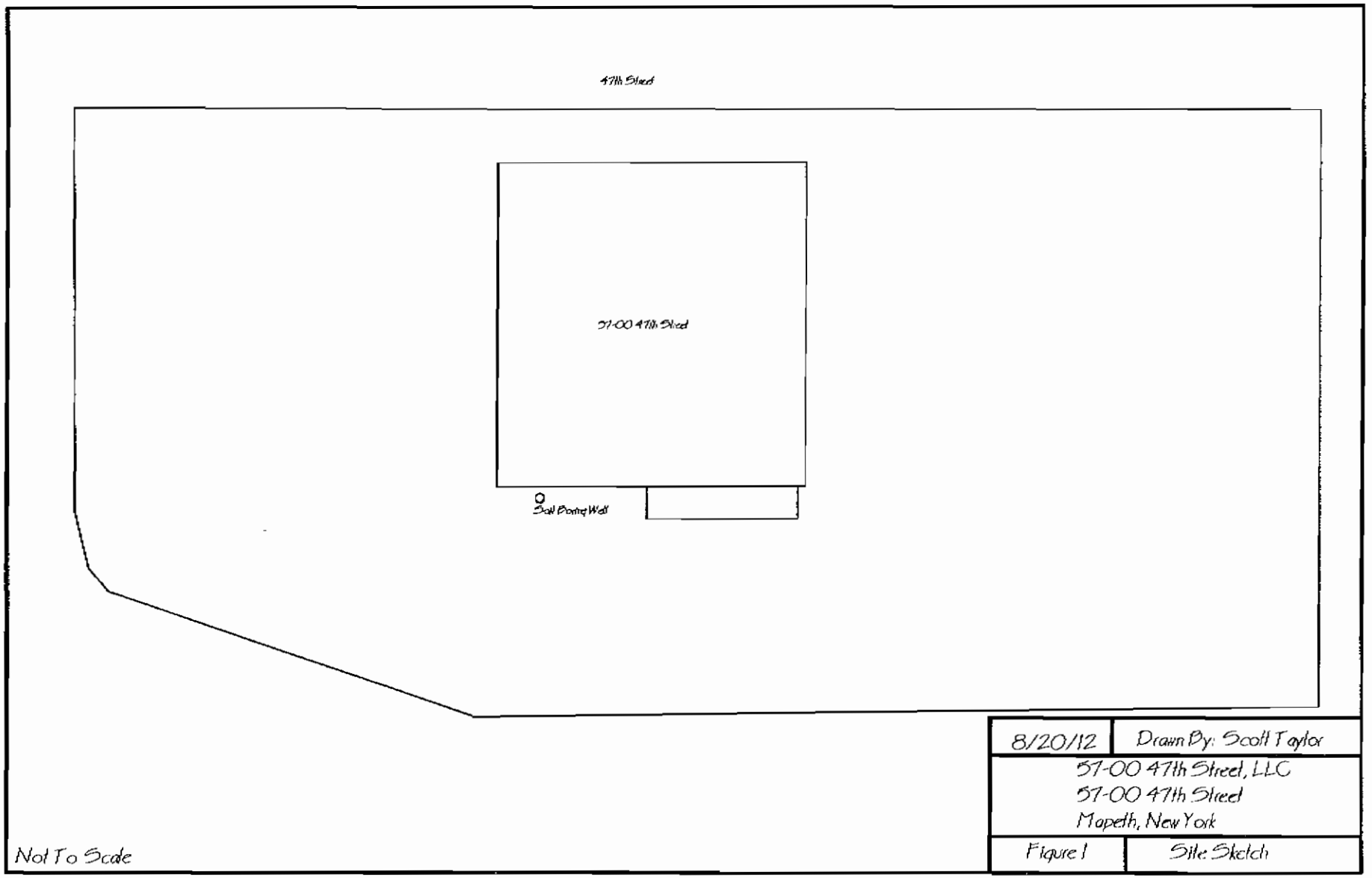
Taylord Environment, Inc.

Table 1
Soil & Groundwater Sample Summary
5700 47th Street, LLC
Collected July 19, 2012
Concentration Given in Parts Per Billion

Volatile Organic Compounds	Monitoring Well Soil	Monitoring Well Ground Water	CP-51	TAGM #4046
1,2,4-Trimethylbenzene	2.7	1.8	3,600	5
1,3,5-Trimethylbenzene	3.0	ND	8,400	5
Benzene	ND	1.3	60	0.7
Ethylbenzene	2.6	3.0	1,000	5
Isopropylbenzene	ND	ND	2,300	5
MTBE	ND	9.9	930	10
Naphthalene	7.5	4.2	12,000	10
n-Butylbenzene	2.1	ND	12,000	5
n-Propylbenzene	1.9	ND	3,900	5
o-Xylene	4.0	1.1	NA	5
p- & m-Xylenes	3.8	1.4	NA	5
p-Isopropyltoluene	ND	ND	10,000	5
sec-Butylbenzene	ND	ND	11,000	5
tert-Butylbenzene	ND	ND	5,900	5
Toluene	2.1	0.97	700	5
Xylene (Mixed)	7.8	2.5	260	5
Semi-Volatile Organic Compounds			CP-51	TAGM #4046
Acenaphthene	ND	ND	20,000	5
Acenaphthylene	ND	ND	100,000	5
Anthracene	810	ND	100,000	0.7
Benzo[a]anthracene	880	ND	1,000	5
Benzo[a]pyrene	630	ND	1,000	5
Benzo[b]fluoranthene	ND	ND	1,000	10
Benzo[g,h,i]perylene	ND	ND	100,000	10
Benzo[k]fluoranthene	ND	ND	800	5
Chrysene	1,000	ND	1,000	5
Dibenzo[a,h]anthracene	ND	ND	330	5
Fluoranthene	2,500	3.3	100,000	5
Fluorene	1,000	ND	100,000	5
Indeno[1,2,3-cd]pyrene	ND	ND	500	5
Naphthalene	ND	ND	12,000	5
Phenanthrene	3,800	3.7	100,000	5
Pyrene	2,100	3.3	100,000	5

Note:
All Analytes are compared to Appendix A of TAGM #4046 For Groundwater & CP-51 For Soil
1) Concentrations in Bold Exceed Both NYSDEC Guidance Values
2) ND = None Detect
3) NA = Not Analyzed

02-05-'13 12:14 FROM- T-284 P0004/0012 F-210



8/20/12	Drawn By: Scott Taylor
57-00 47th Street, LLC 57-00 47th Street Maspeth, New York	
Figure 1	Site Sketch

Not To Scale

YORK

ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Taylord Environment, Inc.
24 Wing Avenue
Dover Plains NY, 12522
Attention: Scott Taylor

Report Date: 07/31/2012
Client Project ID: 5700 47th St. LLC 57-00 47th St. Maspeth, NY
York Project (SDG) No.: 12G0633

CT License No. PH-0723 | New Jersey License No. CT-005 | New York License No. 10854 | PA License No. 68-04440

120 RESEARCH DRIVE | STRATFORD, CT 06615 | (203) 325-1371 | FAX (203) 357-0166

02-05-'13 12:15 FROM- T-284 P0006/0012 F-210

Report Date: 07/31/2012
Client Project ID: 5700 47th St. LLC 57-00 47th St. Maspeth, NY
York Project (SDG) No.: 12G0633

Taylord Environment, Inc.
24 Wing Avenue
Dover Plains NY, 12522
Attention: Scott Taylor

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 20, 2012 and listed below. The project was identified as your project: **5700 47th St. LLC 57-00 47th St. Maspeth, NY.**

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
12G0633-01	Monitoring Well	Water	07/19/2012	07/20/2012
12G0633-02	Monitoring Well @11'	Soil	07/19/2012	07/20/2012

General Notes for York Project (SDG) No.: 12G0633

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By: Robert Q. Bradley **Date:** 07/31/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

02-05-'13 12:15 FROM- T-284 P0007/0012 F-210

YORK

ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: Monitoring Well **York Sample ID:** 12G0633-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0633	5700 47th St. LLC 57-00 47th St. Maspeth, NY	Water	July 19, 2012 3:00 pm	07/20/2012

Volatile Organics, CP-51 (formerly STARS) List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	1.8	J	ug/L	0.41	5.0	1	EPA SW846-8260B	07/24/2012 08:31	07/24/2012 14:31	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B	07/24/2012 08:31	07/24/2012 14:31	SS
71-43-2	Benzene	1.3	J	ug/L	0.30	5.0	1	EPA SW846-8260B	07/24/2012 08:31	07/24/2012 14:31	SS
100-41-4	Ethyl Benzene	3.0	J	ug/L	0.25	5.0	1	EPA SW846-8260B	07/24/2012 08:31	07/24/2012 14:31	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA SW846-8260B	07/24/2012 08:31	07/24/2012 14:31	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	9.9		ug/L	0.53	5.0	1	EPA SW846-8260B	07/24/2012 08:31	07/24/2012 14:31	SS
91-20-3	Naphthalene	4.2	J	ug/L	1.2	10	1	EPA SW846-8260B	07/24/2012 08:31	07/24/2012 14:31	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B	07/24/2012 08:31	07/24/2012 14:31	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	07/24/2012 08:31	07/24/2012 14:31	SS
95-47-6	o-Xylene	1.1	J	ug/L	0.21	5.0	1	EPA SW846-8260B	07/24/2012 08:31	07/24/2012 14:31	SS
1330-20-7P/M	p- & m- Xylenes	1.4	J	ug/L	0.53	10	1	EPA SW846-8260B	07/24/2012 08:31	07/24/2012 14:31	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.34	5.0	1	EPA SW846-8260B	07/24/2012 08:31	07/24/2012 14:31	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	07/24/2012 08:31	07/24/2012 14:31	SS
98-06-6	tert-Butylbenzene	ND		ug/L	1.4	5.0	1	EPA SW846-8260B	07/24/2012 08:31	07/24/2012 14:31	SS
108-88-3	Toluene	0.97	J	ug/L	0.17	5.0	1	EPA SW846-8260B	07/24/2012 08:31	07/24/2012 14:31	SS
1330-20-7	Xylenes, Total	2.5	J	ug/L	0.55	15	1	EPA SW846-8260B	07/24/2012 08:31	07/24/2012 14:31	SS

Semi-Volatiles, CP-51 (formerly STARS) List **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	2.1	5.9	1	EPA SW-846 8270C	07/24/2012 07:21	07/25/2012 18:46	SR
208-96-8	Acenaphthylene	ND		ug/L	2.0	5.9	1	EPA SW-846 8270C	07/24/2012 07:21	07/25/2012 18:46	SR
120-12-7	Anthracene	ND		ug/L	1.4	5.9	1	EPA SW-846 8270C	07/24/2012 07:21	07/25/2012 18:46	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	1.5	5.9	1	EPA SW-846 8270C	07/24/2012 07:21	07/25/2012 18:46	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	1.5	5.9	1	EPA SW-846 8270C	07/24/2012 07:21	07/25/2012 18:46	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	1.7	5.9	1	EPA SW-846 8270C	07/24/2012 07:21	07/25/2012 18:46	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	2.0	5.9	1	EPA SW-846 8270C	07/24/2012 07:21	07/25/2012 18:46	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	2.2	5.9	1	EPA SW-846 8270C	07/24/2012 07:21	07/25/2012 18:46	SR
218-01-9	Chrysene	ND		ug/L	1.7	5.9	1	EPA SW-846 8270C	07/24/2012 07:21	07/25/2012 18:46	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	1.8	5.9	1	EPA SW-846 8270C	07/24/2012 07:21	07/25/2012 18:46	SR
206-44-0	Fluoranthene	3.3	J	ug/L	1.5	5.9	1	EPA SW-846 8270C	07/24/2012 07:21	07/25/2012 18:46	SR
86-73-7	Fluorene	ND		ug/L	2.2	5.9	1	EPA SW-846 8270C	07/24/2012 07:21	07/25/2012 18:46	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	2.0	5.9	1	EPA SW-846 8270C	07/24/2012 07:21	07/25/2012 18:46	SR
91-20-3	Naphthalene	ND		ug/L	2.3	5.9	1	EPA SW-846 8270C	07/24/2012 07:21	07/25/2012 18:46	SR
85-01-8	Phenanthrene	3.7	J	ug/L	1.6	5.9	1	EPA SW-846 8270C	07/24/2012 07:21	07/25/2012 18:46	SR
129-00-0	Pyrene	3.3	J	ug/L	2.0	5.9	1	EPA SW-846 8270C	07/24/2012 07:21	07/25/2012 18:46	SR

02-05-'13 12:15 FROM- T-284 P0008/0012 F-210

YORK

ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: Monitoring Well — **York Sample ID:** 12G0633-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0633	5700 47th St. LLC 57-00 47th St. Maspeth, NY	Water	July 19, 2012 3:00 pm	07/20/2012

Sample Information

Client Sample ID: Monitoring Well @11' — **York Sample ID:** 12G0633-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0633	5700 47th St. LLC 57-00 47th St. Maspeth, NY	Soil	July 19, 2012 3:00 pm	07/20/2012

Volatile Organics, CP-51 (formerly STARS) List — **Log-in Notes:** — **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	**1,2,4-Trimethylbenzene**	**2.7**	J	ug/kg dry	1.2	11	1	EPA SW846-8260B	07/27/2012 08:35	07/27/2012 13:54	SS
108-67-8	**1,3,5-Trimethylbenzene**	**3.0**	J	ug/kg dry	0.96	11	1	EPA SW846-8260B	07/27/2012 08:35	07/27/2012 13:54	SS
71-43-2	Benzene	ND		ug/kg dry	1.1	11	1	EPA SW846-8260B	07/27/2012 08:35	07/27/2012 13:54	SS
100-41-4	**Ethyl Benzene**	**2.6**	J	ug/kg dry	0.63	11	1	EPA SW846-8260B	07/27/2012 08:35	07/27/2012 13:54	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.1	11	1	EPA SW846-8260B	07/27/2012 08:35	07/27/2012 13:54	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.79	11	1	EPA SW846-8260B	07/27/2012 08:35	07/27/2012 13:54	SS
91-20-3	**Naphthalene**	**7.5**	J	ug/kg dry	2.3	22	1	EPA SW846-8260B	07/27/2012 08:35	07/27/2012 13:54	SS
104-51-8	**n-Butylbenzene**	**2.1**	J	ug/kg dry	0.94	11	1	EPA SW846-8260B	07/27/2012 08:35	07/27/2012 13:54	SS
103-65-1	**n-Propylbenzene**	**1.9**	J	ug/kg dry	0.90	11	1	EPA SW846-8260B	07/27/2012 08:35	07/27/2012 13:54	SS
95-47-6	**o-Xylene**	**4.0**	J	ug/kg dry	0.79	11	1	EPA SW846-8260B	07/27/2012 08:35	07/27/2012 13:54	SS
1330-20-7P/M	**p- & m- Xylenes**	**3.8**	J	ug/kg dry	2.0	22	1	EPA SW846-8260B	07/27/2012 08:35	07/27/2012 13:54	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	0.66	11	1	EPA SW846-8260B	07/27/2012 08:35	07/27/2012 13:54	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.0	11	1	EPA SW846-8260B	07/27/2012 08:35	07/27/2012 13:54	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.0	11	1	EPA SW846-8260B	07/27/2012 08:35	07/27/2012 13:54	SS
108-88-3	**Toluene**	**2.1**	J	ug/kg dry	0.83	11	1	EPA SW846-8260B	07/27/2012 08:35	07/27/2012 13:54	SS
1330-20-7	**Xylenes, Total**	**7.8**	J	ug/kg dry	1.3	32	1	EPA SW846-8260B	07/27/2012 08:35	07/27/2012 13:54	SS

Semi-Volatiles, CP-51 (formerly STARS) List — **Log-in Notes:** — **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	490	1300	5	EPA SW-846 8270C	07/24/2012 09:59	07/27/2012 10:39	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	650	1300	5	EPA SW-846 8270C	07/24/2012 09:59	07/27/2012 10:39	SR
120-12-7	**Anthracene**	**810**	J	ug/kg dry	790	1300	5	EPA SW-846 8270C	07/24/2012 09:59	07/27/2012 10:39	SR
56-55-3	**Benzo(a)anthracene**	**880**	J	ug/kg dry	500	1300	5	EPA SW-846 8270C	07/24/2012 09:59	07/27/2012 10:39	SR
50-32-8	**Benzo(a)pyrene**	**630**	J	ug/kg dry	530	1300	5	EPA SW-846 8270C	07/24/2012 09:59	07/27/2012 10:39	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	1100	1300	5	EPA SW-846 8270C	07/24/2012 09:59	07/27/2012 10:39	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	450	1300	5	EPA SW-846 8270C	07/24/2012 09:59	07/27/2012 10:39	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	1300	1300	5	EPA SW-846 8270C	07/24/2012 09:59	07/27/2012 10:39	SR
218-01-9	**Chrysene**	**1000**	J	ug/kg dry	620	1300	5	EPA SW-846 8270C	07/24/2012 09:59	07/27/2012 10:39	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	540	1300	5	EPA SW-846 8270C	07/24/2012 09:59	07/27/2012 10:39	SR
206-44-0	**Fluoranthene**	**2500**		ug/kg dry	790	1300	5	EPA SW-846 8270C	07/24/2012 09:59	07/27/2012 10:39	SR

02-05-'13 12:16 FROM- T-284 P0009/0012 F-210

YORK

ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: Monitoring Well @11' **York Sample ID:** 12G0633-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0633	5700 47th St. LLC 57-00 47th St. Maspeth, NY	Soil	July 19, 2012 3:00 pm	07/20/2012

Semi-Volatiles, CP-51 (formerly STARS) List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	1000	J	ug/kg dry	650	1300	5	EPA SW-846 8270C	07/24/2012 09:59	07/27/2012 10:39	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	610	1300	5	EPA SW-846 8270C	07/24/2012 09:59	07/27/2012 10:39	SR
91-20-3	Naphthalene	ND		ug/kg dry	330	1300	5	EPA SW-846 8270C	07/24/2012 09:59	07/27/2012 10:39	SR
85-01-8	Phenanthrene	3800		ug/kg dry	700	1300	5	EPA SW-846 8270C	07/24/2012 09:59	07/27/2012 10:39	SR
129-00-0	Pyrene	2100		ug/kg dry	550	1300	5	EPA SW-846 8270C	07/24/2012 09:59	07/27/2012 10:39	SR

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	92.9		%	0.100	0.100	1	SM 2540G	07/26/2012 13:37	07/26/2012 13:57	JCC

02-05-'13 12:16 FROM- T-284 P0010/0012 F-210

YORK

ANALYTICAL LABORATORIES, INC.

Notes and Definitions

J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.

ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

---

120 RESEARCH DRIVE STRATFORD, CT 06615 (203) 325-1371 FAX (203) 357-0166

02-05-'13 12:17 FROM- T-284 P0011/0012 F-210

YORK
ANALYTICAL LABORATORIES, INC.

120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 1260633

YOUR Information	Report To:	Invoice To:
Company: Taylord Env	Company: Taylord Env	Company: Taylord Env
Address:	Address:	Address:
Phone No:	Phone No:	Phone No:
Contact Person:	Attention:	Attention:
E-Mail Address:	E-Mail Address:	E-Mail Address:

YOUR Project ID
5700 47th Street LIC
57-00 47th Street
Maspeth, NY
Purchase Order No.

Samples from: CT NY X NJ

Turn-Around Time
- RUSH - Same Day
- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- Standard (5-7 Days) X

Report Type
- Summary Report
- Summary w/ QA Summary
- CT RCP Package
- CTRCP DQA/DUE Pkg
- NY ASP A Package
- NY ASP B Package
- NJDEP Red. Delv
- Electronic Data Deliverable(s) (EDD)
- Simple Excel
- NYSDEC EQuIS
- EQuIS (std)
- EZ-EDD (EQuIS)
- NJDEP SRP Haz/Site EDD
- GIS KEY (std)
- Other
- York Regulatory Comparison
- Excel Spreadsheet

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)
Scott Taylor
Name (printed)

Matrix Codes		Volatiles		Semi-Volatiles		Pesticides/PCB	Metals	Misc. Org.	Full Lists	Misc.
S - soil		8260 Full	TICs	8270 or 625		8082 PCB	RCRA8	TPH GRO	Pet Poll	Corrosivity
Other - specify(oil, etc.)		624	Site Spec	STARS list		8081 Pest	PPETS list	TPH DRO	1613 Organics	Reactivity
WW - wastewater		STARS list	Nassau Co	BN Only		8151 Herb	TAL	CT ETPH	TAL Metals	Ignitability
GW - groundwater		BTEX	Suffolk Co	Acids Only		CT RCP	CT 15 list	NY 310-13	Full TCLP	Flash Point
DW - drinking water		MTBE	Ketones	PAH list		App. IX	TAGM list	TPH 1664	Soil/Aq DX	Sieve/Anal
Air-A - ambient air		TCE & 4	Oxygenates	TAGM list		Site Spec	NJDEP list	Air TO14A	Part 360 Metals	Hexavalents
Air-SV - soil vapor		TAGM list	TCLP list	CT RCP list		SPLP/TCLP	Total	Air TO15	Part 360 Pesticides	TOX
		CT RCP list	524.2	TCL list		TCLP Pest	Dissolved	Air NJ AQS	Part 360 Herbicides	TCLP
		Aromatics only	502.2	NJDEP list		TCLP Herb	SPLP/TCLP	Air VPH	Part 360 Volatiles	Aqueous Iron
		Halogens only	NJDEP list	App IX		Cadmium	Iron, Mn, Na	Air TICs	NJ DEP Semi-Vol	TOC
		App IX list	SPLP/TCLP	TCLP HSL		608 Pest	BNA Metals	Methane	NYSDEC Semi-Vol	Asbestos
		8021B list		SPLP/TCLP		608 PCB		Hydrogen	TAGM	Silica

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
Monitoring well	7/19/12	GW	8260/8270 CP-51 compounds only	(2)40 1 L
Monitoring well @ 11'	7/19/12	S	✓ ✓	(1)4 oz (1)2 oz

Comments
CP-51 compounds only

Preservation
Check those Applicable
Special Instructions
Field Filtered
Lab to Filter

4°C Frozen HCl MeOH HNO3 H2SO4 NaOH
Zn Ac Ascorbic Acid Other

Samples Relinquished By: Date/Time: 7/20/12
Samples Relinquished By: Date/Time:

Samples Received By: Chris C Date/Time: 7-20-12 9:20
Samples Received in LAB by: Grace Date/Time: 7-20-12 1530

Temperature on Receipt: 4.3 °C

02-05-'13 12:17 FROM-
T-284 P0012/0012 F-210

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566 Tel: (516) 546-1100 Fax : (516) 213-8156

December 5, 2013

Mr. Ryan Piper, Case Manager
New York State Department of Environmental Conservation, Region 2
47-40 21st Street
Long Island City, New York 11101

Re: **Diesel Fuel Spill Remediation - Spill No. 13-06438**
Industrial Property
57-00 47th Street, Maspeth, New York

Dear Mr. Piper:

This letter summarizes recent spill remediation activities performed by Preferred Environmental Services (Preferred), in concert with Almar Supplies Inc. (Almar), to address a release of diesel fuel associated with New York State Department of Environmental Conservation (NYSDEC) Spill No. 13-06438. Spill No. 13-06438 was assigned on September 19, 2013 due to the identification of diesel fuel-contaminated pea-gravel, surrounding fill piping, during the removal of an out-of-service (OOS) 4,000-gallon single wall fiberglass Underground Storage Tank (UST) at the industrial property located at 57-00 47th Street, Maspeth, New York (Subject Property).

UST removal and subsequent remedial work was performed on September 19, 2013 by Almar, in conjunction with their Fire Department of New York-permitted tank removal contractor AARCO Environmental Services (AARCO), with environmental oversight provided by Preferred. All remedial work was performed in accordance with a verbal work scope provided to the NYSDEC representative (Mr. Ryan Piper) at the time of the UST removal/spill assignment. A photographic log is included as an attachment as well as a detailed Figures (**Figures 1-3**) to document the spill remediation.

Project Background

The former 4,000-gallon single wall fiberglass diesel fuel UST (listed as Tank No. 001 on the Petroleum Bulk Storage Permit 2-318744) had been reportedly out-of-service for approximately one year. The UST was reportedly installed in 1985 and was last successfully integrity tested via a five (5) year precision test on February 14, 2011 by Henrich/Dry As-A-Bone.

On July 30, 2013, the property owner received a violation from the City of New York Fire Department (FDNY) for "*the failure to perform a two (2) year functionality test of the leak detecting system protecting the motor fuel storage system*" of the 4,000 gallon diesel fuel UST. In lieu of re-testing, the leak detection system, the property owner voluntarily decided to remove the UST as it was no longer needed.

UST Removal and Diesel Fuel Spill Remediation

On September 19, 2013, Preferred, in conjunction with Almar and AARCO, removed the out-of-service 4,000-gallon UST from the ground. Prior to its removal, a total 350-gallons of residual diesel fuel and sludge was removed from within the UST, utilizing an NYCRR Part 364-permitted vacuum truck for off-site transport and disposal. During the uncovering of the UST for removal purposes, pea-gravel containing diesel fuel odors, staining and elevated PID readings was noted surrounding former fill piping along the top of the UST. The NYSDEC was subsequently notified and Spill No. 13-06438 was assigned to the property. The UST was observed to be contained within a solid concrete vault.

Upon removal of the UST, no holes or cracks were noted along the UST shell other than those that were created during actual UST removal efforts. Staining was noted along a majority of the UST, likely associated with the limited release associated with the former fill piping along the top of the UST.

Pea-gravel contained within the concrete vault was noted to contain diesel fuel odors, staining and exhibited elevated PID readings. The pea-gravel was subsequently removed from within the vault and placed into a 20-yard roll-off container, awaiting off-site disposal. In addition, trapped water containing diesel fuel odors and sheens within the vault was also removed by a pump truck for proper off-site disposal. A total of 31.07 tons of diesel fuel impacted pea-gravel and 930 gallons of trapped water were removed from within the vault that was measured to extend to twelve (12) feet below grade surface (bgs), at which point the concrete floor of the vault was encountered. The vault was then cleaned and inspected and was noted to be in good condition with no visible holes or direct exposure to adjacent and/or underlying soils.

As requested by the NYSDEC, two (2) soil borings were advanced through the concrete base of the vault via a decontaminated stainless steel hand auger in order to assess underlying soil conditions. Soils encountered below the concrete vault consisted of dark brown to black silty sands with various fill material. Field screening of soils within the two soil borings (B-1 and B-2) confirmed the absence of petroleum impacted soils (e.g., odors, staining, elevated PID readings, etc) from the directly below the concrete vault located at 12.5 feet bgs to a depth of 13 feet bgs, at which point groundwater was encountered. Subsequently, two (2) soil samples (B-1 (12.5-13 ft bgs) and B-2 (12.5-13 ft bgs)) were collected for laboratory analysis. As verbally agreed upon with the NYSDEC, during a subsequent telephone conversation, sidewall soil samples were not required due to the presence of the concrete vault that was confirmed to possess integrity.

Waste Disposal

A total of 350-gallons of residual diesel fuel and 930-gallons of trapped oily water was transported by AARCO Environmental Services (NYR000107326) to the Advanced Waste and Water Technology, Inc. Facility located at 208 Rt. 109, Farmingdale, NY. A total of 31.07 tons of diesel fuel contaminated pea-gravel was transported by Rizzo Environmental Services, a Part 364 licensed waste transporter, in a 20-yard roll-off container to Clean Earth of Carteret disposal facility located at 24 Middlesex Avenue, Carteret, NJ. All waste manifests are included as **Appendix B**.

Endpoint Sampling Analytical Data

The two (2) soil samples (B-1 (12.5-13 ft bgs) and B-2 (12.5-13 ft bgs)) collected by Preferred's geologist were submitted for laboratory analysis for NYSDEC CP-51 List Volatile Organic Compounds (VOCs) by EPA Method 8260 and NYSDEC CP-51 List Semi-Volatile Organic Compounds (SVOCs) by EPA Method 8270 to an NYSDOH-ELAP certified Laboratory (American Analytical Laboratories, LLC). Laboratory analytical data are included as **Appendix C**. Analytical results were then compared to Soil Clean-up Objectives (SCOs) for Fuel Oil Contaminated Soil NYSDEC CP-51/Soil Cleanup Guidance issued October 21, 2010.

As summarized in **Table 1**, only one (1) VOC compound (sec-Butylbenzene) was detected above its

respective laboratory Method Detection Limits (MDLs) in both soil samples. However, sec-Butylbenzene was reported well below its associated NYSDEC CP-51 Soil Cleanup Objective (SCO) within both samples.

A number of SVOC compounds were reported above their respective MDLs within both endpoint soil samples, consistent with the fill like material observed below the concrete vault. Of the detected SVOC compounds, three (3) compounds (Benzo(a)anthracene at 1,100 µg/kg, Chrysene at 1,100 µg/kg and Indeno(1,2,3-c,d)pyrene at 570 µg/kg) were reported slightly above (well within one order of magnitude) their associated NYSDEC SCOs within endpoint soil sample B-2 at 12.5-13 ft bgs. Of the detected SVOC compounds in endpoint sample B-1(12.5-13 ft bgs), all were reported below or at their respective NYSDEC SCOs.

Summary and Conclusions

Spill remediation was conducted at the industrial property located at 57-00 47th Street, Maspeth, New York on September 19, 2013 in order to address NYSDEC Spill 13-06438. Remedial activities included the removal and disposal of 31.07 tons of diesel fuel impacted pea-gravel and 930 gallons of trapped water from within the former concrete vault. Laboratory analysis of one (1) endpoint soil sample (B-1(12.5-13 ft bgs)) collected directly below the concrete vault documented compliant soil conditions underlying the southern portion of the concrete vault. Although slight SVOC exceedances were reported within endpoint soil sample B-2 at12.5-13 ft bgs), collected below the northern portion of the UST vault, these concentrations are just above their applicable SCOs, and are generally consistent with the fill material observed underlying the vault. Therefore, these marginal concentrations are not considered to be indicative of impacts due to the former UST and storage of diesel fuel.

Based upon the successful removal of diesel fuel impacted pea-gravel and trapped water within a solid concrete vault and the compliant soil conditions documented under the southern portion of the concrete vault and near compliant soil conditions under the northern portion of the concrete vault, as documented by endpoint soil samples, closure of NYSDEC Spill No. 13-06438 is respectfully requested.

Sincerely,

PREFERRED ENVIRONMENTAL SERVICES

Jill S. Haimson

Jill S. Haimson, CGWP, PG
Principal

Marc C. Morgenstern

Marc C. Morgenstern
Hydrogeologist/Project Manager

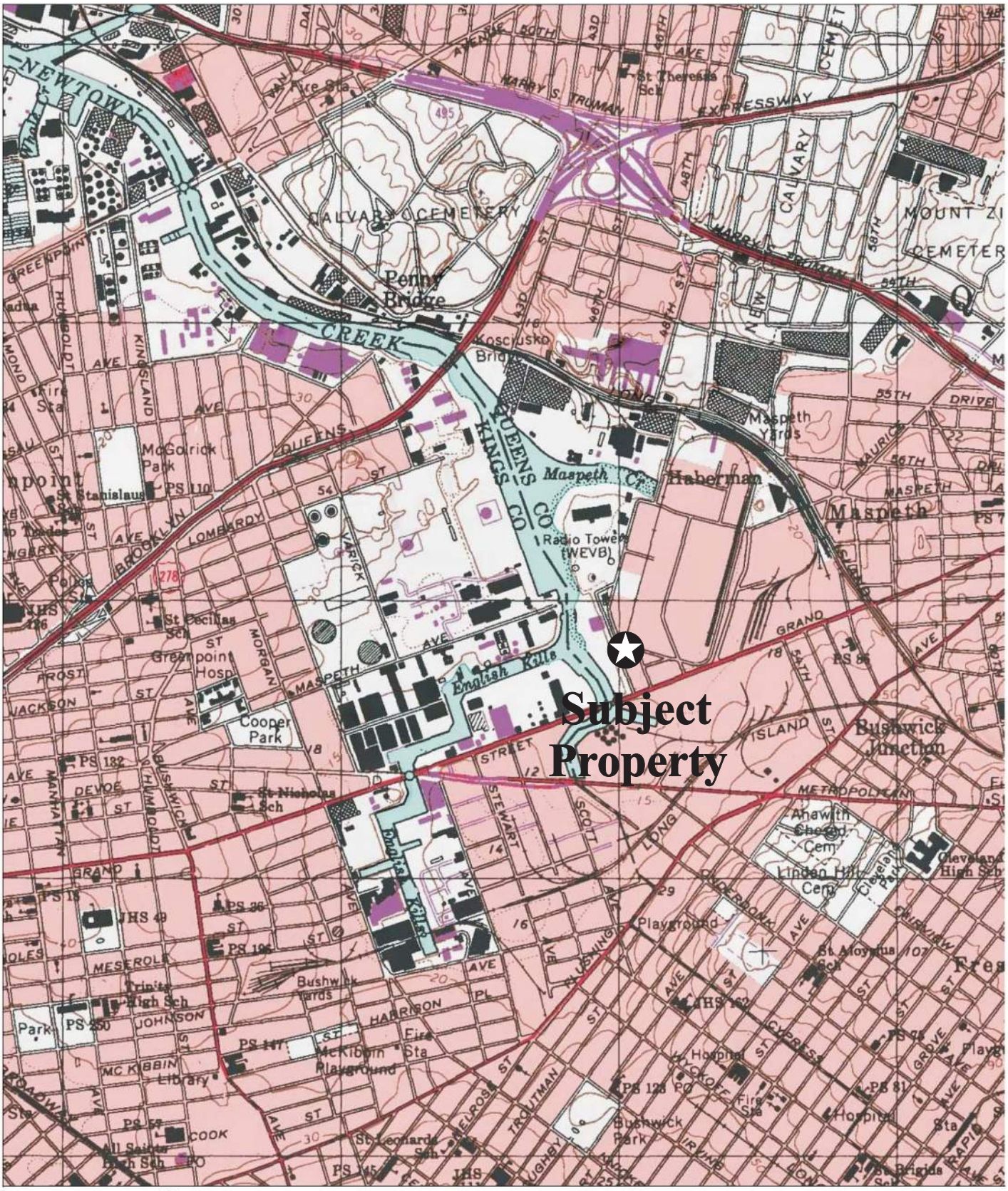


Figure 1 - Topographic Map

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

-Approximate Location of Subject Property

Source: United States Geologic Survey Brooklyn, New York Quadrangle

Site: 57-00 47th Street
Maspeth, New York

Date: October 2, 2013

Figure 2 - Aerial Photograph

-Approximate Location of Property Line

Source: Google Maps

Site: 57-00 47th Street
Maspeth, New York

Date: 10/2/2013

Scale (ft): 0 — 100

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

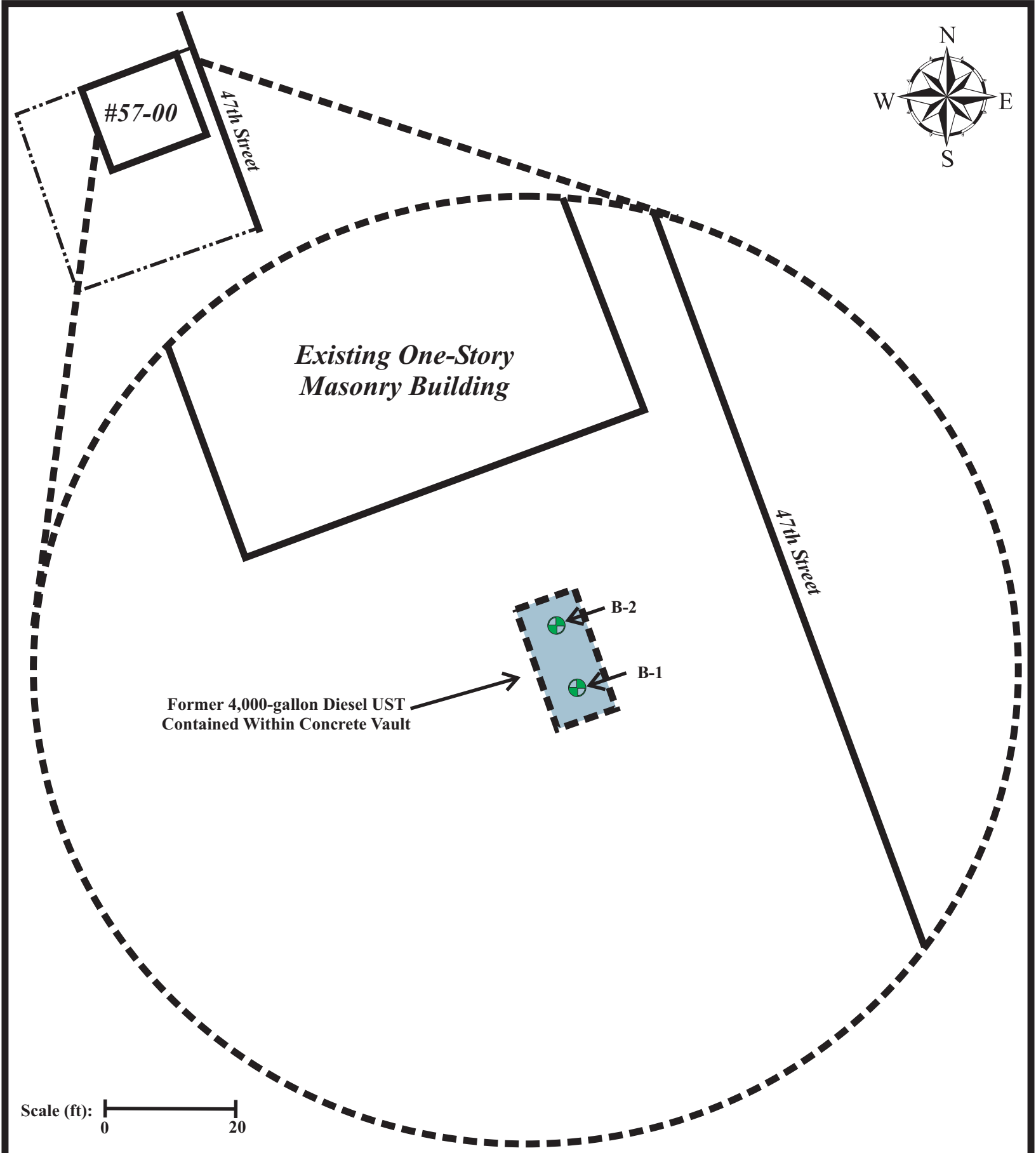


Figure 3 - Site Features and Sampling Locations

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

- Location of Former 4,000-gallon UST and Associated Concrete Vault
- Endpoint Soil Sampling Location Through Bottom of Vault

Site: 57-00 47th Street
Maspeth, New York

Date: 10/9/2013

Table 1

NYSDEC CP-51 VOCs and SVOCs Detected In Endpoint Soil Samples

57-00 47th Street
Maspeth, New York
September 19, 2013

CP-51 Diesel Fuel Compounds VOCs (ug/kg) 8260	B-1 (12.5-13ft bgs)		B-2 (12.5-13ft bgs)		NYSDEC CP-51 SCO Guidance Value
	Result	Q	Result	Q	
1,2,4-Trimethylbenzene	ND		ND		3,600
1,3,5-Trimethylbenzene	ND		ND		8,400
4-Isopropyltoluene	ND		ND		10,000
Benzene	ND		ND		60
Ethylbenzene	ND		ND		1,000
Isopropylbenzene	ND		ND		2,300
m,p-Xylene	ND		ND		260
Methyl tert-butyl ether	ND		ND		NA
Naphthalene	ND		ND		12,000
n-Butylbenzene	ND		ND		12,000
n-Propylbenzene	ND		ND		3,900
o-Xylene	ND		ND		260
sec-Butylbenzene	1.1	J	1.5	J	11,000
tert-Butylbenzene	ND		ND		5,900
Toluene	ND		ND		700
CP-51 Diesel Fuel Compounds SVOCs (ug/kg) 8270	**B-1 (12.5-13ft bgs)**		**B-2 (12.5-13ft bgs)**		**NYSDEC CP-51 SCO Guidance Value**
	Result	**Q**	**Result**	**Q**	
Acenaphthene	ND		ND		20,000
Acenaphthylene	ND		ND		100,000
Anthracene	300		360		100,000
Benzo(a)anthracene	640		**1,100**		1,000
Benzo(a)pyrene	650		870		1,000
Benzo(b)fluoranthene	650		830		1,000
Benzo(g,h,i)perylene	470		520		100,000
Benzo(k)fluoranthene	480		660		800
Chrysene	750		**1,100**		1,000
Dibenzo(a,h)anthracene	120	J	140	J	330
Fluoranthene	1,600		2,300		100,000
Fluorene	ND		ND		30,000
Indeno(1,2,3-c,d)pyrene	500		**570**		500
Phenanthrene	920		1,100		100,000
Pyrene	1,400		2,300		100,000

Notes:

NYSDEC Standard CP-51 Soil Cleanup Objectives Guidance Issued October 21, 2010

Q- Qualifier for analyte

J- Analyte Detected Below Quantitation Limits

NA - Not Available

ND- Not Detected

VOCs - Volatile Organic Compounds

SVOCs - Semi-Volatile Organic Compounds

Bolded and highlighted values indicate detected above NYSDEC Standard CP-51 Soil Cleanup Objectives Guidance Value

APPENDIX A

Photographic Log

Preferred Environmental Services

323 Merrick Avenue • North Merrick • New York • 11566

Tel (516) 546-1100 • Fax (516) 213-8156

Photograph No. 1- Front view of the industrial property located at 57-00 47th Street, Maspeth, New York.

Photograph No. 2 – Prior to the removal of the 4,000-gallon Diesel UST, approximately 350 gallons of residual diesel and sludge was removed from within UST via a pump truck for proper disposal.

Photograph No. 3 – While uncovering the UST, stained pea-gravel exhibiting diesel fuel odors and elevated PID readings were observed surrounding the former fill piping. The NYSDEC was notified and Spill No. 13-06438 was assigned to the property.

Photograph No. 4 – Upon completion of the removal of all liquids from within the UST, the UST subsequently removed from the ground.

Photograph Nos. 5 & 6- Inspection of the 4,000-gallon single-wall fiberglass UST noted the absence of any holes or cracks that did not appear to be sustained during the removal efforts.

Photograph No. 7 – The UST was contained within a solid concrete vault extending to twelve (12) feet below grade surface (bgs). Pea-gravel and trapped water contained within the vault was noted to contain diesel fuel odors, staining and exhibited elevated Photoionization Detector (PID) responses.

Photograph Nos. 8 & 9 - Both the pea-gravel and trapped water were removed from within the vault for off-site disposal.

Photograph Nos. 10 & 11 - As discussed with the NYSDEC, two (2) bottom samples were collected through the concrete floor of the vault in order to determine the environmental condition of underlying soils.

Photograph No. 12- Field screening of soils underlying the concrete vault noted the presence of fill material absent of diesel odors and elevated PID responses.

APPENDIX B

Waste Manifests, Weight Tickets and Liquid Tickets

CLEANEARTH

Manifest # 728429

GLOBAL JOB NUMBER: 131647 **FACILITY APPROVAL NUMBER:** 133071578

Please Check One:

☒ Clean Eerth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Cleen Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: 5700 Maspeth Ave LLC 57-00 47th Street Maspeth, NY 11378	GROSS WEIGHT: ☐Tons ☐Yards	99,640
	TARE WEIGHT: ☐Tons ☐Yards	37,500
GENERATOR'S PHONE: 718-456-8686	NET WEIGHT: ☐Tons ☐Yards	31.07

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Diesel Fuel Contaminated Pea Gravel

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Richard Rizzo Title: VP

Signature: Date and Time: 10/8/13

TRANSPORTER

Company: Rizzo Environmental Services Phone Number: 201-935-1445

Address: 5700 47th Street Maspeth Truck # and License Plate: X 24 - 20098 PB

Driver: X Evangelie Collins SW Haulers Permit #: 1A-997

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: X Evangelie Collins Date and Time: X 10-11-13 7:00 AM

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Evangelie Collins Date and Time: 10-11-13 7:00 AM

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 10/11/13

TRANSPORTER

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-4989 Fax: (732) 541-0165

Ticket: 3670803991114

	Date	Time	Scale
In:	10/14/2013	07:14:58	Manual W
Out:	10/14/2013	07:15:55	P.T.

Manifest: 728429
Vehicle ID: KIZZ024

	Lbs:	Tns:
Gross:	99640	49.82
Tare:	37500	18.75
Net:	62140	31.07

Customer: RIZZO ENVIRONMENTAL SERVI

Facility Approval#: 133071570

Generator: 5700 Maspeth Ave LLC
Gen Address: 57-00 47th Street
Maspeth, NY 11378

Job Name: 5700 Maspeth Ave LLC/47th St
Job Address: 57-00 47th Street
Maspeth, NY 11378

Origin	Materials & Services	Quantity	Unit
Queens	Soil Treatment Type II	31.07	Tns

Contaminate Type: 2 Oil
Treatment Type: Bio
Fac Waste Code: Petroleum Contaminated Soil

Comment:

Driver: Enrique

Facility: Lukasz Ceglarek

13-20038 2nd trip

NON-HAZARDOUS WATER MANIFEST

1. Generator's US EPA ID No.: . . . . . | Manifest Doc. No.: 56658 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address: Almar Materials
57-00 47th St
Maspeth NY

4. Generator's Phone ( ): 10-727

5. Transporter 1 Company Name: **AARCO ENVIRONMENTAL SERVICES CORP.** | 6. US EPA ID Number: N.Y.R.0.0.0.1.0.7.3.2.6 | A. Transporter's Phone: **631-586-5900**

7. Transporter 2 Company Name | 8. US EPA ID Number: . . . . . | B. Transporter's Phone

9. Designated Facility Name and Site Address: AWWT
208 Rte 109
Farmingdale NY | 10. US EPA ID Number: . . . . . | C. Facility's Phone

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. water contaminated with Petroleum NA18	001	TT	930	G
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: V503

E. Handling Codes for Wastes Listed Above: S14

15. Special Handling Instructions and Additional Information
EMERGENCY PHONE # 631-586-5900

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: X | Signature: X | Month 09 Day 11 Year 13

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed/Typed Name: Dave Schandelmeier | Signature | Month 09 Day 11 Year 13

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed/Typed Name | Signature | Month . Day . Year .

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in item 19.

Printed/Typed Name: Chris Brown | Signature | Month 9 Day 11 Year 13

ORIGINAL – RETURN TO GENERATOR

13-20038 1ST Trip

NON-HAZARDOUS WATER MANIFEST

1. Generator's US EPA ID No.:
Manifest Doc. No.: 56657
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address: Almar Materials
57-00 47th St
Maspeth NY
4. Generator's Phone ( ): 1A-727

5. Transporter 1 Company Name: AARCO ENVIRONMENTAL SERVICES CORP.
6. US EPA ID Number: N.Y.R.0.0.0.1.0.7.3.2.6
A. Transporter's Phone: 631-586-5900

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address: AWWT
208 Rte 109
Farmingdale NY 11735
10. US EPA ID Number:
C. Facility's Phone:

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. water contaminated with Petroleum N018	001	TT	350	G
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: V503

E. Handling Codes for Wastes Listed Above: S14

16. Special Handling Instructions and Additional Information
EMERGENCY PHONE # 631-586-5900

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: [illegible] Signature: [illegible] Month 10 Day 9 Year 13

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials
Printed/Typed Name: Dave Schaefgen Signature: [illegible] Month 10 Day 9 Year 13

18. Transporter 2 Acknowledgment of Receipt of Materials
Printed/Typed Name: Signature: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in item 19.
Printed/Typed Name: Chris BROWN Signature: [illegible] Month 10 Day 9 Year 13

ORIGINAL – RETURN TO GENERATOR

APPENDIX C

Confirmatory Endpoint Soil Sample Data

Preferred Environmental Services

323 Merrick Avenue • North Merrick • New York • 11566

Tel (516) 546-1100 • Fax (516) 213-8156

AMERICAN ANALYTICAL LABORATORIES

NYSDOH 11418
NJDEP NY050
CTDOH PH-0205
PADEP 68-00573

Thursday, September 26, 2013

Bill Schlageter
Preferred Environmental Services
323 Merrick Avenue
North Merrick, NY 11566

TEL: (516) 546-1100
FAX (516) 213-8213

RE: 57-00 47th St., Maspeth, NY

Order No.: 1309098

Dear Bill Schlageter:

American Analytical Laboratories, LLC. received 2 sample(s) on 9/20/2013 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The results reported herein relate only to the items tested or to the samples as received by the laboratory. This report may not be reproduced, except in full, without the approval of American Analytical Laboratories, LLC and is not considered complete without a cover page and chain of custody documentation. The limits (LOQ) provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report or the data is qualified either on the sample results or in the QC section of the report. This package has been reviewed by American Analytical Laboratories' QA Department/Laboratory Director to comply with NELAC standards prior to report submittal. This report consists of 11 pages.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer
Lab Director

American Analytical Laboratories, LLC.

Date: *26-Sep-13*

CLIENT: Preferred Environmental Services
Project: 57-00 47th St., Maspeth, NY
Lab Order: 1309098

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date Collected	Date Received
1309098-01A	B-1 (12.5-13ft bgs)	9/19/2013 3:00:00 PM	9/20/2013
1309098-01B	B-1 (12.5-13ft bgs)	9/19/2013 3:00:00 PM	9/20/2013
1309098-02A	B-2 (12.5-13ft bgs)	9/19/2013 3:15:00 PM	9/20/2013
1309098-02B	B-2 (12.5-13ft bgs)	9/19/2013 3:15:00 PM	9/20/2013

AMERICAN ANALYTICAL LABORATORIES
56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735
(631) 454-6100 • FAX (631) 454-8027
www.american-analytical.com

NYSDOH	11418
CTDOH	PH-0205
NJDEP	NY050
PADEP	68-573

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS: Preferred Environmental Services

CONTACT: Bill Schlageter

SAMPLER (SIGNATURE):

SAMPLER NAME (PRINT): Mark Morgenstern

SAMPLE(S) SEALED: YES / NO

CORRECT CONTAINER(S): YES / NO

TEMPERATURE (° C): 3.2

PROJECT LOCATION: 57-00 47th Street Maspeth, NY

ANALYSIS REQUIRED: PCBs EPA 8082 List; VOCs - Direct EPA 8260 List; SVOCs - Direct EPA 8270 List

LABORATORY ID# LAB USE ONLY	MATRIX/ TYPE	NO. OF CONTAINERS	SAMPLING DATE	SAMPLING TIME	SAMPLE # - LOCATION	PCBs	VOCs	SVOCs	
1309098-01AB	S	5	9/19/13	15:00	B-1 (12.5-13 ft bgs)	X	X		2-NaHSO4 - 1-MeOH 1-1oz, 1-2
02AB	S	5	9/19/13	15:15	B-2 (12.5-13 ft bgs)	X	X		↓

COMMENTS / INSTRUCTIONS: Samples must be on ICE (<6° C)

MATRIX S=SOIL; W=WATER; SL=SLUDGE; A=AIR; M=MISCELLANEOUS
TYPE G=GRAB; C=COMPOSITE

TURNAROUND REQUIRED: STANDARD ☒ (7-10 business days) STAT ☐ BY / /

E-MAIL ADDRESS FOR RESULTS:

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME
	9/20/13 1440	Mark Morgenstern		9/20/13 1440	Cate Fenroe
RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

American Analytical Laboratories, LLC.

Sample Receipt Checklist

Client Name **PREFERRED** Date and Time Receive **9/20/2013 3:34:27 PM**

Work Order Numbe **1309098** RcptNo: **1** Received by **CF**

COC_ID: CoolerID:

Checklist completed by Signature 9/20/13 Date Reviewed by Initials 9/23/13 Date

Matrix: Carrier name Courier

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Presen ☐
Custody seals intact on shippping container/cooler?	Yes ☐	No ☐	Not Presen ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Presen ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Water - VOA vials have zero headspace?	No VOA vials submitted ☑	Yes ☐	No ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☐

Adjusted? Checked b

Any No and/or NA (not applicable) response must be detailed in the comments section be

Client contacted Date contacted: Person contacted

Contacted by: Regarding:

Comments:

Corrective Action

American Analytical Laboratories, LLC. **Date:** *26-Sep-13*

CLIENT: Preferred Environmental Services
Project: 57-00 47th St., Maspeth, NY
Lab Order: 1309098

CASE NARRATIVE

Samples were analyzed using the methods outlined in the following references:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846 and additional methods as detailed throughout the text of the report.

All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objectives with exceptions notated in this Narrative discussion and/or in the QC Summary Section of the lab report with appropriate qualifiers.

Additional quality control information such as surrogate recovery values for organic testing is provided as part of the analytical results.

Volatile LCS are analyzed with preservatives - HCL/NaHSO4/Methanol depending on level of analysis (high/low) similar to sample analysis. Outliers can be attributed to the presence of chemical preservatives.

The test results meet the requirements of the NYSDOH and NELAC standards, except where noted. The information contained in this analytical reports is the sole property of American Analytical Laboratories, LLC. or the client for which this report was issued. The results contained in this report are only representative of the samples received. American Analytical is only responsible for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt for those samples that were not collected by NYS ELAP certified laboratory personnel. The sample receipt checklist is included as part of this lab report. Conditions can vary at different times and at different sampling conditions. American Analytical is not responsible for the use or interpretation of the data included herein.

Lori Beyer
Laboratory Director

American Analytical Laboratories, LLC.

Date: *26-Sep-13*

ELAP ID : 11418

CLIENT:	Preferred Environmental Services	**Client Sample ID:**	B-1 (12.5-13ft bgs)
Lab Order:	1309098	**Collection Date:**	9/19/2013 3:00:00 PM
Project:	57-00 47th St., Maspeth, NY	**Matrix:**	SOIL
Lab ID:	1309098-01A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 8260 (GASOLINE)			**SW8260C**		**SW5035A**		Analyst: **LA**
1,2,4-Trimethylbenzene	U	0.89	4.4		µg/Kg-dry	1	9/23/2013 5:45:00 PM
1,3,5-Trimethylbenzene	U	0.89	4.4		µg/Kg-dry	1	9/23/2013 5:45:00 PM
4-Isopropyltoluene	U	0.89	4.4		µg/Kg-dry	1	9/23/2013 5:45:00 PM
Benzene	U	0.89	4.4		µg/Kg-dry	1	9/23/2013 5:45:00 PM
Ethylbenzene	U	0.89	4.4		µg/Kg-dry	1	9/23/2013 5:45:00 PM
Isopropylbenzene	U	0.89	4.4		µg/Kg-dry	1	9/23/2013 5:45:00 PM
m,p-Xylene	U	1.77	8.9		µg/Kg-dry	1	9/23/2013 5:45:00 PM
Methyl tert-butyl ether	U	0.89	4.4		µg/Kg-dry	1	9/23/2013 5:45:00 PM
Naphthalene	U	0.89	4.4		µg/Kg-dry	1	9/23/2013 5:45:00 PM
n-Butylbenzene	U	0.89	4.4		µg/Kg-dry	1	9/23/2013 5:45:00 PM
n-Propylbenzene	U	0.89	4.4		µg/Kg-dry	1	9/23/2013 5:45:00 PM
o-Xylene	U	0.89	4.4		µg/Kg-dry	1	9/23/2013 5:45:00 PM
sec-Butylbenzene	1.1	0.89	4.4	J	µg/Kg-dry	1	9/23/2013 5:45:00 PM
tert-Butylbenzene	U	0.89	4.4		µg/Kg-dry	1	9/23/2013 5:45:00 PM
Toluene	U	0.89	4.4		µg/Kg-dry	1	9/23/2013 5:45:00 PM
Surr: 4-Bromofluorobenzene	80.9	0	56-133		%REC	1	9/23/2013 5:45:00 PM
Surr: Toluene-d8	93.1	0	69-125		%REC	1	9/23/2013 5:45:00 PM

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Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration acceptability criteria exceeded for this analyte
E	Value above quantitation range	H	Holding time was exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	N	Parameter not offered by NY ELAP
P	>40% diff for detected conc between the two GC columns	S	Spike Recovery outside accepted recovery limits
U	Compound was analyzed but not detected.		

American Analytical Laboratories, LLC.

Date: *26-Sep-13*

ELAP ID : 11418

CLIENT:	Preferred Environmental Services	**Client Sample ID:**	B-1 (12.5-13ft bgs)
Lab Order:	1309098	**Collection Date:**	9/19/2013 3:00:00 PM
Project:	57-00 47th St., Maspeth, NY	**Matrix:**	SOIL
Lab ID:	1309098-01B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PERCENT MOISTURE			**D2216**				Analyst: **CF**
Percent Moisture	17.3	0	0	N	wt%	1	9/24/2013
SEMIVOLATILE SW-846 METHOD 8270 (FUEL)			**SW8270D**		**SW3546**		Analyst: **MH**
Acenaphthene	U	29.6	300		µg/Kg-dry	1	9/26/2013 4:32:00 AM
Acenaphthylene	U	29.6	300		µg/Kg-dry	1	9/26/2013 4:32:00 AM
Anthracene	300	29.6	300		µg/Kg-dry	1	9/26/2013 4:32:00 AM
Benzo(a)anthracene	640	29.6	300		µg/Kg-dry	1	9/26/2013 4:32:00 AM
Benzo(a)pyrene	650	29.6	300		µg/Kg-dry	1	9/26/2013 4:32:00 AM
Benzo(b)fluoranthene	650	29.6	300		µg/Kg-dry	1	9/26/2013 4:32:00 AM
Benzo(g,h,i)perylene	470	29.6	300		µg/Kg-dry	1	9/26/2013 4:32:00 AM
Benzo(k)fluoranthene	480	29.6	300		µg/Kg-dry	1	9/26/2013 4:32:00 AM
Chrysene	750	29.6	300		µg/Kg-dry	1	9/26/2013 4:32:00 AM
Dibenzo(a,h)anthracene	120	29.6	300	J	µg/Kg-dry	1	9/26/2013 4:32:00 AM
Fluoranthene	1600	29.6	300		µg/Kg-dry	1	9/26/2013 4:32:00 AM
Fluorene	U	29.6	300		µg/Kg-dry	1	9/26/2013 4:32:00 AM
Indeno(1,2,3-c,d)pyrene	500	29.6	300		µg/Kg-dry	1	9/26/2013 4:32:00 AM
Phenanthrene	920	29.6	300		µg/Kg-dry	1	9/26/2013 4:32:00 AM
Pyrene	1400	29.6	300		µg/Kg-dry	1	9/26/2013 4:32:00 AM
Surr: 2-Fluorobiphenyl	59.7	0	22-146		%REC	1	9/26/2013 4:32:00 AM
Surr: 4-Terphenyl-d14	63.0	0	14-149		%REC	1	9/26/2013 4:32:00 AM
Surr: Nitrobenzene-d5	59.0	0	14-148		%REC	1	9/26/2013 4:32:00 AM

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E	Value above quantitation range	H	Holding time was exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	N	Parameter not offered by NY ELAP
P	>40% diff for detected conc between the two GC columns	S	Spike Recovery outside accepted recovery limits
U	Compound was analyzed but not detected.		

American Analytical Laboratories, LLC.

Date: *26-Sep-13*

ELAP ID : 11418

CLIENT:	Preferred Environmental Services	**Client Sample ID:**	B-2 (12.5-13ft bgs)
Lab Order:	1309098	**Collection Date:**	9/19/2013 3:15:00 PM
Project:	57-00 47th St., Maspeth, NY	**Matrix:**	SOIL
Lab ID:	1309098-02A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 8260 (GASOLINE)			**SW8260C**		**SW5035A**		Analyst: **LA**
1,2,4-Trimethylbenzene	U	0.88	4.4		µg/Kg-dry	1	9/23/2013 6:11:00 PM
1,3,5-Trimethylbenzene	U	0.88	4.4		µg/Kg-dry	1	9/23/2013 6:11:00 PM
4-Isopropyltoluene	U	0.88	4.4		µg/Kg-dry	1	9/23/2013 6:11:00 PM
Benzene	U	0.88	4.4		µg/Kg-dry	1	9/23/2013 6:11:00 PM
Ethylbenzene	U	0.88	4.4		µg/Kg-dry	1	9/23/2013 6:11:00 PM
Isopropylbenzene	U	0.88	4.4		µg/Kg-dry	1	9/23/2013 6:11:00 PM
m,p-Xylene	U	1.76	8.8		µg/Kg-dry	1	9/23/2013 6:11:00 PM
Methyl tert-butyl ether	U	0.88	4.4		µg/Kg-dry	1	9/23/2013 6:11:00 PM
Naphthalene	U	0.88	4.4		µg/Kg-dry	1	9/23/2013 6:11:00 PM
n-Butylbenzene	U	0.88	4.4		µg/Kg-dry	1	9/23/2013 6:11:00 PM
n-Propylbenzene	U	0.88	4.4		µg/Kg-dry	1	9/23/2013 6:11:00 PM
o-Xylene	U	0.88	4.4		µg/Kg-dry	1	9/23/2013 6:11:00 PM
sec-Butylbenzene	1.5	0.88	4.4	J	µg/Kg-dry	1	9/23/2013 6:11:00 PM
tert-Butylbenzene	U	0.88	4.4		µg/Kg-dry	1	9/23/2013 6:11:00 PM
Toluene	U	0.88	4.4		µg/Kg-dry	1	9/23/2013 6:11:00 PM
Surr: 4-Bromofluorobenzene	69.0	0	56-133		%REC	1	9/23/2013 6:11:00 PM
Surr: Toluene-d8	87.8	0	69-125		%REC	1	9/23/2013 6:11:00 PM

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E	Value above quantitation range	H	Holding time was exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	N	Parameter not offered by NY ELAP
P	>40% diff for detected conc between the two GC columns	S	Spike Recovery outside accepted recovery limits
U	Compound was analyzed but not detected.		

American Analytical Laboratories, LLC.

Date: *26-Sep-13*

ELAP ID : 11418

CLIENT:	Preferred Environmental Services	**Client Sample ID:**	B-2 (12.5-13ft bgs)
Lab Order:	1309098	**Collection Date:**	9/19/2013 3:15:00 PM
Project:	57-00 47th St., Maspeth, NY	**Matrix:**	SOIL
Lab ID:	1309098-02B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PERCENT MOISTURE			**D2216**				Analyst: **CF**
Percent Moisture	17.2	0	0	N	wt%	1	9/24/2013
SEMIVOLATILE SW-846 METHOD 8270 (FUEL)			**SW8270D**		**SW3546**		Analyst: **MH**
Acenaphthene	U	29.8	300		µg/Kg-dry	1	9/26/2013 4:58:00 AM
Acenaphthylene	U	29.8	300		µg/Kg-dry	1	9/26/2013 4:58:00 AM
Anthracene	360	29.8	300		µg/Kg-dry	1	9/26/2013 4:58:00 AM
Benzo(a)anthracene	1100	29.8	300		µg/Kg-dry	1	9/26/2013 4:58:00 AM
Benzo(a)pyrene	870	29.8	300		µg/Kg-dry	1	9/26/2013 4:58:00 AM
Benzo(b)fluoranthene	830	29.8	300		µg/Kg-dry	1	9/26/2013 4:58:00 AM
Benzo(g,h,i)perylene	520	29.8	300		µg/Kg-dry	1	9/26/2013 4:58:00 AM
Benzo(k)fluoranthene	660	29.8	300		µg/Kg-dry	1	9/26/2013 4:58:00 AM
Chrysene	1100	29.8	300		µg/Kg-dry	1	9/26/2013 4:58:00 AM
Dibenzo(a,h)anthracene	140	29.8	300	J	µg/Kg-dry	1	9/26/2013 4:58:00 AM
Fluoranthene	2300	29.8	300		µg/Kg-dry	1	9/26/2013 4:58:00 AM
Fluorene	U	29.8	300		µg/Kg-dry	1	9/26/2013 4:58:00 AM
Indeno(1,2,3-c,d)pyrene	570	29.8	300		µg/Kg-dry	1	9/26/2013 4:58:00 AM
Phenanthrene	1100	29.8	300		µg/Kg-dry	1	9/26/2013 4:58:00 AM
Pyrene	2300	29.8	300		µg/Kg-dry	1	9/26/2013 4:58:00 AM
Surr: 2-Fluorobiphenyl	57.9	0	22-146		%REC	1	9/26/2013 4:58:00 AM
Surr: 4-Terphenyl-d14	64.0	0	14-149		%REC	1	9/26/2013 4:58:00 AM
Surr: Nitrobenzene-d5	55.4	0	14-148		%REC	1	9/26/2013 4:58:00 AM

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Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration acceptability criteria exceeded for this analyte
E	Value above quantitation range	H	Holding time was exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection
LOQ	Limit of Quantitation	N	Parameter not offered by NY ELAP
P	>40% diff for detected conc between the two GC columns	S	Spike Recovery outside accepted recovery limits
U	Compound was analyzed but not detected.		

CLIENT: Preferred Environmental Services
Work Order: 1309098
Project: 57-00 47th St., Maspeth, NY

ANALYTICAL QC SUMMARY REPORT

TestCode: DRY8260GAS_SOIL

Sample ID: **LCS-41873**	SampType: **LCS**	TestCode: **DRY8260GAS**	Units: **µg/Kg**	Prep Date: **9/23/2013**	RunNo: **70469**
Client ID: **LCSS**	Batch ID: **41873**	TestNo: **SW8260C**	**SW5035A**	Analysis Date: **9/23/2013**	SeqNo: **1005277**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	43	5.0	50.00	0	86.5	36	126				
Ethylbenzene	34	5.0	50.00	0	68.1	42	124				
Toluene	38	5.0	50.00	0	76.7	43	121				
Surr: 4-Bromofluorobenzene	51		50.00		103	56	133				
Surr: Toluene-d8	50		50.00		101	69	125				

Sample ID: **MB-41873**	SampType: **MBLK**	TestCode: **DRY8260GAS**	Units: **µg/Kg**	Prep Date: **9/23/2013**	RunNo: **70469**
Client ID: **PBS**	Batch ID: **41873**	TestNo: **SW8260C**	**SW5035A**	Analysis Date: **9/23/2013**	SeqNo: **1005278**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trimethylbenzene	U	5.0									
1,3,5-Trimethylbenzene	U	5.0									
4-Isopropyltoluene	U	5.0									
Benzene	U	5.0									
Ethylbenzene	U	5.0									
Isopropylbenzene	U	5.0									
m,p-Xylene	U	10									
Methyl tert-butyl ether	U	5.0									
Naphthalene	U	5.0									
n-Butylbenzene	U	5.0									
n-Propylbenzene	U	5.0									
o-Xylene	U	5.0									
sec-Butylbenzene	U	5.0									
tert-Butylbenzene	U	5.0									
Toluene	U	5.0									
Surr: 4-Bromofluorobenzene	48		50.00		96.2	56	133				
Surr: Toluene-d8	47		50.00		94.8	69	125				

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration acceptability criteria exceeded for this analyte	H	Holding time was exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection	LOQ	Limit of Quantitation
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	U	Compound was analyzed but not dete

CLIENT: Preferred Environmental Services
Work Order: 1309098
Project: 57-00 47th St., Maspeth, NY

ANALYTICAL QC SUMMARY REPORT

TestCode: DRY8270FUEL_SOIL

Sample ID: MB-41897	SampType: MBLK	TestCode: DRY8270FUE	Units: µg/Kg	Prep Date: 9/25/2013	RunNo: 70494
Client ID: PBS	Batch ID: 41897	TestNo: SW8270D	SW3546	Analysis Date: 9/25/2013	SeqNo: 1005651

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	U	240									
Acenaphthylene	U	240									
Anthracene	U	240									
Benzo(a)anthracene	U	240									
Benzo(a)pyrene	U	240									
Benzo(b)fluoranthene	U	240									
Benzo(g,h,i)perylene	U	240									
Benzo(k)fluoranthene	U	240									
Chrysene	U	240									
Dibenzo(a,h)anthracene	U	240									
Fluoranthene	U	240									
Fluorene	U	240									
Indeno(1,2,3-c,d)pyrene	U	240									
Phenanthrene	U	240									
Pyrene	U	240									
Surr: 2-Fluorobiphenyl	680		975.6		69.2	22	146				
Surr: 4-Terphenyl-d14	920		975.6		94.2	14	149				
Surr: Nitrobenzene-d5	680		975.6		69.4	14	148				

Sample ID: LCS-41897	SampType: LCS	TestCode: DRY8270FUE	Units: µg/Kg	Prep Date: 9/25/2013	RunNo: 70494
Client ID: LCSS	Batch ID: 41897	TestNo: SW8270D	SW3546	Analysis Date: 9/25/2013	SeqNo: 1005652

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	1300	250	1965	0	67.4	35	134				
Acenaphthylene	1400	250	1965	0	72.0	24	136				
Anthracene	1400	250	1965	0	70.2	33	135				
Benzo(a)anthracene	1400	250	1965	0	70.0	35	134				
Benzo(a)pyrene	1300	250	1965	0	64.0	39	134				
Benzo(b)fluoranthene	1400	250	1965	0	69.0	30	135				
Benzo(g,h,i)perylene	1300	250	1965	0	68.4	23	144				
Benzo(k)fluoranthene	1300	250	1965	0	68.0	30	141				

Qualifiers:
B Analyte detected in the associated Method Blank
C Calibration acceptability criteria exceeded for this analyte
H Holding time was exceeded
J Analyte detected below quantitation limits
LOD Limit of Detection
LOQ Limit of Quantitation
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits
U Compound was analyzed but not dete

CLIENT: Preferred Environmental Services
Work Order: 1309098
Project: 57-00 47th St., Maspeth, NY

ANALYTICAL QC SUMMARY REPORT

TestCode: DRY8270FUEL_SOIL

Sample ID: LCS-41897	SampType: LCS	TestCode: DRY8270FUE	Units: µg/Kg	Prep Date: 9/25/2013	RunNo: 70494
Client ID: LCSS	Batch ID: 41897	TestNo: SW8270D	SW3546	Analysis Date: 9/25/2013	SeqNo: 1005652

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chrysene	1400	250	1965	0	69.3	25	137				
Dibenzo(a,h)anthracene	1400	250	1965	0	70.4	15	135				
Fluoranthene	1200	250	1965	0	58.7	22	132				
Fluorene	1400	250	1965	0	68.8	23	135				
Indeno(1,2,3-c,d)pyrene	1300	250	1965	0	67.3	30	156				
Phenanthrene	1300	250	1965	0	67.6	32	145				
Pyrene	1500	250	1965	0	78.5	20	155				
Surr: 2-Fluorobiphenyl	670		982.3		68.4	22	146				
Surr: 4-Terphenyl-d14	730		982.3		74.5	14	149				
Surr: Nitrobenzene-d5	720		982.3		72.8	14	148				

Qualifiers:

B	Analyte detected in the associated Method Blank	C	Calibration acceptability criteria exceeded for this analyte	H	Holding time was exceeded
J	Analyte detected below quantitation limits	LOD	Limit of Detection	LOQ	Limit of Quantitation
R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	U	Compound was analyzed but not dete

PHASE I ENVIRONMENTAL SITE ASSESSMENT

for

57-00, 57-05, 57-57 and 58-20 47th Street
Maspeth, Queens, New York

Prepared For:

Bay Crane Service of New York
11-02 43rd Street
Long Island City, New York 11101

Prepared By:

Langan Engineering, Environmental, Surveying,
Landscape Architecture and Geology, D.P.C.
21 Penn Plaza
360 West 31st Street, 8th Floor
New York, New York 10001

Jeffrey Stoicescu, PE
Vice President/Senior Associate

July 21, 2021
Langan Project No. 170686701

LANGAN

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FIGURES

Figure 1 Subject Property Location Map
Figure 2 Subject Property Plan
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APPENDICES

Appendix A Site Reconnaissance Photographs
Appendix B User/Owner Questionnaires
Appendix C Previous Environmental Reports
Appendix D Environmental Data Resources Inc.™ Report
Appendix E Freedom of Information Act Requests and Responses
Appendix F New York City Department of Building Records
Appendix G FEMA Flood Map
Appendix H New York City Planning Commission Zoning Map
Appendix I Aerial Photographs
Appendix J Sanborn® Fire Insurance Maps
Appendix K Historical USGS Topographic Quadrangle Maps
Appendix L City Directory Abstract
Appendix M Environmental Lien Search
Appendix N Resumes

EXECUTIVE SUMMARY

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) was retained by Bay Crane Service of New York (the User) to prepare a Phase I Environmental Site Assessment (ESA) for the properties located at 57-00, 57-05, 57-57, and 58-20 47th Street in the Maspeth neighborhood of Queens, New York (collectively the Subject Property). The Subject Property is identified on the Queens Borough Tax Map as Block 2601, Lots 1 and 6, and Block 2602, Lots 68 and 72. The approximately 168,000-square-foot Subject Property is situated on the northern part of Block 2601 and northeastern part of Block 2602, and is transected by 47th Street. The Subject Property is situated on the city blocks bound by 58th Road to the north, 49th Place to the east, Grand Avenue to the south, and Newtown Creek to the west. The Subject Property is vacant with the exception of the southern area of the Lot 72 which is used by a scaffolding company for staging and storage of equipment. The Subject Property was most recently occupied by a trucking company and US Concrete Inc., a concrete processing/recycling facility (Lots 1 and 6), a delicatessen (Lot 68), and a food services/food truck storage company (Lot 72). A Subject Property Location Map is included as Figure 1 and a Subject Property Plan is provided as Figure 2.

Block 2601 Lots 1 and 6 are subject to an Order on Consent ("Order"), dated April 2021 between the Subject Property owner and New York State Department of Environmental Conservation (NYSDEC). The Order relates to the unauthorized operation of a solid waste and aggregate processing facility, installation of a concrete wall within a wetlands buffer area without a NYSDEC permit and failure to restore the wetlands buffer area along the western boundary of the Subject Property. The active remedial Work associated with bringing the Subject Property into compliance with the Order is anticipated to be completed prior to the transfer of ownership to the User.

This Phase I ESA was completed in general accordance with ASTM International (ASTM) Standard E1527-13 (Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process) and the United States Environmental Protection Agency (USEPA) All Appropriate Inquires (AAI) Rule, for the purpose of identifying recognized environmental conditions (REC), and historical RECs (HREC), controlled RECs (CREC). CRECs were not identified at the Subject Property. Two RECs, one HREC and one de minimis condition were identified and are discussed below.

REC

A REC is defined by ASTM E1527-13 as the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property due to any release to the environment,

under conditions indicative of a release to the environment, or under conditions that pose a material threat of a future release to the environment. The following RECs were identified and are shown of Figure 3:

REC 1 – Historical Use of Subject Property

Historical operations at the Subject Property included a 'fertilizer works' facility (1902 to 1914), an oil depot with petroleum bulk storage (1914 to 1936), truck parking (1974 to 1991), truck repair (1982 to 2006), a waste transfer facility with petroleum bulk storage (2004 to 2021), and auto repair (2013, 2014) on Lots 1 and 6; and a motor freight station with petroleum bulk storage (1963, 1982 to 2006) on Lot 72. The Subject Property is listed as an active facility on the Solid Waste Facilities/Landfill Sites (SWF/LF) database for the processing of construction and demolition (C&D) waste; however, based on the site reconnaissance this operation ceased in early 2021. Historical operations at the Subject Property may have resulted in inadvertent releases of hazardous substances or petroleum products.

REC 2 – Western-Adjoining Superfund Site

Newtown Creek, which is listed in the National Priority List (NPL) and Superfund Enterprise Management System (SEMS) databases. Contamination in the creek is attributed to combined sewer overflow (CSO) and historical industrial facilities on the creek banks. Facilities included over 50 oil refineries, petrochemical plants, fertilizer and glue factories, sawmills, and lumber and coal yards. A remedial investigation is presently underway for the entire Creek and a focused feasibility study (FFS) is currently being prepared by responsible parties regarding a combined sewer outfall (CSO) long term control plan, pursuant to the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). Given that the remedial investigation and a focused feasibility study are underway by the responsible parties, it is unknown as to whether there is any impact to the Subject Property.

HREC

A HREC is defined by ASTM E1527-13 as the past release of any hazardous substances or petroleum products that has occurred in connection with the Subject Property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the Subject Property to any required controls.

HREC 1 – Closed Spills on the Subject Property

The Subject Property is listed on the Leaking Tanks (LTANKS) and NY SPILLS databases for six spills summarized below:

- NYSDEC Spill No. 94-11004 was reported on November 17, 1994 was after the release of an unknown volume of gasoline. The spill was administratively closed on November 17, 1994.

- NYSDEC Spill No. 97-09690 was reported on November 20, 1997 after the release of an unknown volume of diesel oil on soil. No further information regarding the spill was provided. The spill was administratively closed on January 8, 1998

- NYSDEC Spill No. 98-12248 was reported on January 4, 1999 after petroleum-impacted soil was identified during removal of an underground storage tank (UST). Petroleum-impacted soil was removed and documentation endpoints samples were collected. The spill was remediated to the satisfactory of NYSDEC and the spill was administratively closed on July 12, 2006.

- NYSDEC Spill No. 07-09978 was reported after a UST failed a tank tightness test on December 18, 2007. The tank lines were re-tested and it was determined that the vent line failed due to a loose fitting. Evidence of petroleum contamination to the subsurface was not observed and the spill was administratively closed December 28, 2007.

- NYSDEC Spill No. 08-08170 was reported on October 21, 2008 after a call was made to the NYSDEC citing active release of petroleum substances, and illegal storage and refueling of vehicles at the Subject Property. A limited subsurface investigation completed in 2009 consisting of advancing six soil borings and collection of soil samples identified petroleum impacts to soil ranging from surface grade to about 8 feet below grade surface. About 381.04 tons of petroleum-impacted soil was excavated and disposed of in 2010. Documentation soil samples and groundwater samples collected post-remediation confirmed that the spill was remediated to the satisfaction of the NYSDEC. The spill was administratively closed on October 27, 2012.

- NYSDEC Spill No. 13-06438 was reported on September 19, 2013 after diesel contaminated soil and pea gravel was identified in tank vault during removal of a 4,000-gallon UST. Further information regarding the remediation was unavailable; however, a closure report summarizing the remedial work and analytical data was prepared for NYSDEC. The spill was remediated to the satisfaction of the NYSDEC, and the spill was administratively closed on February 12, 2014.

De Minimis Condition

A de minimis condition is defined by ASTM E1527-13 as a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimis conditions are not recognized environmental conditions nor controlled recognized environmental conditions.

De minimis oil-like staining was observed throughout Lot 6 including the interior warehouse space, near the mechanics pits, in the vicinity of a former ASTs, throughout the concrete-paved parking areas to the south, east, and west of the building, and underneath a parked excavator; and on Lot 72 throughout the interior warehouse space, truck access bays and exterior concrete-paved parking areas. Surficial concrete cracks, joints or exposed soil were not observed in stained areas; however, staining was observed near the wall/floor seams near the former above ground storage tank (AST) area. The staining is considered a de minimis condition.

1.0 INTRODUCTION

Langan was retained by Bay Crane Service of New York (the User) to prepare a Phase I Environmental Site Assessment (ESA) for the properties at 57-00, 57-05, 57-57, and 58-20 47th Street in the Maspeth neighborhood of Queens, New York (collectively the Subject Property). This Phase I ESA was performed for the User in general accordance with ASTM International's (ASTM) Standard E1527-13 (Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process) and the United States Environmental Protection Agency's (USEPA) All Appropriate Inquires (AAI) Rule. The purpose of this Phase I ESA is to accomplish the following:

1. Identify Recognized Environmental Conditions (RECs) in connection with the Subject Property, as defined in The Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, Designation E1527-13, which states: The presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. The term is not intended to include de minimis conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

2. Provide services consistent with the USEPA 40 Code of Federal Regulations (CFR) Part 312 Subpart C Standards and Practices §312.20 AAI Rule.

1.1. Scope of the ESA

This Phase I ESA was conducted using a standard of good commercial and customary practice that is consistent with ASTM E1527-13. No significant scope-of-work additions, deletions, or deviations to ASTM E1527-13 were made in connection with this report, as described in Section 8.0. In general, the scope of this assessment consisted of obtaining information from the User; reviewing reasonably ascertainable information and environmental data relating to the Subject Property; reviewing maps and records maintained by federal, state, and local regulatory agencies; interviewing persons knowledgeable about the Subject Property; and conducting a site reconnaissance. The specific scope of this assessment included the following:

1. A site reconnaissance to characterize conditions and assess the Subject Property's location with respect to adjoining and surrounding property uses and natural surface features. The reconnaissance included the surrounding roads and observations of

surrounding properties from public rights-of-way to identify obvious potential environmental conditions on neighboring properties. The site reconnaissance was conducted in a systematic manner focusing on the spatial extent of the Subject Property and then progressing to adjoining and surrounding properties. Photographs taken as part of the site reconnaissance are included in Appendix A.

2. A review of the response to the User questionnaire. The completed questionnaire is included in Appendix B.
3. A review of available previous environmental reports completed for the Subject Property. Copies of the reports are included in Appendix C.
4. A review of environmental databases maintained by the USEPA, state, and local agencies within the approximate minimum search area. The environmental database report was provided by Environmental Data Resources, Inc. (EDR), and is included in Appendix D.
5. Filing of Freedom of Information Act (FOIA) requests with federal, state, and local agencies. Copies of the FOIA requests are included in Appendix E.
6. A review of New York City Department of Buildings (NYCDOB) records, Federal Emergency Management Agency (FEMA) Flood Maps and a Planning Commission Zoning Map. Available NYCDOB records, the FEMA Map and the Zoning Map are included in Appendices F, G and H respectively.
7. A review of physical characteristics of the Subject Property through a review of referenced sources for topographic, geologic, soils, and hydrologic data.
8. A review and interpretation of aerial photographs, Sanborn® Fire Insurance Maps (Sanborn® Maps), historical topographic maps, and city directories to identify previous activities on and in the vicinity of the Subject Property. Copies are included in Appendices I, J, K, and L respectively.
9. A review of an environmental lien search for the Subject Property. A copy of the environmental lien search report is included in Appendix M.
10. A review of published radon occurrence maps to evaluate whether the Subject Property is located in an area with a propensity for elevated radon levels.

1.2. Assumptions, Limitations, and Exceptions

This Phase I ESA report was prepared for Bay Crane Service of New York for the Subject Property located at 57-00, 57-05, 57-57, and 58-20 47th Street in the Maspeth neighborhood of Queens, New York. The report is intended to be used in its entirety. Excerpts taken from this report are not necessarily representative of the assessment findings. Langan cannot assume responsibility

for use of this report for any property other than the Subject Property addressed herein, or by any other third party without a written authorization from Langan.

Langan's scope of services, which is described in Section 1.1, was limited to that agreed to with the User and no other services beyond those explicitly stated are implied. The services performed and agreed upon for this effort comports to those prescribed in the ASTM Standard E1527-13. Intrusive sampling (i.e., soil borings and groundwater sampling) was not performed as part of this Phase I ESA.

This Phase I ESA was not intended to be a definitive investigation of possible environmental impacts at the Subject Property. The purpose of this investigation was limited to determining if there are any RECs affecting the Subject Property. It should be understood that even the most comprehensive Phase I ESA might fail to detect environmental liabilities at a particular Subject Property. Therefore, Langan cannot "insure" or "certify" that the Subject Property is free of environmental impacts. No expressed or implied representation or warranty is included or intended in this report, except that our services were performed, within the limits prescribed by our client, with the customary standard of care exercised by professionals performing similar services under similar circumstances within the same jurisdiction.

The conclusions, opinions, and recommendations provided in this report are based solely on the specific activities as required for the performance of ASTM E1527-13 and are intended exclusively for the purpose stated herein, at the specified Subject Property, as it existed at the time of our site visits.

2.0 SITE DESCRIPTION

2.1. Location and Description

The Subject Property is located at 57-00, 57-05, 57-57, and 58-20 47th Street and is identified on the Queens Borough Tax Map as Block 2601, Lots 1 and 6 and Block 2602, Lots 68 and 72. The approximately 168,000-square-foot Subject Property is situated on the northern part of Block 2601 and northeastern part of Block 2602, and is transected by 47th Street. The Subject Property is situated on the city blocks bound by 58th Road to the north, 49th Place to the east, Grand Avenue to the south, and Newtown Creek to the west. The Subject Property is improved upon with a vacant slab-on-grade one-story building with a mezzanine level (Lot 6), and two slab-on-grade one-story buildings (Lots 68 and 72). The remainder of the Subject Property is improved with concrete/asphalt parking space. The Subject Property is currently vacant, however, it was most recently operated by a trucking company and by US Concrete Inc., a concrete processing/recycling facility (Lots 1 and 6), a delicatessen (Lot 68), and a food services/food truck storage company (Lot 72). A Subject Property Location Map is included as Figure 1 and a Subject Property Plan is included as Figure 2.

According to the United States Geological Survey (USGS) Central Park Quadrangle 7.5-minute Series Topographic Map, the Subject Property sits at an elevation of about 9 feet above mean sea level (msl) and the surrounding area slopes gradually to the southwest towards Newtown Creek. Based on visual observations of the surrounding area during the site reconnaissance, the Subject Property is located within an industrial area characterized by one- to two-story commercial and manufacturing/industrial buildings. Site reconnaissance photographs are included in Appendix A. Surrounding property use is summarized in the following table:

Direction	Block	Lot	Adjoining Properties	Surrounding Properties
North	58th Road			Industrial-use buildings and Maspeth Creek
	2600	1	One- to two-story building and asphalt-paved parking occupied by NYC Department of Sanitation (DSNY) (47-01 48th Street)	
South	2601	25	NYC Department of Environmental Protection (DEP)Newtown Creek aeriation facility, parking and vegetated land	Industrial-use buildings, Grand Avenue
East	2602	90	One-story warehouse and asphalt-paved parking operated by Raja Foods and Vegetables Inc.	Commercial- and industrial-use buildings, parking, vacant land
		58	One-story warehouse and asphalt-paved parking lot operated by LaserShip shipping service	
		52	One-story industrial/manufacturing building occupied by Safeway Carting	
West	Newtown Creek			Industrial-use buildings

2.2. Description of Site Improvements

Improvements at the Subject Property are summarized in the following table:

SITE IMPROVEMENTS	
Size of the Subject Property	About 168,000 square feet
Buildings/Spaces/Structures	Lot 6: 20,000-square foot single-story slab-on-grade warehouse/office building occupying the central-eastern part of the lot Lot 72: 4,000-square foot single-story slab-on-grade warehouse/office building occupying the western part of the lot Lot 68: 2,000-square foot slab-on-grade commercial building occupying the southwestern part of the lot
Surface Water	None
Potable Water Source	Municipal
Sanitary and Storm Sewer Utilities	Lot 6: Four, large metal/concrete hatches in a row were observed at the southern part of the Lot. According to the site representative, these drain directly to the subsurface. All lots: Sewer drains were observed in exterior areas of the Subject Property and reportedly connected to the New York City municipal or sanitary systems.
Electrical Utilities	Con Edison
Construction Completion Date	1964 (Lot 72); 1966 (Lot 68); 1974 (Lot 6)
General Construction Type	Masonry and steel construction.
Cooling and Ventilation System Type	Heating, ventilation, and air conditioning (HVAC) units, including air conditioners, were observed on the roofs and/or on exterior walls.
Heating System Type	The buildings have natural gas- and/or electric-powered heating systems, which mainly consist of ceiling-mounted hot air blower units.
Emergency Power	None

2.3. Title Records

Langan researched ownership records for the Subject Property on the Automated City Register Information System (ACRIS) website (https://a836-acris.nyc.gov/DS/DocumentSearch/Index). According to ACRIS, the Subject Property is owned by SLMJL Family Property Owner LLC (Block 2601, Lot 1) and RL Family Property Owner LLC (Block 2601, Lot 6 and Block 2602, Lots 68 and 72). Title information available via ACRIS is summarized below:

Date	Document Type	First Party	Second Party
Block 2601, Lot 1			
11/13/2020	Deed	Lamanna, Sabatino	SLMJL Family Property Owner LLC
12/31/2008	Deed	Lamanna, Emilio	Lamanna, Emilio

Date	Document Type	First Party	Second Party
12/16/1986	Deed	Alfredo Lamanna Trucking	Lamanna, Emilio
9/7/1985	Deed	Galasso, Peter	Island Transportation CP
4/23/1985	Deed	Galasso, Peter	Alfredo Lamanna Trucking
1/18/1972	Deed	EJG Construction Corp.	Peter Galasso
1/18/1972	Deed	Galasso Peter	EJG Construction Corp.
Block 2601, Lot 6			
11/13/2020	Deed	57-00 Maspeth Avenue, LLC	RL Family Property Owner LLC
4/30/1998	Deed	Island Transportation Corporation	57-00 Maspeth Avenue, LLC
Block 2602, Lot 68			
11/13/2020	Deed	57-57 47th Street Mack, LLC	RL Family Property Owner LLC
11/28/2012	Deed	57-57 47th Street Realty Corp.	57-57 47th Street Mack, LLC
3/27/2001	Deed	Galasso, Nancy	57-57 47 St Realty Corp
3/27/2001	Deed	Galasso, Peter	Galasso, Nancy
10/23/1992	Deed	Galasso, Peter	Galasso, Nancy
5/1/1986	Deed	Johnson Ave Realty Co	Galasso, Peter
6/22/1970	Deed	Galaron Realty Corp	Peter Galasso
Block 2602, Lot 72			
11/13/2020	Deed	Fumo, LLC	RL Family Property Owner LLC
5/31/2006	Deed	Estate of Alfredo Lamanna	Fumo, LLC
11/9/1983	Deed	Here Realty Inc.	Lamanna, Alfredo
1/14/1983	Deed	Greenspan, Willim R. (Ref)	Here Realty Inc.
1/4/1973	Deed	Cestaro Joseph A	Leco Distributors Inc.

Trucking/transportation companies were identified on Block 2601, Lots 1 and 6 during the review of ACRIS documents. Unreported releases or spills of petroleum and/or hazardous substances associated with these historical trucking operations may have adversely impact soil, groundwater and/or soil vapor at the Subject Property and is considered a REC.

3.0 USER PROVIDED INFORMATION

3.1. User Questionnaire

Per ASTM E1527-13, a User questionnaire was provided to the User to inquire about specialized information related to the Subject Property. Philip Bernardo, representative of the User, completed the questionnaire. Mr. Bernardo stated that he is not aware of any environmental liens or land use limitations at the Subject Property. According to Mr. Bernardo, the purchase price of the Subject Property reasonably reflects fair market value and is not attributable to any contamination known or believed to be present at the Subject Property. The completed User questionnaire is included in Appendix B.

3.2. Previous Environmental Reports

An Order on Consent ("Order") dated April 2021 between the current owner of the Subject Property and New York State Department of Environmental Conservation (NYSDEC) (DEC File No. R2-20210416-53) was provided to Langan for review. The Order applies to the western half of the Subject Property (Block 2601, Lots 1 and 6), and cites the unauthorized operation of a solid waste registration and aggregate facility without a tidal wetlands permit, installation of a concrete wall within a tidal wetlands buffer area without a NYSDEC permit, and violations associated with a 2009 Order including failure to provide NYSDEC with sales and transfer agreements associated with the Subject Property, and failure to restore the wetlands buffer area along the western boundary of the Subject Property. The Order references violation of articles 15, 17, 25 and 27, and 34 of the NYS Environmental Conservation Law and New York State Title 6 of the Codes, Rules and Regulations (6NYCRR) Parts 360, 608, 661 and 750. Compliance activities outlined in the 2021 Order include the following:

- Closure of the solid waste and aggregate processing facilities, which includes removal of all waste materials;
- Implementation of a wetlands restoration plan, including removal of concrete/structural elements, and replanting of the high marsh area and buffer planting area;
- Monitoring the plantings over a five year period with annual reporting;
- Adhere to best management practices during removal and planting activities, and
- Record in the property records for lots 1 and 6 a restrictive declaration to identify and protect the tidal wetlands and vegetated buffer areas such by incursions by current or future owners, tenants, and occupants.

During the site reconnaissance, activity including removal of concrete surface cover, grading and placement of top soil was underway as part of the wetlands restoration worked required to bring

the Subject Property into compliance with the Order. Additionally, operation of the solid waste facility ceased in early 2021, with a majority of the stockpile concrete/aggregate materials removed from the site. Most of the Work associated with the Order will be complete prior to the transfer of ownership to the User. A copy of the Order is provided in Attachment C.

4.0 ENVIRONMENTAL RECORDS

A regulatory database search was provided by EDR and is included in Appendix D. The EDR report provides a listing of sites identified on select federal and state standard source environmental databases within the approximate search radius specified by ASTM E1527-13. Langan reviewed each environmental database on a record-by-record basis to evaluate whether the identified sites represent a potential for environmental impact to the Subject Property. Langan also reviewed "Orphan Sites" listed within the report. Orphan Sites are those sites that could not be mapped due to inadequate address information. Any Orphan Sites that were identified by Langan within the ASTM search radii, either during the site reconnaissance or by cross-referencing to mapped listings, are addressed in the discussion below.

The following table lists the number of sites identified in standard and additional environmental record databases, within the prescribed search area and appearing in the EDR Report.

DATABASE RECORD SUMMARY			
Database Reviewed (Date of government version)	**Minimum Search Area**	**Subject Property listed**	**Number of Sites Within Minimum Search Area**
USEPA DATABASES			
National Priorities List (NPL) (04/27/2021)	1 Mile Radius	No	1
Delisted NPL (04/27/2021)	1 Mile Radius	No	0
Superfund Enterprise Management System (SEMS, formerly CERCLIS) and SEMS-Archive (formerly known as CERCLIS-NFRAP) (04/27/2021)	1/2 Mile Radius	No	6
Resource Conservation and Recovery Act (RCRA) Corrective Reports (CORRACTS) (03/22/2021)	1 Mile Radius	No	0
RCRA Treatment, Storage, and Disposal Facilities (TSDF) (03/22/2021)	1/2 Mile Radius	No	0
RCRA Generators (Large Quantity Generator [LQG], Small Quantity Generator [SQG], Very Small Quantity Generator [VSQG], Conditionally Exempt Small Quantity Generator [CESQG], Non-Generators [Non-Gen]) (03/22/2021)	Subject Property and Adjoining Properties	Yes	3
Facility Index System (FINDS) (02/03/2021)	Subject Property	Yes	2

DATABASE RECORD SUMMARY			
Database Reviewed (Date of government version)	**Minimum Search Area**	**Subject Property listed**	**Number of Sites Within Minimum Search Area**
Environmental Response Notification System (ERNS) (12/14/2020)	Subject Property	No	0
Federal Engineering Controls (US ENG CONTROLS) Sites Lists (02/22/2021)	Subject Property	No	0
Federal Institutional Controls (US INST CONTROLS) Sites Lists (02/22/2021)	Subject Property	No	0
NYSDEC DATABASES			
Inactive Hazardous Waste Disposal Sites (SHWS) (02/09/2021)	1 Mile Radius	No	19*
Solid Waste or Landfill Facilities (SWF/LF) (12/31/2020)	1/2 Mile Radius	Yes	25
Leaking Storage Tanks (LTANKS) (02/09/2021)	1/2 Mile Radius	Yes	39
SPILLS Information Database (NY SPILLS) (02/09/2021)	1/8 Mile Radius	Yes	22
New York Engineering Controls (NY ENG CONTROLS) Sites Lists (02/09/2021)	Subject Property	No	0
New York Institutional Controls (NY INST CONTROLS) Sites Lists (02/09/2021)	Subject Property	No	0
NY Voluntary Cleanup Program (VCP) (02/09/2021)	1/2 Mile Radius	No	2
NY Brownfields (02/09/2021)	1/2 Mile Radius	No	1
Solid Waste Disposal Sites Registered Recycling Facility List (SWRCY) (12/31/2020)	1/2 Mile Radius	No	12
Chemical Bulk Storage (CBS) Underground Storage Tank (UST) and Aboveground Storage Tank (AST) Databases (12/17/2020)	Subject Property and Adjoining Properties	No	0
Major Oil Storage Facilities (MOSF) UST and AST Databases (12/17/2020)	Subject Property and Adjoining Properties	No	0

DATABASE RECORD SUMMARY			
Database Reviewed (Date of government version)	**Minimum Search Area**	**Subject Property listed**	**Number of Sites Within Minimum Search Area**
Registered and Historical Drycleaners (NY DRYCLEANERS) and Cleaners (03/09/2021)	1/4 Mile Radius	No	0
Petroleum Bulk Storage (PBS) Facilities UST and AST Databases (12/17/2020)	Subject Property and Adjoining Properties	Yes	8
EDR (PROPRIETARY) DATABASES			
EDR Former Manufactured Gas Plant (MGP) Sites (N/A)	1 Mile Radius	No	3
EDR US Historical Auto Stations (N/A)	1/8 Mile Radius	No	0
EDR US Historical Cleaners (N/A)	1/8 Mile Radius	No	0

N/A – Not Applicable; databases were reviewed as part of this Phase I ESA but not required as per ASTM E1527-13.
* - includes Orphan listings

A description of the reviewed databases is included in the EDR Report (Appendix D). A summary of sites identified within the prescribed search area is presented below.

4.1. Federal Agency Database Findings

The Subject Property and/or sites within the respective minimum search distances as specified by ASTM E1527-13 were not listed in the following federal agency databases: Delisted NPL, RCRA CORRACTS, RCRA TSDF, ERNS, US ENG CONTROLS, and US INST CONTROLS.

National Priorities List

The National Priority List database is a subset of the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) and identifies over 1,200 sites for priority cleanup under the Superfund program. The Subject Property was not listed in the NPL database. One site, Newtown Creek, was listed within the minimum search distance in the NPL database and is discussed below:

Site Name: Newtown Creek
Location: Western-adjoining property (hydraulically down-gradient)
Description: The site (USEPA ID: NYN000206282) was identified in the NPL database beginning in 2010. Formerly a natural tributary of the East River, Newtown Creek was channelized in the 1800s by backfilling surrounding wet areas to support heavy industrial development. Contamination in the creek is attributed to combined sewer overflow (CSO) and historical industrial facilities on the creek banks. Facilities included over 50 oil refineries, petrochemical plants, fertilizer and glue factories, sawmills, and lumber and coal yards. According to the listing, the Newton Creek Superfund Site, a remedial investigation is presently underway for the entire site and a focused feasibility study (FFS) is currently being prepared regarding a combined sewer outfall (CSO) long term control plan. Proximity to Newtown Creek may result in impacts to groundwater and/or soil vapor at the Subject Property and is considered a REC.

SEMS (formerly CERCLIS) and SEMS-Archive (formerly CERCLIS-NFRAP)

The SEMS database tracks hazardous waste sites, potentially hazardous waste sites and remedial activities under the USEPA Superfund Program. The database compiles data on potentially hazardous waste sites reported to the USEPA and sites that are either proposed for listing or listed on the NPL. The database, formerly known as CERCLIS, was renamed SEMS by the USEPA in 2015. The USEPA stopped updating the CERCLIS database in 2013; new updates are captured in the SEMS database. Former CERCLIS sites that have been granted the status of no further remedial action planned (NFRAP) are now included in the SEMS-ARCHIVE database. The USEPA's AAI Rule and ASTM E1527-13 will eventually be updated to reflect the change to SEMS. The minimum search radius for the databases is within 1 mile from the Subject Property.

The Subject Property was not listed in the SEMS or SEMS-archive databases; however, two sites were listed in the SEMS database and four sites were listed in the SEMS-archive database within the minimum search area. One facility listed in the SEMS database and the four facilities listed in the SEMS-archive database are located over 1,600 feet west of the Subject Property, across Newtown Creek, and are not considered RECs. The remaining SEMS site, Newtown Creek, is considered a REC as discussed in the NPL section.

RCRA Generators Database

The RCRA generators/transporters database is USEPA's comprehensive information system, providing access to data supporting the RCRA of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites that generate, transport, store, treat and/or dispose of hazardous waste as defined by RCRA. RCRA

databases include LQG, SQG, CESQG, and Non-Gen. ASTM E527-13 identifies the minimum search distance to 'Subject Property and adjoining properties'.

The Subject Property is listed on the database; however, the listing is addressed incorrectly and is not associated with the Subject Property. Two adjoining hazardous waste generators were identified in the NonGen and VSQG databases as described below:

Site Name: NYC Dept Sanitation Garage
Site Address: 52-35 58th Street
Site Location: North-adjoining property (hydraulically cross-gradient)
Description: The site is listed in the RCRA NonGen database (EPA ID NYR000076083) for the generation of D001 (ignitable) waste in 1999. NY Manifests were also identified for the disposal of 447 pounds of D001 and F003 (spent non-halogenated solvent) waste in May 2018. Based on the absence of violations and volume of waste generated, this listing is not considered a REC.

Site Name: At Lite
Site Address: 57-47 47th Street
Site Location: East-adjoining property (hydraulically up-gradient)
Description: The site is listed in the RCRA VSQG database (EPA ID NYR000049809) for the generation of D001 waste between 2000 and 2007. NY Manifests were also identified for the disposal of five gallons of D002 (corrosive waste) in February 2004. Based on the absence of violations and volume of waste generated, this listing is not considered a REC.

FINDS Database

The FINDS database contains facility information and "pointers" to other sources and databases that contain additional details. ASTM E527-13 defines the minimum search distance as the 'Subject Property'. Two listings were identified under the Subject Property address in the FINDS database. One listing was incorrectly addressed and is not associated with the Subject Property. The Subject Property is listed under the 57-00 47th Street address (Lot 6) for the unauthorized discharge to a waterbody without a National Pollutant Discharge Elimination System (NPDES) permit in August 2009. No further violations were identified; therefore, this listing is not considered a REC.

4.2. State Agency Database Findings

The Subject Property and/or sites within the respective minimum search distances as specified by ASTM E1527-13 were not listed in the following state agency databases: NY ENG CONTROLS, NY INST CONTROLS, CBS, MOSF, and NY DRYCLEANERS.

SHWS

The State Hazardous Waste Sites (SHWS) records SHWS records are the states' equivalent to SEMS and may or may not already be listed on the federal SEMS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified, along with sites where cleanup will be paid for by potentially responsible parties. The Subject Property was not listed in the SHWS database; however, 19 listings (including five Orphan sites) were identified within the minimum search area of one mile. Based on their distance and/or hydraulic relationship to the Subject Property, the listings are not considered RECs.

SWF/LF

The Solid Waste Facilities/Landfill Sites (SWF/LF) records are an inventory of solid waste disposal facilities or landfills in a particular state. The Subject Property was listed in the SWF/LF database as summarized below:

Site Name: Pebble Lane Associates LLC
Site Address: 57-00 47th Street (Lot 6)
Location: Subject Property
Description: The Subject Property is listed as an active construction and demolition (C&D) processing facility beginning in April 2009. Waste types accepted at the facility include asphalt, brick, concrete, rock, soil, glass, metals (ferrous), metals (non-ferrous), and C&D debris. The former tenant, US Concrete Inc., operated Lots 1 and 6 for processing and distribution of recycled concrete materials. Undocumented releases of petroleum products, solvents and/or hazardous substances associated with this historical operation may have impacted soil, groundwater and/or soil vapor at the Subject Property and is considered a REC.

Twenty-four listings were identified in the SWF/LF database within the minimum search area of 1/2 mile. Twenty-two of the listings are related to sites located over 1,000 feet from the Subject Property and are not considered RECs. The remaining two listings are discussed below:

Site Name: M & C Transfer Station
Site Address: 58-26 47th Street
Location: South-adjoining (hydraulically cross-gradient)
Description: This facility is listed as an inactive transfer station site. Further information regarding the time of operation and material accepted at the facility was not provided. No violations or spills are listed in association with this facility. Based on the absence of reported violations or spills associated with this facility, it is not considered a REC.

Site Name: Maspeth Recycling Inc.
Site Address: 58-08 48th Street
Location: 555 feet north (hydraulically cross-gradient)
Description: This facility is listed as an active C&D processing facility for waste types include concrete, asphalt, soil, and sand. No spills or violations are listed for this facility. Based on the absence of violations and/or releases, distance and hydraulic relationship to the Subject Property, this listing is not considered a REC.

LTANKS Database

The LTANKS database contains an inventory of reported leaking storage tank incidents, including leaking USTs and ASTs. The minimum search area for the LTANKS database includes the Subject Property and any sites within a 1/2-mile radius. Two listings were identified in association with the Subject Property. One listing for the Subject Property was incorrectly addressed and is associated with the site located 680 feet to the north; this listing is not considered a REC. The remaining listing is discussed below:

Site Name: Island Trans Corp
Site Address: 57-00 47th Street
Location: Subject Property (Lot 6)
Description: NYSDEC Spill No. 07-09978 was reported at the Subject Property after a UST failed a tank tightness test on December 18, 2007. The tank lines were re-tested and it was determined that the vent line failed due to a loose fitting. Evidence of petroleum contamination was not observed and the spill was closed December 28, 2007. Based on the regulatory status, this closed spill on the Subject Property is considered a HREC.

Thirty-nine listings were identified in the minimum search area. Two listings were identified in association with the northern adjoining property; however, these listings were incorrectly addressed and are associated with a site over one mile from the Subject Property. The listed incidents were primarily caused by tank test failures, tank failures, and tank overfills. All 39 incidents have been granted closed status by the NYSDEC, indicating that the NYSDEC is satisfied with spill remediation; therefore, these listings are not considered RECs.

NY SPILLS

The Spills database, maintained and updated by NYSDEC, is an inventory of sites where spills have been identified and reported to the NYSDEC. Eight spills were listed at the Subject Property. Three spills were incorrectly addressed and are not associated with the Subject Property. The remaining five spills are summarized below:

Site Name: 57-00 Maspeth Avenue LLC
Site Address: 57-00 47th Street (Lot 6)
Location: Subject Property
Description: Spill No. 94-11004 was reported on November 17, 1994 after the release of an unknown volume of gasoline. No further information regarding the spill was provided. The spill was administratively closed by the NYSDEC on November 17, 1994.

Site Name: Island Transportation
Site Address: 47th Street (Lot 6)
Location: Subject Property
Description: Spill No. 97-09690 was reported on November 20, 1997 after the release of an unknown volume of diesel oil on soil. No further information regarding the spill was provided. The spill administratively closed by the NYSDEC on January 8, 1998.

Site Name: 5700 Maspeth Avenue LLC
Site Address: 57-00 47th Street (Lot 6)
Location: Subject Property
Description: Spill No. 08-08170 was reported on October 21, 2008 after a call was made to the NYSDEC citing active release of petroleum substances, and illegal storage and refueling of vehicles at the Subject Property. A limited subsurface investigation completed in 2009 consisting of advancing six soil borings and collection of soil samples identified petroleum impacts to soil ranging from surface grade to about 8 feet below grade surface. About 381.04 tons of petroleum-impacted soil was excavated and disposed of in 2010. Documentation soil samples and groundwater samples collected post-remediation confirmed that the spill was remediated to the satisfaction of the NYSDEC. The spill was administratively closed on October 27, 2012.

Site Name: Commercial Property
Site Address: 57-00 47th Street (Lot 6)
Location: Subject Property
Description: Spill No. 13-06438 was reported on September 19, 2013 after diesel contaminated soil and pea gravel was identified in tank vault during removal of a 4,000-gallon UST. Further information regarding the remediation was unavailable; however, a closure report summarizing the remedial work and analytical data was prepared for NYSDEC. The spill was remediated to the satisfaction of the NYSDEC, and the spill was administratively closed on February 12, 2014.

Site Name: Boro Lumber Company
Site Address: 57-57 47th Street (Lot 68)
Location: Subject Property

Description: Spill No. 98-12248 was reported on January 4, 1999 when petroleum-impacted soil was identified during a UST removal. Petroleum-impacted soil was removed and documentation endpoints samples were collected. The spill was remediated to the satisfactory of NYSDEC and the spill was administratively closed on July 12, 2006.

Based on the closed regulatory status, the spills at the Subject Property are considered HRECs.

Fourteen spills were listed within the minimum search radius. Thirteen spills have been granted closed status by the NYSDEC, indicating that NYSDEC is satisfied with spill remediation. The remaining open spill is located 450 feet down-gradient from the Subject Property and across Newtown Creek. Based on their distance, hydraulic relationship and/or current regulatory status, these listings are not considered RECs.

VCP

The VCP uses private funds to remediate contaminated sites to levels allowing for the sites' productive use. The program covers virtually any kind of site and contamination. The Subject Property was not listed in the VCP database; however, two sites were identified within the minimum ½-mile search radius. The sites are located over 1,500 feet hydraulically down-gradient from the Subject Property and across Newtown Creek, and are not considered RECs.

NY Brownfields

Brownfield sites are any real property where a contaminant is present at levels exceeding the soil cleanup objectives or other health-based or environmental standards, criteria, or guidance adopted by the NYSDEC that are applicable based on the reasonably anticipated use of the property, in accordance with applicable regulations. The Subject Property was not listed in the BCP database. One listing was identified within a ½-mile radius of the Subject Property in relation to a National Grid property at K – Greenpoint MGP – Energy Center at 287 Maspeth Avenue. Ongoing investigations have identified volatile organic compound (VOC) and semivolatile organic compound (SVOC) contamination of soils and groundwater and the presence of a Dense Non-Aqueous Phase Liquid (DNAPL) at shallow depths with the potential to affect the east-adjoining Newtown Creek. The site is located 225 feet west and hydraulically down-gradient of the Subject Property, across from Newport Creek, and is not considered a REC.

SWRCY

The Solid Waste Disposal Sites Registered Recycling Facility List (SWRCY) provides a list of registered recycling facilities. The Subject Property was not listed on the SWRCY database;

however, 12 listings were identified within the minimum search radius of ½ mile. Ten of the listings are located over 1,000 feet from the Subject Property and/or hydraulically down-gradient from the Subject Property and are not considered RECs. The two remaining listings are located at the same addressed and are summarized below:

Site Name: GPB Waste NY DBA NY/NJ Recycling/NMS Waste Paper
Site Address: 58-35 47th Street
Location: 220 feet southeast of the Subject Property (hydraulically cross-gradient)
Description: The facility is listed under two site names as a cardboard and paper recycling facility. No violations are listed in association with either facilities. One spill is listed in associated with the NMS Waste Paper facility (NYSDEC Spill No. 04-04192); however, the spill was administratively closed in February 2005. Given the absence of violations, type of material handled by the facility and hydraulic location with respect to the Subject Property, these listings are not considered RECs.

PBS UST and AST Databases

The PBS UST and AST databases contain records of registered USTs and ASTs. A registered PBS UST or AST does not constitute a REC in and of itself; however, properties listed on the UST or AST databases with a reported leak, spill, or release could constitute a REC with respect to the Subject Property. The minimum search distance required for USTs and ASTs is the Subject Property and adjoining properties. Three PBS facilities were listed in associated with the Subject Property. One listing is associated with a property over 700 feet north of the Subject Property and is not considered a REC. The remaining two PBS listings are discussed below:

Site Name: 57-00 Maspeth Ave LLC
Site Address: 57-00 47th Street (Lot 6)
Location: Subject Property
Description: The Subject Property is listed in the PBS AST and UST databases under this facility name (PBS Facility No. 2-318744) as housing two in-service ASTs, one closed/removed AST and four closed/removed USTs as summarized below:

Tank No.	Location	Capacity (gallons)	Contents	Date of closure
Status – In service				
2	AST	180	Used Motor Oil	Not Available
3	AST	180	Used Motor Oil	
Status – Closed/Removed				
001	UST	4,000	Diesel	September 19, 2013

Tank No.	Location	Capacity (gallons)	Contents	Date of closure
002	UST	4,000	Other	December 1, 1998
003	UST	4,000	Other	December 1, 1998
004	UST	1,080	Other	December 1, 1998
005	AST	6,000	No.2 Fuel Oil	March 8, 2006

The in-service ASTs, installed January 3, 2000, are reported to have suction dispensers and be in contact with an impervious barrier in a secondary containment vault with no leak detection or overfill protection. During the site reconnaissance (see Section 5.0), only one AST was identified. Two petroleum spills (Spill Nos. 94-11004 and 08-08170) are associated with this facility as discussed in the SPILLS section. The spills were administratively closed by NYSDEC on November 17, 1994 and October 27, 2012, respectively.

Site Name: A Lamanna Trucking Co
Site Address: 57-05 47th Street (Lot 72)
Location: Subject Property
Description: The Subject Property is listed under this facility name in the PBS UST database (PBS Facility No. 2-350001) as formerly housing a 4,500-gallon diesel UST. The UST was reportedly closed and removed December 1, 1998. Spills or releases were not reported in association with this UST.

Based on the timeline of historical industrial operations and petroleum bulk storage at the Subject Property, unreported spills/releases of petroleum products associated with historical petroleum bulk storage may have adversely impacted soil, groundwater and/or soil vapor at the Subject Property is considered a REC.

Three adjoining properties were listed in the PBS UST and AST databases and are described below:

Site Name: DSNY Queens District 5A Garage
Site Address: 58-02 48th Street
Location: North-adjoining property (hydraulically cross-gradient)
Description: The site is listed in the PBS UST database (PBS Facility No. 2-605735) for housing 10 in-service USTs and 11 closed/removed USTs, summarized below:

Tank No.	Tank ID	Capacity (gallons)	Contents	Date of closure
Status – In service				
001A	245123	2,500	Gasoline/Ethanol	Not Available

Tank No.	Tank ID	Capacity (gallons)	Contents	Date of closure
002A	245124	4,000	Biodiesel	
003A	245125	4,000	Biodiesel	
004A	245126	1,000	Motor Oil	
005A	245127	1,000	Hydraulic Oil	
006A	245128	1,000	Hydraulic Oil	
007A	247237	1,000	Waste Oil/Used Oil	
008A	247238	1,000	Waste Oil/Used Oil	
009A	247239	1,000	Waste Oil/Used Oil	
010A	235604	2,500	No. 2 Fuel Oil	
Status – Closed/Removed				
001	60354	2,500	Gasoline	May 31, 2012
002	60355	4,000	Biodiesel	May 31, 2012
003	60356	4,000	Biodiesel	May 31, 2012
004	60368	1,000	Motor Oil	May 3, 2012
005	60369	550	Hydraulic Oil	May 3, 2012
006	60370	1,000	Hydraulic Oil	May 3, 2012
007	60371	1,000	Waste Oil/Used Oil	July 18, 2012
008	60372	1,000	Waste Oil/Used Oil	July 31, 2012
009	60373	550	Waste Oil/Used Oil	July 18. 2012
010	60377	2,500	No. 2 Fuel Oil	April 15, 2010
011	233246	1,000	Waste Oil/Used Oil	October 11, 2012

The in-service USTs are reported to be have leak protection, overfill alarms and shut off valves and double walled secondary containment.

Site Name: DSNY Queens District 5 Garage
Site Address: 48-01 58th Street
Location: North-adjoining property (hydraulically cross-gradient)
Description: The site is listed in the PBS UST database (PBS Facility No. 2-605736) for housing eight in-service USTs and 11 closed/removed USTs, summarized below:

Tank No.	Tank ID	Capacity (gallons)	Contents	Date of closure
Status – In service				
010A	235603	2,500	No. 2 Fuel Oil	NA

Tank No.	Tank ID	Capacity (gallons)	Contents	Date of closure
012	245684	4,000	Diesel	
013	245685	4,000	Diesel	
014	245686	1,000	Motor Oil	
015	245687	1,000	Hydraulic Oil	
016	247816	1,000	Unspecified	
017	247817	1,000	Unspecified	
018	247818	1,000	Unspecified	
Status – Closed (removed)				
001	60374	2,500	Gasoline	July 24, 2012
002	60375	4,000	Biodiesel	July 24, 2012
003	60376	1,000	Hydraulic Oil	July 24, 2012
004	60378	1,000	Motor Oil	July 24, 2012
005	60379	550	Hydraulic Oil	October 2, 2012
006	60380	550	Waste Oil/Used Oil	November 27, 2012
007	60381	1,000	Waste Oil/Used Oil	November 27, 2012
008	60382	1,000	Waste Oil/Used Oil	October 4, 2012
009	60383	1,000	Waste Oil/Used Oil	October 4, 2012
010	60384	2,500	No. 2 Fuel Oil	April 30, 2010
011	227047	4,000	Biodiesel	July 24, 2012

In-service USTs are reported to be have leak protection, overfill alarms and shut off valves and doubled walled secondary containment.

The DSNY 5/5A Garage site is associated with five closed SPILLS listings and two closed LTANKS listings; however, these spills have been administratively closed by NYSDEC. Based on the closed status of the spills and reported secondary containment and overflow protection measures, this listing is not considered a REC.

Site Name: Advanced/Molloy
Site Address: 57-47 47th Street
Location: East-adjoining property (hydraulically up-gradient)
Description: The site is listed in the PBS AST database (PBS Facility No. 2-320943) as housing an in-service, 3,000-gallon No. 2 fuel oil AST. The tank is reportedly on saddles, elevated above grade allowing visual inspection. The AST is also reported to have secondary containment, a product level gauge and vent whistle for overfill

protection. Two closed spills are associated with this facility; documentation available for the spills indicates that subsurface media was not impacted and both spills were administratively closed by the NYSDEC. No violations are listed for this facility. Based on the absence of violations, administrative closure on on-site spills and information provided regarding secondary containment and overfill protective measures, this listing is not considered a REC.

Site Name: Boro Timber Co
Site Address: 57-45 47th Street
Location: East-adjoining property (hydraulically up-gradient)
Description: The site is listed in the PBS UST database (PBS Facility No. 2-296007) for housing two closed/removed 4,000-gallon diesel USTs and one closed/removed 4,000-gallon gasoline UST, removed on December 1, 1998. Based on the facility listing, the USTs did not have secondary containment or product level gauge for overfill prevention. One spill (NYSDEC Spill No. 97-14130) was reported at this facility when petroleum-impacted soil was identified during UST removal. The spill was administratively closed by the NYSDEC on July 12, 2006. Based on the closed status of the facility and documented spills, this listing is not considered a REC.

4.3. Other Database Findings

Former Manufactured Gas Plant

The MGP sites database is a proprietary database that includes records of historical manufactured coal gas plants compiled by EDR. The Subject Property was not listed in the database; however, three listings were identified within the minimum search area of 1 mile. Two of the sites are over 2,000 feet down-gradient from the Subject Property and are not considered RECs. The remaining site, National Grid property at K – Greenpoint MGP – Energy Center, is located west and hydraulically down-gradient and across Newtown Creek from the Subject Property. Based on the distance and hydraulic relationship with respect to the Subject Property, this listing is not considered a REC.

4.4. Local Regulatory Agency Findings

FOIA Requests

FOIA requests were submitted during the week of June 7, 2021 to the following federal, state, and local agencies via written correspondence:

- NYCDEP
- NYC Department of Health (DOH)
- New York City Fire Department (FDNY)
- NYSDOH
- NYSDEC

Complete responses have not yet been received from NYCDEP, NYCDOH, FDNY, NYSDOH, and NYSDEC. Should future responses alter the conclusions of this Phase I ESA, an addendum will be issued. Copies of the FOIA requests and any responses received are included in Appendix E.

USEPA

A review of the USEPA MyProperty, MyEnvironment and Envirofacts databases was performed on Jun 18, 2021. The Subject Property (57-00 47th Street) was identified on the Envirofacts database in relation the NPDES outlined in the FINDS section. No violations were identified.

NYCDOB

Langan conducted a records search through the NYCDOB online query system on June 21, 2021. The Subject Property is identified as Block 2601, Lots 1 and 6 and Block 2602, Lots 68 and 72. Department of Finance (DOF) Classification and NYCDOB query information are outlined below:

Block	Lot	BIN	DOF Classification	NYCDOB Violations	Available COs	CO Details
2601	1	484949	Z9-Miscellaneous	No	2005	Waste transfer station in conjunction with the adjacent tax Lot 6.
2601	6	4311638	E1-Warehouse	4 active: failure to file 2017 annual boiler inspection report	2004 to 2014	2004-2014: Waste transfer station and accessory uses including storage, parking and loading berths. COs from 2013 and 2014 also list an automobile repair shop.
2602	68	4058960	O1-Office Buildings	No	None	Not Available
2602	72	4058961	E9-Warehouse	No	1963	Trucking terminal

BIN – Building Identification Number, DOF – Department of Finance, CO – Certificate of Occupancy

Four active low- pressure boilers were listed on the most recent boiler inspection reports available, dated June 2013. Defects were reported for all boilers. The historical uses of the Subject Property as a waste transfer facility and auto repair are considered RECs. Copies of available NYCDOB records are included in Appendix F.

Zoning Department

According to the New York Department of City Planning Commission (NYCDCP) Zoning Map 13a, the Subject Property is zoned in a Manufacturing District (M3-1). M3 districts are designated for areas with heavy industries that generate noise, traffic or pollutants. Typical uses include power plants, solid waste transfer facilities and recycling plants, and fuel supply depots. According to a review of City Environmental Quality Review (CEQR) documents, the Subject Property is not assigned an E-designation or Restrictive Declaration. A copy of the zoning map is included in Appendix H.

"E" Designation

The NYCDCP coordinates a program, through rezoning efforts, to identify properties requiring an assessment of environmental site conditions because of documented historical use, requiring attenuation of neighborhood noise conditions, and/or special measures to mitigate against exacerbation of neighborhood air quality issues. These properties are identified as part of the environmental review process associated with discretionary actions, and are then noted as "E" Designated. For properties that have been so designated, the NYCDOB is restricted from issuing building permits until the New York City Office of Environmental Remediation (NYC OER) reviews information prepared by an environmental professional and makes a determination to issue a Notice of No Objection (NNO) or a Notice to Proceed (NTP) to the NYCDOB.

According to the list of City Environmental Quality Review (CEQR) Environmental Designations, dated June 30, 2009, the Subject Property is not listed with an "E" designation.

4.5. Physical Setting Sources

4.5.1. Topography

According to the USGS Brooklyn Quadrangle 7.5-minute Series Topographic Maps, the Subject Property sits at an elevation of about 9 feet above msl. The general topographic gradient of the Subject Property and surrounding properties slopes southwest towards Newtown Creek.

4.5.2. Geology

Geological surface features (e.g., rock outcroppings) were not observed at the Subject Property. Baskerville's "Bedrock and Engineering Geologic Maps of New York County and Parts of Kings and Queens Counties, New York, and Parts of Bergen and Hudson Counties, New Jersey", dated 1994, indicates the bedrock underlying the Subject Property is part of the Hartland Formation. The Hartland Formation is comprised of mica schist and quartz-feldspar granulite, with localized intrusions of granite and pegmatite. Given the development history and infilling in the south, historic fill will likely be present beneath the Subject Property. Geological surface features (e.g., rock outcroppings) were not observed at the Subject Property.

4.5.3. Hydrology

Groundwater flow is typically topographically influenced, as shallow groundwater tends to originate in areas of topographic highs and flows toward areas of topographic lows, such as rivers, stream valleys, ponds, and wetlands. A broader, interconnected hydrogeological network often governs groundwater flow at depth or in the bedrock aquifer. Groundwater depth and flow direction are also subject to hydrogeological and anthropogenic variables such as precipitation, evaporation, extent of vegetation cover, and coverage by impervious surfaces. Other factors influencing groundwater include depth to bedrock, the presence of artificial fill, and variability in local geology and groundwater sources or sinks. Groundwater is inferred to flow to the southwest towards Newtown Creek. Based on information provided in the EDR report, groundwater is anticipated to about 7 feet bgs. According to the National Wetlands Inventory (NWI), the west-adjoining Newtown Creek is classified as an estuarine and marine deep-water wetland associated with English Kills.

The current Federal Emergency Management Agency (FEMA) Advisory Base Flood Elevation Maps include new advisory flood zone boundaries and advisory base flood elevations. According to the current FEMA Effective Flood Insurance Rate Maps (FIRM) dated September 5, 2007 (Map Numbers 3604970206F and 3604970208F), the northern and western parts of the Subject Property fall within Zone AE, a special flood hazard area with base flood elevation of 10 feet inundated by 1% annual chance of flooding. The remainder of the Subject Property falls within Zone X and lies within the area of 0.2% annual chance of flood. A copy of the FEMA flood map is provided in Appendix G.

4.6. Historical Use Information

Langan reviewed available historical resources (including aerial photographs, Sanborn® and topographic maps, and city directories) dated 1897 to 2017. Findings of the review are presented below.

4.6.1. Aerial Photographs

Langan reviewed aerial photographs of the Subject Property and surrounding areas for the years 1924, 1941, 1951, 1954, 1961, 1966, 1974, 1976, 1980, 1984, 1991, 1994, 2006, 2009, 2013, and 2017. The photographs indicate that the Subject Property was historically surrounded by undeveloped land, with dense urban development occurring in the 1940s and 1950s. In the 1924 photograph, the northern part of the Subject Property appears to be improved with several buildings while the southwest section of the Subject Property is occupied by Newtown Creek. The remainder of the Subject Property comprises undeveloped land. By 1941, the buildings in the northern part of the Subject Property are no longer present with the exception of a small structure along the northwestern boundary (Lot 6). In 1951, 47th Street had been constructed, transecting the Subject Property. A second roadway is also present in the northeast of the Subject Property (Lot 68). Stockpiled soil is visible on the northern and western parts of the Subject Property in the 1954 photograph. By 1966, the southwestern part of the Subject Property formerly occupied by Newtown Creek appears to have been infilled and the present-day buildings on Lots 68 and 72 are visible. By 1974, the present-day building on Lot 6 is constructed and the remainder of Lots 1 and 6 appear to be used for truck parking between 1974 and 1991. In 1991, multiple stockpiles of material, likely associated with the former C&D processing facility, occupy Lot 1. The stockpiles appear to expand into the northern part of Lot 6 beginning in 2006. The Subject Property remains relatively unchanged between 2006 through 2017. The historical operation of the Subject Property including C&D processing/recycling facility and truck parking is considered a REC.

Land adjoining the Subject Property to the north, east and south remained undeveloped until about 1951. From 1954 to 2006, the area surrounding the Subject Property was developed for various commercial and industrial uses. Unreported spills or violations were not listed in association with these operations; therefore, they are not considered RECs. Copies of aerial photographs are included in Appendix I.

4.6.2. Sanborn® Fire Insurance Maps

A search for historical fire insurance maps for the Subject Property and surrounding properties was conducted by EDR and reviewed by Langan. Sanborn® Maps constitute a database of prior

site uses of real property for many cities and towns in the United States. Langan reviewed Sanborn® Maps for the Subject Property for the years 1902, 1907, 1914, 1933, 1936, 1950, 1951, 1965, 1968, 1977, 1979, 1980, 1981, 1982, 1985, 1986, 1988, 1990 through 1996, 1999, and 2001 through 2007. Maps from 1965 through 1982 only partially cover the Subject Property and appear blank. Copies of Sanborn® Fire Insurance Maps are included in Appendix J.

The Sanborn® Map review revealed that the Subject Property was situated in a low -density industrial area as early as 1902. In 1902, the Subject Property was occupied by several one- to two-story buildings associated with C. Meyer Fertilizer Works and an 'old well' present on the southern part of the Subject Property (Lot 6). By 1914, the former buildings are no longer present and Valvoline Oil Company Oil Depot occupies the Subject Property, including multiple areas labelled 'oil tanks', an auto repair building, storage shed and office building occupy the northern part of the Subject Property (Lots 1 and 72). By 1936, the Subject Property is no longer labelled as the Valvoline Oil Company; several unspecified buildings remain on site included on building labelled "dilapidated". In 1982, 47th Street is observed transecting the Subject Property from north to south and the present-day one-story buildings are visible on the Subject Property; the building on Lot 72 is labelled "motor freight station", the Lot 68 building is labelled "construction office" and the building on Lot 6 is labelled "truck body repair". The Subject Property remains unchanged through 2006. Historical operations on the Subject Property including fertilizer works facility, oil depot, truck repair facility and motor freight station are considered RECs.

Adjoining and surrounding properties to the north, east and south generally consisted of residential buildings, and commercial and industrial operations, and Newtown Creek is observed to the west of the Subject Property. While responsible parties are currently conducting a remedial investigation pursuant to the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), Newtown Creek has potential conditions that pose a material threat of a future release to the environment and is considered a REC.

4.6.3. Historical USGS Topographic Quadrangles

Langan reviewed historical USGS Topographic Quadrangle maps obtained from EDR for information regarding past uses of the Subject Property. Quadrangle maps were available for the Subject Property for the years 1897, 1898, 1900, 1947, 1956, 1967, 1979, 1995, and 2013. Based on a review of the historical topographic maps, the Subject Property has been located in a low density developed area and was improved with several buildings since at least 1897. In maps from 1967 and 1979, present-day buildings on the northeastern and western parts of the Subject Property, respectively, are visible.

The surrounding sites were also developed from as early as 1897 and comprised low density development within a wider network of waterways and marsh land. By 1947, land to the north, east and south of the Subject Property are infilled to create the present-day configuration of the west-adjoining Newtown Creek and Maspeth Creek, north of the Subject Property. The Subject Property and surrounding properties appeared relatively unchanged through 2013. Review of the USGS maps did not reveal any RECs. Copies of the topographic maps are included in Appendix K.

4.6.4. City Directories

The City Directory Abstract, obtained from EDR, is a review of available business directories, including city, cross-reference, and telephone directories, at approximately five-year intervals for the years spanning 1922 through 2017. The directory was obtained for the Subject Property and surrounding area. A copy of the City Directory Abstract report is included in Appendix L.

The Subject Property was not listed in the City Directory. Adjoining properties included residential and commercial entities. A review of the city directory did not reveal any RECs.

4.6.5. Environmental Lien Search

Langan contracted EDR to conduct an environmental lien search for the Subject Property. The results of the search, which included a compilation of available data and verification of the findings with the appropriate regulatory authorities, revealed that there are no environmental liens or other Activity and Use Limitations (AUL) associated with the Subject Property. A copy of the Environmental Lien Search is included in Appendix M.

5.0 SITE RECONNAISSANCE

The site reconnaissance was conducted in a systematic manner focusing on the spatial extent of the Subject Property and progressing to the adjoining and surrounding properties. The assessment of the adjoining and surrounding properties was limited to identifying, if possible, any indications of past or current use that may involve the use, storage, disposal, or generation of hazardous substances or petroleum products; noting the general type of current use; the general topography of the surrounding area; and providing a general description of adjoining and surrounding structures.

The site reconnaissance was performed at 10:00 AM on June 22, 2021 by Tyler Goodnough of Langan, accompanied by Emilio Lamanna, the Subject Property owner, and Phil Bernardo, representative of the User. The weather at the time of the inspection was cloudy with intermittent light rain and approximately 80°F.

5.1. General Site Setting and Reconnaissance Observations

The Subject Property consists of four tax lots totaling approximately 168,000 square feet, and includes contiguous Lots 1 and 6 on the western side of 47th Street, and contiguous Lots 68 and 72 on the eastern side of 47th Street. The Subject Property is improved with three buildings, including a 20,000-square foot warehouse/office building on Lot 6, a 4,000-square foot warehouse/office building on Lot 72, and a 2,000-square foot commercial building on Lot 68. The buildings are all slab-on-grade masonry and steel construction.

Lot 1

Lot 1 is a vacant lot, accessible via a secured gate along 47th Street. During the site reconnaissance, an approximate 1,000-cubic yard stockpile of recycled concrete aggregate (RCA) was observed on the eastern part of the lot. According to Mr. Lamanna, the stockpiled material is remnant of the former concrete processing/recycling operations at the Subject Property.

Lot 6

Lot 6 is accessible via a secured gate on 47th Street and is improved upon with a vacant, slab-on-grade, one-story office/warehouse building with a mezzanine level. Nine vehicle access bay doors are present along the southern and western parts of the building. A locker room, bathroom, and former AST room are also located in the southwestern area of the building. The northern and eastern areas of the building contain office space on the ground floor and mezzanine levels. The building is surrounded by concrete-paved parking areas to the south, east, and west. Several pits were identified in the south-central part of the building including two mechanics pits, one pit

that appeared to be infilled with concrete flush with the building slab, and one pit covered with a metal cover that could not be moved. De minimis oil-like staining was observed throughout the warehouse space interior, near the mechanics pits, throughout the external parking lot area, and underneath an excavator parked along the southern boundary. According to Mr. Lamanna, the building and exterior parts of Lots 1 and 6 were formerly occupied by U.S. Concrete for truck repairs, office space, a small concrete testing laboratory, and a concrete/fill recycling facility. Mr. Lamanna also stated that the recycling facility has been closed as required under the April 2021 Order on Consent (see Section 3.2)

During the site reconnaissance, grading and placement of topsoil was being completed along the western boundary of Lots 1 and 6 to prepare for planting. This activity is being completed to bring the site into compliance with the April 2021 Order on Consent (see Section 3.2).

Lot 68

The building on Lot 68 is a vacant, one-story commercial building surrounded by asphalt-paved parking areas on all sides. According to Mr. Lamanna, Lot 68 was most recently occupied by a delicatessen. The interior of the building on Lot 68 was not accessible during the reconnaissance. De minimis staining was observed in areas of the parked exterior; however, the surface cover appears to be in good condition.

Lot 72

Lot 72 is accessible via a locked gate along 58th Road and is improved with a vacant, slab-on-grade one-story warehouse. Three vehicle access bay doors and warehouse space span the eastern part of the building. The remainder of the building contains office space, bathrooms, utility space and a kitchen area. Oil-like staining was observed on the ground throughout the warehouse. According to Mr. Lamanna, the staining was likely associated with cooking oil resulting from the most recent tenant's operations, and not petroleum products. The building is surrounded by concrete-paved parking areas on all sides. The southern-most part of the lot is currently used by a scaffolding company to stage equipment. An approximate three-gallon, open plastic tub of waste motor oil with nearby de minimis oil-like staining was observed in the east of the parking lot, and de minimis oil-like staining was observed throughout the parking lot areas to the north and east of the building. According to Mr. Lamanna, Lot 72 was most recently occupied by a food services and food truck storage company.

The Lot 6 and Lot 72 buildings contain natural gas- and/or electric-powered heating systems, which mainly consist of ceiling-mounted hot air blower units. HVAC units, including air conditioners, were observed on the roofs and/or on exterior walls of the buildings.

5.2. Pits, Ponds, Lagoons

Several pits were identified in the south-central part of the Lot 6 building including two mechanics pits, one pit that appeared to be infilled with concrete flush with the building slab, and one pit covered with a metal cover that could not be moved. De minimis oil-like staining was observed in the vicinity of the pits; however, surficial concrete cracks, joints or exposed soil were not observed in these stained areas.

Ponds, or lagoons were not observed.

5.3. Pools of Liquid

Pools of liquid were not observed.

5.4. Storm Drains, Wells, and Cisterns

Stormwater drains were observed in the parking areas on eastern and northern parts of the Subject Property (Lots 6 and 72). Floor drains were also observed in the bathrooms of these buildings. A large collection drain was observed in a concrete testing room at the northern side of the building on Lot 6.

Trench drains were observed inside the Lot 6 and Lot 72 buildings. Black oil-like residue was observed inside a concrete-lined trench drain along the southern side of the Lot 6 building. An oily residue, suspected to be from cooking oil, was also observed in a clogged trench drain on the north-central part of the Lot 72 building as well as inside a stormwater drain located on Lot 72. Odors were not observed at any of the drain locations.

Four, large metal and concrete hatches were observed along the southern boundary of the Subject Property (Lot 6). According to Mr. Lamanna, the covers are associated with four large stormwater collection basins that accept water from the drains inside and around the building on Lot 6. Mr. Lamanna stated that the basins drain directly to the subsurface and the remaining drains at the Subject Property are reportedly connected to the New York City municipal or sanitary systems.

No wells were observed at the Subject Property.

5.5. Polychlorinated Biphenyl (PCB) Transformers and Other Suspect Equipment

Suspect PCB-containing transformers and other equipment were not observed.

5.6. Storage Containers, Drums, and Chemical Storage Areas

The following storage containers were observed at the Subject Property:

Container Type	Size	Contents	Location
Seven metal cans	2.5 to 5 gallons	Gasoline	Parking lot south of Lot 72 building
Three metal cans (empty)	Five gallons	Diesel (empty)	Parking lot south of Lot 72 building
Two plastic buckets	5 gallons	Paint, disinfectant/cleaner	Parking lot south of Lot 72 building
Six plastic bottles	1 gallon	Household cleaners	Northeastern corner of Lot 6 building
Metal drum (empty)	55 gallons	Antifreeze/coolant (empty)	Northern exterior wall of Lot 6 building
Plastic bucket	5 gallons	Hydraulic oil	Northern exterior wall of Lot 6 building

Langan did not observe evidence of spills or releases associated with these containers.

5.7. Sewage Ejector Pits and Sumps

Two sumps were observed at the Subject Property located in the northeastern part of the Lot 6 building and in a small concrete enclosure on the eastern part of Lot 1. Odors, staining and/or sheen were not observed at either sump location. Ejector pits were not observed on the Subject Property.

5.8. Waste Generation, Storage, and Disposal

Two, roll-off containers containing trees/branches and other debris from ongoing grubbing and regrading activities were observed on Lot 6. The waste was generated as a result of the work performed to bring the Subject Property into compliance with the NYSDEC Consent Order, dated April 2021 (see Section 3.2). Other waste generation at the Subject Property was not observed.

5.9. Air Emissions or Wastewater Discharges

Air emissions or wastewater discharges were not observed.

5.10. USTs or ASTs

One empty 275-gallon AST was observed at the Subject Property along the west-central exterior wall of the building on Lot 6. Staining and/or odors were not observed in the vicinity of the AST. Evidence of former ASTs was observed in the west-central part of the Lot 6 building, including remnants of concrete secondary containments, cut vent and fill pipes, oil feed lines on the wall, and de minimis, surficial oil-like staining. The concrete floors in the vicinities of the former ASTs

appeared to be in good condition and free of cracks; however, staining was observed near wall/floor seams were present near the former AST area.

Two vent pipes were observed on the southeastern exterior wall of the building on Lot 6. According to Mr. Lamanna, the pipes were associated with former USTs that were located in the southeastern part of the Subject Property (Lot 6). A small steel cover labeled "test" was also observed in the parking lot that may have been associated with the former USTs. Mr. Lamanna stated that the USTs on the Subject Property had all been closed and removed to the satisfaction of NYSDEC in 2017 (see Section 4.2). Staining or odors were not observed around these features.

5.11. Monitoring Wells or Remedial Activities

Monitoring wells or evidence of remedial activities were not observed. At the time of the reconnaissance, regrading and filling activities were ongoing along the western boundaries of Lots 1 and 6. These activities are ongoing to bring the Subject Property into compliance with the NYSDEC Order on Consent, dated April 2021 (see Section 3.2).

5.12. Stained or Discolored Soil

Stained or discolored soil was not observed.

5.13. Leachate or Seeps

Evidence of leachate or seeps was not observed.

5.14. Adjoining and Surrounding Property Uses

Adjoining and surrounding properties include commercial buildings, and manufacturing/ industrial buildings. The Subject Property is bound by 58th Road followed by the City of New York Department of Sanitation District 5 Garage to the north, distribution warehouses and a waste collection company to the east, a NYCDEP Newtown Creek aeriation facility to the south, and Newtown Creek and associated wetlands to the west. Several vent pipes and an apparent UST were observed at the northern adjoining sanitation garage, about 100 feet north-northeast of the Subject Property. With the exception of the DSNY garage, fill ports or vents were not identified on adjoining and surrounding properties.

6.0 INTERVIEWS

6.1.1 Site Owner/Operator

Langan conducted an interview with Emilio Lamanna, the Subject Property owner, during the site reconnaissance. Mr. Lamanna stated that his family had been associated with the Subject Property since the early 1980s. Additional information provided by Mr. Lamanna is discussed in Section 5.0.

6.1.2 Owners/Tenants of Adjoining Properties

Owners/tenants of adjoining properties were not interviewed as part of this Phase I ESA.

7.0 ADDITIONAL SERVICES

7.1. Radon

Radon is a colorless, odorless radioactive gas that results from the natural breakdown of uranium minerals in soil, rock, and water, which subsequently enters the atmosphere. It can concentrate in buildings, entering through cracks and other penetrations of a building foundation. Some areas are more likely to have elevated concentrations of radon than others, reflecting subsurface lithological conditions.

The USEPA has established a recommended radon action level of 4.0 pico Curies per liter (pCi/L). According to the USEPA Radon Zone Map, the Subject Property is located in Zone 3, which indicates a predicted average indoor radon screening level less than 2 pCi/L. Based on federal data included in the EDR report, 81 homes were tested in Queens County with average concentrations of 0.970 pCi/L and 0.620 pCi/L in basements and living areas, respectively. Ninety-three percent of basements and 97% of living areas had concentrations below 4 pCi/L. Based on this information, it is unlikely that elevated levels of radon gas are present at the Subject Property.

8.0 DEVIATIONS AND DATA GAPS

8.1. Deviations

Langan performed a Phase I ESA of the Subject Property using a standard of good commercial and customary practice that is consistent with the ASTM E1527-13 and the 40 CFR Part 312 Standards and Practices for AAI. Significant deviations were not made to the above referenced standards.

8.2. Data Gaps

In order to address data gaps, additional sources of information may be consulted. According to AAI, Section 312.20 (g), "to the extent there are data gaps (as defined in section 312.10) in the information developed…that affect the ability of persons (including the environmental professional) conducting the all appropriate inquiries to identify conditions indicative of releases or threatened releases...such persons should identify such data gaps, identify the sources of information consulted to address such data gaps, and comment upon the significance of such data gaps." According to ASTM E1527-13, Section 8.3.2.3, "historical research is complete when either: (1) the objectives in 8.3.1 through 8.3.2.2 are achieved; or (2) data failure is encountered. Data failure occurs when all standard historical sources that are reasonably ascertainable and likely to be useful have been reviewed and yet the objectives have not been met. If data failure is encountered, the report shall document the failure, and if any of the standard historical sources were excluded, give the reasons for the exclusion."

This Phase I ESA was completed without significant data gaps except that responses to FOIA letters have not been received from all recipients. Sufficient information was provided from other sources to enable conclusions regarding RECs at the Subject Property. As such, this data gap is not expected to alter the results of the Phase I ESA. If information becomes available that alters the conclusions of this report, an addendum will be issued.

9.0 FINDINGS, OPINIONS, AND CONCLUSIONS

This Phase I ESA was conducted in accordance with ASTM E1527-13 and the USEPA AAI Rule. The objective of this Phase I ESA was to identify the presence or likely presence, use, or release on the Subject Property of hazardous substances or petroleum products as defined in ASTM E1527-13 as a REC.

Based on information obtained during the visual inspection of the Subject Property; review of environmental databases and historic information; and contact with federal, state, and local agencies. CRECs were not identified. Two RECs, one HREC, three BERs, one de minimis condition and one non-ASTM consideration were identified and are discussed below.

REC

A REC is defined by ASTM E1527-13 as the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property due to any release to the environment, under conditions indicative of a release to the environment, or under conditions that pose a material threat of a future release to the environment. The following RECs were identified:

REC 1 – Historical Use of Subject Property

Historical operations at the Subject Property included a 'fertilizer works' facility (1902 to 2014), an oil depot with petroleum bulk storage (1914 to 1936), truck parking (1974 to 1991), truck repair (1982 to 2006), a waste transfer facility with petroleum bulk storage (2004 to 2021), and auto repair (2013, 2014) on Lots 1 and 6; and a motor freight station with petroleum bulk storage (1963, 1982 to 2006) on Lot 72. The Subject Property is listed as an active facility on the SWF/LF database for the processing of C&D waste; however, based on the site reconnaissance this operation ceased in early 2021. Historical operations at the Subject Property may have resulted in inadvertent releases of hazardous substances or petroleum products.

REC 2 – Western-Adjoining Superfund Site

Newtown Creek, which is listed in the National Priority List (NPL) and Superfund Enterprise Management System (SEMS) databases. Contamination in the creek is attributed to combined sewer overflow (CSO) and historical industrial facilities on the creek banks. Facilities included over 50 oil refineries, petrochemical plants, fertilizer and glue factories, sawmills, and lumber and coal yards. A remedial investigation is presently underway for the entire Creek and a focused feasibility study (FFS) is currently being prepared by responsible parties regarding a combined sewer outfall (CSO) long term control plan, pursuant to the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). Given that the remedial investigation and

a focused feasibility study are underway by the responsible parties, it is unknown as to whether there is any impact to the Subject Property.

HREC

A HREC is defined by ASTM E1527-13 as the past release of any hazardous substances or petroleum products that has occurred in connection with the Subject Property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the Subject Property to any required controls.

HREC 1 – Closed Spills on the Subject Property

The Subject Property is listed on the LTANKS and NY SPILLS databases for six spills, outlined below:

- NYSDEC Spill No. 94-11004 was reported on November 17, 1994 was after the release of an unknown volume of gasoline. The spill was administratively closed on November 17, 1994.

- NYSDEC Spill No. 97-09690 was reported on November 20, 1997 after the release of an unknown volume of diesel oil on soil. No further information regarding the spill was provided. The spill was administratively closed on January 8, 1998

- NYSDEC Spill No. 98-12248 was reported on January 4, 1999 after petroleum-impacted soil was identified during removal of a UST. Petroleum-impacted soil was removed and documentation endpoints samples were collected. The spill was remediated to the satisfactory of NYSDEC and the spill was administratively closed on July 12, 2006.

- NYSDEC Spill No. 07-09978 was reported after a UST failed a tank tightness test on December 18, 2007. The tank lines were re-tested and it was determined that the vent line failed due to a loose fitting. Evidence of petroleum contamination to the subsurface was not observed and the spill was administratively closed December 28, 2007.

- NYSDEC Spill No. 08-08170 was reported on October 21, 2008 after a call was made to the NYSDEC citing active release of petroleum substances, and illegal storage and refueling of vehicles at the Subject Property. A limited subsurface investigation completed in 2009 consisting of advancing six soil borings and collection of soil samples identified petroleum impacts to soil ranging from surface grade to about 8 feet below grade surface. About 381.04 tons of petroleum-impacted soil was excavated and disposed of in 2010. Documentation soil samples and groundwater samples collected

post-remediation confirmed that the spill was remediated to the satisfaction of the NYSDEC. The spill was administratively closed on October 27, 2012.

- NYSDEC Spill No. 13-06438 was reported on September 19, 2013 after diesel contaminated soil and pea gravel was identified in tank vault during removal of a 4,000-gallon UST. Further information regarding the remediation was unavailable; however, a closure report summarizing the remedial work and analytical data was prepared for NYSDEC. The spill was remediated to the satisfaction of the NYSDEC, and the spill was administratively closed on February 12, 2014.

De Minimis Condition

A de minimis condition is defined by ASTM E1527-13 as a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimis conditions are not recognized environmental conditions nor controlled recognized environmental conditions.

De minimis oil-like staining was observed throughout Lot 6 including the interior warehouse space, near the mechanics pits, in the vicinity of a former ASTs, throughout the concrete-paved parking areas to the south, east, and west of the building, and underneath a parked excavator; and on Lot 72 throughout the interior warehouse space, truck access bays and exterior concrete-paved parking areas. Surficial concrete cracks, joints or exposed soil were not observed in stained areas; however, staining was observed near the wall/floor seams near the former AST area. The staining is considered a de minimis condition.

10.0 REFERENCES

The following references were reviewed as part of this Phase I ESA:

1. City Online Register, https://a836-acris.nyc.gov/DS/DocumentSearch/Index, retrieved June 17, 2021.
2. Department of Environmental Conservation Bulk Storage Database Search, http://www.dec.ny.gov/cfmx/extapps/derexternal/index.cfm?pageid=4, retrieved June 18, 2021.
3. Department of Environmental Conservation Spills Incidents Database Search, http://www.dec.ny.gov/cfmx/extapps/derexternal/index.cfm?pageid=2, retrieved June 18, 2021.
4. Baskerville, Charles A., United States Geological Survey, Bedrock and Engineering Geologic Maps of New York County and Parts of Kings and Queens Counties, New York, and Parts of Bergen and Hudson Counties, New Jersey, New York, dated 1994.
5. Environmental Data Resources, Inc. June 14, 2021. Aerial Photo Decade Package.
6. Environmental Data Resources, Inc. June 21, 2021. Building Permit Report.
7. Environmental Data Resources, Inc. June 21, 2021. City Directory Abstract.
8. Environmental Data Resources, Inc. June 23, 2021. Environmental Lien Search.
9. Environmental Data Resources, Inc. June 11, 2021. Historical Topographic Map Report.
10. Environmental Data Resources, Inc. June 21, 2021. Radius Map with GeoCheck.
11. Environmental Data Resources, Inc. June 14, 2021. Sanborn® Map Report.
12. Federal Emergency Management Agency Flood Map Service Center, retrieved June 16, 2021.
13. USEPA Envirofacts, MyEnvironment and MyProperty, https://enviro.epa.gov/, retrieved June 18, 2021.
14. National Wetlands Inventory, https://www.fws.gov/wetlands/data/mapper.html, retrieved June 18, 2021.
15. Federal Emergency Management Agency (FEMA) Flood Map Service Center, https://msc.fema.gov/portal/home, retrieved June 18, 2021.
16. New York City Department of Buildings, Building Information System, http://a810-bisweb.nyc.gov/bisweb/bispi00.jsp, retrieved June 18, 2021.

17. New York City Planning Commission, New York City's Zoning & Land Use Map, https://zola.planning.nyc.gov/about#9.72/40.7125/-73.733, retrieved June 17, 2021.

18. NYC Oasis Map, http://www.oasisnyc.net/map.aspx, retrieved June 17, 2021.

19. NYSDOH Measured Basement, First Floor Screening Radon Levels (December 2020), https://www.health.ny.gov/environmental/radiological/radon/towns.htm retrieved June 18, 2021.

20. NYSDEC Order on Consent R2-20210416-53, 58-20 47th Street, Maspeth, NY (Block 2601, Lot 1) and 57-00 47th Street, Maspeth, NY (Block 2601, Lot 6), dated April 2021

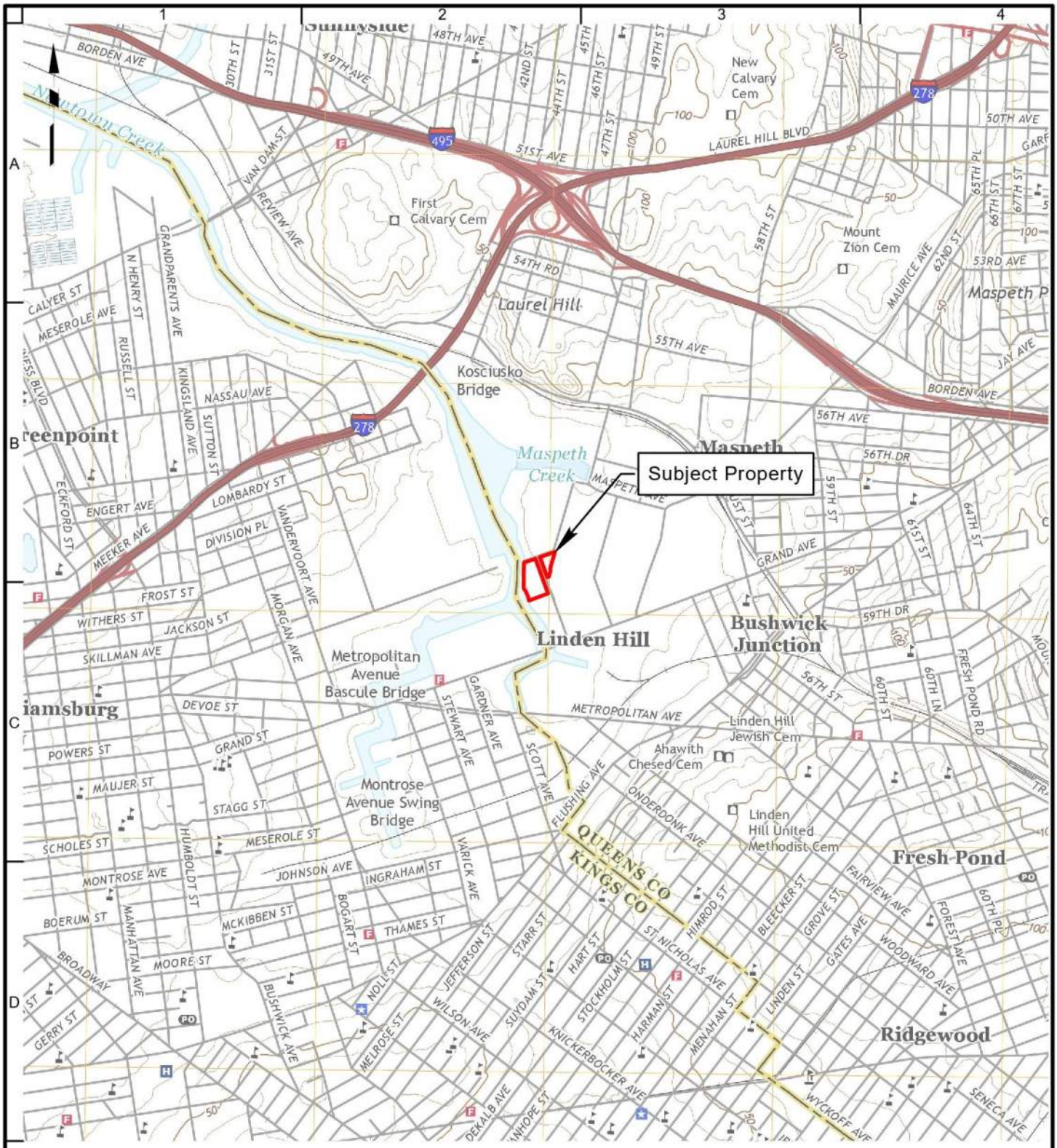
11.0 STATEMENT OF QUALIFICATIONS AND SIGNATURES

Langan declares that, to the best of its professional knowledge and belief, the personnel who performed this Phase I ESA meet the definition of Environmental Professional as defined in Subsection 312-10 of 40 CFR Part 312 and that they have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Subject Property. They have developed and performed the AAIs in conformance with the standards and practices set forth in 40 CFR Part 312. Resumes outlining the qualifications of the Environmental Professionals who performed this Phase I ESA are included in Appendix N.

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology D.P.C.

Jeffrey Stoicescu, PE
Vice President/Senior Associate

Figures



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Langan International LLC

Collectively known as Langan

Project	57-00, 57-05, 57-57 AND 58-20 47th STREET BLOCK Nos. 2601, 2602 LOT Nos. 1, 6, 68, 72 QUEENS NEW YORK
Figure Title	SUBJECT PROPERTY LOCATION MAP
Project No.	170686701
Date	7/6/2021
Scale	1"=2,000'
Drawn By	MG
Submission Date	
Figure No.	1
Sheet	1 of 3

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Legend

Subject Property

6 Tax Parcels

100 0 100

SCALE IN FEET

Notes:
1. World aerial imagery basemap is provided through Langan's Esri and ArcGIS software licensing and ArcGIS online.
2. Tax parcel data provided by the New York City Department of City Planning.

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Project
57-00, 57-05, 57-57 AND 58-20 47th STREET
BLOCK Nos. 2601, 2602
LOT Nos. 1, 6, 68, 72
QUEENS NEW YORK

Figure Title
SUBJECT PROPERTY PLAN

Project No. 170686701	Figure No. 2
Date 7/6/2021	
Scale 1"=100'	
Drawn By MG	
Submission Date	

Sheet 2 of 3

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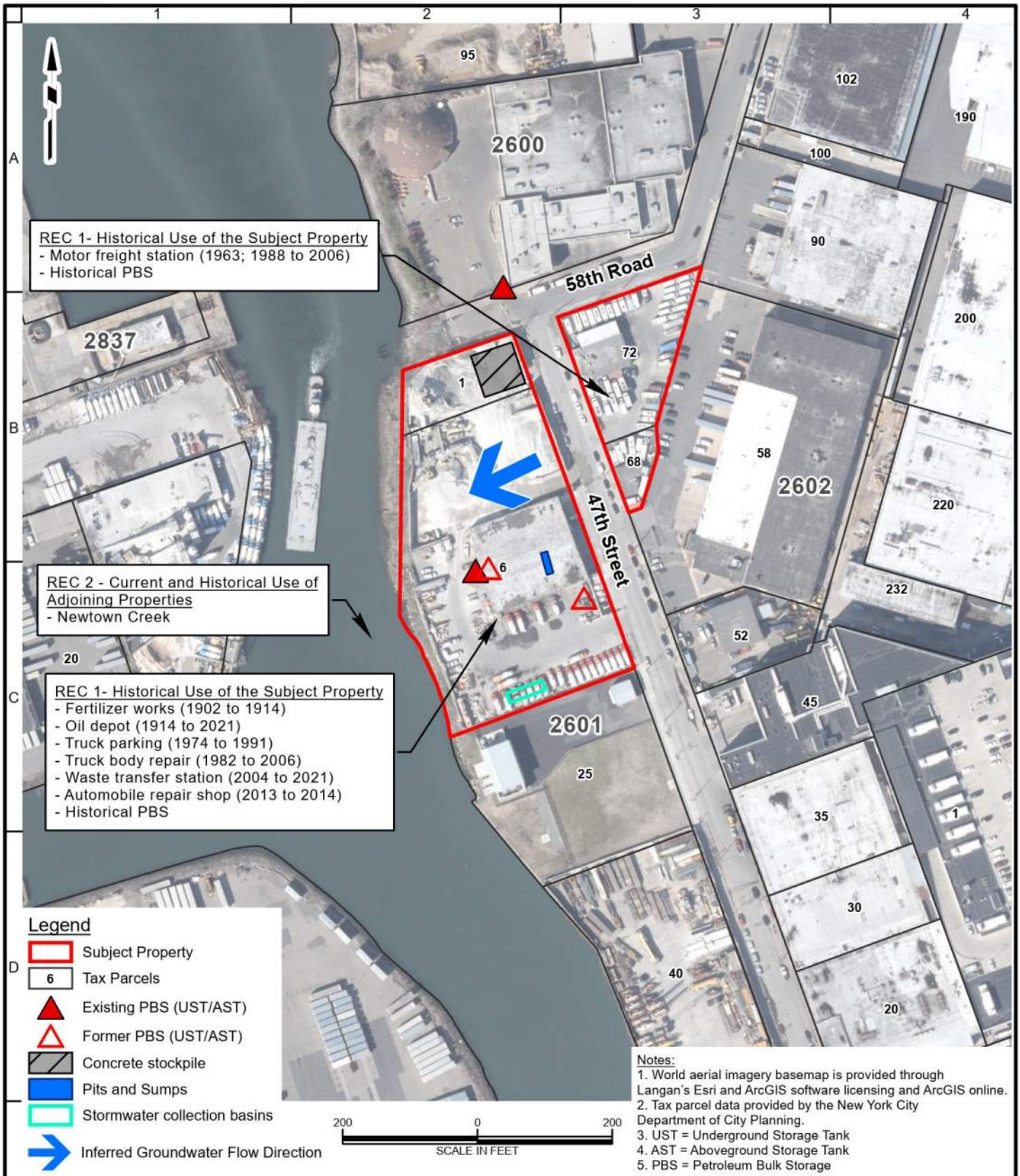
Path: \\langan.com\data\NYC\data7\170686701\Project Data\ArcGIS\APRX\170686701\170686701.aprx Date: 7/6/2021 User: mgeorgalas Time: 1:41 PM



Notes:
1. World aerial imagery basemap is provided through Langan's Esri and ArcGIS software licensing and ArcGIS online.
2. Tax parcel data provided by the New York City Department of City Planning.
3. UST = Underground Storage Tank
4. AST = Aboveground Storage Tank
5. PBS = Petroleum Bulk Storage

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Project
57-00, 57-05, 57-57 AND 58-20 47th STREET
BLOCK Nos. 2601, 2602
LOT Nos. 1, 6, 68, 72
QUEENS NEW YORK

Figure Title
RECOGNIZED ENVIRONMENTAL CONDITIONS MAP

Project No.	170686701
Date	7/21/2021
Scale	1"=200'
Drawn By	MG
Submission Date	
Figure No.	3
	Sheet 3 of 3

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Appendix A

Site Reconnaissance Photographs

SUBJECT PROPERTY

Photograph 1 - View of the building on Lot 6 from 47th Street, facing northwest.

Photograph 2 - View of the building on Lot 6, looking northeast.

Photograph 3 - View of active regrading/filling on the western sides of Lots 1 and 6, and approximately 1,000-cubic yard stockpile of recycled concrete aggregate on Lot 1, looking north.

Photograph 4 - View of the building on Lot 72 from 47th Street, looking east.

Photograph 5 - View of the building on Lot 72 looking northwest.

Photograph 6 - View of scaffolding staging/storage in the parking lot to the south of the building on Lot 72, looking north.

Photograph 7 - View of the building on Lot 68 from 47th Street, looking east.

Photograph 8 - View of the building on Lot 68, looking southwest.

Photograph 9 - View of empty, 275-gallon AST at the western exterior wall of the building on Lot 6, facing southeast.

Photograph 10 - View of vent pipes associated with former USTs on the southeast exterior wall of the building on Lot 6, facing northeast.

Photograph 11 - View of interior warehouse area in the building on Lot 6, including two mechanics pits, facing north.

Photograph 12 - View of typical interior office space in the building on Lot 6, facing west.

Photograph 13 - View of interior warehouse area in the building on Lot 72, facing west.

Photograph 14 - View of typical interior office space in the building on Lot 72, facing southwest.

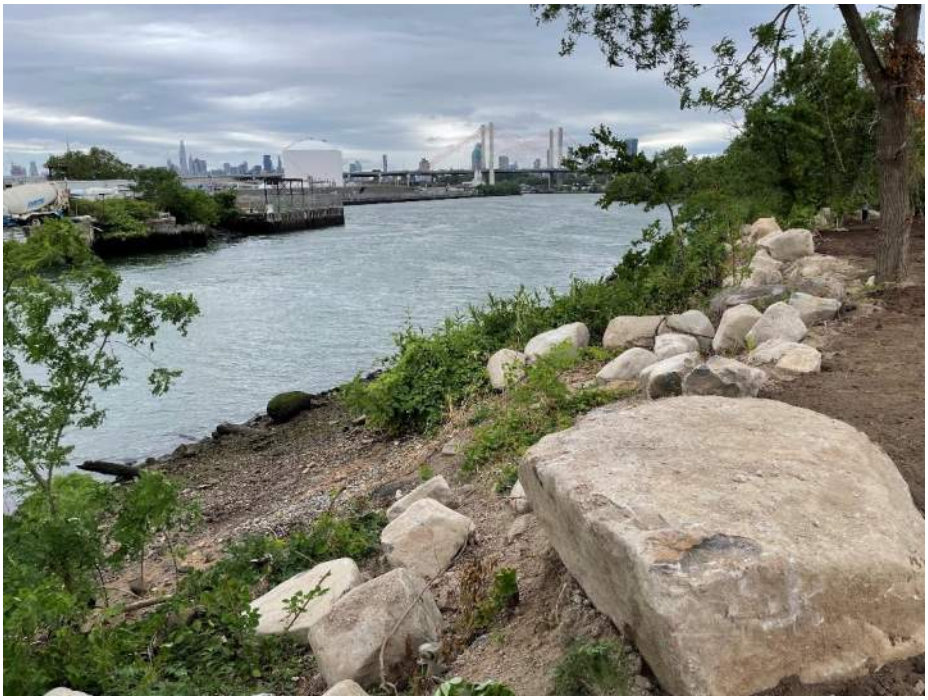
ADJOINING AND SURROUNDING PROPERTIES

Photograph 15 - View of north adjoining sanitation garage at 47-01 48th Street, facing northwest.

Photograph 16 - View of east adjoining distribution warehouse, facing east.

Photograph 17 - View of east adjoining industrial/warehouse building apparently occupied by Safeway Carting, facing southeast.

Photograph 18 - View of south adjoining NYCDEP Newtown Creek aeriation facility, facing west.



Photograph 19 - View of west adjoining Newtown Creek, facing northwest.

Appendix B

User Questionnaire

LANGAN

ASTM PRACTICE E 1527-13: USER/CLIENT QUESTIONNAIRE

Please complete the below form and return to
Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.

In order to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "Brownfields Amendments"), the User must conduct the following inquiries required by 40 CFR 312.25, 312.28, 312.29, 312.30, and 312.31. The User is defined as the party seeking to use Practice E1527 to complete an environmental site assessment of the property. A User may include, without limitation, a potential purchaser of property, a potential tenant of property, an owner of property, a lender, or a property manager. These inquiries must also be conducted by the EPA Brownfield Assessment and Characterization grantees. The User should provide the following information to the environmental professional. Failure to conduct these inquiries could result in a determination that "all appropriate inquires" is not complete.

General Information

User/Client Name (s): Bay Crane Service

Property Name: Peebble Lane Associates, Inc.

Address: 57-00 47th Street, Maspeth, NJ

Property Type: Industrial

Type of Property Transaction:

Purchase of property	☒
Financing of property	☐
Sale of property	☐
Ground Lease	☐
Build to Suit Lease	☐
Other_____	

Reason Why Phase I ESA is required: Collateral for Financing

Site Contact (s): the Lamannas and Rosanna Bartone

Required Information

The citation at the end of each item (e.g. 40 CFR 312.XX) is the section of EPA's November 1, 2005 AAI Final Rule which discusses that item.

LANGAN

	Yes	No
(1.) Environmental liens that are filed or recorded against the property (40 CFR 312.25). Did a search of recorded land title records (or judicial records, where appropriate, see Note 1 below) identify any environmental liens filed or recorded against the property under federal, tribal, state or local law?	☐	☒

Note 1 – In certain jurisdictions, federal, tribal, state or local statutes or regulations specify that environmental liens and AULs be filed in judicial records rather than in land title records. In such cases judicial records must be searched for environmental liens and AULs.

	Yes	No
(2.) Activity and use limitations that are in place on the property or that have been filed or recorded against the property (40 CFR 312.26(a)(1)(v) and (vi)). Did a search of recorded land title records (or judicial records where appropriate, see Note 1 above) identify any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the property and/or have been filed or recorded against the property under federal, tribal, state or local law?	☒	☐

per 2021 NYSDEC consent oder

	Yes	No
(3.) Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28). Do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?	☐	☒

	Yes	No
(4.) Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29).		
(a.) Does the purchase price being paid for this property reasonably reflect the fair market value of the property? [If no, proceed to Part 5.]	☐	☒
(b.) If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?	☐	☒

	Yes	No
(5.) Commonly known or reasonably known or reasonably ascertainable information about the property (40 CFR 312.30). Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user,	☐	☒
(a.) Do you know the past uses of the property?	☐	☒
(b.) Do you know of specific chemicals that are present or once were present at the property?	☐	☒
(c.) Do you know of spills or other chemical releases that have taken place at the property?	☐	☒
(d.) Do you know of any environmental cleanups that have taken place at the property?	☐	☒

	Yes	No
(6.) The degree of obviousness of the presence or likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31). Based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of releases at the property?	☐	☒

LANGAN

Additional Information

Please provide any additional information that you feel is pertinent to the investigation:

SIGNATURE:

It is understood that the information presented in this form is an integral part of the Phase I ESA process and that Langan will evaluate and rely on this information in the development of the final Phase I ESA report.

Completed By:

Print/Type Name: PHIL BERNARDO

Title:

Company: BAY CRANE

Date: 7/15/21

LANGAN

ASTM PRACTICE E 1527-13: USER/CLIENT QUESTIONNAIRE

Please complete the below form and return to
Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.

In order to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "Brownfields Amendments"), the User must conduct the following inquiries required by 40 CFR 312.25, 312.28, 312.29, 312.30, and 312.31. The User is defined as the party seeking to use Practice E1527 to complete an environmental site assessment of the property. A User may include, without limitation, a potential purchaser of property, a potential tenant of property, an owner of property, a lender, or a property manager. These inquiries must also be conducted by the EPA Brownfield Assessment and Characterization grantees. The User should provide the following information to the environmental professional. Failure to conduct these inquiries could result in a determination that "all appropriate inquires" is not complete.

General Information

User/Client Name (s): Bay Crane Service

Property Name: Peebble Lane Associates, Inc.

Address: 57-00 47th Street, Maspeth, NJ

Property Type: Industrial

Type of Property Transaction:

Purchase of property	☒
Financing of property	☐
Sale of property	☐
Ground Lease	☐
Build to Suit Lease	☐
Other_____	

Reason Why Phase I ESA is required: Collateral for Financing

Site Contact (s): the Lamannas and Rosanna Bartone

Required Information

The citation at the end of each item (e.g. 40 CFR 312.XX) is the section of EPA's November 1, 2005 AAI Final Rule which discusses that item.

LANGAN

	Yes	No
(1.) Environmental liens that are filed or recorded against the property (40 CFR 312.25). Did a search of recorded land title records (or judicial records, where appropriate, see Note 1 below) identify any environmental liens filed or recorded against the property under federal, tribal, state or local law?	☐	☒

Note 1 – In certain jurisdictions, federal, tribal, state or local statutes or regulations specify that environmental liens and AULs be filed in judicial records rather than in land title records. In such cases judicial records must be searched for environmental liens and AULs.

	Yes	No
(2.) Activity and use limitations that are in place on the property or that have been filed or recorded against the property (40 CFR 312.26(a)(1)(v) and (vi)). Did a search of recorded land title records (or judicial records where appropriate, see Note 1 above) identify any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the property and/or have been filed or recorded against the property under federal, tribal, state or local law?	☒	☐

per 2021 NYSDEC consent oder

	Yes	No
(3.) Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28). Do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?	☐	☒

	Yes	No
(4.) Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29).		
(a.) Does the purchase price being paid for this property reasonably reflect the fair market value of the property? [If no, proceed to Part 5.]	☐	☒
(b.) If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?	☐	☒

	Yes	No
(5.) Commonly known or reasonably known or reasonably ascertainable information about the property (40 CFR 312.30). Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user,	☐	☒
(a.) Do you know the past uses of the property?	☐	☒
(b.) Do you know of specific chemicals that are present or once were present at the property?	☐	☒
(c.) Do you know of spills or other chemical releases that have taken place at the property?	☐	☒
(d.) Do you know of any environmental cleanups that have taken place at the property?	☐	☒

	Yes	No
(6.) The degree of obviousness of the presence or likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31). Based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of releases at the property?	☐	☒

LANGAN

Additional Information

Please provide any additional information that you feel is pertinent to the investigation:

SIGNATURE:

It is understood that the information presented in this form is an integral part of the Phase I ESA process and that Langan will evaluate and rely on this information in the development of the final Phase I ESA report.

Completed By:

Print/Type Name: PHIL BERNARDO

Title:

Company: BAY CRANE

Date: 7/15/21

Appendix C

Previous Environmental Reports

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

In the Matter of the Violation of Articles 15, 17, 25 and 27, and 34 of the New York State Environmental Conservation Law and Parts 360, 608, 661 and 750 of Title 6 of the Codes, Rules and Regulations of the State of New York

-by-

PEBBLE LANE ASSOCIATES, INC.

AND

EMILIO LAMANNA, personally and as corporate officer for Pebble Lane Associates, Inc.

AND

MARY JEAN LAMANNA, personally and as corporate officer for Pebble Lane Associates, Inc.

AND

ROSSANA BORTONE, personally and as corporate officer for Pebble Lane Associates, Inc.

AND

57-00 MASPETH AVENUE, LLC

AND

SABATINO LAMANNA, personally and as corporate officer for Pebble Lane Associates, Inc. 57-00 Maspeth Ave, LLC

AND

RL FAMILY PROPERTY OWNER LLC

AND

EL FAMILY PROPERTY OWNER LLC

AND

SLMJL FAMILY PROPERTY OWNER LLC

Respondents

Site: 58-20 47th Street, Maspeth, NY 11378
Queens County, Tax Block 2601, Lot 1

57-00 47th Street, Maspeth, NY 11378
Queens County, Tax Block 2601, Lot 6

ORDER ON CONSENT

DEC FILE NO. R2-20210416-53

Jurisdiction

1. The Department of Environmental Conservation ("the Department" or "NYSDEC") is a department of the state of New York ("the State") with authority under section 3-0301 of the Environmental Conservation Law ("ECL") to enforce the environmental laws of the State and the rules, regulations and orders issued pursuant to that authority.

2. Pursuant to Article 15 of the ECL and Title 6 of the Official Compilation of Codes, Rules and Regulations of the State of New York ("NYCRR") Part 608, the Department has administrative jurisdiction over and is responsible for regulating the building of structures in, on, or above waters of the State and the placement of fill in the navigable waters of the State or wetlands adjacent thereto.

3. The Department is also responsible for the management of tidal wetlands and adjacent areas of the State and thus regulates, among other activities, the placement of fill and other materials or structures therein by requiring permits for these of activities pursuant to ECL Article 25 and 6 NYCRR Part 661.

4. Furthermore, the Department is responsible for the administration and enforcement of laws and regulations pertaining to the abatement and prevention of pollution of state waters pursuant to Article 17 of the ECL and 6 NYCRR Part 750.

5. The Department has jurisdiction over the abatement and prevention of pollution to the waters of the State pursuant to Article 17 of the ECL and 6 NYCRR Part 750, *et seq.* This jurisdiction also authorizes NYSDEC, as a State agency with an approved program per Sections 318, 402 and 405 of the federal Clean Water Act ("CWA"), 33 U.S.C. Section 1251, *et seq.*, and its implementing regulations under 40 C.F.R. Part 123 to regulate the discharge of pollutants from point sources into the waters of the State in conformity with the CWA.

6. Pursuant to this authority to protect the waters of the State, the Department administers the State Pollutant Discharge Elimination System ("SPDES") permit program, ECL §17-0801, *et seq.* In general, the SPDES program prohibits any discharge of pollutants to the waters of the State without a permit establishing pollutant limitations and treatment requirements. SPDES permits set certain effluent limitation parameters ("parameters"), determined according to ECL §17-0809 and 6 NYCRR §750-1.11, in keeping with water pollution control mandates and consistent with meeting water quality standards ("WQS"). Those conditions address not only the allowable range of parameters for discharge of pollutants to the waters of the State, but also the

manner in which the permittee is to operate, maintain, monitor, and report on its regulated facilities and activities.

7. The Department further has jurisdiction over the transportation, storage, treatment, and disposal of solid waste under Articles 27 and 71 of the ECL and Part 360 of 6 NYCRR. NYS ECL §27-0703 authorizes NYSDEC to adopt and promulgate, amend and repeal rules and regulations governing the operation of SWMFs. Pursuant to §27-0703, NYSDEC promulgated 6 NYCRR Parts 360, 361, 362, 363, and 365 governing the operation of SWMFs, effective November 4, 2017. NYCRR 360.4(f), as the transition rule applicable to a facility registered under the previously promulgated Part 360 in effect prior to November 4, 2017 (generally, as "Prior 360") that now requires a permit under 6 NYCRR Part 360, requires that such facilities must continue to operate in compliance with the conditions of the previously issued registration until a SWMF permit is issued by the Department. Any facility operating under Prior 360 Registration must comply with all applicable regulations under Prior 360. Therefore, all references in this order to 6 NYCRR Part 360 are to Prior 360.

Respondents

8. Respondent Pebble Lane Associates, Inc. (hereinafter "Pebble Lane") is a foreign limited liability company with a mailing address at 1218 Central Avenue, Suite 100, Albany, NY 12205 and was a lessee of Queens County, Tax Block 2601, Lots 1 and 6.

9. Respondent Emilio Lamanna is a corporate officer of Respondent Pebble Lane, who at all pertinent times has been involved in the day-to-day business activities of Pebble Lane, including those that gave rise to the violations. Respondent Emilio is also the co-owner of Queens County, Tax Block 2601, Lot 1.

10. Respondent Rossana Bortone (hereinafter "Bortone") is a corporate officer of Respondent Pebble Lane, who at all pertinent times has been involved in the day-to-day business activities of Pebble Lane, including those that gave rise to the violations.

11. Respondent Mary Jean Lamanna (hereinafter "Mary Jean") is a corporate officer of Respondent Pebble Lane, who at all pertinent times has been involved in the day-to-day business activities of Pebble Lane, including those that gave rise to the violations.

12. Respondent 57-00 Maspeth Avenue, LLC (hereinafter "57-00 Maspeth Ave LLC") is a domestic limited liability company with a mailing address at 57-05 47th Street, Maspeth, NY 11378. 57-00 Maspeth Ave is the owner of Queens County, Tax Block

2601, Lot 6.

13. Respondent Sabatino Lamanna is an individual who until November 2020 was the owner of Queens County, Tax Block 2601, Lot 1, together with Respondent Emilio Lamanna.

14. Respondent RL Family Property Owner LLC is a domestic limited liability company with an address at 248-22 Brookville Boulevard, Rosedale, NY 11422.

15. Respondent EL Family Property Owner LLC is a domestic limited liability company with an address at 248-22 Brookville Boulevard, Rosedale, NY 11422.

16. Respondent SLMJL Family Property Owner LLC is domestic limited liability company with an address at 248-22 Brookville Boulevard, Rosedale, NY 11422.

Site

17. The "Site," as the term is used in this Order, extends over two commercial waterfront parcels identified as Queens County Tax Block 2601, Lots 1 and the northern portion of Lot 6, as well as the area immediately adjacent thereto. Specifically, the Site encompasses the portion of the parcels that has been used for an aggregate facility as depicted in Figure 1, below:

Figure 1: The Site (Lot 1 and p/o Lot 6), facing east

18. The mailing address for Queens County Tax Block 2601 Lot 1 is 58-20 47th Street,

Maspeth, NY 11378.

19. The mailing address for Queens County Tax Block 2601 Lot 6 is 57-00 47th Street, Maspeth, NY 11378.

20. Respondent 57-00 Maspeth Ave LLC acquired Lot 6 on April 30, 1998.

21. By deed dated November 13, 2020, Respondent 57-00 Maspeth Avenue, LLC conveyed titled to Lot 6 to Respondents RL Family Property Owner LLC, EL Family Property Owner LLC, and SLMJL Family Property Owner LLC, each holding 1/3 of the undivided interested in Lot 6 as tenants in common.

22. Respondents Emilio Lamanna and Sabatino Lamanna acquired Lot 1 on December 31, 2008, and conveyed the lot by deed dated November 13, 2020, to EL Family Property Owner LLC and SLMJL Family Property Owner LLC.

23. The Site abuts, and a portion of the Site extends into, Newtown Creek, a navigable water of the State, which at the Site is mapped as a regulated tidal wetland on official tidal wetlands maps #590-506 and #590-508.

24. Portions of the Site are mapped as high marsh area and littoral zone, both areas that are protected and regulated under articles 15 and 25 of the ECL.

The 2009 Consent Order

25. On April 30, 2009, under file numbers R2-20061227-560 and R2-20090331-188, DEC entered into an order on consent ("the 2009 Order") with respondents Pebble Lane Associates, Inc.; Emilio Lamanna; Mary Jean Lamanna; Rossana Bortone; Sabatino Lamanna; and 57-00 Maspeth Avenue, LLC to address multiple violations at the Site involving ECL Art. 15, 17, 25, and 27 and the corresponding regulations.

26. Paragraph I of the 2009 Order required Pebble Lane Associates, Inc.; Emilio Lamanna; Mary Jean Lamanna; Rossana Bortone; Sabatino Lamanna; and 57-00 Maspeth Avenue, LLC to impose the obligation to comply with the 2009 Order onto any tenant, lessee or transferee and to provide DEC with any contract of sale or lease.

27. The 2009 Order required, among numerous other compliance activities, the development and implementation of a Best Management Practices Plan, the restoration of the wetland on the Site, the installation of a vegetated buffer area, and the relocation of the commercial operation on the Site pursuant to a tidal wetlands permit application the respondents to the 2009 Order were supposed to submit and complete.

28. On May 1, 2009, Respondents Emilio Lamanna and Sabatino Lamanna leased lot 6 to Pebble Lane Associates, LLC, a foreign limited liability company registered with the New York State Department of State on May 7, 2009, and a subsidiary of U.S. Concrete Inc., a corporation headquartered in Texas.

29. Also on May 2, 2009, 57-00 Maspeth Avenue LLC leased a portion of lot 1 to Pebble Lane Associates, LLC.

30. In violation of the 2009 Order, Respondents did not provide DEC with either lease.

31. Based on the lease agreement, Pebble Lane Associates, LLC and New York Sand & Stone LLC owned and operated a solid waste registration facility and aggregate facility on the Site but never obtained a tidal wetlands permit for their facility.

32. On or before September 17, 2012, a new concrete wall was installed at the northwest portion of the Site in the regulated tidal wetlands area without a DEC permit.

33. In violation of the 2009 Order, Respondents did not provide DEC with the sales or transfer agreements on which the November 13, 2020 deeds referenced in paragraphs 21 and 22, above, are based.

Applicable Law

34. ECL §15-0503(1)(b) and 6 NYCRR Part 608 prohibit the construction, placement, or expansion of any dock, wharf, platform, or other structure in, on, or above waters without a NYSDEC permit.

35. ECL §15-0107(4) defines “waters” to include, among other water bodies, “estuaries, marshes, inlets, canals, the Atlantic Ocean within the territorial limits of the state of New York, and all other bodies of surface or underground water, natural or artificial, inland or coastal, fresh or salt, public or private, which are wholly or partially within or bordering the state or within its jurisdiction.”

36. ECL §15-0505 and 6 NYCRR Part 608 prohibit the excavation and placement of fill in the navigable waters of the State or in marshes, estuaries, tidal marshes, and wetlands that are adjacent to and contiguous at any point to any of the navigable waters of the State and that are inundated at mean high water level or tide, without a permit from the NYSDEC.

37. ECL §71-1107 provides for a civil penalty of up to five thousand dollars ($5,000) for

each violation of section 15-0505 as well as criminal sanctions and injunctive relief.

38. ECL §71-§1127 provides that any person who violates or fails to comply with any rule, regulation, determination or order of the department under ECL Art. 15 shall be liable for a civil penalty of not more than $2,500 for each such violation and an additional civil penalty of not more than $500 for each day during which such violation continues.

39. ECL §17-0501 and 6 NYCRR §703.1 *et seq.* prohibit any discharge into the waters of the state that shall cause or contribute to a condition in contravention of the State's Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations.

40. Newtown Creek at the Site is categorized as Class SD saline surface water pursuant to 6 NYCRR §890.6 item 54.

41. Pursuant to 6 NYCRR §703.2 a discharge into a Class SD surface water must not increase turbidity in a manner that causes a substantial visible contrast to natural conditions.

42. ECL §17-0803 and 6 NYCRR §750-1.4 prohibit any discharge into the waters of the state not permitted by the provisions of Article 17 of the ECL, the rules and regulations adopted or applicable pursuant thereto, the Federal Water Pollution Control Act, or provisions of a permit issued pursuant to ECL Article 17, including General Permit GP-0-15-002.

43. Pursuant to 40 C.F.R. 122.26(b)(15)(i) the term "construction activities" requiring coverage under General Permit GP-0-15-002 includes clearing, grading, and excavating that result in land disturbance of equal to or greater than one acre.

44. ECL §17-0503(2) provides that "[g]arbage, cinders, ashes, oils, sludge or refuse of any kind shall not be thrown, dumped or permitted to run into the waters of the marine district."

45. Pursuant to ECL § 13-0103, the marine district encompasses the waters of the Atlantic Ocean within three nautical miles from the coast line and all other tidal waters within the state.

46. ECL 71-1929 provides for a civil penalty of up to thirty-seven thousand five hundred dollars ($37,500) per day for each violation of titles 1 through 11 inclusive and title 19 of

Article 17, or the rules, regulations, orders, or determinations of the Commissioner promulgated thereto.

47. ECL §25-0401 and 6 NYCRR § 661.8 prohibit regulated activities in a tidal wetland or regulated tidal wetland adjacent area without a permit from NYSDEC.

48. 6 NYCRR § 661.4(ee)(1) defines "regulated activity" to encompass, among other activities,

a. "any form of [...] excavation or removal, either directly or indirectly, of soil, mud, sand, shells, gravel or other aggregate;"

b. "any form of dumping, filling or depositing, either directly or indirectly, of any soil, stones, sand, gravel, mud, rubbish or fill of any kind;"

c. "the erection of any structures or construction of any facilities or roads, the driving of any pilings or placing of any other obstructions, whether or not changing the ebb and flow of the tide;"

d. "any form of pollution;"

e. "any portion of a subdivision of land located in any tidal wetland or adjacent area;" and

f. "any other new activity within a tidal wetland or on an adjacent area which directly or indirectly may substantially alter or impair the natural condition or function of any tidal wetland."

49. 6 NYCRR § 661.4(gg) defines the term "subdivision" to include "any grading, road construction, installation of utilities or other improvements or any other land use and development preparatory or incidental to any such division."

50. ECL § 71-2503 authorizes the imposition of a civil penalty of up to ten thousand dollars ($10,000) per day for each violation of Article 25 as well as injunctive relief.

51. ECL § 27-0707 and 6 NYCRR § 360-1.5(a) prohibit the disposal of solid waste except at a properly authorized disposal facility or one that is exempt from the requirements of Part 360.

52. Section 360-1.7(a) of 6 NYCRR states that no person shall construct, operate,

modify, or expand a solid waste management facility except in accordance with a valid permit issued by the Department.

53. Section 360-1.7(a)(2)(iv) of 6 NYCRR provides that new solid waste management facilities must not be constructed or operated within the boundary of a regulated wetland.

54. Section 360-1.14(b)(1) of 6 NYCRR provides that solid waste shall be prevented from entering surface and/or groundwater.

55. Section 360-16.1(c) of 6 NYCRR states that no person shall construct or operate a facility used to receive, treat or process construction and demolition debris ("C&D debris") without first having obtained a permit to do so from the department.

56. Section 360-16.4(f)(3) of 6 NYCRR states that processed or unprocessed C&D debris storage piles shall not exceed 20 feet in height, and the area of the storage pile at the base shall not exceed 5,000 square feet.

57. Pursuant to ECL §71-2703(1), any violation of 6 NYCRR Part 360 or any order issued thereunder subjects the violator(s) to a civil penalty of up to $7,500 for each violation and an additional penalty of $1,500 for each day the violation continues, as well as to criminal penalties and injunctive relief. Violations related to the laws and regulations involving waste transporter permits or solid waste management and resource recovery facilities may be sanctioned by a civil penalty of up to $22,500 if they involve the release of ten cubic yards or more of solid waste in the environment. If construction and demolition debris is involved, an additional civil penalty of up to $15,000 per day for each violation may be imposed pursuant to ECL § 71-2703(3).

58. By failing to comply with the 2009 Order, by operating or causing the operation of the registration facility in the tidal wetland and adjacent area without permit, by installing an additional wall structure, Respondents violated ECL §15-0503(1)(b), 71-1929, 25-0401, and 71-2703(1) as well as the corresponding regulations of Part 608, 703, 661, and 360.

59. In settlement of the Respondents' civil liability for the aforesaid violations Respondents affirmatively waive their rights to notice and hearing in the manner provided by law and consent to the payment of the sums specified below, and the issuance and entry of this Order. Respondents agree to be bound by the terms, provisions and conditions contained herein.

NOW, having considered this matter and being duly advised, it is ORDERED:

I. Respondents shall carry out their respective obligations set forth in the attached Schedule of Compliance ("Schedule A") which is hereby made part of this Order. Unless otherwise specified in this Order, Respondents shall certify in writing completion of the respective activities for which they are responsible within fifteen (15) days of the completion of each activity. Should Respondents sell, transfer, or otherwise convey the subject property or any ownership or controlling interest therein, they shall impose the obligation to comply with said Schedule and all other terms and conditions of this Order on the purchaser, successor, or assign by contract. Respondents shall submit to NYSDEC a copy of any contract of sale of the premises or of a controlling interest therein within five days of the execution thereof or at least thirty days prior to any such conveyance or sale, whichever shall be earlier.

II. This Order on Consent, once it is signed by the Respondents and their signatures have been notarized, shall be returned to

NYSDEC Region 2
Attention: Udo Drescher
Office of General Counsel
47-40 21st Street, Fl. 4
Long Island City NY 11101-5401

along with any pertinent submissions.

III. Civil Penalty: With respect to the aforesaid violations, Respondents shall be jointly and severally liable to pay a civil penalty in the amount of eight hundred twenty-four thousand dollars ($824,000) to be paid as follows:

A. Half of the assessed civil penalty, that is, four hundred twelve thousand dollars ($412,000), shall be paid in four equal monthly installments as follows:

1. One hundred three thousand dollars ($103,000) shall be due and payable within thirty (30) days after the Department's execution of this Order.

2. One hundred three thousand dollars ($103,000) shall be due and payable within sixty (60) days after the Department's execution of this Order.

3. One hundred three thousand dollars ($103,000) shall be due and payable within ninety (90) days after the Department's execution of this Order.

4. One hundred three thousand dollars ($103,000) shall be due and payable within one hundred twenty (120) days after the Department's execution of this Order.

All payments shall be made by electronic payment at http://www.dec.ny.gov/about/61016.html#On-Line or by check made payable to the order of the "New York State Department of Environmental Conservation," with the enclosed invoice and the Case Number of this Order on Consent "R2-20210416-53" written in the memo section of the check, which shall be sent to the Department of Environmental Conservation, Division of Management and Budget Services, 625 Broadway, 10th Floor, Albany, NY 12233-4900.

B. The remainder of the penalty in the amount of four hundred twelve thousand dollars ($412,000) shall be suspended, provided Respondents strictly and timely comply with the requirements of this Order and the attached Schedule of Compliance.

C. The suspended portion of the civil penalty shall become payable by all Respondents, jointly and severally, immediately upon service of a Notice of Non-Compliance to any Respondent.

D. Default of Payment. The penalty assessed in the Order constitutes a debt owed to the State of New York. Failure to pay the assessed penalty, or any part thereof, in accordance with the schedule contained in the Order, may result in referral to the New York State Attorney General for collection of the entire amount owed (including the assessment of interest, and a charge to cover the cost of collecting the debt), or referral to the New York State Department of Taxation and Finance, which may offset any tax refund or other monies that may be owed to you by the State of New York by the penalty amount. Any suspended or stipulated penalty provided for in this Order will constitute a debt owed to the State of New York when and if such penalty become due.

IV. Permit Requirement/Schedule of Compliance: Respondents as well as their successors and assigns shall apply for any required NYSDEC permits for future work on the site to be conducted by or on behalf of Respondents and obtain them before doing any such work, except that a NYSDEC permit shall not be required for the performance of the work described in the annexed Schedule of Compliance.

V. Access: For the purpose of monitoring compliance with this Order and with applicable provisions of the ECL and regulations promulgated thereunder, duly authorized representatives of NYSDEC shall be permitted access to the Site and to relevant records without prior notice during reasonable hours at such times as may be desirable or necessary in order to inspect and perform tests the Department deems appropriate to determine the status of the property and Respondent's compliance. Such permitted access to ensure compliance shall include overhead flights by Department owned and operated remotely piloted aircraft systems upon reasonable notice to Respondent.

VI. Violation of this Order: In the event that NYSDEC determines that there is a violation of this Order on Consent, the NYSDEC reserves the right to initiate actions based upon the violation(s) of this Order on Consent and also to seek penalties for such additional violations (including continued violations) that occur after the date of this order.

VII. Binding Effect: The provisions of this Order shall be deemed to bind the Respondents and the Respondents' successors and assigns, including but not limited to any successor in title to the Site or any interest therein, receivers, trustees in bankruptcy, and all persons, officers, directors, employees, or agents acting under or for Respondents.

VIII. Indemnification: Respondents shall indemnify and hold harmless New York State, NYSDEC, and any of their employees, agents, or contractors for all claims, actions, damages, and costs resulting from Respondents' acts in fulfillment or attempted fulfillment of the provisions of this Order.

IX. Settlement and Reservation of Rights.

A. Upon completion of all obligations created in this Order, this Order settles only all claims for civil and administrative penalties concerning the violations described in this Order against Respondents and their successors (including successors in title) and assigns.

B. Except as provided in Subparagraph IX(A) of this Order, nothing contained in this Order shall be construed as barring, diminishing, adjudicating or in any way affecting any of the civil, administrative, or criminal rights of the Department or of the Commissioner or his designee (including, but not limited to, nor exemplified by, the rights to recover natural resources damages and to exercise any summary abatement powers) or authorities with respect to any party, including Respondent.

C. NYSDEC reserves the right to require the Respondents to undertake any additional measures required by law to protect human health and the environment, subject to Respondents' procedural rights under the State Administrative Procedures Act and NYSDEC Uniform Procedures Regulations at 6 NYCRR Parts 620 to 622.

X. Communication: All reports, submissions, and certifications herein required shall be made to the New York State Department of Environmental Conservation, Region 2, 47-40 21st Street, Long Island City, NY 11101, Attn: Justin Falls, Marine Resources Program. A copy of each shall also be sent to Udo M. Drescher, Asst. Regional Attorney, at the same address or by email at udo.drescher@dec.ny.gov. The NYSDEC file number appearing on the first page of this Order shall be endorsed on the face of each such submission.

XI. Miscellaneous:

A. No changes in this Order shall be binding upon NYSDEC unless such changes are authorized in writing by the NYSDEC Region 2 Director.

B. The provisions of this Order constitute the complete and entire Order issued to Respondents concerning resolution of the violations identified in this Order. No term, condition, understanding or agreement purporting to modify or vary any term hereof shall be binding unless made in writing and subscribed by the party to be bound. No informal oral or written advice, guidance, suggestion, or comment by the Department regarding any report, proposal, plan, specification, schedule, comment, or statement made or submitted by the Respondent shall be construed as relieving the Respondents of their obligations to obtain such formal approvals as may be required by this Order.

C. This Order resolves only those violations specifically described herein and does not relieve Respondent of liability for any acts, omissions, or

violations not articulated herein, nor does it relieve Respondent of any liability pursuant to the jurisdiction of any other local, state, or federal agency.

XII. Force Majeure: If a Respondent cannot comply with a deadline or requirement of this Order on Consent, because of natural disaster, epidemic or pandemic, war, terrorist attack, strike, riot, judicial injunction, or other, similar unforeseeable event which was not caused by the negligence or willful misconduct of Respondent and which could not have been avoided by the Respondent through the exercise of due care, Respondent shall apply in writing to the Department within a reasonable time after obtaining knowledge of such fact and request an extension or modification of the deadline or requirement. Respondent shall include in such application the measures taken by Respondent to prevent and/or minimize any delays. Failure to give such notice constitutes a waiver of any claim that a delay is not subject to penalties. Respondent shall have the burden of proving that an event is a defense to a claim of non-compliance with this Order on Consent pursuant to this subparagraph.

XIII. Effective Date and Termination: The effective date of this Order shall be the date upon which it is signed on behalf of NYSDEC. This Order shall terminate when all requirements imposed by this Order will have been completed to the Department's satisfaction.

DATED: Long Island City, New York

APRIL 29, 2021

BASIL B. SEGGOS
Commissioner
New York State Department of
Environmental Conservation

BY: _____

PATRICK FOSTER
Acting Regional Director
NYSDEC Region 2

To:
Peter Sullivan, Esq.
Sullivan P.C.
7 East 20th Street
New York NY 10003-1106
ps@sullivanlegal.net

SCHEDULE OF COMPLIANCE (SCHEDULE A)

RESPONDENTS: PEBBLE LANE ASSOCIATES, INC.; EMILIO LAMANNA; MARY JEAN LAMANNA; ROSSANA BORTONE; 57-00 MASPETH AVENUE, LLC; SABATINO LAMANNA; RL FAMILY PROPERTY OWNER, LLC; EL FAMILY PROPERTY OWNER, LLC; AND SLMJL FAMILY PROPERTY OWNER, LLC

NYSDEC FILE NO. R2-20210416-53

1. **Within sixty (60) days after the effective date of this Order** Respondents must:

   1.1. Close the solid waste operation on the Site by removing all waste material and submitting to the Department's Division of Materials Management, 47-40 21st Street, 4th Floor, Long Island City, NY 11101-5407, a completed and signed Inactive Solid Waste Management Facility or Activity Notification Form together with a closure report which must include

   1.1.1. a narrative that explains that the facility is closed - the attached form (Attachment 1) should be completed and included, which provides for termination of the facility registration;

   1.1.2. the date when the facility ceased acceptance of solid waste;

   1.1.3. a statement that all solid wastes and solid waste processing/handling equipment specific to the facility have been removed from the facility;

   1.1.4. an explanation that the closure will "minimize the need for further maintenance or corrective actions and to prevent or remedy adverse environmental or health impacts such as, but not limited to, contravention of surface water and groundwater quality standards, gas migration, odors and vectors."

   1.1.5. a final survey documenting that materials have been removed; and

   1.1.6. photographs that document the conditions at the time of closure, depicting the entire area that was utilized for the operation of the facility and taken in such sequence, frequency, and clarity that a compliance determination can be made using he photographs. The photos must be accompanied by a photo map, showing the location and direction of each photo.

The form and report must be signed by a properly authorized, competent representative of the facility.

1.2. Complete a solid waste management facility annual report for activities conducted during calendar year 2021, using Attachment 2, and submit it via email to swmfannualreport@dec.ny.gov and SWMFannualreportR2@dec.ny.gov.

1.3. Schedule an inspection by Department Division of Materials Management staff to occur after all solid waste and facility equipment have been removed from the facility. Respondents shall schedule such inspection by contacting Udo Drescher at udo.drescher@dec.ny.gov.

2. **Within sixty (60) days after the effective date of this Order** Respondents must implement the wetlands restoration plan, identified as "Consent Order Site Plan" Drawing A-001.00 – A-003.00, prepared by Sheldon L. Reich, P.C., Consulting Engineers & Architects, dated 06.08.18 and last revised 04.19.21, a reduced copy of which is attached hereto as Attachment 3.A – 3.C, removing all aggregate material, structures and structural elements (including, but not limited to, concrete blocks, the concrete wall[s], and any concrete blocks that have tumbled down on the shoreline) from the tidal wetland and buffer area and creating a functioning high marsh area. .

3. **The high marsh area must be planted with a mixture of the following** grasses and shrubs:

3.1. The shrubs must consist at least six hundred (600) shrubs, consisting of *Iva frutescens* and *Baccharis halimifolia,* which must be at least 2.5 feet (thirty inches) tall at the time of planting and must be planted three feet (3 ft) on center.

3.2. Grasses must include one thousand (1,000) grass culms of either Distichlis spicata or Spartina patens but may also include Panicum virgatum, Scirpus punges and Juncus gerardii. The grasses must be planted three feet (3') on center and must be 2.3 feet (twenty-eight inches) tall at the time of planting.

4. **In the buffer planting area**, landward of the high marsh area, one thousand one hundred (1,100) plants comprised of a mixture of at least two (2) but possibly more of the following plant species must be planted and should be shown on the plan(s)): *Ammophila breviligulata, Andopogon virginicus, Cares Pensylvanica , Panica virgatum , Schizachyrium scoparium or Sorghastrum nultans.* These must be planted three feet (3') on center and must be 2.3 feet (twenty-eight inches) tall at the time of planting.

5. All plantings must be arranged in a random and naturalistic arrangement.

6. The plantings must be monitored for five (5) years following planting.

   6.1. If during the monitoring period the survival rate or areal coverage within the respective planting area drops below 85%, dead plants must be replaced and the planting area must be monitored again until an 85% survival rate is accomplished over at least two (2) consecutive growing seasons.

   6.2. An annual inspection report must be submitted to the Department no later than December 31 of each year during the monitoring period(s). The reports must be signed by a party taking responsibility for the reports' accuracy on behalf of Respondents and must include:

      6.2.1. Written observations of the condition of the plants as well as a description of percent survival, and

      6.2.2. Color photographs of such size, detail and sharpness and taken in such sequence that the photos clearly and completely depict the monitored area in a manner that a compliance determination can be made exclusively by using those photographs.

7. **During** the removal and planting activities, best management practices (BMPs) in the form of silt fencing and hay bales or similarly effective methods must be deployed and maintained in good working condition to prevent soil and other material from eroding into the tidal wetland and from the planting area into Newtown Creek. These BMPs must be maintained until a vegetative cover has formed that prevents erosion.

8. **Within two (2) weeks after the effective date of this Order** Respondents must record in the property records for lots 1 and 6 a restrictive declaration, consistent with the draft attached as Attachment 4, having inserted and missing information and having the document signed by the appropriate, authorized representatives of the lot owners and having those signatures properly notarized prior to recording. The purpose of the restrictive declaration is to identify and protect the tidal wetland and vegetated buffer area as such against incursions by current or future owners, tenants, and occupants. Prior to recording, Respondents must submit both declarations with the respective attachments to the Department (udo.drescher@dec.ny.gov) for review and approval. The documents must be prepared in such a manner that the content of the declarations and the attachments, including the fine print, will be legible to an average viewer of New York City's ACRIS system.

Attachment 1

Division of Materials Management
New York State Department of Environmental Conservation
INACTIVE SOLID WASTE MANAGEMENT
FACILITY OR ACTIVITY NOTIFICATION FORM

FACILITY NAME:		
FACILITY ADDRESS:		
FACILITY CITY:	**STATE:**	**ZIP CODE:**

TYPE OF INACTIVE FACILITY OR ACTIVITY: (Check all applicable boxes)

- ☐ **Anaerobic Digestion – permit**
- ☐ **Anaerobic Digestion – registration**
- ☐ **C&D Processing – permit**
- ☐ **C&D Processing – registration**
- ☐ **Composting – Source Separated Organic Waste – permit**
- ☐ **Composting – Source Separated Organic Waste – registration**
- ☐ **Composting – Yard Waste – permit**
- ☐ **Composting – Yard Waste – registration**
- ☐ **Composting/other Processing – Biosolids/other**
- ☐ **Household Hazardous Waste**
- ☐ **Land Application – Biosolids/Septage/other – permit**
- ☐ **Land Application – Nonrecognizable Food Processing Waste – registration**
- ☐ **Land Application – Septage - registration**
- ☐ **Landfill – Construction & Demolition Debris**
- ☐ **Landfill – Industrial/Commercial**
- ☐ **Landfill – Land Clearing Debris**
- ☐ **Landfill – Long Island**
- ☐ **Landfill – Municipal Solid Waste**
- ☐ **Mobile Vehicle Crushers**
- ☐ **Municipal Waste Combustor**
- ☐ **Recyclable Handling & Recovery**
- ☐ **Regulated Medical Waste – Radiopharmacy**
- ☐ **Regulated Medical Waste – Onsite Treatment**
- ☐ **Regulated Medical Waste – Commercial Treatment**
- ☐ **Regulated Medical Waste – Transfer Station**
- ☐ **Storage – Biosolids/Septage – permit**
- ☐ **Storage – Nonrecognizable Food Processing Waste**
- ☐ **Storage – Septage – registration**
- ☐ **Transfer Station – permit**
- ☐ **Transfer Station – registration**
- ☐ **Vehicle Dismantling Facility**
- ☐ **Waste Tire Storage – Dealer**
- ☐ **Waste Tire Storage – New Product Manufacturing**
- ☐ **Waste Tire Storage – Onsite Energy Recovery**
- ☐ **Waste Tire Storage – permitted**
- ☐ **Waste Tire Storage – Retreader**
- ☐ **Other _____**

DEC ACTIVITY CODE(S) OR REGISTRATION NUMBER(S):	**FACILITY COUNTY:**	**NYSDEC REGION #:**

This document certifies that the type of facility or activity identified above is no longer operational. The owner/ operator relinquishes their NYSDEC permit/registration and retains no other permit, registrations, or licenses related to the identified activity. It is recognized that in order to resume operation, a new permit application or registration form must be submitted to the Department for processing and approval. This notification does not excuse the facility from any closure, post-closure, or other requirements identified in 6 NYCRR Part 360.

I hereby affirm under penalty of perjury that information provided on this form was prepared by me or under my supervision and direction and is true to the best of my knowledge and belief, and that I have the authority to sign this form pursuant to 6 NYCRR Part 360. I am aware that any false statement made herein is punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

_____	_____	(_____) _____
Name (Print or Type)	Title (Print or Type)	Phone Number
_____	_____	_____
Address	City	State and Zip Code
_____	_____	
Signature	Date	

Attachment 2

REGISTERED C&D DEBRIS HANDLING AND RECOVERY FACILITY ANNUAL REPORT

(If you need assistance filling out this form please email swmfannualreport@dec.ny.gov or call 518-402-8678.)

This annual report is for the year of operation from January 01, 2021 to December 31, 2021

SECTION 1 – GENERAL INFORMATION

FACILITY INFORMATION			
FACILITY NAME:			
FACILITY LOCATION ADDRESS:	**FACILITY CITY:**	**STATE:**	**ZIP CODE:**
FACILITY TOWN:	**FACILITY COUNTY:**	**FACILITY PHONE NUMBER:**	
FACILITY NYS PLANNING UNIT: (A list of NYS Planning Units can be found at the end of this report).		**NYSDEC REGION #:**	

360 PERMIT #: (Refer to DEC Permit)	**DATE ISSUED:**	**DATE EXPIRES:**	**NYS DEC ACTIVITY CODE OR REGISTRATION NUMBER:** (Refer to DEC Registration)

FACILITY CONTACT:	☐ public ☐ private	**CONTACT PHONE NUMBER:**	**CONTACT FAX NUMBER:**
CONTACT EMAIL ADDRESS:			

OWNER INFORMATION			
OWNER NAME:	**OWNER PHONE NUMBER:**	**OWNER FAX NUMBER:**	
OWNER ADDRESS:	**OWNER CITY:**	**STATE:**	**ZIP CODE:**
OWNER CONTACT:	**OWNER CONTACT EMAIL ADDRESS:**		

OPERATOR INFORMATION	
OPERATOR NAME: ☐	☐ public ☐ private

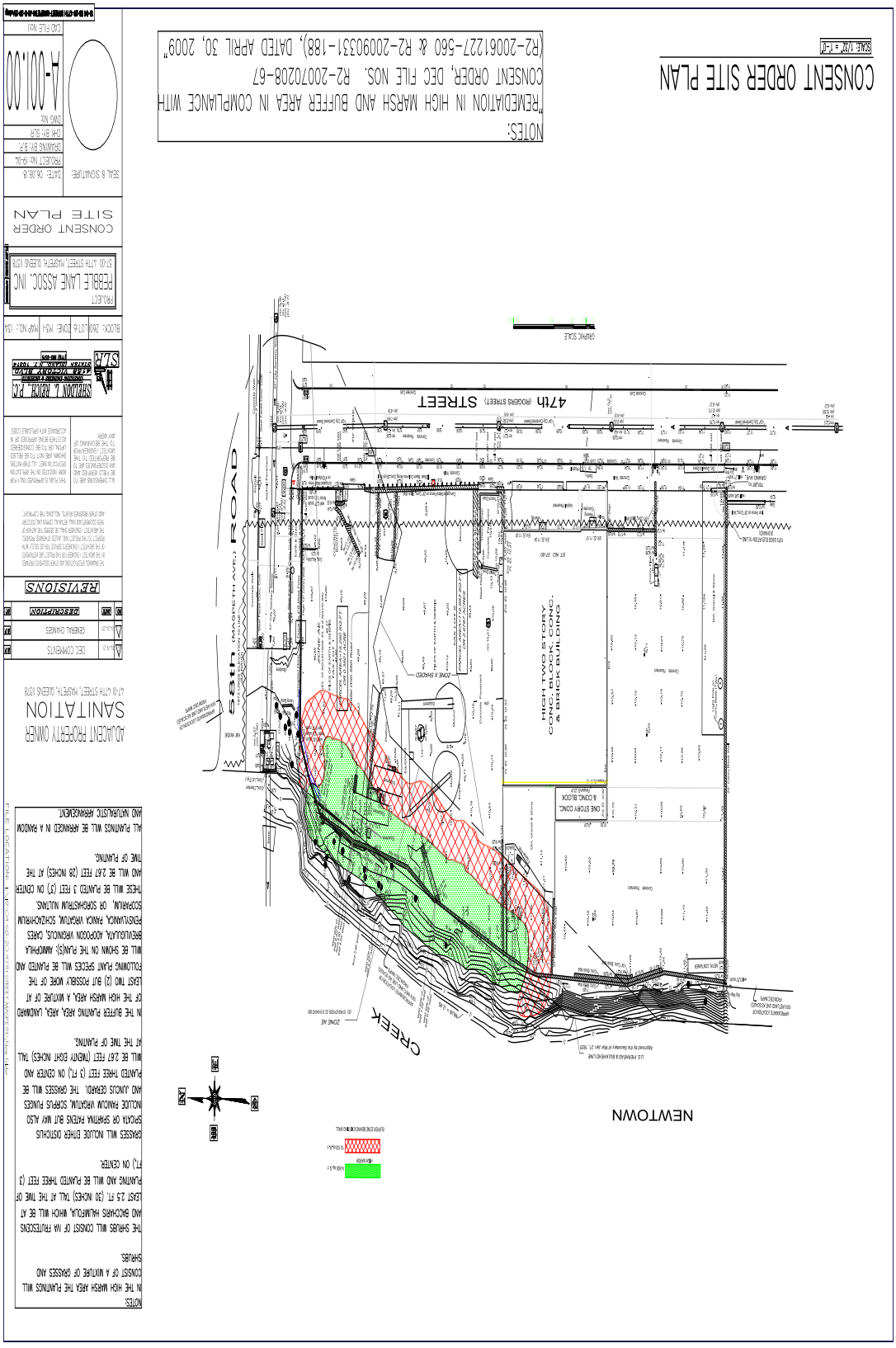
PREFERENCES
☐ ☐ ☐ ☐
☐ ☐ ☐
☐ ☐ ☐

Did you operate in 2021? ☐ Yes; Complete this form.

☐ No; Complete and submit Sections 1 and 11. If you no longer plan to operate and wish to relinquish your permit/registration associated with this solid waste management activity, also complete the "Inactive Solid Waste Management Facility or Activity Notification Form" located at: http://www.dec.ny.gov/chemical/52706.html .

Revised 4/2021

Attachment 3. A



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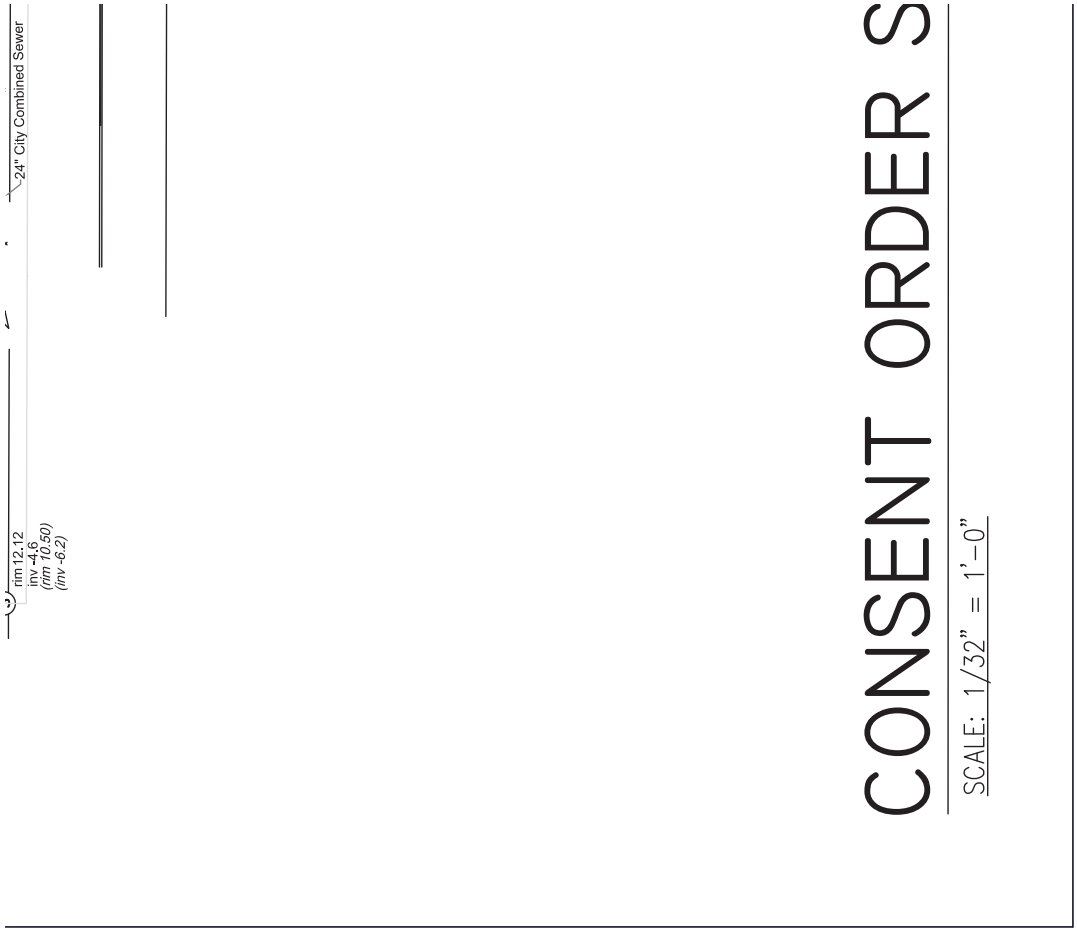

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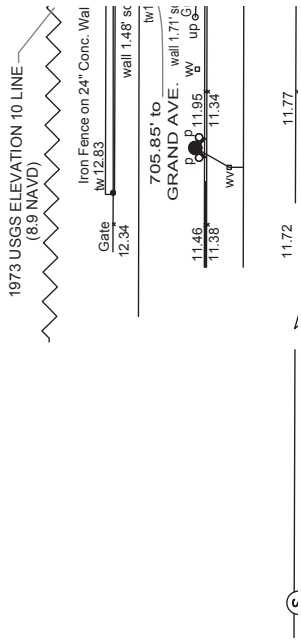

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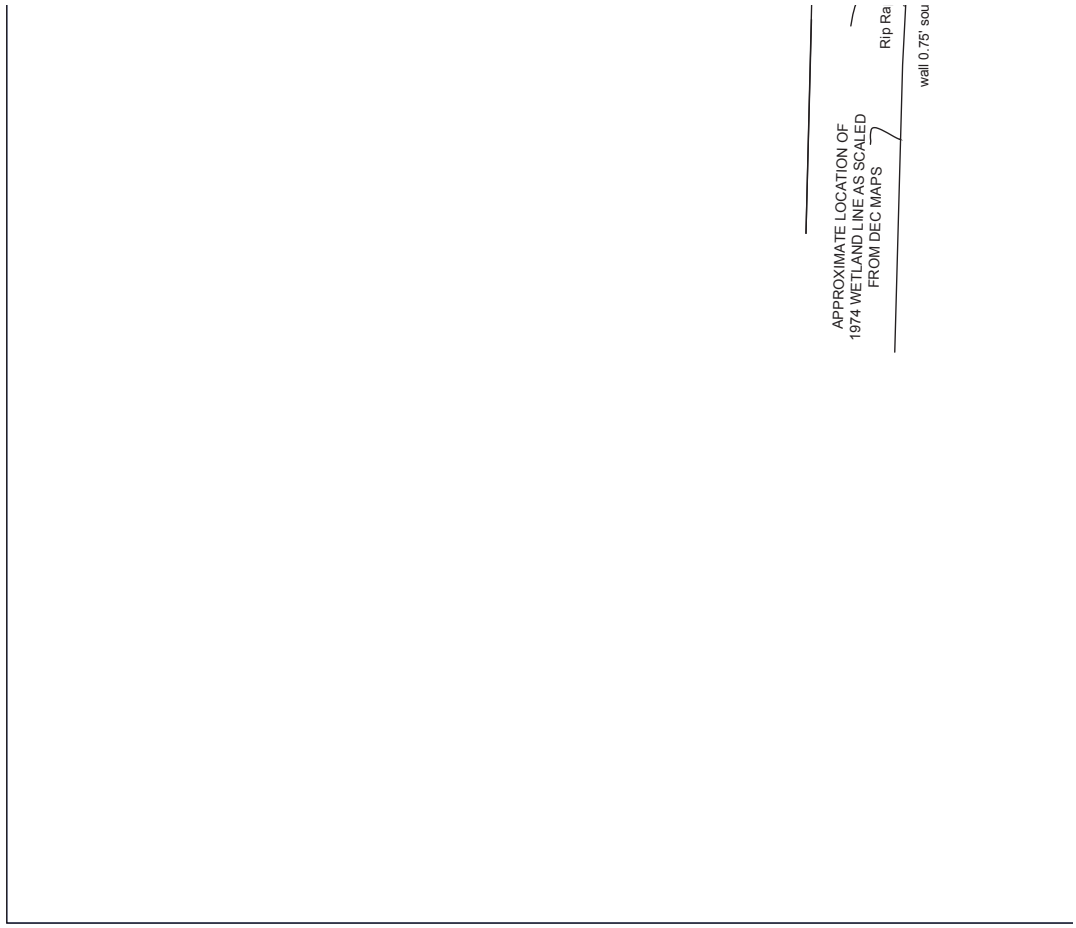

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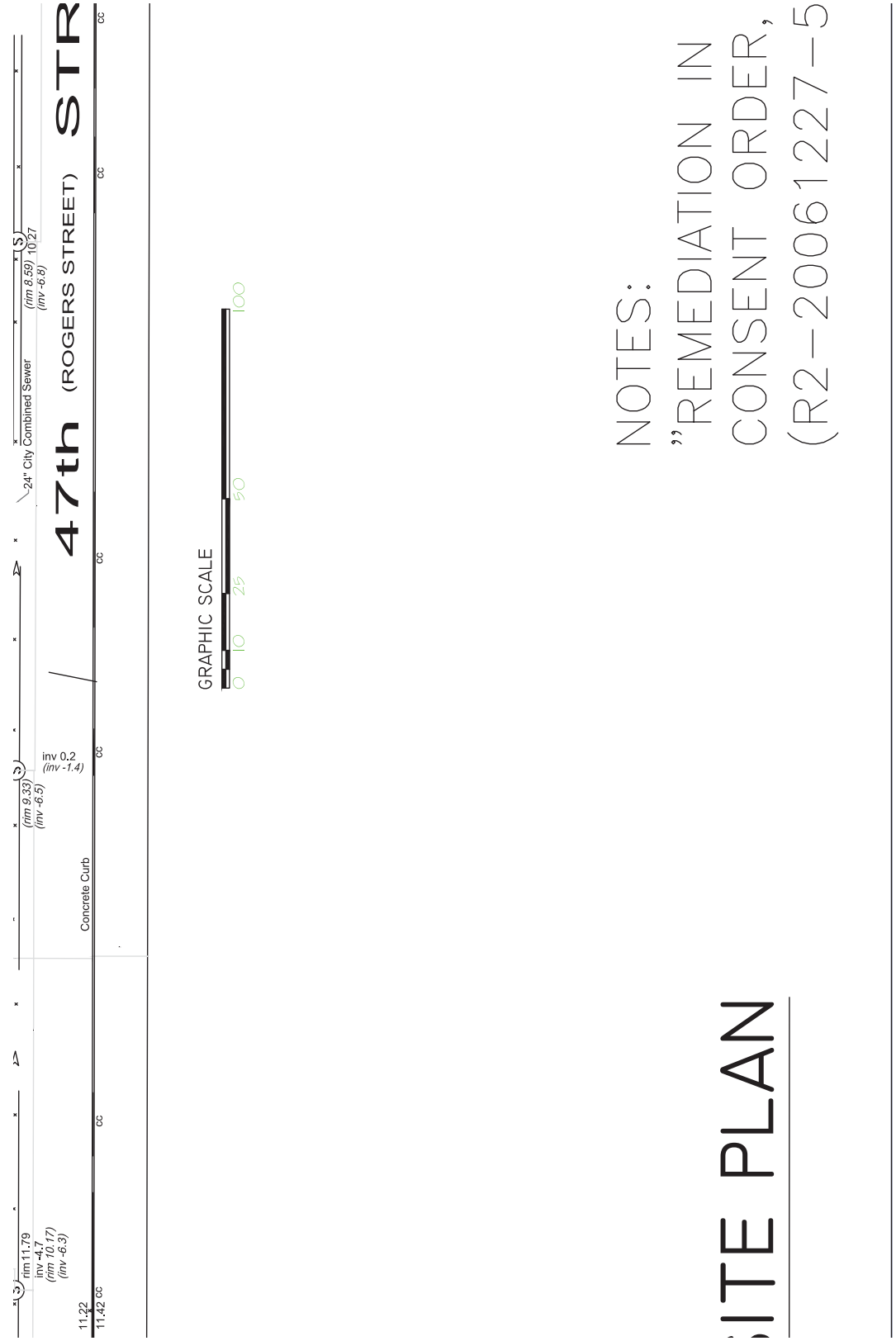

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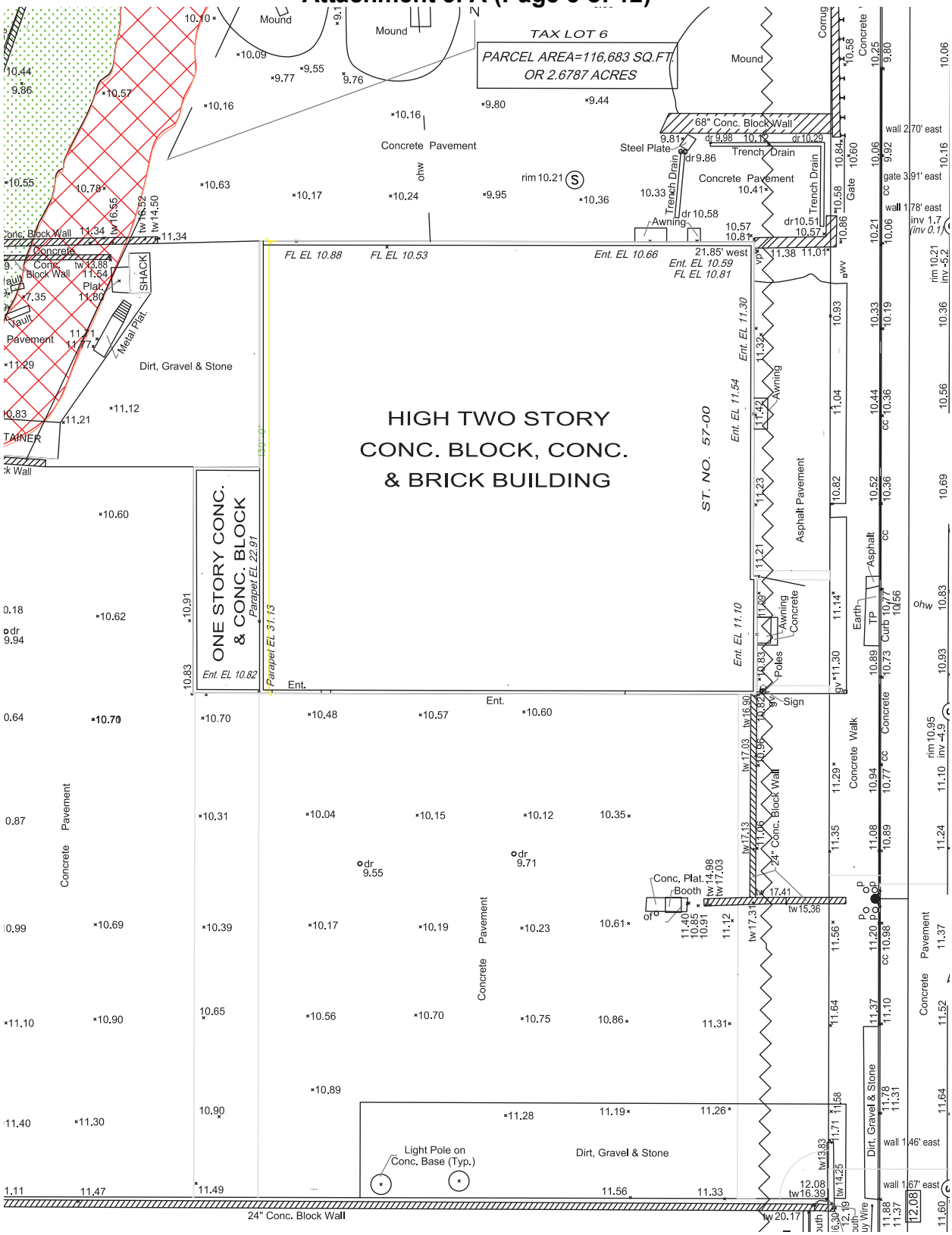

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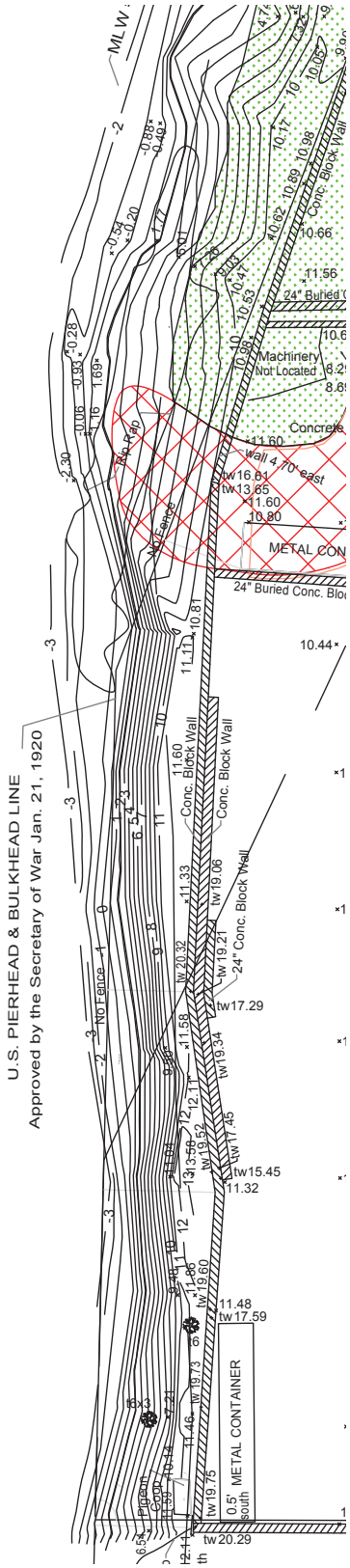
NEWTOWN



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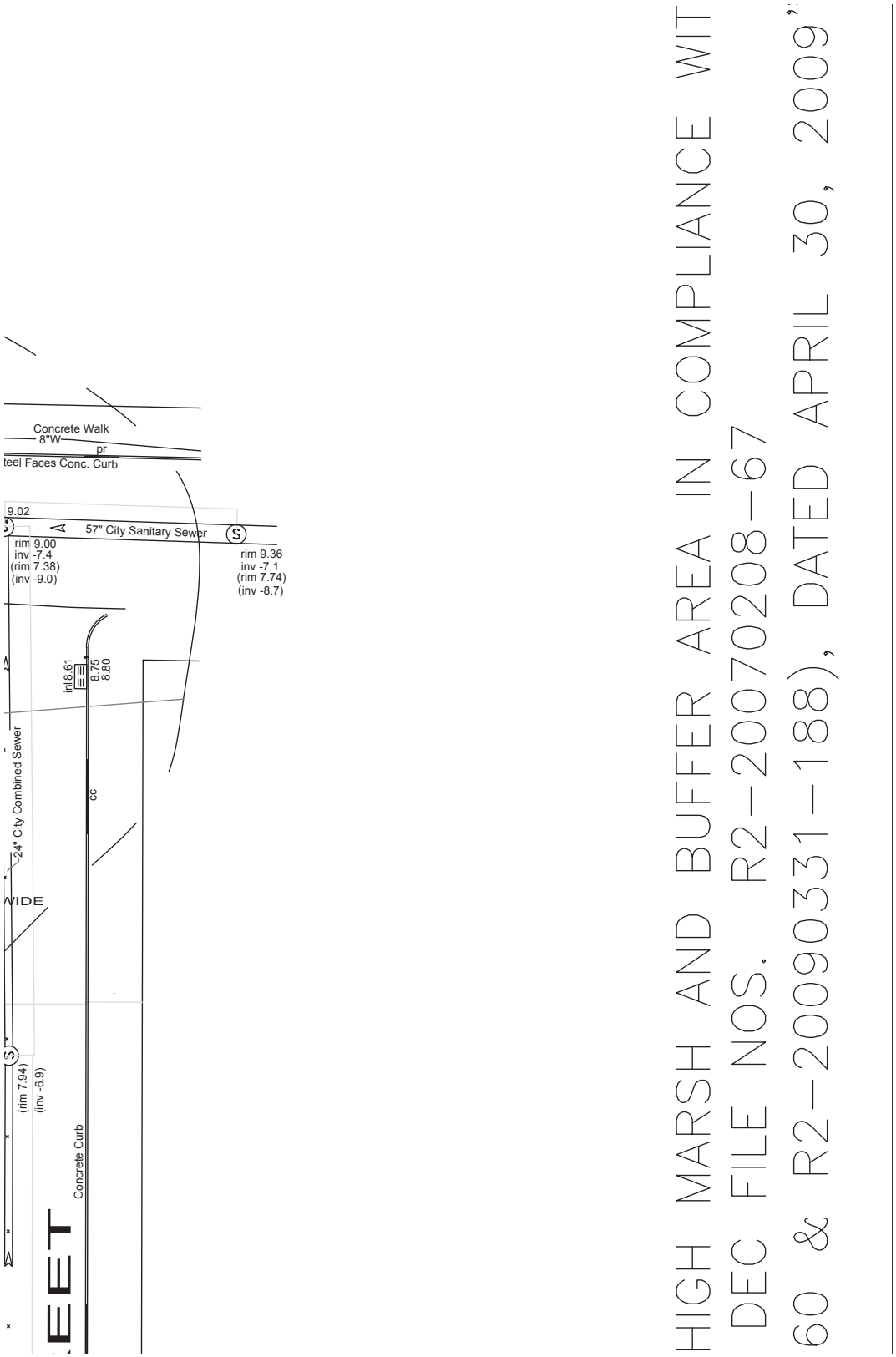

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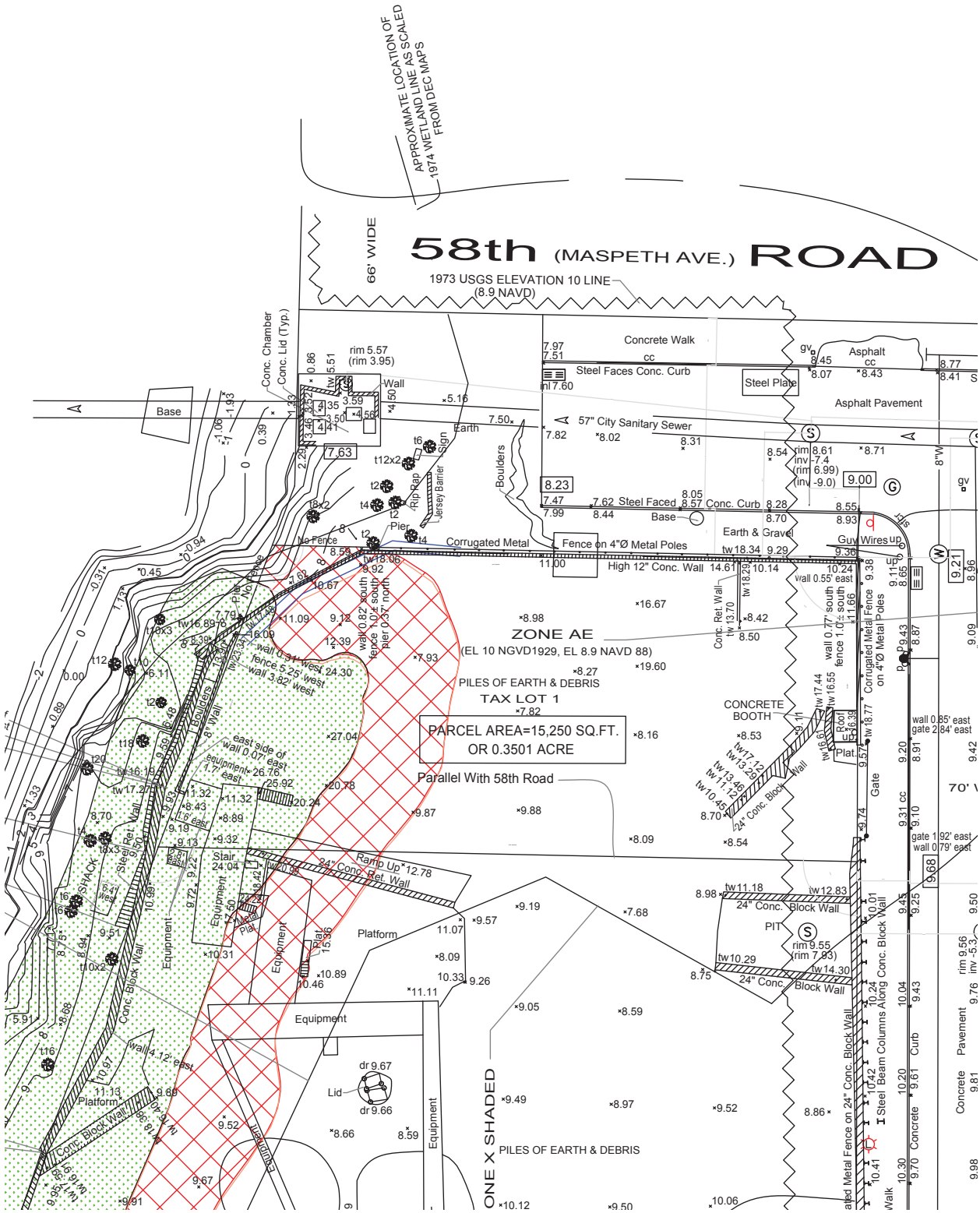

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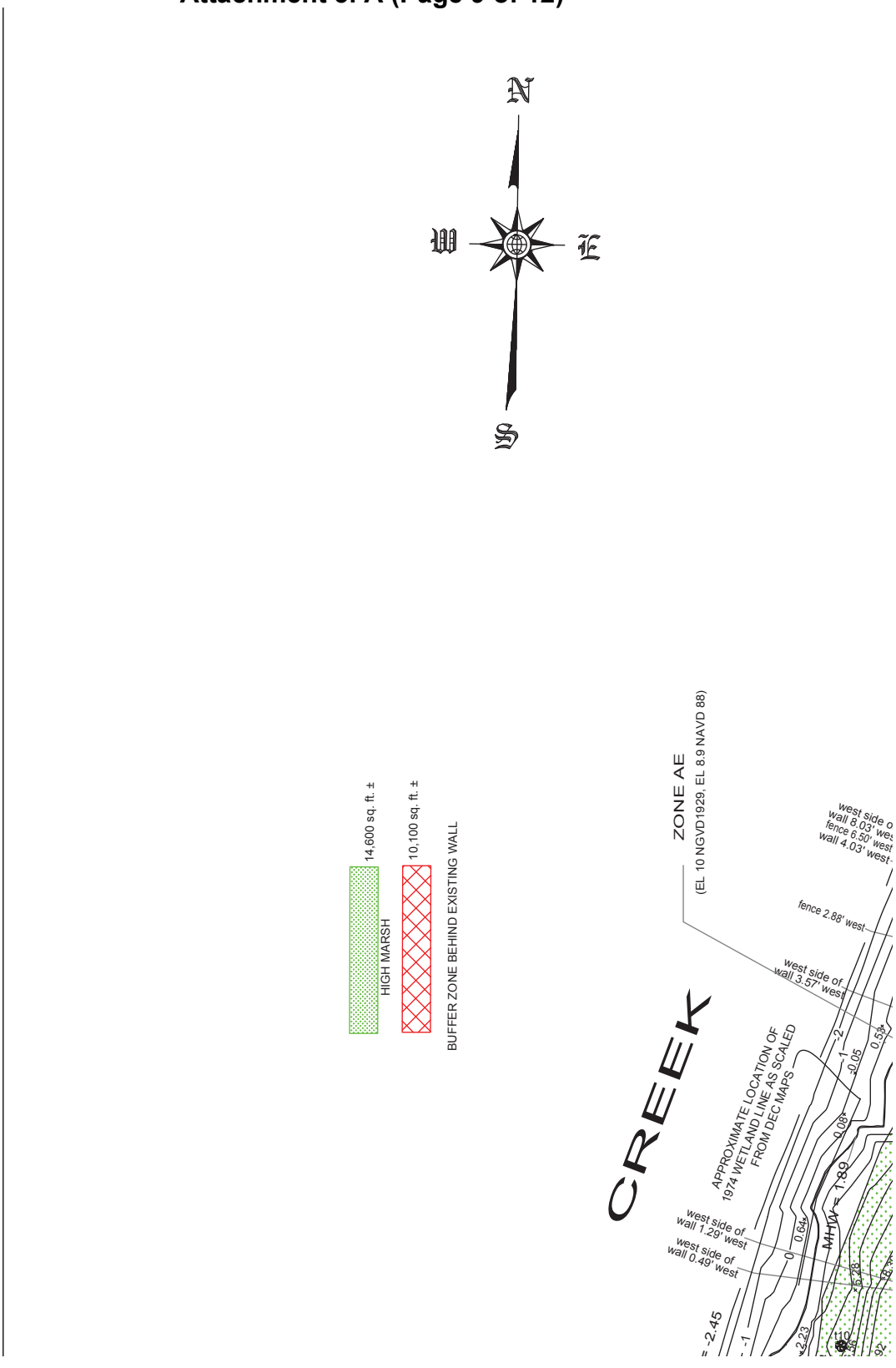

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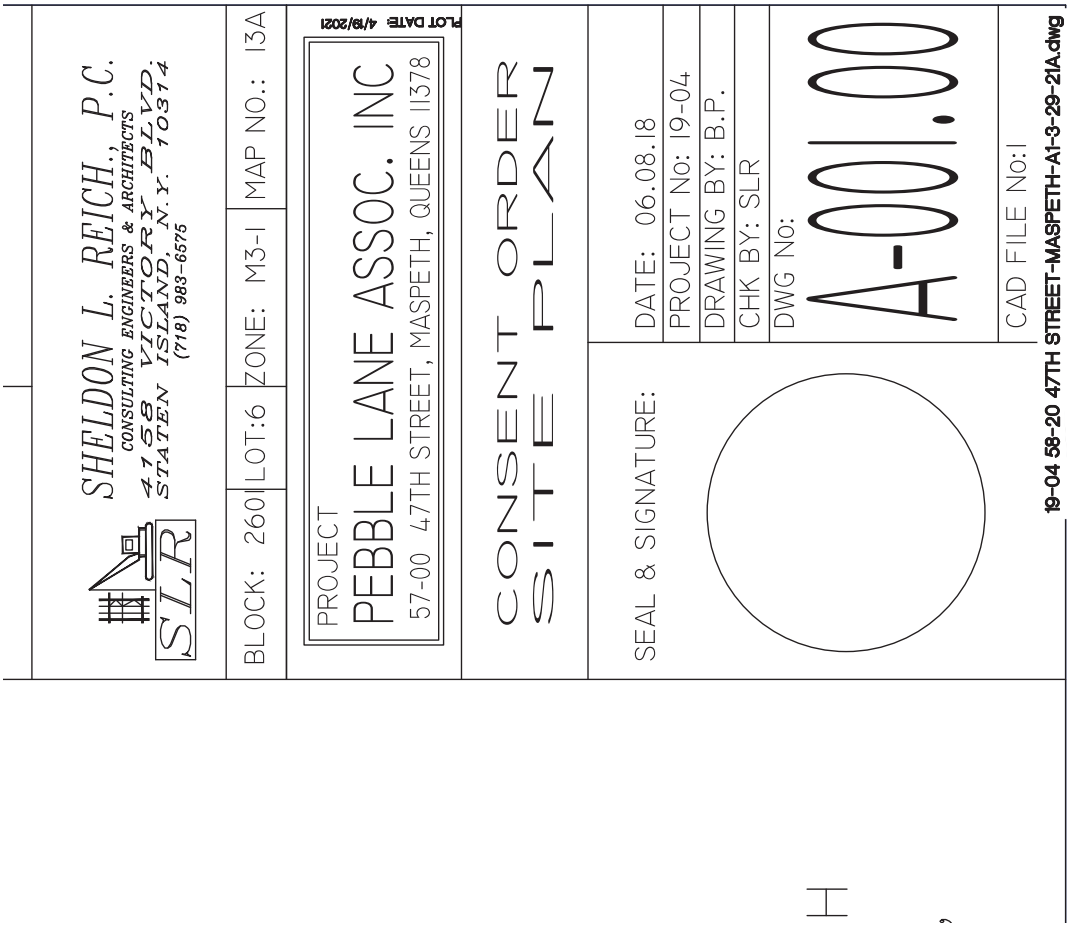

Attachment 3. A (Page 11 of 12)

NOTES:
IN THE HIGH MARSH AREA THE PLANTINGS WILL CONSIST OF A MIXTURE OF GRASSES AND SHRUBS.

THE SHRUBS WILL CONSIST OF IVA FRUTESCENS AND BACCHARIS HALIMIFOLIA, WHICH WILL BE AT LEAST 2.5 FT. (30 INCHES) TALL AT THE TIME OF PLANTING AND WILL BE PLANTED THREE FEET (3 FT,) ON CENTER.

GRASSES WILL INCLUDE EITHER DISTICHLIS SPICATA OR SPARTINA PATENS BUT MAY ALSO INCLUDE PANICUM VIRGATUM, SCIRPUS PUNGES AND JUNCUS GERARDI. THE GRASSES WILL BE PLANTED THREE FEET (3 FT,) ON CENTER AND WILL BE 2.67 FEET (TWENTY EIGHT INCHES) TALL AT THE TIME OF PLANTING.

IN THE BUFFER PLANTING AREA, AREA, LANDWARD OF THE HIGH MARSH AREA, A MIXTURE OF AT LEAST TWO (2) BUT POSSIBLY MORE OF THE FOLLOWING PLANT SPECIES WILL BE PLANTED AND WILL BE SHOWN ON THE PLAN(S): AMMOPHILA BREVILIGULATA, ADOPOGON VIRGINICUS, CARES PENSYLVANICA, PANICA VIRGATUM, SOLIZACLIXPHIM

58-20 47TH STREET MASPETH\New folder

Attachment 3. A (Page 12 of 12)

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58-20 47TH STREET MASPETH\New folder

Attachment 3. B

Attachment 3. B (Page 1 of 12)

GF

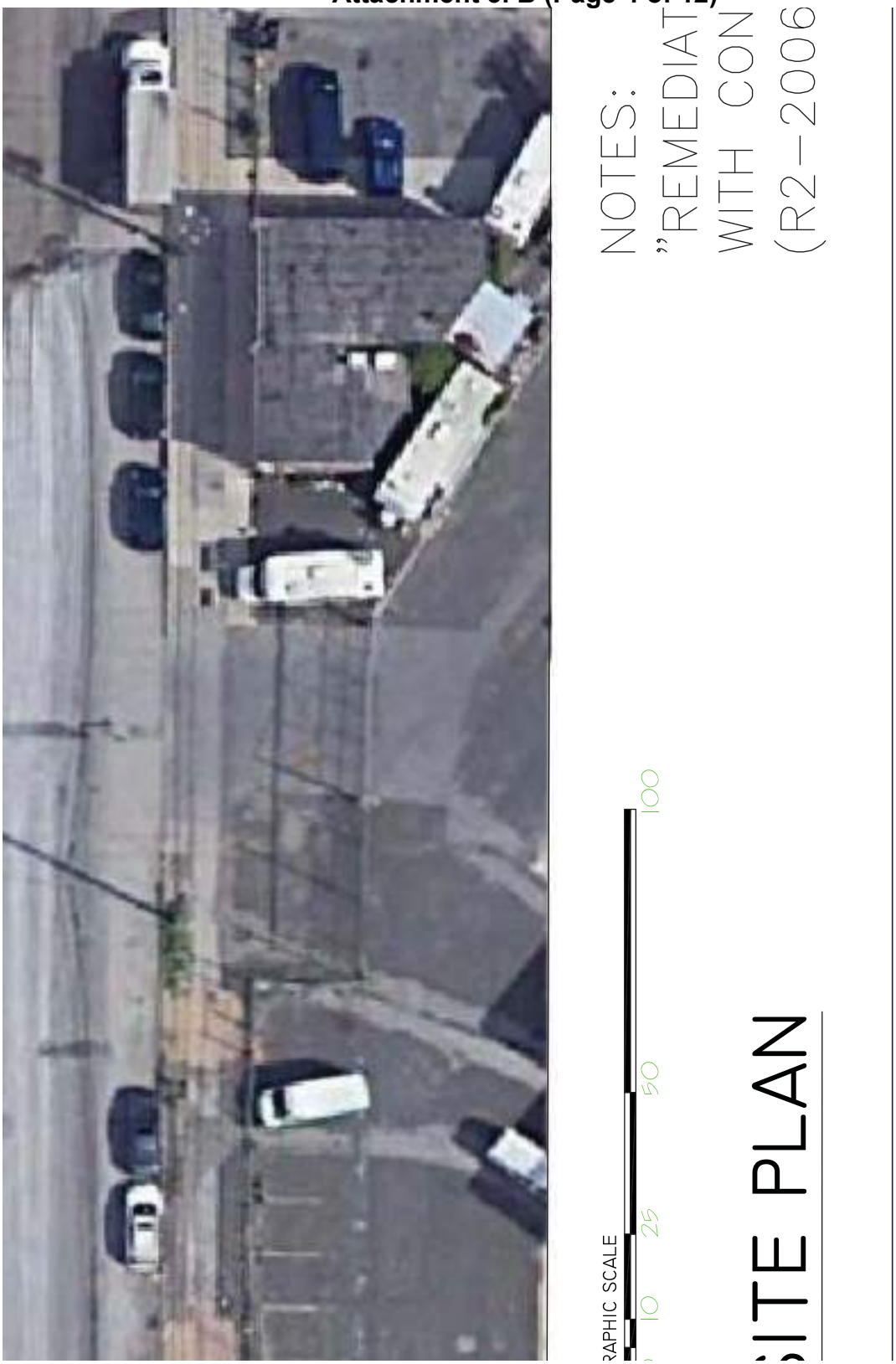
CONSENT ORDER S

SCALE: N.T.S.

Attachment 3. B (Page 2 of 12)

Attachment 3. B (Page 3 of 12)

Attachment 3. B (Page 4 of 12)



Attachment 3. B (Page 5 of 12)

Attachment 3. B (Page 6 of 12)

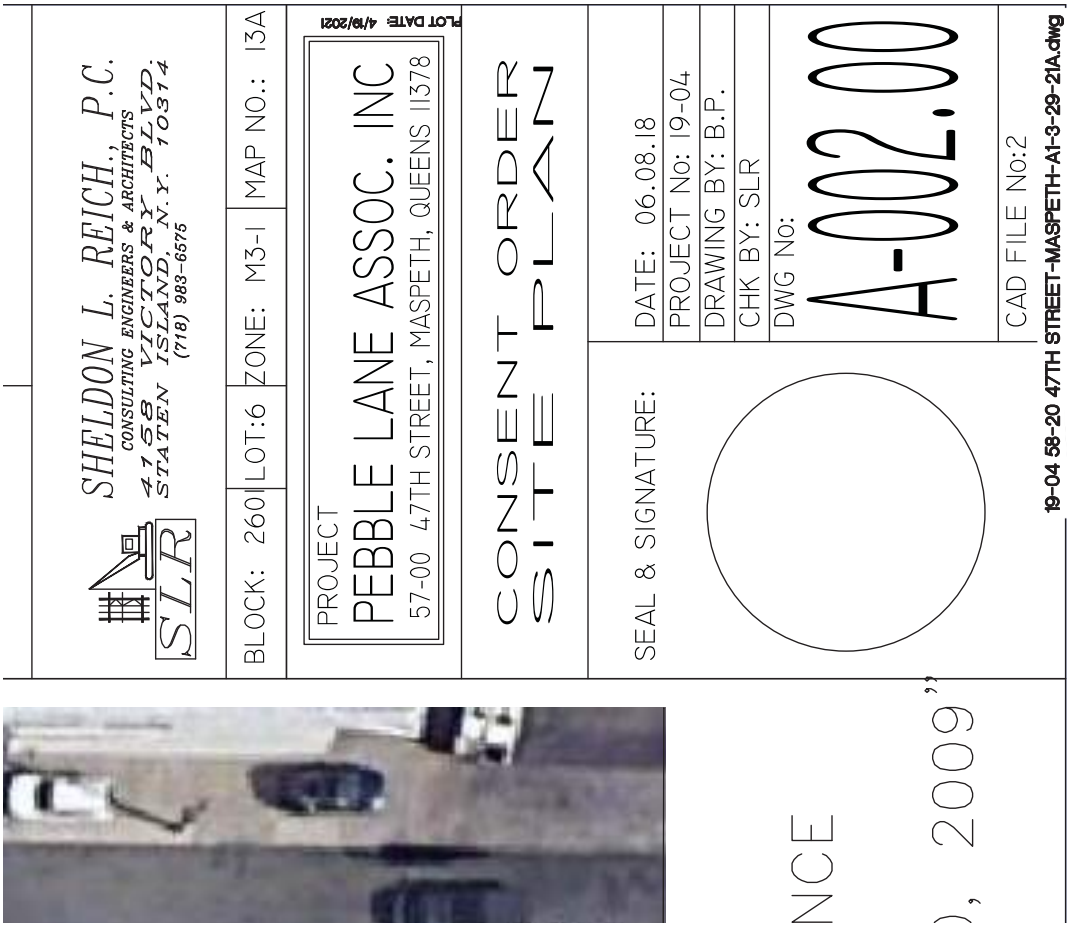
Attachment 3. B (Page 7 of 12)

ION IN HIGH MARSH AND BUFFER AREA IN COMPLIA
SENT ORDER, DEC FILE NOS. R2-20070208-67
1227-560 & R2-20090331-188), DATED APRIL 3C

Attachment 3. B (Page 8 of 12)

Attachment 3. B (Page 9 of 12)

Attachment 3. B (Page 10 of 12)



Attachment 3. B (Page 11 of 12)

SPECIES WILL BE PLANTED AND WILL BE SHOWN ON THE PLAN(S): AMMOPHILA BREVILIGULATA, ADOPOGON VIRGINICUS, CARES PENSYLVANICA, PANICA VIRGATUM, SCHIZACHYRIUM SCOPARIUM, OR SORGHASTRUM NULTANS.
THESE WILL BE PLANTED 3 FEET (3') ON CENTER AND WILL BE 2.67 FEET (28 INCHES) AT THE TIME OF PLANTING.

ALL PLANTINGS WILL BE ARRANGED IN A RANDOM AND NATURALISTIC ARRANGEMENT.

FILE LOCATION: I:\19-04

NO.	DATE	DESCRIPTION	BY:
2	04.19.21	DEC COMMENTS	B.P.
1	04.24.20	GENERAL CHANGES	B.P.

REVISIONS

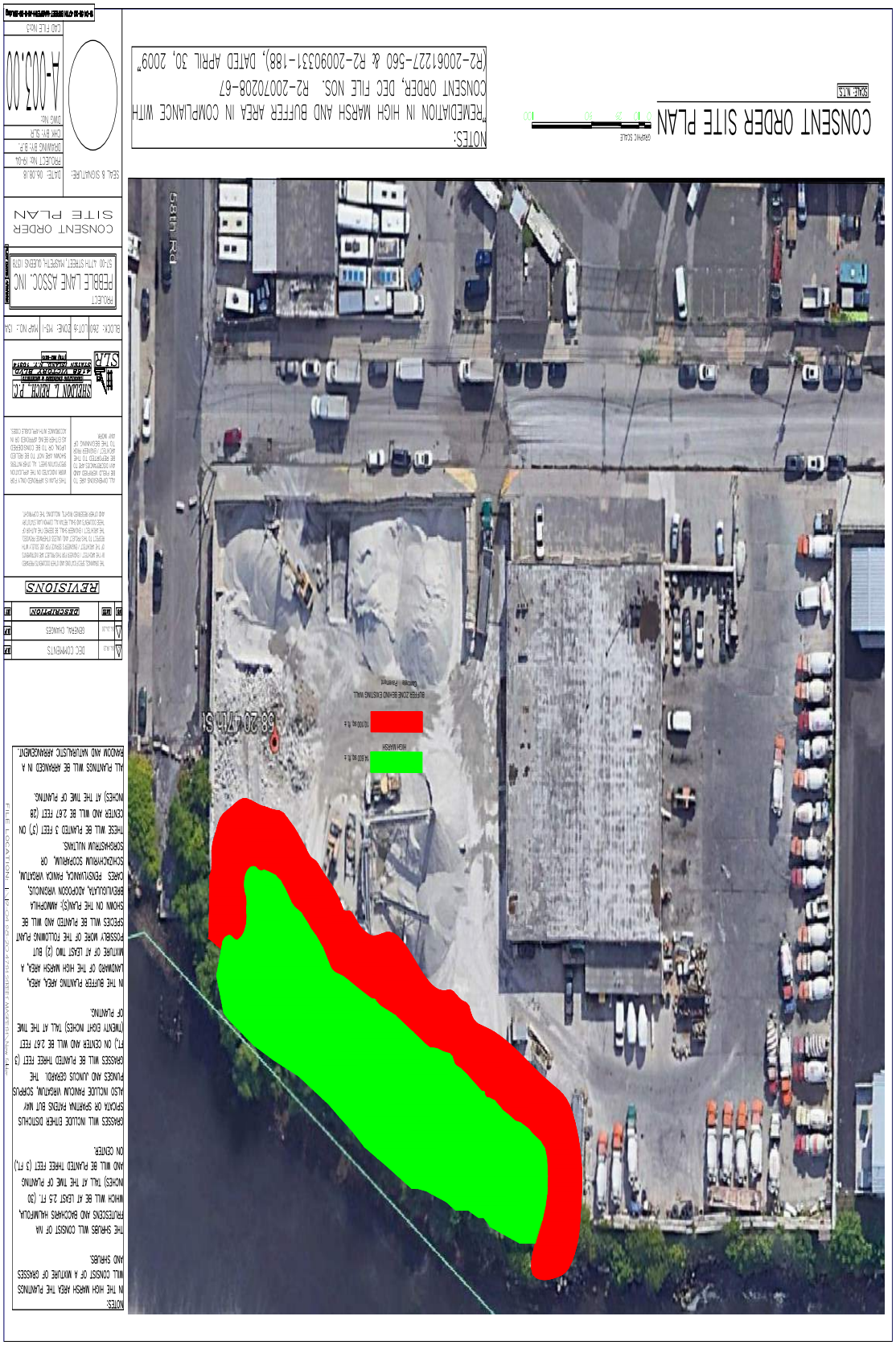
THE DRAWINGS, SPECIFICATIONS AND OTHER DOCUMENTS PREPARED BY THE ARCHITECT / ENGINEER FOR THIS PROJECT ARE INSTRUMENTS OF THE ARCHITECT / ENGINEER'S SERVICE FOR USE SOLELY WITH RESPECT TO THIS PROJECT AND, UNLESS OTHERWISE PROVIDED, THE ARCHITECT / ENGINEER SHALL BE DEEMED THE AUTHOR OF THESE DOCUMENTS AND SHALL RETAIN ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING THE COPYRIGHT.

ALL DIMENSIONS ARE TO BE FIELD VERIFIED AND ANY DISCREPANCIES ARE TO BE REPORTED TO THE ARCHITECT / ENGINEER PRIOR TO THE BEGINNING OF ANY WORK

THIS PLAN IS APPROVED ONLY FOR WORK INDICATED ON THE APPLICATION SPECIFICATION SHEET. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON, OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

Attachment 3. B (Page 12 of 12)

Attachment 3. C



Attachment 3. C (Page 1 of 12)

CONSENT ORDER C

SCALE: N.T.S.

Attachment 3. C (Page 2 of 12)

Attachment 3. C (Page 3 of 12)

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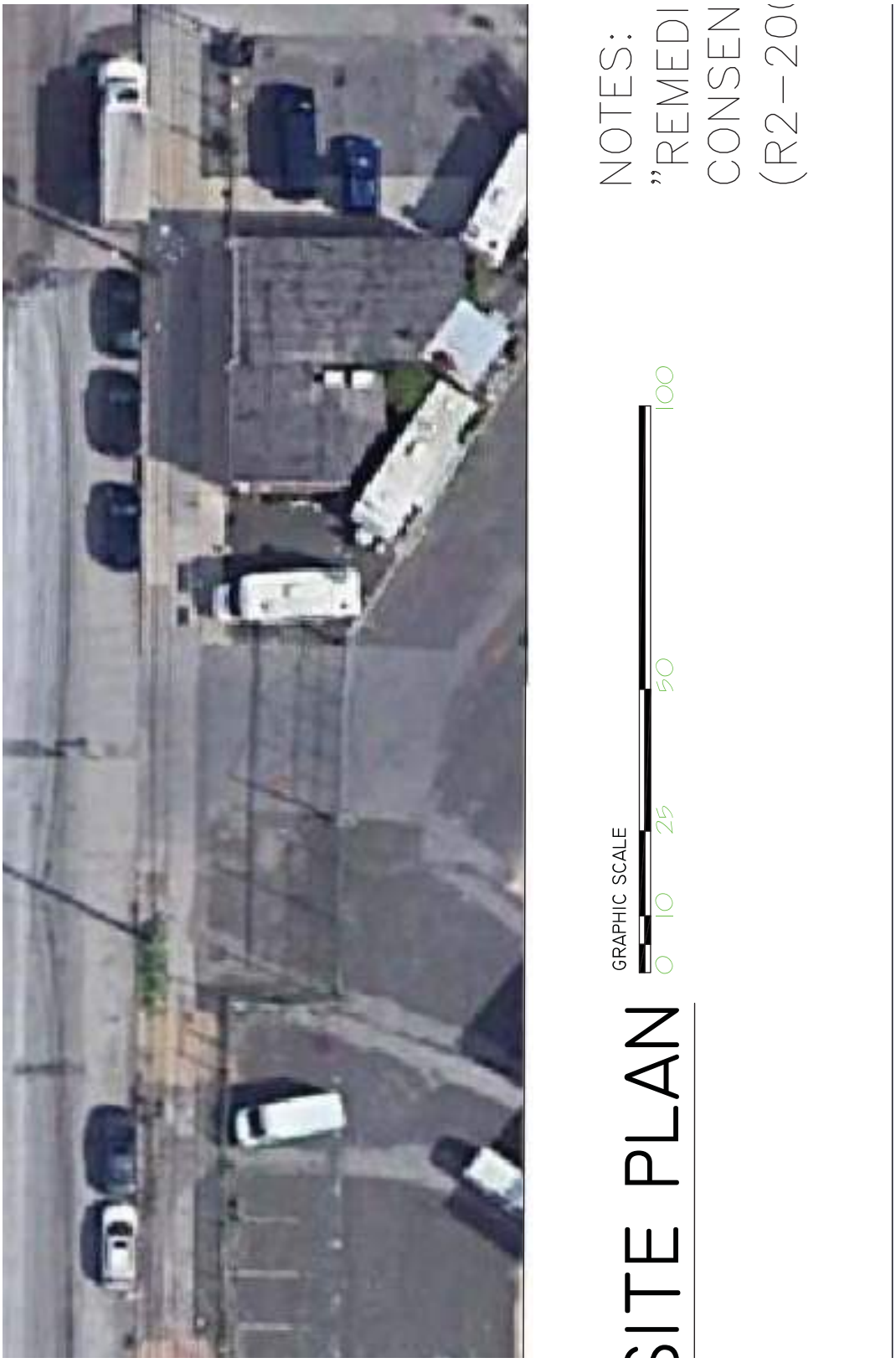


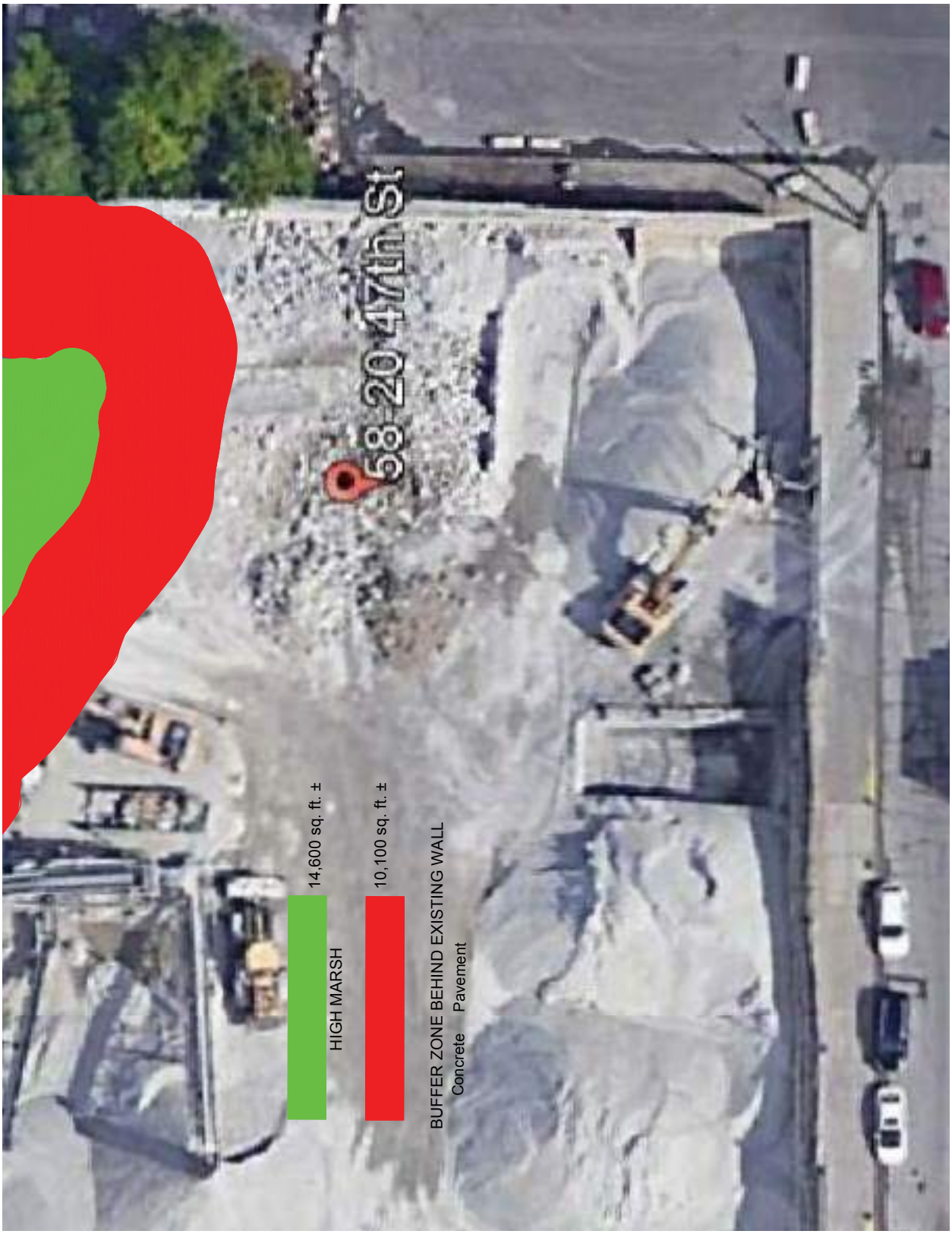
Attachment 3. C (Page 5 of 12)

Attachment 3. C (Page 6 of 12)

Attachment 3. C (Page 7 of 12)

ATION IN HIGH MARSH AND BUFFER AREA IN COMPLIANC
T ORDER, DEC FILE NOS. R2-20070208-67
061227-560 & R2-20090331-188), DATED APRIL 30,

Attachment 3. C (Page 8 of 12)



Attachment 3. C (Page 9 of 12)

Attachment 3. C (Page 10 of 12)

Attachment 3. C (Page 11 of 12)

SHOWN ON THE PLAN(S): AMMOPHILA BREVILIGULATA, ADOPOGON VIRGINICUS, CARES PENSYLVANICA, PANICA VIRGATUM, SCHIZACHYRIUM SCOPARIUM, OR SORGHASTRUM NULTANS.

THESE WILL BE PLANTED 3 FEET (3') ON CENTER AND WILL BE 2.67 FEET (28 INCHES) AT THE TIME OF PLANTING.

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FILE LOCATION: I:\19-04

NO.	DATE	DESCRIPTION	BY:
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1	04.24.20	GENERAL CHANGES	B.P.

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ALL DIMENSIONS ARE TO BE FIELD VERIFIED AND ANY DISCREPANCIES ARE TO BE REPORTED TO THE ARCHITECT / ENGINEER PRIOR TO THE BEGINNING OF ANY WORK

THIS PLAN IS APPROVED ONLY FOR WORK INDICATED ON THE APPLICATION SPECIFICATION SHEET. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON, OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

Attachment 3. C (Page 12 of 12)

NOTES:
IN THE HIGH MARSH AREA THE PLANTINGS WILL CONSIST OF A MIXTURE OF GRASSES AND SHRUBS.

THE SHRUBS WILL CONSIST OF IVA FRUTESCENS AND BACCHARIS HALIMIFOLIA, WHICH WILL BE AT LEAST 2.5 FT. (30 INCHES) TALL AT THE TIME OF PLANTING AND WILL BE PLANTED THREE FEET (3 FT,) ON CENTER.

GRASSES WILL INCLUDE EITHER DISTICHLIS SPICATA OR SPARTINA PATENS BUT MAY ALSO INCLUDE PANICUM VIRGATUM, SCIRPUS PUNGES AND JUNCUS GERARDI. THE GRASSES WILL BE PLANTED THREE FEET (3 FT,) ON CENTER AND WILL BE 2.67 FEET (TWENTY EIGHT INCHES) TALL AT THE TIME OF PLANTING.

IN THE BUFFER PLANTING AREA, AREA, LANDWARD OF THE HIGH MARSH AREA, A MIXTURE OF AT LEAST TWO (2) BUT POSSIBLY MORE OF THE FOLLOWING PLANT SPECIES WILL BE PLANTED AND WILL BE

58-20 47TH STREET MASPETH\New folder

Attachment 4. A (Declaration for Lot 1) Page 1 of 5

D E C L A R A T I O N

THIS DECLARATION is made by EL Family Property Owner LLC and SLMJL Family Property Owner LLC, whose address is 248-22 Brookville Boulevard, Rosedale, NY 11422, hereinafter jointly called the "Declarant."

W I T N E S S E T H :

WHEREAS the Declarant is the owner of certain real property located in Queens County, City and State of New York, Queens County Tax Map Block 1, Lot 1, which real property is described in the metes and bounds description annexed hereto as "Attachment A" and which real property is hereinafter referred to as the "Subject Property;" and

WHEREAS the Subject Property is within the jurisdiction of the New York State Department of Environmental Conservation ("NYSDEC" or "Department")) under the article 25 of the New York State Environmental Conservation Law (the Tidal Wetlands Act") because it contains regulated tidal wetland and/or regulated wetland adjacent area; and

WHEREAS, Declarant has entered into an order on consent with NYSDEC under NYSDEC File number R2-20210416-53 (the Consent attached hereto as "Attachment B"), which requires among other things the creation and protection of the regulated tidal wetland on the Subject Property, which includes an area mapped as high marsh on the official tidal wetland inventory as shown on maps #590-506 and #590-508, and a thirty foot (30') wide vegetated buffer around that high marsh area partially on the Subject Property; and

WHEREAS, Declarant represents and warrants that no restriction of record on the use of the Subject Property, nor any present or presently existing future estate or interest in the Subject Property nor any right, obligation, covenant, limitation, or encumbrance of any kind precludes, prohibits or potentially, the imposition of the restrictions, covenants, obligations, easements and agreements of this Declaration or the development of the Subject Property in accordance therewith.

NOW, THEREFORE, Declarant does hereby declare that the Subject Property shall only be held, sold, conveyed and occupied subject to the following restrictions, covenants, obligations, and agreements, which are for the purpose of maintaining and protecting the tidal wetland and area adjacent thereto for the benefit of the citizens of the State of New York generally and for the benefit specifically of the owners and/or occupants of property

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Attachment 4. A (Declaration for Lot 1) Page 2 of 5

identified as Queens County Tax Block 2601, Lot 1, which maintenance and protection is in mitigation of the impacts to such regulated wetland and adjacent area from unauthorized filling and the extended duration of unauthorized commercial activities on the Subject Property, which restrictions, covenants, obligations, and agreements shall run with such real property, binding every party having any right, title, or interest in the Subject Property or any part thereof and binding all heirs, executors, administrators, successors, and assigns.

1. Declarant hereby covenants and agrees to develop and maintain in perpetuity as high marsh and vegetated buffer area the portion of the Subject Property depicted as such on, and in accordance with, the site plan identified as "Order Site Plan" Drawing A-001.00 – A-003.00, prepared by [illegible] Consulting Engineers & Architects, dated 06.08.18, and last revised 0[illegible]21, a copy of which is appended hereto as Attachment [illegible].

2. Declarant hereby covenants and agrees to further restrict and prohibit any person or party from performing, ordering, agreeing, any activity, change in grade, or change in vegetation [illegible] said high marsh and vegetated buffer area other than required pursuant to [illegible] Order. Declarant further covenants and agrees to restrict and prohibit any person or party from performing, any regulated activity, as defined in Part 661 of Chapter Six of the Official Compilation of Rules and Regulations of the State of New York (and any successor regulation) on or within such high marsh and vegetated buffer area.

3. Declarant, its successors and assigns and future grantees of all or a portion of any interest in the Subject Property shall set forth these covenants, restrictions and declarations in any and all transfer documents and leases of the property and shall by the terms of such lease subject the transferee or lessee to the covenants and restrictions contained herein. Failure by Declarant, its successors or assigns to so comply with such transfers or leases shall not invalidate the automatic subjugation of the transferee or lessee to these covenants, restrictions and declarations.

4. Declarant shall include a copy of this Declaration, executed and affixed with the file stamp and seal of the Clerk of the City of New York, County of Queens, as part of any application pertinent to the Subject Property submitted to the Department of Buildings of the City of New York, or to any agency succeeding to said department's jurisdiction.

5. If any section, subsection, paragraph, clause, phrase, or provision of these covenants, restrictions, and agreements shall, by a court of competent jurisdiction, be adjudged illegal, unlawful, or invalid, or held to be unconstitutional, the same judgment shall not affect the validity of this Declaration as a whole or any other part or provision hereof other than the parts so adjudged.

Attachment 4. A (Declaration for Lot 1) Page 3 of 5

6. The provisions herein contained shall be enforceable by the Attorney General of the State of New York, by the Commissioner of the Department, or by such agencies or regulatory authorities having jurisdiction over the Subject Property, and/or over the Declarant, its successors, and/or occupants of the Subject Property currently identified as Queens County Tax Block 2601, Lot 1. The failure of any such party individually or collectively to enforce any of the covenants, restrictions, and/or agreements contained herein shall in no event be deemed a waiver of the right to do so thereafter.

7. Any violation of these restrictions, covenants and agreements shall cause the violator, in addition to any fines, penalties, and/or forfeitures prescribed by law, to pay for any and all reasonable legal fees and expenses incurred by any party in enforcing the covenants, restrictions, and agreements herein.

8. If the Declarant, its successors, and/or assigns at the time of any interest in the Subject Property shall fail to comply with the obligations hereunder within five (5) days after receipt of a notice from any party entitled to enforce this Declaration, stating the obligation not complied with, and stating that the obligation cannot be complied with within such five-day period but compliance has been commenced and is being diligently pursued, said five-day period shall be extended for such time as may be reasonably necessary to effectuate compliance], the party or parties entitled to enforce this Declaration may cure such non-compliance and may come upon the Subject Property with such workers and materials as may be reasonably required for effectuating such compliance any time after five (5) days following the giving of such notice by Declarant, its successors, and/or assigns, or future owners-in-interest. The owner, owners, lessees, occupants, or other parties-in-interest of the Subject Property shall pay to the party enforcing and effectuating such compliance with this Declaration all reasonable costs incurred in effectuating compliance, including court costs, legal fees, disbursements, and paralegal charges. The remedy set forth above shall not be exclusive and parties seeking to enforce such Declaration shall have all rights and remedies at law or in equity to do so. In the event any party or parties having the right to enforce such Declaration shall bring any action at law or in equity for enforcement, and such enforcement is granted, the party against whom such enforcement is sought shall pay all legal fees, court costs, and other expenses of the party or parties seeking to enforce such Declaration, and if not paid the same shall become a lien against the Subject Property.

9. Each of the covenants, restrictions, and agreements contained in this Declaration shall run with the land in perpetuity, binding the Declarant and its successors and/or assigns, and each shall be so construed.

10. Declarant recognizes that the Department is an interested party to this Declaration

Attachment 4. A (Declaration for Lot 1) Page 4 of 5

and consents to the enforcement by the DEC of the covenants, restrictions, and agreements contained in such Declaration by whatever means are appropriate.

11. This Declaration may be amended, modified, or canceled only with the express written approval and consent of the Commissioner of the Department, or the head of the agency succeeding to its jurisdiction. No other approval or consent shall be required or accepted from any public body, private person, or legal entity of any kind.

12. Declarant hereby covenants and agrees that it shall immedia[illegible] record this Declaration after execution by Declarant in the [illegible] Cler[illegible] of New York, Queens County, and Declarant shall ensu[illegible] at s[illegible] Decla[illegible] dexed against the Subject Property. Declarant further cov[illegible] nts [illegible] gree[illegible] e a copy of this Declaration as stamped, recorde[illegible] ed, [illegible] s a [illegible] f such Declaration by the Cit[illegible] ounty, to the Regional Permit Administrator for Region 2 ([illegible] Yo[illegible] tment. The Department shall also have the r[illegible] and record th[illegible] with the Clerk of the City of New York, Que[illegible]

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ne[illegible] _____
(insert name of landowner)

State of New York
County of [illegible]

On the [illegible] da[illegible] _____, 2021, before me personally ca[illegible] _____, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and who being duly sworn, deposed and stated that (s)he is the _____ of EL FAMILY PROPERTY OWNER, LLC, the company described in and which executed the foregoing instrument, and that (s)he was authorized by said company to execute the foregoing instrument.

_____
Notary Public

Attachment 4. A (Declaration for Lot 1) Page 5 of 5

State of New York)
County of) ss.:

On this _____ day of _____, 2021, before me personally came _____, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument, who being duly sworn, deposed and attested that (s)he is _____ of SLMJL FAMILY [illegible] company described in and which executed the foregoing instrument, and that (s)he was authorized by said company to execute the foregoing instrument.

_____
Notary Public

DRAFT

_ _

NOTE: [illegible] OWING TEXT IN THE FINAL DRAFT. ADD THE ATTACHMENTS INSTEAD

[Attachment to this declaration is a metes-and-bounds description of Queens County Tax Map 2601 Lot 1]

[Attachment to this declaration is a copy of the 2021 Order on Consent]

[Attachment C to this declaration is the plan identified as "Consent Order Site Plan" Drawing A-0.00 – A-003.00, prepared by Sheldon L. Reich, P.C., Consulting Engineers & Architects, dated 06.08.18, and last revised 04.19.21. You can use the 39 pages of Attachment 3.A – 3.C from the consent order]

Attachment 4. B (Declaration for Lot 6) Page 1 of 6

D E C L A R A T I O N

THIS DECLARATION is made by RL Family Property Owner LLC, EL Family Property Owner LLC, and SLMJL Family Property Owner LLC (hereinafter collectively referred to as the "Declarant"), whose address is 248-22 Brookville Boulevard, Rosedale, NY 11422,

W I T N E S S E T H

WHEREAS the Declarant is the owner of certain real property located in the County, City and State of New York, Queens County, Tax Block 16, Lot 6, which real property is described in the metes and bounds description annexed hereto as "Attachment A" and which real property is hereinafter referred to as the "Subject Property;" and

WHEREAS the Subject Property is within the jurisdiction of the New York State Department of Environmental Conservation ("NYSDEC" or "Department")) under the article 25 of the New York State Environmental Conservation Law ("the Tidal Wetlands Act") because it contains regulated tidal wetland and regulated wetland adjacent area; and

WHEREAS, Declarant has entered into an agreement on consent with NYSDEC under NYSDEC File number R2-20210416-53 (the "Consent" attached hereto as "Attachment B"), which requires among other things the creation and protection of the regulated tidal wetland on the Subject Property, which includes an area mapped as high marsh on the official tidal wetlands inventory as shown on maps #590-506 and #590-508, and a thirty foot (30') wide vegetated buffer around that high marsh area partially on the Subject Property; and

WHEREAS, Declarant represents and warrants that no restriction of record on the use of the Subject Property, nor any present or presently existing future estate or interest in the Subject Property nor any right, obligation, covenant, limitation, or encumbrance of any kind precludes, prohibits or potentially, the imposition of the restrictions, covenants, obligations, easements and agreements of this Declaration or the development of the Subject Property in accordance therewith.

NOW, THEREFORE, Declarant does hereby declare that the Subject Property shall only be held, sold, conveyed and occupied subject to the following restrictions, covenants, obligations, and agreements, which are for the purpose of maintaining and protecting the tidal wetland and area adjacent thereto for the benefit of the citizens of the State of New York generally and for the benefit specifically of the owners and/or occupants of property

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Attachment 4. B (Declaration for Lot 6) Page 2 of 6

identified as Queens County Tax Block 2601, Lot 6, which maintenance and protection is in mitigation of the impacts to such regulated wetland and adjacent area from unauthorized filling and the extended duration of unauthorized commercial activities on the Subject Property, which restrictions, covenants, obligations, and agreements shall run with such real property, binding every party having any right, title, or interest in the Subject Property or any part thereof and binding all heirs, executors, administrators, successors, and assigns.

1. Declarant hereby covenants and agrees to develop and m[illegible]in in perpetuity as high marsh and vegetated buffer area the portion of the Sub[illegible]roperty depicted as such on, and in accordance with, th[illegible] site[illegible]ider[illegible]Consent Order Site Plan" Drawing A-001.00 – A-003.00, [illegible]pare[illegible]She[illegible]ch, P.C., Consulting Engineers & Architects, dated 06[illegible]18, [illegible]st re[illegible] 04.19.21, a reduced copy of which is appen[illegible]ere[illegible]ment

2. Declarant hereby covenants and a[illegible]rees to [illegible]er re[illegible]prohibit any person or party from performi[illegible]rderi[illegible]g, agri[illegible]y, change in grade, or change in vegetati[illegible]said h[illegible]m[illegible]tated buffer area other than required pursua[illegible]mplia[illegible]er. Declarant further covenants and agrees to rei[illegible]d to [illegible] person or party from performing, any [illegible]d a[illegible]ity, as [illegible]Par[illegible]661 of Chapter Six of the Official Compilatio[illegible]Rule[illegible]d Reg[illegible]of the State of New York (and any successor regu[illegible]or [illegible]hin such hi[illegible]marsh and vegetated buffer area.

3. Declarant, its su[illegible]s ar[illegible]s al[illegible]ure grantees of all or a portion of any i[illegible]the [illegible]ct P[illegible]l set fo[illegible]n these covenants, restrictions and de[illegible]y and all transfe[illegible]eases of the property and shall by the terms of such leas[illegible]ject t[illegible]nsferee or lessee to the covenants and restrictions co[illegible]here[illegible]e fa[illegible]e Declarant, its successors or assigns to so c[illegible]sfers[illegible]ases[illegible]ot invalidate the automatic subjugation of the tran[illegible]sse[illegible]ese covenants, restrictions and declarations.

4. D[illegible]rant[illegible]inc[illegible]t copy of this Declaration, executed and affixed with the file [illegible]p a[illegible]of th[illegible]Clerk of the City of New York, County of Queens, as part of any [illegible]plicati[illegible]pertinent to the Subject Property submitted to the Department of Buildings[illegible]he City of New York, or to any agency succeeding to said department's jurisdiction.

5. If any section, subsection, paragraph, clause, phrase, or provision of these covenants, restrictions, and agreements shall, by a court of competent jurisdiction, be adjudged illegal, unlawful, or invalid, or held to be unconstitutional, the same judgment shall not affect the validity of this Declaration as a whole or any other part or provision hereof other than the parts so adjudged.

Attachment 4. B (Declaration for Lot 6) Page 3 of 6

6. The provisions herein contained shall be enforceable by the Attorney General of the State of New York, by the Commissioner of the Department, or by such agencies or regulatory authorities having jurisdiction over the Subject Property, and/or over the Declarant, its successors, and/or occupants of the Subject Property currently identified as Queens County Tax Block 2601, Lot 6. The failure of any such party individually or collectively to enforce any of the covenants, restrictions, and/or agreements contained herein shall in no event be deemed a waiver of the right to do so thereafter.

7. Any violation of these restrictions, covenants and agreements shall cause the violator, in addition to any fines, penalties, and/or forfeitures prescribed by law, to pay for any and all reasonable legal fees and expenses incurred by any party in enforcing the covenants, restrictions, and agreements herein.

8. If the Declarant, its successors, and/or assigns at the time of any interest in the Subject Property shall fail to comply with the obligations hereunder within five (5) days after receipt of a notice from any party entitled to enforce this Declaration, stating the obligation not complied with, and stating that the obligation cannot be complied with within such five-day period but compliance has been commenced and is being diligently pursued, said five-day period shall be extended for such additional time as reasonably necessary to effectuate compliance], the party or parties entitled to enforce this Declaration may cure such non-compliance and may come upon the Subject Property with such workers and materials as may be reasonably required for effectuating such compliance any time after five (5) days following the mailing of such notice by Declarant, its successors, and/or assigns, or future owners-in-interest. The owner, owners, lessees, occupants, or other parties-in-interest of the Subject Property shall pay to the party enforcing and effectuating such compliance with this Declaration all reasonable costs incurred in effectuating compliance, including court costs, legal fees, disbursements, and title search charges. The remedy set forth above shall not be exclusive of any other parties seeking to enforce such Declaration shall have all rights at law or equity to do so. In the event any party or parties having the right to enforce such Declaration shall bring any action at law or in equity for enforcement, and such enforcement is granted, the party against whom such enforcement is sought shall pay all legal fees, court costs, and other expenses of the party or parties seeking to enforce such Declaration, and if not paid the same shall become a lien against the Subject Property.

9. Each of the covenants, restrictions, and agreements contained in this Declaration shall run with the land in perpetuity, binding the Declarant and its successors and/or assigns, and each shall be so construed.

10. Declarant recognizes that the Department is an interested party to this Declaration

Attachment 4. B (Declaration for Lot 6) Page 4 of 6

and consents to the enforcement by the DEC of the covenants, restrictions, and agreements contained in such Declaration by whatever means are appropriate.

11. This Declaration may be amended, modified, or canceled only with the express written approval and consent of the Commissioner of the Department, or the head of the agency succeeding to its jurisdiction. No other approval or consent shall be required or accepted from any public body, private person, or legal entity of any kind.

12. Declarant hereby covenants and agrees that it shall immedia[illegible] record this Declaration after execution by Declarant in the [illegible] Cler[illegible]y of New York, Queens County, and Declarant shall ensu[illegible]at s[illegible]ecla[illegible]dexed against the Subject Property. Declarant further co[illegible]ants [illegible]gre[illegible]e a copy of this Declaration as stamped, recorde[illegible]d, [illegible]s a [illegible]f such Declaration by the Clerk of the Cit[illegible]ounty, to the Regional Permit Administrator for Region 2 ([illegible]Yo[illegible]tment. The Department shall also have the [illegible]and record th[illegible]with the Clerk of the City of New York, Que[illegible]

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[illegible]ign[illegible] _____
(ins[illegible]of landowner)

State of New York
County of

On thi[illegible] of _____, 2021, before me personally came _____, personally known to me or proved to me [illegible]e b[illegible]fact[illegible]dence to be the individual whose name is subscribed to the wi[illegible]inst[illegible]who [illegible]duly sworn, deposed and stated that (s)he is the _____ of **RL FAMILY PROPERTY OWNER, LLC**, the company described in and [illegible]ich executed the foregoing instrument, and that (s)he was authorized by said c[illegible]mpany to execute the foregoing instrument.

_____
Notary Public

Attachment 4. B (Declaration for Lot 6) Page 5 of 6

State of New York)
County of) ss.:

On this _____ day of _____, 2021, before me personally came _____, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument, who being duly sworn, deposed and stated that (s)he is the _____ of **EL FAMILY PROPERTY OWNER, LLC**, the company described in and which executed the foregoing instrument, and that (s)he was authorized by said company to execute the foregoing instrument.

_____
Notary Public

State of New York)
County of) ss.:

On this _____ day of _____, 2021, before me personally came _____, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument, who being duly sworn, deposed and stated that (s)he is the _____ of **SLMJL FAMILY PROPERTY OWNER, LLC**, the company described in and which executed the foregoing instrument, and that (s)he was authorized by said company to execute the foregoing instrument.

_____
Notary Public

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Attachment 4. B (Declaration for Lot 6) Page 6 of 6

NOTE: OMIT THE FOLLOWING TEXT IN THE FINAL DRAFT. ADD THE ATTACHMENTS INSTEAD

[Attachment A to this Declaration is a metes-and-bounds description of Queens County Tax Block 2601 Lot 6.]

[Attachment B to this Declaration is a copy of the 2021 Order on Consent]

[Attachment C to this Declaration is the plan identified as "Consent Order Site Plan" Drawing A-001.00 – A-003.00, prepared by Sheldon L. Reiss, P.C., Consulting Engineers & Architects, dated 06.08.18, and last revised [illegible]21. [illegible]e the 39 pages of Attachment 3.A – 3.C from the consent order.]

DRAFT

APPENDIX: OFFSET INFORMATION FORM

This form should be signed by any Respondent requesting a penalty payment schedule in an Order

** FORM TO BE DESTROYED AFTER PAYMENT IS MADE **

NYS Department of Environmental Conservation
Tax Information Form and Statewide Offset Program Notice

In reference to the debt to the State of New York
• memorialized in document number R2-20210416-53
• signed by Respondent _____

State agencies may refer past-due accounts to a private collection agency or the New York State Attorney General's Office. Further, Section 171-f of 'the State Tax Law authorizes State agencies to certify a past-due legally enforceable debt to the New York State Department of Taxation and Finance, for collection by offset of tax overpayments or other payments due from the State. In addition, State agencies are authorized to charge a collection fee, up to 22 percent of the outstanding debt; on accounts that are more than 90 days past due.

This form serves to notify you that the above referenced debt may be certified to the Department of Taxation and Finance for offset if not timely paid. The Department of Taxation and Finance is authorized, by law to collect your past-due debt through the offset of certain State and tax Refunds and other State payments.

You have the right to present written evidence, or to appear at a conference with a representative of this agency to present oral or written evidence in support of a defense to this certification. However, you may not challenge the underlying debt at that time, nor reargue any issue which was, or could have been previously heard.

Defenses that would be acceptable include (1) the debt has been paid, (2) you are not the person identified as the debtor in this notice, (3) the total amount owed is incorrect, (4) a deferred payment agreement is in effect and payments have been paid as agreed, (5) the debt has been discharged in bankruptcy, or (6) the debt is currently in bankruptcy.
Tax Identification Number
Social Security Number __. ____ -- ____ --_____
Employer Identification Number ____ --_____ _

One copy to be retained by New York State Department of Environmental Conservation.
One copy to be retained by the above referenced Respondent.

CONSENT BY RESPONDENT EMILIO LAMANNA

Respondent EMILIO LAMANNA hereby consents to the issuance and entry of this Order without further notice, waives his/her/their right to a hearing in this matter, and agrees to be bound by the terms, conditions and provisions of this Order.

SIGNATURE

4/28/21
DATE (PRINT)

INDIVIDUAL ACKNOWLEDGMENT

DAVID O'NEILL
Notary Public, State of New York
No. 01ON6202621
Qualified in Nassau County
Commission Expires March 23, ~~2021~~ 2025

State of New York:
County of NASSAU) ss.:

On the 28 day of APRIL in the year 2021, before me, the undersigned, personally appeared EMILIO LAMANNA, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her capacity, and that by his/her/their signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

DAVID O'NEILL
Notary Public

CONSENT BY RESPONDENT MARY JEAN LAMANNA

Respondent MARY JEAN LAMANNA hereby consents to the issuance and entry of this Order without further notice, waives his/her/their right to a hearing in this matter, and agrees to be bound by the terms, conditions and provisions of this Order.

Mary Jean Lamanna
SIGNATURE

4|28|21
DATE (PRINT)

INDIVIDUAL ACKNOWLEDGMENT

DAVID O'NEILL
Notary Public, State of New York
No. 01ON6202621
Qualified in Nassau County
Commission Expires March 23, 2025

State of New York:
County of NASSAU) ss.:

On the 28 day of APRIL in the year 2021, before me, the undersigned, personally appeared MARY JEAN LAMANNA, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her capacity, and that by his/her/their signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

ROSSANA BORTONE (RB)

CONSENT BY RESPONDENT ~~ROSANNA BARTONE~~

ROSSANA BORTONE (RB)

Respondent ~~ROSANNA BARTONE~~ hereby consents to the issuance and entry of this Order without further notice, waives his/her/their right to a hearing in this matter, and agrees to be bound by the terms, conditions and provisions of this Order.

Rossana Bartone
SIGNATURE

04.28.21
DATE (PRINT)

INDIVIDUAL ACKNOWLEDGMENT

State of New York:
County of NASSAU) ss.:

DAVID O'NEILL
Notary Public, State of New York
No. 01ON6202621
Qualified in Nassau County
Commission Expires March 23, ~~2021~~ 2025

On the 28TH day of APRIL in the year 2021, before me, the undersigned, personally appeared ROSSANA BORTONE, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her capacity, and that by his/her/their signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

CONSENT BY RESPONDENT SABATINO LAMANNA

Respondent SABATINO LAMANNA hereby consents to the issuance and entry of this Order without further notice, waives his/her/their right to a hearing in this matter, and agrees to be bound by the terms, conditions and provisions of this Order.

SIGNATURE

4/28/21
DATE (PRINT)

INDIVIDUAL ACKNOWLEDGMENT

DAVID O'NEILL
Notary Public, State of New York
No. 01ON6202621
Qualified in Nassau County
Commission Expires March 23, ~~2021~~ 2025

State of New York:
County of NASSAU) ss.:

On the 28 day of APRIL in the year 2021, before me, the undersigned, personally appeared SABATINO LAMANNA, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her capacity, and that by his/her/their signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

CONSENT BY RESPONDENT PEBBLE LANE ASSOCIATES, INC.

Respondent PEBBLE LANE ASSOCIATES, INC. consents to the issuance and entry of the foregoing Order without further notice, waives its rights to a hearing herein and agrees to be bound by the terms, conditions and provisions of this Order.

PEBBLE LANE ASSOCIATES, INC.

BY: _____ (SIGNATURE)

NAME: Emilio Lamanna (PRINT)

TITLE OF OFFICER: VP (PRINT)

DATED: 4/28/21 (PRINT)

ACKNOWLEDGMENT

State of New York)
County of NASSAU) ss.:

DAVID O'NEILL
Notary Public, State of New York
No. 01ON6202621
Qualified in Nassau County
Commission Expires March 23, 2021

On this 28 day of APRIL, 2021, before me personally came EMILIO LAMANNA, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument, who being duly sworn, deposed and stated that (s)he is the VP of PEBBLE LANE ASSOCIATES, INC., the corporation described in and which executed the foregoing instrument, and that (s)he was authorized by said corporation to execute the foregoing instrument.

DAVID O'NEILL
Notary Public

CONSENT BY RESPONDENT 57-00 MASPETH AVENUE, LLC

Respondent 57-00 MASPETH AVENUE, LLC consents to the issuance and entry of the foregoing Order without further notice, waives its rights to a hearing herein and agrees to be bound by the terms, conditions and provisions of this Order.

57-00 MASPETH AVENUE, LLC

BY: _____ (SIGNATURE)

NAME: Emilio Lamanna (PRINT)

TITLE OF OFFICER: member (PRINT)

DATED: 4/28/21 (PRINT)

ACKNOWLEDGMENT

State of New York)
County of NASSAU) ss.:

DAVID O'NEILL
Notary Public, State of New York
No. 01ON6202621
Qualified in Nassau County
Commission Expires March 23, ~~2021~~ 2025

On this 28 day of APRIL, 2021, before me personally came EMILIO LAMANNA, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument, who being duly sworn, deposed and stated that (s)he is the member of 57-00 MASPETH AVENUE, LLC, the company described in and which executed the foregoing instrument, and that (s)he was authorized by said company to execute the foregoing instrument.

David O'Neill
Notary Public

CONSENT BY RESPONDENT RL FAMILY PROPERTY OWNER, LLC

Respondent RL FAMILY PROPERTY OWNER, LLC consents to the issuance and entry of the foregoing Order without further notice, waives its rights to a hearing herein and agrees to be bound by the terms, conditions and provisions of this Order.

RL FAMILY PROPERTY OWNER, LLC

BY: Rossana Bartone (SIGNATURE)

NAME: ROSSANA BARTONE (PRINT)

TITLE OF OFFICER: MEMBER (PRINT)

DATED: 4.26.21 (PRINT)

ACKNOWLEDGMENT

State of New York)
County of NASSAU) ss.:

DAVID O'NEILL
Notary Public, State of New York
No. 01ON6202621
Qualified in Nassau County
Commission Expires March 23, 2025

On this 28TH day of APRIL, 2021, before me personally came ROSSANA BARTONE, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument, who being duly sworn, deposed and stated that (s)he is the member of RL FAMILY PROPERTY OWNER, LLC, the company described in and which executed the foregoing instrument, and that (s)he was authorized by said company to execute the foregoing instrument.

DAVID O'NEILL
Notary Public

CONSENT BY RESPONDENT EL FAMILY PROPERTY OWNER, LLC

Respondent EL FAMILY PROPERTY OWNER, LLC consents to the issuance and entry of the foregoing Order without further notice, waives its rights to a hearing herein and agrees to be bound by the terms, conditions and provisions of this Order.

EL FAMILY PROPERTY OWNER, LLC

BY: _____ (SIGNATURE)

NAME: Emilio Lamanna (PRINT)

TITLE OF OFFICER: member (PRINT)

DATED: 4/28/21 (PRINT)

ACKNOWLEDGMENT

State of New York)
County of NASSAU) ss.:

DAVID O'NEILL
Notary Public, State of New York
No. 01ON6202621
Qualified in Nassau County
Commission Expires March 23, 2021 2021

On this 28TH day of April, 2021, before me personally came EMILIO LAMANNA, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument, who being duly sworn, deposed and stated that (s)he is the member of EL FAMILY PROPERTY OWNER, LLC, the company described in and which executed the foregoing instrument, and that (s)he was authorized by said company to execute the foregoing instrument.

DAVID O'NEILL
Notary Public

CONSENT BY RESPONDENT SLMJL FAMILY PROPERTY OWNER, LLC

Respondent SLMJL FAMILY PROPERTY OWNER, LLC consents to the issuance and entry of the foregoing Order without further notice, waives its rights to a hearing herein and agrees to be bound by the terms, conditions and provisions of this Order.

SLMJL FAMILY PROPERTY OWNER, LLC

BY: _____ (SIGNATURE)

NAME: Sabatino Lamanna (PRINT)

TITLE OF OFFICER: member (PRINT)

DATED: 4/28/21 (PRINT)

ACKNOWLEDGMENT

State of New York)
County of NASSAU) ss.:

DAVID O'NEILL
Notary Public, State of New York
No. 01ON6202621
Qualified in Nassau County
Commission Expires March 23, 2021 2025

On this 28 day of APRIL, 2021, before me personally came SABATINO LAMANNA, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument, who being duly sworn, deposed and stated that (s)he is the member of SLMJL FAMILY PROPERTY OWNER, LLC, the company described in and which executed the foregoing instrument, and that (s)he was authorized by said company to execute the foregoing instrument.

David O'Neill
Notary Public

Appendix D

Environmental Data Resources Inc. ™ Report

47th Street - Maspeth
57-00, 57-05, 57-57, and 58-20 47th Street
Maspeth, NY 11378

Inquiry Number: 6545368.1s
June 21, 2021

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Map Findings Summary	4
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GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

57-00, 57-05, 57-57, AND 58-20 47TH STREET
MASPETH, NY 11378

COORDINATES

Latitude (North):	40.7200400 - 40° 43' 12.14''
Longitude (West):	73.9230680 - 73° 55' 23.04''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	590957.0
UTM Y (Meters):	4508026.0
Elevation:	9 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5940597 BROOKLYN, NY
Version Date:	2013

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20150522
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
57-00, 57-05, 57-57, AND 58-20 47TH STREET
MASPETH, NY 11378

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	BORO LUMBER COMPANY	57-57 47TH ST	NY Spills		TP
A2	ISLAND TRANS CORP	5700 47TH STREET	NY LTANKS		TP
A3	COMMERCIAL PROPERTY	57-00 47 ST	NY Spills		TP
A4	A LAMANNA TRUCKING C	57-05 47 ST	NY UST		TP
A5	5700 MASPETH AVENUE	5700 47TH ST	NY Spills		TP
A6	57-00 47TH STREET	57-00 47TH STREET	FINDS, ECHO		TP
A7	57-00 MASPETH AVE LL	5700 47TH ST	NY SWF/LF, NY UST, NY AST, NY Spills		TP
A8	PEBBLE LANE ASSOCIAT	57-05 47TH STREET	NY RGA LF		TP
A9	PEBBLE LANE ASSOCIAT	57-05 47TH STREET	NY RGA LF		TP
A10	55-90 47TH ST	55-90 47TH ST	HMIRS	Lower	1 ft.
A11	55-90 47 TH ST	55-90 47 TH ST	HMIRS	Lower	1 ft.
A12		55-90 47TH ST	HMIRS	Higher	1 ft.
A13	55-90 47 TH ST	55-90 47 TH ST	HMIRS	Lower	1 ft.
A14	55-90 47 TH ST	55-90 47 TH ST	HMIRS	Lower	1 ft.
15	ISLAND TRANSPORTATIO	47TH ST	NY Spills	Lower	1 ft.
A16	55-90 47 TH ST	55-90 47 TH ST	HMIRS	Lower	1 ft.
A17	55-90 47TH ST	55-90 47TH ST	HMIRS	Lower	1 ft.
A18		55-90 47TH STREET	HMIRS	Lower	1 ft.
A19	55-90 47TH STREET	55-90 47TH STREET	HMIRS	Lower	1 ft.
A20		55-90 47TH STREET	HMIRS	Lower	1 ft.
A21	55-90 47 TH ST	55-90 47 TH ST	HMIRS	Lower	1 ft.
A22		55-90 47TH STREET	HMIRS	Lower	1 ft.
A23	55-90 47TH ST	55-90 47TH ST	HMIRS	Lower	1 ft.
A24	55-90 47 TH ST	55-90 47 TH ST	HMIRS	Lower	1 ft.
A25	55-90 47 TH ST	55-90 47 TH ST	HMIRS	Lower	1 ft.
A26		55-90 47TH ST	HMIRS	Lower	1 ft.
A27		55-90 47TH ST	HMIRS	Lower	1 ft.
A28	55-90 47TH STREET	55-90 47TH STREET	HMIRS	Lower	1 ft.
A29	55-90 47 TH ST	55-90 47 TH ST	HMIRS	Lower	1 ft.
A30		55-90 47TH STREET	HMIRS	Lower	1 ft.
A31		55-90 47TH ST	HMIRS	Lower	1 ft.
A32	55-90 47TH ST	55-90 47TH ST	HMIRS	Lower	1 ft.
A33	55-90 47TH STREET	55-90 47TH STREET	HMIRS	Lower	1 ft.
A34	IN YARD	55-70 47TH STREET	NY Spills	Lower	1 ft.
A35		55-90 47TH ST	HMIRS	Lower	1 ft.
A36		55-90 47TH ST	HMIRS	Lower	1 ft.
A37	55-90 47TH STREET	55-90 47TH STREET	HMIRS	Lower	1 ft.
A38	55-90 47TH STREET	55-90 47TH STREET	HMIRS	Lower	1 ft.
A39	55-90 47 TH ST	55-90 47 TH ST	HMIRS	Lower	1 ft.

MAPPED SITES SUMMARY

Target Property Address:
57-00, 57-05, 57-57, AND 58-20 47TH STREET
MASPETH, NY 11378

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A40	55-90 47TH STREET	55-90 47TH STREET	HMIRS	Lower	1 ft.
A41	55-90 47 TH ST	55-90 47 TH ST	HMIRS	Lower	1 ft.
A42	55-90 47TH AVE	55-90 47TH AVE	HMIRS	Lower	1 ft.
A43	55-90 47 TH ST	55-90 47 TH ST	HMIRS	Lower	1 ft.
A44		55-90 47TH STREET	HMIRS	Lower	1 ft.
A45		55-90 47TH	HMIRS	Lower	1 ft.
A46	55-90 47TH ST	55-90 47TH ST	HMIRS	Lower	1 ft.
A47		55-90 47TH	HMIRS	Lower	1 ft.
A48		55-90 47TH ST	HMIRS	Lower	1 ft.
A49		55-90 47TH ST	HMIRS	Lower	1 ft.
A50		55-90 47TH STREET	HMIRS	Lower	1 ft.
A51	55-90 47TH ST	55-90 47TH ST	HMIRS	Lower	1 ft.
A52	55-90 47TH ST	55-90 47TH ST	HMIRS	Lower	1 ft.
A53		55-90 47TH ST	HMIRS	Lower	1 ft.
A54	55-90 47 TH STREET	55-90 47 TH STREET	HMIRS	Lower	1 ft.
A55	55-90 47TH STREET	55-90 47TH STREET	HMIRS	Lower	1 ft.
A56		55-90 47TH ST	HMIRS	Lower	1 ft.
A57	55-90 47 TH ST	55-90 47 TH ST	HMIRS	Lower	1 ft.
A58	55-90 47TH ST	55-90 47TH ST	HMIRS	Lower	1 ft.
A59	55-90 47TH ST	55-90 47TH ST	HMIRS	Lower	1 ft.
A60		55-90 47TH ST	HMIRS	Lower	1 ft.
A61	55 -90 47TH ST	55 -90 47TH ST	HMIRS	Lower	1 ft.
A62	55-90 47TH STREET	55-90 47TH STREET	HMIRS	Lower	1 ft.
A63	55-90 47TH STREET	55-90 47TH STREET	HMIRS	Lower	1 ft.
A64	55-90 47TH ST	55-90 47TH ST	HMIRS	Lower	1 ft.
A65	55-90 47TH ST	55-90 47TH ST	HMIRS	Lower	1 ft.
A66	55-90 47TH ST	55-90 47TH ST	HMIRS	Lower	1 ft.
A67		55-90 47TH ST	HMIRS	Lower	1 ft.
A68	55-90 47TH STREET	55-90 47TH STREET	HMIRS	Lower	1 ft.
A69		55-90 47TH STREET	HMIRS	Lower	1 ft.
A70	55-90 47 TH STREET	55-90 47 TH STREET	HMIRS	Lower	1 ft.
A71	55-90 47TH STREET	55-90 47TH STREET	HMIRS	Lower	1 ft.
A72		55-90 47TH ST	HMIRS	Lower	1 ft.
A73		55-90 47TH ST	HMIRS	Lower	1 ft.
A74	55-90 47TH STREET	55-90 47TH STREET	HMIRS	Lower	1 ft.
A75	ROADWAY PACKAGE SYST	55-90 48TH ST	NY UST, RCRA NonGen / NLR, NY MANIFEST, NY SPDES	Lower	1 ft.
A76	55-90 47TH ST	55-90 47TH ST	HMIRS	Lower	1 ft.
A77	55-90 47 TH ST	55-90 47 TH ST	HMIRS	Lower	1 ft.
A78	55-90 47TH ST	55-90 47TH ST	HMIRS	Lower	1 ft.

MAPPED SITES SUMMARY

Target Property Address:
57-00, 57-05, 57-57, AND 58-20 47TH STREET
MASPETH, NY 11378

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A79	55-90 47 TH ST	55-90 47 TH ST	HMIRS	Lower	1 ft.
A80		55-90 47TH	HMIRS	Lower	1 ft.
A81		55-90 47TH ST	HMIRS	Lower	1 ft.
A82		55-90 47TH ST	HMIRS	Lower	1 ft.
A83		55-90 47TH ST	HMIRS	Lower	1 ft.
A84		55-90 47TH ST	HMIRS	Lower	1 ft.
A85		55-90 47TH STREET	HMIRS	Lower	1 ft.
A86	55-90 47 TH ST	55-90 47 TH ST	HMIRS	Lower	1 ft.
A87	55-90 47 TH ST	55-90 47 TH ST	HMIRS	Lower	1 ft.
A88		55-90 47TH ST	HMIRS	Lower	1 ft.
A89	55-90 47 TH ST	55-90 47 TH ST	HMIRS	Lower	1 ft.
A90	55-90 47 TH ST	55-90 47 TH ST	HMIRS	Lower	1 ft.
A91		55-90 47TH ST	HMIRS	Higher	1 ft.
A92	55-90 47TH ST	55-90 47TH ST	HMIRS	Lower	1 ft.
A93		55-90 47TH STREET	HMIRS	Lower	1 ft.
A94	ST. JOHN'S BERRY TRU	55-90 47TH STREET	NY LTANKS, NY Spills	Lower	1 ft.
A95	55-90 47TH ST	55-90 47TH ST	HMIRS	Lower	1 ft.
A96	55-90 47TH ST	55-90 47TH ST	HMIRS	Lower	1 ft.
A97	55-90 47TH STREET	55-90 47TH STREET	HMIRS	Lower	1 ft.
A98	55-90 47 TH ST	55-90 47 TH ST	HMIRS	Lower	1 ft.
A99		55-90 47TH ST	HMIRS	Lower	1 ft.
A100		55-90 47TH ST	HMIRS	Lower	1 ft.
A101		55-90 47TH ST	HMIRS	Lower	1 ft.
A102		55-90 47TH ST	HMIRS	Lower	1 ft.
A103		55-90 47TH ST	HMIRS	Lower	1 ft.
A104		55-90 47TH ST	HMIRS	Lower	1 ft.
A105	55-90 47TH STREET	55-90 47TH STREET	HMIRS	Lower	1 ft.
A106		55-59 47TH ST	HMIRS	Higher	1 ft.
A107		55-90 47TH STREET	HMIRS	Lower	1 ft.
A108	55-90 47TH ST	55-90 47TH ST	HMIRS	Lower	1 ft.
A109		55-90 47TH STREET	HMIRS	Lower	1 ft.
A110		55-90 47TH ST	HMIRS	Lower	1 ft.
A111		55-90 47TH ST	HMIRS	Lower	1 ft.
A112		55-90 47TH STREET	HMIRS	Lower	1 ft.
A113		55-90 47TH	HMIRS	Lower	1 ft.
A114		55-90 47TH ST	HMIRS	Lower	1 ft.
A115		55-90 47TH STREET	HMIRS	Lower	1 ft.
A116	55-90 47TH ST	55-90 47TH ST	HMIRS	Lower	1 ft.
A117		55-90 47TH ST	HMIRS	Lower	1 ft.

MAPPED SITES SUMMARY

Target Property Address:
57-00, 57-05, 57-57, AND 58-20 47TH STREET
MASPETH, NY 11378

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A118		55-90 47TH ST	HMIRS	Lower	1 ft.
A119	55-90 47TH ST	55-90 47TH ST	HMIRS	Lower	1 ft.
A120		55-90 47TH STREET	HMIRS	Lower	1 ft.
A121		55-90 47TH STREET	HMIRS	Lower	1 ft.
A122		55-90 47TH STRRET	HMIRS	Lower	1 ft.
A123	55-90 47TH STREET	55-90 47TH STREET	HMIRS	Lower	1 ft.
A124		55-90 47TH STREET	HMIRS	Lower	1 ft.
A125	55-90 47TH ST	55-90 47TH ST	HMIRS	Lower	1 ft.
A126		55-90 47TH STREET	HMIRS	Lower	1 ft.
A127	55-90 47 TH ST	55-90 47 TH ST	HMIRS	Lower	1 ft.
A128		55-90 47TH STREET	HMIRS	Lower	1 ft.
A129	C B L TRUCKING	55-80 47TH STREET	NY Spills, NY MANIFEST	Lower	1 ft.
A130		55-90 47TH ST	HMIRS	Lower	1 ft.
A131		55-90 47TH ST	HMIRS	Lower	1 ft.
A132	55-90 47TH ST	55-90 47TH ST	HMIRS	Lower	1 ft.
A133	5590 47TH STREET	5590 47TH STREET	HMIRS	Lower	1 ft.
A134	55-90 47TH ST	55-90 47TH ST	HMIRS	Lower	1 ft.
A135	55-90 47TH ST	55-90 47TH ST	HMIRS	Lower	1 ft.
A136		55-90 47TH ST	HMIRS	Lower	1 ft.
A137	55-90 47TH ST	55-90 47TH ST	HMIRS	Lower	1 ft.
A138		55-90 47TH ST	HMIRS	Lower	1 ft.
A139		55-90 47TH STREET	HMIRS	Lower	1 ft.
A140	DICKARD WIDDER IND-5	56/02 MASPETH AVENUE	FINDS	Higher	1 ft.
A141	55-90 47TH	55-90 47TH	HMIRS	Lower	1 ft.
A142	55 - 90 47TH ST	55 - 90 47TH ST	HMIRS	Lower	1 ft.
A143		55-90 47TH STREET	HMIRS	Lower	1 ft.
A144	55-90 47 TH ST	55-90 47 TH ST	HMIRS	Lower	1 ft.
A145		55-90 47TH ST	HMIRS	Lower	1 ft.
A146	55-90 47TH ST	55-90 47TH ST	HMIRS	Lower	1 ft.
A147	55-90 47TH ST	55-90 47TH ST	HMIRS	Lower	1 ft.
A148	55-90 47 TH ST	55-90 47 TH ST	HMIRS	Lower	1 ft.
A149	55-90 47TH ST	55-90 47TH ST	HMIRS	Lower	1 ft.
A150		55-90 47TH STREET	HMIRS	Lower	1 ft.
A151		55-90 47TH ST	HMIRS	Lower	1 ft.
A152	EMS SUPPORT BLDG	53-30 58TH STRET	NY Spills	Lower	8, 0.002, West
A153	FDNY EMS HEADQUARTER	53-30 58TH STREET	NY LTANKS	Lower	8, 0.002, West
A154	NYC DOS QUEENS 5	48-01 58 ROAD	NY Spills	Higher	47, 0.009, WNW
A155	DSNY QUEENS DISTRICT	48-01 58TH STREET	NY UST	Higher	47, 0.009, WNW
A156	QUEENS DISTRICT 5/5A	48-01 58TH RD	NY Spills, NY SPDES	Higher	47, 0.009, WNW

MAPPED SITES SUMMARY

Target Property Address:
57-00, 57-05, 57-57, AND 58-20 47TH STREET
MASPETH, NY 11378

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A157	DOS QUEENS 6 GARAGE	52-35 58TH STREET	NY LTANKS, NY Spills	Higher	48, 0.009, WNW
A158	NYC DEPT SANITATION	52-35 58TH ST	RCRA NonGen / NLR, NY MANIFEST	Higher	48, 0.009, WNW
A159	NYC DEPT SANITATION	52-35 58TH ST	NJ MANIFEST	Higher	48, 0.009, WNW
A160	QUEENS 5	58-05 58 RD	NY Spills	Higher	49, 0.009, NNW
B161	PERFECT ART (OLD OWN	58-29 48TH STREET	NY UST	Higher	88, 0.017, NE
C162	SPILL NUMBER 9608406	MASPETH AVE & NEWTON	NY Spills	Lower	105, 0.020, West
B163	CANOVER INDASTIES ,	57-85 48TH ST	NY UST	Higher	106, 0.020, NE
B164	DSNY QUEENS DISTRICT	58-02 48TH STREET	NY UST	Higher	110, 0.021, NE
D165	M & C TRANSFER STATI	58-26 47 STREET	NY SWF/LF	Lower	125, 0.024, SSE
B166	DAVIS & WARSHOW	57-22 49TH ST	NY UST, RCRA NonGen / NLR, FINDS, ECHO, NY...	Higher	139, 0.026, NE
E167	57-47 47TH STREET	57-47 47TH ST	NY LTANKS, NY AST, NY Spills	Higher	146, 0.028, ESE
E168	AT LITE	57-47 47TH ST	RCRA-VSQG, NY MANIFEST	Higher	146, 0.028, ESE
D169	BORO TIMBER CO	57-45 47TH STREET	NY UST	Higher	163, 0.031, SSE
D170	BORO TIMBER CO	57-45 47TH ST	NY Spills	Higher	163, 0.031, SSE
B171	TEMO SALES	57-03 48TH ST	NY Spills	Higher	174, 0.033, ENE
B172	POLE 92057	57-03 48TH ST	NY Spills	Higher	231, 0.044, ENE
B173	SPILL NUMBER 0007012	5703 48TH ST	NY LTANKS	Higher	231, 0.044, ENE
C174	TRANSCON LINES TERMI	430 MASPETH AVE	NY LTANKS, NY UST, RCRA NonGen / NLR, NY MANIFEST	Lower	307, 0.058, WSW
C175	EMPIRE TRANSIT MIX I	430 MASPETH AVENUE	NY AST	Lower	307, 0.058, WSW
C176	EMPIRE TRANSIT MIX I	430 MASPETH AVE	RCRA NonGen / NLR, FINDS, ECHO	Lower	307, 0.058, WSW
D177	GPB WASTE NY DBA NY/	58-35 47TH STREET	NY SWRCY	Higher	315, 0.060, SSE
D178	NMS WASTE PAPER	58-35 47TH STREET	NY SWRCY, NY Spills	Higher	315, 0.060, SSE
F179	NYC SANITATION	58-02 48TH STREET	NY LTANKS	Higher	546, 0.103, NNE
G180	CIPICO CONSTRUCTION,	58-08 48TH STREET	NY UST	Higher	555, 0.105, North
G181	NYC DEPT OF SANITATI	58-08 48TH ST	NY LTANKS	Higher	555, 0.105, North
G182	MASPETH RECYCLING IN	58-08 48 STREET	NY SWF/LF	Higher	555, 0.105, North
H183	ABF FREIGHT SYSTEM I	414 MASPETH AVE	NY Spills, NY MANIFEST, NY SPDES	Higher	584, 0.111, WSW
H184	ABF FREIGHT SYSTEM,	414 MASPETH AVE	NY UST	Higher	584, 0.111, WSW
185	S AND S WAREHOUSE	57-10 49TH PL	NY Spills	Higher	637, 0.121, ENE
F186	DAVID AND WARSAOW	57-02 48TH ST	NY Spills	Higher	641, 0.121, North
I187	HUB TRUCK RENTAL COR	56-07 48TH STREET	NY UST	Higher	761, 0.144, NNE
I188	HUB TRUCK RENTAL COR	56-07 48TH STREET	NY AST	Higher	761, 0.144, NNE
I189	BEST FOODS BAKING GR	56-07 48TH ST	RCRA NonGen / NLR, FINDS, ECHO	Higher	761, 0.144, NNE
J190	ROADWAY EXPRESS INC	1313 GRAND ST	NY UST	Lower	799, 0.151, SSW
J191	ROADWAY EXPRESS	1313 GRAND STREET	NJ MANIFEST	Lower	799, 0.151, SSW
J192	YRC BROOKLYN (187)	1313 GRAND ST	RCRA-VSQG, NY LTANKS, NY Spills, FINDS, ECHO, NY...	Lower	799, 0.151, SSW
K193	GRAND AVENUE DEPOT &	48-05 GRAND AVENUE	NY CBS, NY Spills	Higher	824, 0.156, SE
K194	NYCT GRAND AVENUE BU	48-05 GRAND AVE	RCRA-LQG, FINDS, ECHO, NY MANIFEST	Higher	824, 0.156, SE
K195	AVIS RENT A CAR SYST	48-05 GRAND AVE	NY UST, NY AST, NY Spills, RCRA NonGen / NLR	Higher	824, 0.156, SE

MAPPED SITES SUMMARY

Target Property Address:
57-00, 57-05, 57-57, AND 58-20 47TH STREET
MASPETH, NY 11378

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
I196	CANOVER INDUSTRIES,	57-65 48TH STREET	NY UST	Higher	861, 0.163, NNE
197	CHARLES J KING INC	1301 GRAND ST	NY SWF/LF, NY UST, NY SWRCY, RCRA NonGen / NLR, NY...	Lower	977, 0.185, SSW
198	CANOVER INDUSTRIES I	48TH ST & MASPETH AV	RCRA NonGen / NLR, NY MANIFEST	Higher	1039, 0.197, NNE
L199	ROCKMILLS STEEL PROD	49-00 GRAND AVENUE	NY AST	Higher	1119, 0.212, SE
L200	NEW STYLE RECYCLING	49-10 GRAND AVENUE	NY SWF/LF, NY Financial Assurance	Higher	1123, 0.213, SE
201	Z R ENTERPRISES INC	4710 GRAND AVE	RCRA NonGen / NLR, FINDS, ECHO	Higher	1151, 0.218, SE
202	LARSTAN PROCESSING C	48-85 MASPETH AVE	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	1151, 0.218, NE
203	EXXON CO USA-MASPETH	4673 METROPOLITAN AV	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Lower	1192, 0.226, South
M204	NEW PENN MOTOR EXPRE	58-60 PAGE PLACE	NY UST, NY AST	Higher	1247, 0.236, ESE
M205	NEW PENN MOTOR EXPRE	58-60 PAGE PL	NY LTANKS, NY Spills, NY SPDES	Higher	1247, 0.236, ESE
N206	CON EDISON MANHOLE 2	PAGE PL & GRAND AVE	RCRA NonGen / NLR, FINDS, ECHO	Higher	1277, 0.242, ESE
N207	NYNEX	PAGE PL & GRAND AVE	NY MANIFEST	Higher	1277, 0.242, ESE
N208	CON EDISON FLUSH	PAGE PL & GRAND AVE	RCRA NonGen / NLR, FINDS, ECHO	Higher	1277, 0.242, ESE
O209	THE LERMAN COMPANY,	58-38 PAGE PLACE	NY UST	Higher	1303, 0.247, East
O210	MANUSCREENS	5838 PAGE PL	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	1303, 0.247, East
P211	CCX RAILROAD	49-15 MASPETH AVE	NY LTANKS	Higher	1339, 0.254, NE
P212	COMMERCIAL	49-15 MASPETH AV	NY LTANKS	Higher	1339, 0.254, NE
Q213	DITMAS OIL ASSOCIATE	364 MASPETH AVENUE	NY LTANKS, NY CBS, NY MOSF, NY Spills, NY SPDES	Higher	1356, 0.257, WSW
Q214	DITMAS OIL ASSOCIATE	364 MASPETH AVENUE	NY MOSF UST, NY AST, NY CBS AST, NY MOSF AST, NY...	Higher	1356, 0.257, WSW
P215	CLOSED-LACKOF RECENT	1 RAILROAD PLACE	NY LTANKS	Higher	1430, 0.271, ENE
R216	FILIBERTO RECYCLING;	57-48 49 STREET	NY SWRCY	Lower	1446, 0.274, NNE
217	WASTE MANAGEMENT OF	232 GARDNER AVENUE	NY SWF/LF, NY Spills	Higher	1467, 0.278, SSW
R218	GALASSO TRUCKING; IN	2 GALASSO PLACE	NY SWF/LF, NY LTANKS, NY SWRCY, NY Spills	Higher	1484, 0.281, NNE
R219	MASPETH PROJECT	57-15 49TH STREET	NY ERP	Higher	1555, 0.295, NNE
R220	WALLACE PACKAGING CO	57-01 49TH ST	NY LTANKS	Higher	1567, 0.297, NNE
221	WASTE MANAGEMENT OF	1301 METROPOLITAN AV	NY SWF/LF	Higher	1576, 0.298, SSW
222	49-40 MASPETH AVE/PR	49-40 MASPETH AVE/PR	NY LTANKS	Higher	1588, 0.301, ENE
Q223	TANKS-A-LOT COMPANY	362 MASPETH AVENUE	NY HSWDS	Higher	1600, 0.303, WSW
Q224	TANKS-A-LOT CO	362 MASPETH AVE	SEMS-ARCHIVE	Higher	1600, 0.303, WSW
225	1213 GRAND STREET	1213 GRAND STREET	NY LTANKS, NY Spills	Lower	1601, 0.303, SW
S226	BCF OIL REFINING, IN	360 MASPETH AVENUE	NY SWF/LF, NY LTANKS, NY MOSF UST, NY MOSF, NY...	Higher	1621, 0.307, WSW
S227	BCF OIL REFINING, IN	360 MASPETH AVENUE	SEMS, NY SHWS, RCRA NonGen / NLR, PRP, ECHO, NY...	Higher	1621, 0.307, WSW
S228	BCF, 360 MASPETH AVE	360 MASPETH AVENUE,	NY VCP	Higher	1621, 0.307, WSW
T229	AVALANCHE CONTRACTIN	46-26 METROPOLITAN A	NY SWF/LF	Higher	1654, 0.313, South
T230	METRO AUTO SALVAGE	4600 METROPOLITAN AV	NY SWF/LF, NY CBS, NY AST, NY Spills, NY SPDES	Higher	1698, 0.322, South
231	COTOIA ENTERPRISES	46-26 METROPOLITAN A	NY SWRCY	Higher	1711, 0.324, South
232	SUNSHINE BISCUITS IN	1251 METROPOLITAN AV	NY LTANKS, NY UST	Higher	1776, 0.336, SSW
S233	T & T SCRAP LLC	340 MASPETH AVENUE	NY SWF/LF, NY Spills, NY SPDES	Higher	1801, 0.341, WSW
S234	NEW YORK RECYCLERS;	340 MASPETH AVENUE	NY SWF/LF	Higher	1801, 0.341, WSW

MAPPED SITES SUMMARY

Target Property Address:
57-00, 57-05, 57-57, AND 58-20 47TH STREET
MASPETH, NY 11378

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
235	DEMOLITION TRANSFER	48-23 METOPOLITAN AV	NY SWF/LF	Higher	1898, 0.359, SE
U236	AMBROSINO CONSTRUCTI	57-52 49TH PLACE	NY SWF/LF	Higher	1906, 0.361, NE
237	MASPETH WAREHOUSE (C	55-04 MASPETH AVE	NY LTANKS, NY Spills	Higher	1935, 0.366, ENE
238	CONSOLIDATED CARPET	1157 GRAND ST	NY LTANKS	Lower	2032, 0.385, SW
239	47-40 METROPOLITAN A	47-40 METROPOLITAN A	NY LTANKS	Higher	2055, 0.389, SSE
240	EMPIRE STATE CARDBOA	3 RAILROAD PLACE	NY SWRCY, NY Spills	Higher	2077, 0.393, NE
241	CLOSED-LACKOF RECENT	56071 49TH STREET	NY LTANKS	Higher	2081, 0.394, NNE
U242	EVANS CONTAINER CORP	1880 19 AVENUE	NY SWF/LF	Higher	2104, 0.398, NE
V243	BASIN HAULAGE INC.	58-94 54TH STREET	NY SWRCY	Higher	2130, 0.403, ESE
V244	QUEENS WEST 05/05A D	58-74 54TH STREET	NY LTANKS, NY Spills	Higher	2152, 0.408, ESE
V245	ERM COMPANY	58-74 54TH STREET	NY LTANKS	Higher	2152, 0.408, ESE
W246	BFI (598-636 SCHOLES	598-636 SCHOLES STRE	NY SWF/LF, NY SWRCY	Higher	2174, 0.412, South
W247	ALLOCCO RECYCLING LT	575 SCHOLES STREET	NY SWRCY, NY Spills	Higher	2179, 0.413, South
W248	GADS INC	594 SCHOLES STREET	NY SWF/LF	Higher	2179, 0.413, South
249	LOMBARDY STREET LAND	295 LOMBARDY STREET	NY HSWDS	Higher	2273, 0.430, NW
250	NEWTOWN CREEK SUPERF	NEWTOWN CRK - N LAT	NPL, SEMS, RCRA-SQG, ROD, PRP, NY MANIFEST	Lower	2302, 0.436, SW
251	55-04 MASPETH AVE/QU	55-04 MASPETH AVENUE	NY LTANKS	Higher	2313, 0.438, ENE
252	CASALINO INTERIOR DE	213 MEADOW ST	NY SWF/LF, NY Spills	Higher	2332, 0.442, SSW
X253	STAR CORRUGATED BOX	55-15 GRAND AVE	RCRA-VSQG, NY LTANKS, NY Spills, FINDS, ECHO, NY...	Higher	2351, 0.445, East
254	APARTMENT BUILDING	52-01 FLUSHING AVE	NY LTANKS	Higher	2360, 0.447, SE
Y255	FEDEX	300 MASPETH AVE	NY LTANKS, NY Spills	Higher	2370, 0.449, WSW
Y256	GREENPOINT ENERGY CT	287 MASPETH AVE	NY CBS, NY AST, NY MOSF AST, NY Spills, NY AIRS,...	Higher	2371, 0.449, WSW
Y257	GREENPOINT	287 MASPETH AVENUE	EDR MGP	Higher	2371, 0.449, WSW
Y258	BKLYN UNION GAS /GRE	287 MASPETH AVE	SEMS-ARCHIVE	Higher	2371, 0.449, WSW
Y259	K - GREENPOINT MGP -	287 MASPETH AVENUE	NY SHWS, NY SWF/LF, NY LTANKS, NY MOSF, NY TANKS,...	Higher	2371, 0.449, WSW
Y260	BKLYN UNION GAS /MAS	285 MASPETH AVE	SEMS-ARCHIVE	Higher	2387, 0.452, WSW
Y261	BUG, MASPETH GATE ST	285 MASPETH AVENUE	NY HSWDS	Higher	2387, 0.452, WSW
Z262	BUG, VARICK GATE STA	438 VARICK AVENUE	NY HSWDS	Higher	2420, 0.458, West
Z263	BKLYN UNION GAS/VARI	438 VARICK AVE	SEMS-ARCHIVE	Higher	2420, 0.458, West
264	PEPSI - TTF	50-35 56TH RD	NY LTANKS	Higher	2458, 0.466, NE
AA265	251 LOMBARDI ST	251 LOMBARDI ST	NY LTANKS	Higher	2471, 0.468, NW
AB266	UNIVERSAL USED AUTO	1931 FLUSHING AVE	NY SWF/LF, NY Spills, NY SPDES	Higher	2475, 0.469, SSE
AB267	A & G USED AUTO PART	1937B FLUSHING AVENU	NY SWF/LF	Higher	2494, 0.472, SSE
AB268	A & G USED AUTO PART	1937 FLUSHING AVE	NY SWF/LF	Higher	2494, 0.472, SSE
X269	56-05 GRAND AVENUE	56-05 GRAND AVENUE	NY LTANKS	Higher	2519, 0.477, East
270	EVANS CONTAINER CORP	NE CORNER OF 56 ST.&	NY SWF/LF	Higher	2523, 0.478, NE
AA271	MANYA CORPORATION F.	235 GARDNER AVENUE	NY LTANKS, NY UST, NY CBS, NY AST	Higher	2531, 0.479, NW
272	METRO GAS INC.	50-02 METROPOLITAN A	NY LTANKS, NY UST, NY AST	Higher	2545, 0.482, SE
273	WMNY VARICK 1 TRANSF	215 VARICK AVENUE	NY SWF/LF, NY Financial Assurance	Higher	2549, 0.483, SW

MAPPED SITES SUMMARY

Target Property Address:
57-00, 57-05, 57-57, AND 58-20 47TH STREET
MASPETH, NY 11378

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
AC274	ALLOCCO RECYCLING (6	606 MESEROLE STREET	NY SWRCY	Higher	2563, 0.485, South
AC275	MESEROLE STREET RECY	568 MESEROLE STREET	NY SWRCY	Higher	2578, 0.488, South
AD276	18-51 FLUSHING AVE/Q	18-51 FLUSHING AVENU	NY LTANKS	Higher	2597, 0.492, SSE
277	LEWIS FLUSHING CORP.	1819 FLUSHING AVENUE	NY LTANKS	Higher	2610, 0.494, South
AD278	1884 FLUSHING AVENUE	1884 FLUSHING AVENUE	NY LTANKS, NY Spills	Higher	2620, 0.496, SSE
279	SUPER TRUCK RENTAL C	59-01 55TH ST	NY LTANKS, NY UST	Higher	2625, 0.497, ESE
280	FORMER W.L.K. CORP.	58-30 57TH STREET	NY SHWS	Higher	2736, 0.518, East
281	EQUITY WORKS	MASPETH AND VANDERVO	EDR MGP	Higher	2873, 0.544, WSW
282	VARICK AVENUE	165 VARICK AVENUE	NY SHWS	Higher	2876, 0.545, SSW
283	CHLORAL GROUP	171 LOMBARDY ST.	NY SHWS, NY CBS, NY AST, NY CBS AST, NY MANIFEST	Higher	3078, 0.583, WNW
284	PHELPS DODGE REFININ	42-02 56TH RD	SEMS, RCRA-LQG, NY SHWS, NY ENG CONTROLS, NY INST..	Higher	3351, 0.635, NNW
285	FORMER KLINK COSMO C	364 RICHARDSON STREE	NY SHWS	Higher	3731, 0.707, West
AE286	FORMER ACME STEEL PA	513 PORTER AVENUE	NY SHWS	Higher	3747, 0.710, WNW
AE287	ACME STEEL/BRASS FOU	72 ANTHONY STREET	NY SHWS	Higher	3747, 0.710, WNW
288	95 LOMBARDY ST./ACME	95 LOMBARDY ST	NY SHWS, NY UST	Higher	3778, 0.716, WNW
289	EMPIRE VARNISH COMPA	38 VARICK STREET	NY SHWS, NY MANIFEST	Higher	4201, 0.796, NW
290	SCHOLES ST. STATION	SCHOLES ST 7 BOGART	EDR MGP	Higher	4446, 0.842, SW
291	GOODMAN BROTHERS CO	18 DIVISION PLACE	RCRA-VSQG, NY SHWS, NY UST, NY CBS, NY AST, NY CBS..	Higher	4490, 0.850, West
292	TECHNICAL METAL FINI	214 STARR STREET	SEMS-ARCHIVE, NY SHWS	Higher	4876, 0.923, South
293	2 INGRAHAM STREET	2 INGRAHAM ST	NY SHWS, NY VCP, NY BROWNFIELDS	Higher	5069, 0.960, SSW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
BORO LUMBER COMPANY 57-57 47TH ST MASPETH, NY	NY Spills Spill Number/Closed Date: 9812248 / 2006-07-12 Site ID: 185465 Spill Date: 1999-01-04	N/A
ISLAND TRANS CORP 5700 47TH STREET MASPETH, NY	NY LTANKS Spill Number/Closed Date: 0709978 / 2007-12-28 Site ID: 391172 Spill Date: 2007-12-18	N/A
COMMERCIAL PROPERTY 57-00 47 ST MASPETH, NY	NY Spills Spill Number/Closed Date: 1306438 / 2014-02-11 Site ID: 487053 Spill Date: 2013-09-19	N/A
A LAMANNA TRUCKING C 57-05 47 ST MASPETH, NY 11378	NY UST Database: UST, Date of Government Version: 03/23/2021	N/A
5700 MASPETH AVENUE 5700 47TH ST QUEENS, NY	NY Spills Spill Number/Closed Date: 0808170 / 2012-08-27 Site ID: 405549 Spill Date: 2008-10-21	N/A
57-00 47TH STREET 57-00 47TH STREET MASPETH, NY 11378	FINDS Registry ID:: 110039195331 ECHO Registry ID: 110039195331	N/A
57-00 MASPETH AVE LL 5700 47TH ST MASPETH, NY 11378	NY SWF/LF NY UST Database: UST, Date of Government Version: 03/23/2021 NY AST Database: AST, Date of Government Version: 03/23/2021 Facility Id: 2-318744 NY Spills	N/A

EXECUTIVE SUMMARY

Spill Number/Closed Date: 9411004 / 1994-11-17
Site ID: 147965
Spill Date: 1994-11-17

PEBBLE LANE ASSOCIAT 57-05 47TH STREET MASPETH, NY	NY RGA LF	N/A
PEBBLE LANE ASSOCIAT 57-05 47TH STREET MASPETH, NY	NY RGA LF	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ---------- Federal Facility Site Information listing

Federal RCRA CORRACTS facilities list

CORRACTS ---------- Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Federal institutional controls / engineering controls registries

LUCIS ---------- Land Use Control Information System
US ENG CONTROLS ---------- Engineering Controls Sites List
US INST CONTROLS ---------- Institutional Controls Sites List

Federal ERNS list

ERNS ---------- Emergency Response Notification System

State and tribal leaking storage tank lists

INDIAN LUST ---- Leaking Underground Storage Tanks on Indian Land
NY HIST LTANKS ---- Listing of Leaking Storage Tanks

State and tribal registered storage tank lists

FEMA UST ---- Underground Storage Tank Listing
NY CBS UST ---- Chemical Bulk Storage Database
INDIAN UST ---- Underground Storage Tanks on Indian Land

State and tribal institutional control / engineering control registries

NY RES DECL ---- Restrictive Declarations Listing

State and tribal voluntary cleanup sites

INDIAN VCP ---- Voluntary Cleanup Priority Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ---- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

NY SWTIRE ---- Registered Waste Tire Storage & Facility List
INDIAN ODI ---- Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9 ---- Torres Martinez Reservation Illegal Dump Site Locations
ODI ---- Open Dump Inventory
IHS OPEN DUMPS ---- Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL ---- Delisted National Clandestine Laboratory Register
NY DEL SHWS ---- Delisted Registry Sites
US CDL ---- National Clandestine Laboratory Register
NY PFAS ---- PFAS Contamination Site Location Listing

Local Lists of Registered Storage Tanks

NY HIST UST ---- Historical Petroleum Bulk Storage Database
NY HIST AST ---- Historical Petroleum Bulk Storage Database

Local Land Records

NY LIENS ---- Spill Liens Information
LIENS 2 ---- CERCLA Lien Information

Records of Emergency Release Reports

NY Hist Spills ---- SPILLS Database

NY SPILLS 90 ---- SPILLS 90 data from FirstSearch
NY SPILLS 80 ---- SPILLS 80 data from FirstSearch

Other Ascertainable Records

FUDS ---- Formerly Used Defense Sites
DOD ---- Department of Defense Sites
SCRD DRYCLEANERS ---- State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR ---- Financial Assurance Information
EPA WATCH LIST ---- EPA WATCH LIST
2020 COR ACTION ---- 2020 Corrective Action Program List
TSCA ---- Toxic Substances Control Act
TRIS ---- Toxic Chemical Release Inventory System
SSTS ---- Section 7 Tracking Systems
RMP ---- Risk Management Plans
PADS ---- PCB Activity Database System
FTTS ---- FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS ---- Material Licensing Tracking System
COAL ASH DOE ---- Steam-Electric Plant Operation Data
COAL ASH EPA ---- Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER ---- PCB Transformer Registration Database
RADINFO ---- Radiation Information Database
HIST FTTS ---- FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS ---- Incident and Accident Data
CONSENT ---- Superfund (CERCLA) Consent Decrees
INDIAN RESERV ---- Indian Reservations
FUSRAP ---- Formerly Utilized Sites Remedial Action Program
UMTRA ---- Uranium Mill Tailings Sites
LEAD SMELTERS ---- Lead Smelter Sites
US AIRS ---- Aerometric Information Retrieval System Facility Subsystem
US MINES ---- Mines Master Index File
ABANDONED MINES ---- Abandoned Mines
DOCKET HWC ---- Hazardous Waste Compliance Docket Listing
UXO ---- Unexploded Ordnance Sites
FUELS PROGRAM ---- EPA Fuels Program Registered Listing
NY COAL ASH ---- Coal Ash Disposal Site Listing
NY DRYCLEANERS ---- Registered Drycleaners
NY E DESIGNATION ---- E DESIGNATION SITE LISTING
NY VAPOR REOPENED ---- Vapor Intrusion Legacy Site List
NY UIC ---- Underground Injection Control Wells
NY COOLING TOWERS ---- Registered Cooling Towers
NY LEAD ---- Lead-based Paint Testing Results
MINES MRDS ---- Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto ---- EDR Exclusive Historical Auto Stations
EDR Hist Cleaner ---- EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

NY RGA HWS ---- Recovered Government Archive State Hazardous Waste Facilities List

EXECUTIVE SUMMARY

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 04/27/2021 has revealed that there is 1 NPL site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
NEWTOWN CREEK SUPERF Cerclis ID:: 206282 EPA Id: NYN000206282	***NEWTOWN CRK - N LAT***	***SW 1/4 - 1/2 (0.436 mi.)***	***250***	***1063***

Federal CERCLIS list

SEMS: SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the SEMS list, as provided by EDR, and dated 04/27/2021 has revealed that there are 2 SEMS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BCF OIL REFINING, IN Site ID: 0204261 EPA Id: NYD068273044	***360 MASPETH AVENUE***	***WSW 1/4 - 1/2 (0.307 mi.)***	***S227***	***987***

Lower Elevation	Address	Direction / Distance	Map ID	Page
NEWTOWN CREEK SUPERF	***NEWTOWN CRK - N LAT***	***SW 1/4 - 1/2 (0.436 mi.)***	***250***	***1063***

EXECUTIVE SUMMARY

Site ID: 0206282
EPA Id: NYN000206282

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 04/27/2021 has revealed that there are 4 SEMS-ARCHIVE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TANKS-A-LOT CO Site ID: 0201827 EPA Id: NYD980509228	362 MASPETH AVE	WSW 1/4 - 1/2 (0.303 mi.)	Q224	950
BKLYN UNION GAS /GRE Site ID: 0201977 EPA Id: NYD980532014	287 MASPETH AVE	WSW 1/4 - 1/2 (0.449 mi.)	Y258	1181
BKLYN UNION GAS /MAS Site ID: 0201996 EPA Id: NYD980532220	285 MASPETH AVE	WSW 1/4 - 1/2 (0.452 mi.)	Y260	1203
BKLYN UNION GAS/VARI Site ID: 0202000 EPA Id: NYD980532261	438 VARICK AVE	W 1/4 - 1/2 (0.458 mi.)	Z263	1208

Federal RCRA generators list

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 03/22/2021 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NYCT GRAND AVENUE BU	***48-05 GRAND AVE***	***SE 1/8 - 1/4 (0.156 mi.)***	***K194***	***775***

EPA ID:: NYD981567423

RCRA-VSQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-VSQG list, as provided by EDR, and dated 03/22/2021 has revealed that there are 2 RCRA-VSQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
AT LITE EPA ID:: NYR000049809	***57-47 47TH ST***	***ESE 0 - 1/8 (0.028 mi.)***	***E168***	***627***

Lower Elevation	Address	Direction / Distance	Map ID	Page
YRC BROOKLYN (187) EPA ID:: NYD095769782	***1313 GRAND ST***	***SSW 1/8 - 1/4 (0.151 mi.)***	***J192***	***750***

State- and tribal - equivalent CERCLIS

NY SHWS: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Environmental Conservation's Inactive Hazardous waste Disposal Sites in New York State.

A review of the NY SHWS list, as provided by EDR, and dated 02/09/2021 has revealed that there are 14 NY SHWS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BCF OIL REFINING, IN Site Code: 56747	***360 MASPETH AVENUE***	***WSW 1/4 - 1/2 (0.307 mi.)***	***S227***	***987***
K - GREENPOINT MGP - Site Code: 372971 Class Code: Significant threat to the public health or environment - action required.	***287 MASPETH AVENUE***	***WSW 1/4 - 1/2 (0.449 mi.)***	***Y259***	***1182***
FORMER W.L.K. CORP. Site Code: 371165 Class Code: Significant threat to the public health or environment - action required.	58-30 57TH STREET	E 1/2 - 1 (0.518 mi.)	280	1264
VARICK AVENUE Site Code: 55914	165 VARICK AVENUE	SSW 1/2 - 1 (0.545 mi.)	282	1266
CHLORAL GROUP Site Code: 486951 Class Code: Significant threat to the public health or environment - action required.	***171 LOMBARDY ST.***	***WNW 1/2 - 1 (0.583 mi.)***	***283***	***1268***
PHELPS DODGE REFININ Site Code: 58835	***42-02 56TH RD***	***NNW 1/2 - 1 (0.635 mi.)***	***284***	***1275***

Class Code: Significant threat to the public health or environment - action required.				
FORMER KLINK COSMO C Site Code: 405851 Class Code: Significant threat to the public health or environment - action required.	364 RICHARDSON STREE	W 1/2 - 1 (0.707 mi.)	285	1380
FORMER ACME STEEL PA Site Code: 494893	513 PORTER AVENUE	WNW 1/2 - 1 (0.710 mi.)	AE286	1383
ACME STEEL/BRASS FOU Site Code: 405855 Class Code: Significant threat to the public health or environment - action required.	72 ANTHONY STREET	WNW 1/2 - 1 (0.710 mi.)	AE287	1385
95 LOMBARDY ST./ACME Site Code: 405853 Class Code: Significant threat to the public health or environment - action required.	***95 LOMBARDY ST***	***WNW 1/2 - 1 (0.716 mi.)***	***288***	***1387***
EMPIRE VARNISH COMPA Site Code: 378382	***38 VARICK STREET***	***NW 1/2 - 1 (0.796 mi.)***	***289***	***1392***
GOODMAN BROTHERS CO Site Code: 505634 Class Code: Significant threat to the public health or environment - action required.	***18 DIVISION PLACE***	***W 1/2 - 1 (0.850 mi.)***	***291***	***1396***
TECHNICAL METAL FINI Site Code: 57764	***214 STARR STREET***	***S 1/2 - 1 (0.923 mi.)***	***292***	***1425***
2 INGRAHAM STREET Site Code: 57074	***2 INGRAHAM ST***	***SSW 1/2 - 1 (0.960 mi.)***	***293***	***1428***

State and tribal landfill and/or solid waste disposal site lists

NY SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the list.

A review of the NY SWF/LF list, as provided by EDR, and dated 12/31/2020 has revealed that there are 24 NY SWF/LF sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MASPETH RECYCLING IN	58-08 48 STREET	N 0 - 1/8 (0.105 mi.)	G182	669
NEW STYLE RECYCLING	***49-10 GRAND AVENUE***	***SE 1/8 - 1/4 (0.213 mi.)***	***L200***	***852***
WASTE MANAGEMENT OF	***232 GARDNER AVENUE***	***SSW 1/4 - 1/2 (0.278 mi.)***	***217***	***938***
GALASSO TRUCKING; IN	***2 GALASSO PLACE***	***NNE 1/4 - 1/2 (0.281 mi.)***	***R218***	***940***
WASTE MANAGEMENT OF	1301 METROPOLITAN AV	SSW 1/4 - 1/2 (0.298 mi.)	221	947
BCF OIL REFINING, IN	***360 MASPETH AVENUE***	***WSW 1/4 - 1/2 (0.307 mi.)***	***S226***	***955***
AVALANCHE CONTRACTIN	46-26 METROPOLITAN A	S 1/4 - 1/2 (0.313 mi.)	T229	998
METRO AUTO SALVAGE	***4600 METROPOLITAN AV***	***S 1/4 - 1/2 (0.322 mi.)***	***T230***	***998***
T & T SCRAP LLC	***340 MASPETH AVENUE***	***WSW 1/4 - 1/2 (0.341 mi.)***	***S233***	***1009***
NEW YORK RECYCLERS;	340 MASPETH AVENUE	WSW 1/4 - 1/2 (0.341 mi.)	S234	1012
DEMOLITION TRANSFER	48-23 METOPOLITAN AV	SE 1/4 - 1/2 (0.359 mi.)	235	1013
AMBROSINO CONSTRUCTI	57-52 49TH PLACE	NE 1/4 - 1/2 (0.361 mi.)	U236	1014
EVANS CONTAINER CORP	1880 19 AVENUE	NE 1/4 - 1/2 (0.398 mi.)	U242	1025
BFI (598-636 SCHOLES	***598-636 SCHOLES STRE***	***S 1/4 - 1/2 (0.412 mi.)***	***W246***	***1057***
GADS INC	594 SCHOLES STREET	S 1/4 - 1/2 (0.413 mi.)	W248	1060
CASALINO INTERIOR DE	***213 MEADOW ST***	***SSW 1/4 - 1/2 (0.442 mi.)***	***252***	***1073***
K - GREENPOINT MGP -	***287 MASPETH AVENUE***	***WSW 1/4 - 1/2 (0.449 mi.)***	***Y259***	***1182***
UNIVERSAL USED AUTO	***1931 FLUSHING AVE***	***SSE 1/4 - 1/2 (0.469 mi.)***	***AB266***	***1211***
A & G USED AUTO PART	1937B FLUSHING AVENU	SSE 1/4 - 1/2 (0.472 mi.)	AB267	1215
A & G USED AUTO PART	1937 FLUSHING AVE	SSE 1/4 - 1/2 (0.472 mi.)	AB268	1217

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
EVANS CONTAINER CORP	NE CORNER OF 56 ST.&	NE 1/4 - 1/2 (0.478 mi.)	270	1219
WMNY VARICK 1 TRANSF	***215 VARICK AVENUE***	***SW 1/4 - 1/2 (0.483 mi.)***	***273***	***1249***

Lower Elevation	Address	Direction / Distance	Map ID	Page
M & C TRANSFER STATI	58-26 47 STREET	SSE 0 - 1/8 (0.024 mi.)	D165	615
CHARLES J KING INC	***1301 GRAND ST***	***SSW 1/8 - 1/4 (0.185 mi.)***	***197***	***832***

State and tribal leaking storage tank lists

NY LTANKS: Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills

A review of the NY LTANKS list, as provided by EDR, and dated 02/09/2021 has revealed that there are 40 NY LTANKS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DOS QUEENS 6 GARAGE	***52-35 58TH STREET***	***WNW 0 - 1/8 (0.009 mi.)***	***A157***	***576***
Spill Number/Closed Date: 9400179 / 2003-03-10				
Site ID: 128073				
Spill Date: 1994-04-05				
57-47 47TH STREET	***57-47 47TH ST***	***ESE 0 - 1/8 (0.028 mi.)***	***E167***	***623***
Spill Number/Closed Date: 8803169 / 1992-10-02				
Site ID: 195765				
Spill Date: 1988-07-12				
SPILL NUMBER 0007012	5703 48TH ST	ENE 0 - 1/8 (0.044 mi.)	B173	639
Spill Number/Closed Date: 0007012 / 2003-02-24				
Site ID: 64677				
Spill Date: 2000-09-14				
NYC SANITATION	58-02 48TH STREET	NNE 0 - 1/8 (0.103 mi.)	F179	664
Spill Number/Closed Date: 0903862 / 2011-01-07				
Site ID: 415994				
Spill Date: 2009-07-02				
NYC DEPT OF SANITATI	58-08 48TH ST	N 0 - 1/8 (0.105 mi.)	G181	668
Spill Number/Closed Date: 0905531 / 2009-08-19				
Site ID: 417798				
Spill Date: 2009-07-02				
NEW PENN MOTOR EXPRE	***58-60 PAGE PL***	***ESE 1/8 - 1/4 (0.236 mi.)***	***M205***	***881***
Spill Number/Closed Date: 9404838 / 2005-11-22				
Site ID: 138366				
Spill Date: 1994-07-08				
CCX RAILROAD	49-15 MASPETH AVE	NE 1/4 - 1/2 (0.254 mi.)	P211	900
Spill Number/Closed Date: 0009572 / 2006-03-06				
Site ID: 66893				
Spill Date: 2000-11-21				
COMMERCIAL	49-15 MASPETH AV	NE 1/4 - 1/2 (0.254 mi.)	P212	901

Spill Number/Closed Date: 9612083 / 2003-07-28
Site ID: 289220
Spill Date: 1995-05-26

DITMAS OIL ASSOCIATE ***364 MASPETH AVENUE*** ***WSW 1/4 - 1/2 (0.257 mi.)*** ***Q213*** ***902***
Spill Number/Closed Date: 0514281 / 2006-04-24
Site ID: 360969
Spill Date: 2006-03-14

CLOSED-LACKOF RECENT 1 RAILROAD PLACE ENE 1/4 - 1/2 (0.271 mi.) P215 936
Spill Number/Closed Date: 8910221 / 2003-03-04
Site ID: 228223
Spill Date: 1990-01-24

GALASSO TRUCKING; IN ***2 GALASSO PLACE*** ***NNE 1/4 - 1/2 (0.281 mi.)*** ***R218*** ***940***
Spill Number/Closed Date: 9713776 / 2004-04-08
Site ID: 297935
Spill Date: 1996-12-01

WALLACE PACKAGING CO 57-01 49TH ST NNE 1/4 - 1/2 (0.297 mi.) R220 944
Spill Number/Closed Date: 8710202 / 2003-09-03
Spill Number/Closed Date: 8904556 / 1991-03-25
Site ID: 255185
Site ID: 255186
Spill Date: 1988-03-05
Spill Date: 1989-08-07

49-40 MASPETH AVE/PR 49-40 MASPETH AVE/PR ENE 1/4 - 1/2 (0.301 mi.) 222 948
Spill Number/Closed Date: 9104393 / 1991-08-02
Site ID: 239473
Spill Date: 1991-07-23

BCF OIL REFINING, IN ***360 MASPETH AVENUE*** ***WSW 1/4 - 1/2 (0.307 mi.)*** ***S226*** ***955***
Spill Number/Closed Date: 9112627 / 2003-09-02
Spill Number/Closed Date: 9008251 / 2003-09-02
Site ID: 211456
Site ID: 80010
Spill Date: 1992-03-11
Spill Date: 1990-09-25

SUNSHINE BISCUITS IN ***1251 METROPOLITAN AV*** ***SSW 1/4 - 1/2 (0.336 mi.)*** ***232*** ***1005***
Spill Number/Closed Date: 8607890 / 1987-03-25
Site ID: 110767
Spill Date: 1987-03-24

MASPETH WAREHOUSE (C ***55-04 MASPETH AVE*** ***ENE 1/4 - 1/2 (0.366 mi.)*** ***237*** ***1015***
Spill Number/Closed Date: 0008225 / 2004-05-11
Site ID: 185868
Spill Date: 2000-10-12

47-40 METROPOLITAN A 47-40 METROPOLITAN A SSE 1/4 - 1/2 (0.389 mi.) 239 1020
Spill Number/Closed Date: 9502665 / 2000-07-21
Site ID: 330742
Spill Date: 1995-06-01

CLOSED-LACKOF RECENT 56071 49TH STREET NNE 1/4 - 1/2 (0.394 mi.) 241 1023
Spill Number/Closed Date: 8804417 / 2003-03-05
Site ID: 108870
Spill Date: 1988-08-19

QUEENS WEST 05/05A D ***58-74 54TH STREET*** ***ESE 1/4 - 1/2 (0.408 mi.)*** ***V244*** ***1026***
Spill Number/Closed Date: 9506719 / 2003-10-31

Site ID: 274136
Spill Date: 1995-08-31

ERM COMPANY | 58-74 54TH STREET | ESE 1/4 - 1/2 (0.408 mi.) | V245 | 1053
Spill Number/Closed Date: 0800657 / 2009-08-24
Site ID: 396445
Spill Date: 2008-04-16

55-04 MASPETH AVE/QU | 55-04 MASPETH AVENUE | ENE 1/4 - 1/2 (0.438 mi.) | 251 | 1071
Spill Number/Closed Date: 9012744 / 2002-03-14
Site ID: 288400
Spill Date: 1991-03-12

STAR CORRUGATED BOX | 55-15 GRAND AVE | E 1/4 - 1/2 (0.445 mi.) | X253 | 1074
Spill Number/Closed Date: 8801503 / 2018-04-16
Spill Number/Closed Date: 9313195 / 2001-09-10
Site ID: 299176
Site ID: 286720
Spill Date: 1988-05-18
Spill Date: 1994-02-07

APARTMENT BUILDING | 52-01 FLUSHING AVE | SE 1/4 - 1/2 (0.447 mi.) | 254 | 1105
Spill Number/Closed Date: 0507827 / 2006-06-26
Site ID: 353315
Spill Date: 2005-09-29

FEDEX | 300 MASPETH AVE | WSW 1/4 - 1/2 (0.449 mi.) | Y255 | 1106
Spill Number/Closed Date: 0204002 / 2005-12-22
Site ID: 291369
Spill Date: 2002-07-15

K - GREENPOINT MGP - | 287 MASPETH AVENUE | WSW 1/4 - 1/2 (0.449 mi.) | Y259 | 1182
Spill Number/Closed Date: 9009058 / 2003-03-04
Spill Number/Closed Date: 9211562 / 2007-02-06
Site ID: 118273
Site ID: 181619
Spill Date: 1990-11-16
Spill Date: 1993-01-07

PEPSI - TTF | 50-35 56TH RD | NE 1/4 - 1/2 (0.466 mi.) | 264 | 1209
Spill Number/Closed Date: 1215162 / 2014-08-25
Site ID: 478444
Spill Date: 2013-01-31

251 LOMBARDI ST | 251 LOMBARDI ST | NW 1/4 - 1/2 (0.468 mi.) | AA265 | 1210
Spill Number/Closed Date: 9804103 / 1999-01-19
Site ID: 239856
Spill Date: 1998-07-01

56-05 GRAND AVENUE | 56-05 GRAND AVENUE | E 1/4 - 1/2 (0.477 mi.) | X269 | 1218
Spill Number/Closed Date: 9404494 / 1995-10-23
Site ID: 230328
Spill Date: 1994-06-30

MANYA CORPORATION F. | 235 GARDNER AVENUE | NW 1/4 - 1/2 (0.479 mi.) | AA271 | 1219
Spill Number/Closed Date: 9002646 / 1992-10-02
Spill Number/Closed Date: 9909043 / 2005-10-07
Spill Number/Closed Date: 8808903 / 2004-07-06
Spill Number/Closed Date: 9405227 / 1994-07-17
Site ID: 296438
Site ID: 296439

Site ID: 251434
Site ID: 251435
Spill Date: 1990-06-06
Spill Date: 1999-10-25
Spill Date: 1989-02-14
Spill Date: 1994-07-17

METRO GAS INC.	***50-02 METROPOLITAN A***	***SE 1/4 - 1/2 (0.482 mi.)***	***272***	***1227***
Spill Number/Closed Date: 8801980 / 2017-11-29 Site ID: 242158 Spill Date: 1988-06-02				
18-51 FLUSHING AVE/Q	18-51 FLUSHING AVENU	SSE 1/4 - 1/2 (0.492 mi.)	AD276	1252
Spill Number/Closed Date: 9100841 / 2003-03-06 Site ID: 268451 Spill Date: 1991-04-22				
LEWIS FLUSHING CORP.	1819 FLUSHING AVENUE	S 1/4 - 1/2 (0.494 mi.)	277	1253
Spill Number/Closed Date: 8800833 / 1993-11-05 Site ID: 288930 Spill Date: 1988-04-27				
1884 FLUSHING AVENUE	***1884 FLUSHING AVENUE***	***SSE 1/4 - 1/2 (0.496 mi.)***	***AD278***	***1254***
Spill Number/Closed Date: 9307524 / 1995-03-31 Site ID: 71544 Spill Date: 1993-09-21				
SUPER TRUCK RENTAL C	***59-01 55TH ST***	***ESE 1/4 - 1/2 (0.497 mi.)***	***279***	***1257***
Spill Number/Closed Date: 0300078 / 2006-08-21 Site ID: 259427 Spill Date: 2003-04-02				

Lower Elevation	Address	Direction / Distance	Map ID	Page
ST. JOHN'S BERRY TRU	***55-90 47TH STREET***	***0 - 1/8 (0.000 mi.)***	***A94***	***396***
Spill Number/Closed Date: 8909238 / 2005-12-29 Site ID: 128781 Spill Date: 1989-12-20				
FDNY EMS HEADQUARTER	53-30 58TH STREET	W 0 - 1/8 (0.002 mi.)	A153	557
Spill Number/Closed Date: 0613583 / 2011-01-05 Site ID: 378640 Spill Date: 2007-03-19				
TRANSCON LINES TERMI	***430 MASPETH AVE***	***WSW 0 - 1/8 (0.058 mi.)***	***C174***	***640***
Spill Number/Closed Date: 9206929 / 1997-07-03 Site ID: 260707 Spill Date: 1992-09-09				
YRC BROOKLYN (187)	***1313 GRAND ST***	***SSW 1/8 - 1/4 (0.151 mi.)***	***J192***	***750***
Spill Number/Closed Date: 8708981 / 1992-10-07 Spill Number/Closed Date: 1004888 / 2013-02-22 Site ID: 170911 Site ID: 438179 Spill Date: 1988-01-21 Spill Date: 2010-07-30				
1213 GRAND STREET	***1213 GRAND STREET***	***SW 1/4 - 1/2 (0.303 mi.)***	***225***	***952***
Spill Number/Closed Date: 9807882 / 2002-05-15 Site ID: 290514 Spill Date: 1998-09-28				
CONSOLIDATED CARPET	1157 GRAND ST	SW 1/4 - 1/2 (0.385 mi.)	238	1018

Spill Number/Closed Date: 9511303 / 2006-02-07
Site ID: 193820
Spill Date: 1995-12-07

State and tribal registered storage tank lists

NY UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database

A review of the NY UST list, as provided by EDR, has revealed that there are 17 NY UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DSNY QUEENS DISTRICT Database: UST, Date of Government Version: 03/23/2021	48-01 58TH STREET	WNW 0 - 1/8 (0.009 mi.)	A155	560
PERFECT ART (OLD OWN Database: UST, Date of Government Version: 03/23/2021	58-29 48TH STREET	NE 0 - 1/8 (0.017 mi.)	B161	595
CANOVER INDASTIES , Database: UST, Date of Government Version: 03/23/2021	57-85 48TH ST	NE 0 - 1/8 (0.020 mi.)	B163	598
DSNY QUEENS DISTRICT Database: UST, Date of Government Version: 03/23/2021	58-02 48TH STREET	NE 0 - 1/8 (0.021 mi.)	B164	600
DAVIS & WARSHOW Database: UST, Date of Government Version: 03/23/2021	***57-22 49TH ST***	***NE 0 - 1/8 (0.026 mi.)***	***B166***	***616***
BORO TIMBER CO Database: UST, Date of Government Version: 03/23/2021	57-45 47TH STREET	SSE 0 - 1/8 (0.031 mi.)	D169	632
CIPICO CONSTRUCTION, Database: UST, Date of Government Version: 03/23/2021	58-08 48TH STREET	N 0 - 1/8 (0.105 mi.)	G180	665
ABF FREIGHT SYSTEM, Database: UST, Date of Government Version: 03/23/2021	414 MASPETH AVE	WSW 0 - 1/8 (0.111 mi.)	H184	678
HUB TRUCK RENTAL COR Database: UST, Date of Government Version: 03/23/2021	56-07 48TH STREET	NNE 1/8 - 1/4 (0.144 mi.)	I187	689
AVIS RENT A CAR SYST Database: UST, Date of Government Version: 03/23/2021	***48-05 GRAND AVE***	***SE 1/8 - 1/4 (0.156 mi.)***	***K195***	***796***
CANOVER INDUSTRIES, Database: UST, Date of Government Version: 03/23/2021	57-65 48TH STREET	NNE 1/8 - 1/4 (0.163 mi.)	I196	822
NEW PENN MOTOR EXPRE Database: UST, Date of Government Version: 03/23/2021	***58-60 PAGE PLACE***	***ESE 1/8 - 1/4 (0.236 mi.)***	***M204***	***870***
THE LERMAN COMPANY, Database: UST, Date of Government Version: 03/23/2021	58-38 PAGE PLACE	E 1/8 - 1/4 (0.247 mi.)	O209	893

Lower Elevation	Address	Direction / Distance	Map ID	Page
ROADWAY PACKAGE SYST Database: UST, Date of Government Version: 03/23/2021	***55-90 48TH ST***	***0 - 1/8 (0.000 mi.)***	***A75***	***291***
TRANSCON LINES TERMI Database: UST, Date of Government Version: 03/23/2021	***430 MASPETH AVE***	***WSW 0 - 1/8 (0.058 mi.)***	***C174***	***640***
ROADWAY EXPRESS INC Database: UST, Date of Government Version: 03/23/2021	1313 GRAND ST	SSW 1/8 - 1/4 (0.151 mi.)	J190	700

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHARLES J KING INC	***1301 GRAND ST***	***SSW 1/8 - 1/4 (0.185 mi.)***	***197***	***832***
Database: UST, Date of Government Version: 03/23/2021				

NY MOSF UST: Major Oil Storage Facilities Database. Facilities are licensed pursuant to Article 12 of the Navigation Law, 6 NYCRR Part 610 and 17 NYCRR Part 30. These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater. Includes MOSF's licensed or closed since April 1, 1986, (responsibility was transferred from DOT on October 13, 1985) plus available data obtained from DOT facilities licensed since Article 12 became law on April 1, 1978.

A review of the NY MOSF UST list, as provided by EDR, and dated 01/01/2002 has revealed that there are 2 NY MOSF UST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DITMAS OIL ASSOCIATE	***364 MASPETH AVENUE***	***WSW 1/4 - 1/2 (0.257 mi.)***	***Q214***	***920***
BCF OIL REFINING, IN	***360 MASPETH AVENUE***	***WSW 1/4 - 1/2 (0.307 mi.)***	***S226***	***955***

NY CBS: These facilities store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size

A review of the NY CBS list, as provided by EDR, and dated 03/23/2021 has revealed that there is 1 NY CBS site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GRAND AVENUE DEPOT &	***48-05 GRAND AVENUE***	***SE 1/8 - 1/4 (0.156 mi.)***	***K193***	***770***
Facility Status: Active				
CBS Number: 2-000410				

NY MOSF: These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

A review of the NY MOSF list, as provided by EDR, and dated 03/23/2021 has revealed that there are 3 NY MOSF sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DITMAS OIL ASSOCIATE	***364 MASPETH AVENUE***	***WSW 1/4 - 1/2 (0.257 mi.)***	***Q213***	***902***
Tank Status: Unregulated/Closed				
Facility Id: 2-1340				
BCF OIL REFINING, IN	***360 MASPETH AVENUE***	***WSW 1/4 - 1/2 (0.307 mi.)***	***S226***	***955***
Tank Status: Inactive				
Facility Id: 2-2600				
K - GREENPOINT MGP -	***287 MASPETH AVENUE***	***WSW 1/4 - 1/2 (0.449 mi.)***	***Y259***	***1182***
Tank Status: Unregulated/Closed				
Facility Id: 2-2340				

EXECUTIVE SUMMARY

NY AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database.

A review of the NY AST list, as provided by EDR, has revealed that there are 6 NY AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
57-47 47TH STREET	***57-47 47TH ST***	***ESE 0 - 1/8 (0.028 mi.)***	***E167***	***623***
Database: AST, Date of Government Version: 03/23/2021 Facility Id: 2-320943				
HUB TRUCK RENTAL COR	56-07 48TH STREET	NNE 1/8 - 1/4 (0.144 mi.)	I188	693
Database: AST, Date of Government Version: 03/23/2021 Facility Id: 2-480894				
AVIS RENT A CAR SYST	***48-05 GRAND AVE***	***SE 1/8 - 1/4 (0.156 mi.)***	***K195***	***796***
Database: AST, Date of Government Version: 03/23/2021 Facility Id: 2-364460				
ROCKMILLS STEEL PROD	49-00 GRAND AVENUE	SE 1/8 - 1/4 (0.212 mi.)	L199	850
Database: AST, Date of Government Version: 03/23/2021 Facility Id: 2-270350				
NEW PENN MOTOR EXPRE	***58-60 PAGE PLACE***	***ESE 1/8 - 1/4 (0.236 mi.)***	***M204***	***870***
Database: AST, Date of Government Version: 03/23/2021 Facility Id: 2-032069				

Lower Elevation	Address	Direction / Distance	Map ID	Page
EMPIRE TRANSIT MIX I	430 MASPETH AVENUE	WSW 0 - 1/8 (0.058 mi.)	C175	655
Database: AST, Date of Government Version: 03/23/2021 Facility Id: 2-609891				

NY MOSF AST: Major Oil Storage Facilities Database. Facilities are licensed pursuant to Article 12 of the Navigation Law, 6 NYCRR Part 610 and 17 NYCRR Part 30. These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater. Includes MOSF's licensed or closed since April 1, 1986, (responsibility was transferred from DOT on October 13, 1985) plus available data obtained from DOT facilities licensed since Article 12 became law on April 1, 1978.

A review of the NY MOSF AST list, as provided by EDR, and dated 01/01/2002 has revealed that there are 3 NY MOSF AST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DITMAS OIL ASSOCIATE	***364 MASPETH AVENUE***	***WSW 1/4 - 1/2 (0.257 mi.)***	***Q214***	***920***
Facility Status: 1 Facility Status: 1 Facility Status: 3				
BCF OIL REFINING, IN	***360 MASPETH AVENUE***	***WSW 1/4 - 1/2 (0.307 mi.)***	***S226***	***955***
Facility Status: 2 Facility Status: 1				
GREENPOINT ENERGY CT	***287 MASPETH AVE***	***WSW 1/4 - 1/2 (0.449 mi.)***	***Y256***	***1110***
Facility Status: 3 Facility Status: 3				

EXECUTIVE SUMMARY

State and tribal voluntary cleanup sites

NY VCP: Voluntary Cleanup Agreements. The voluntary remedial program uses private monies to get contaminated sites remediated to levels allowing for the sites' productive use. The program covers virtually any kind of site and contamination.

A review of the NY VCP list, as provided by EDR, has revealed that there are 2 NY VCP sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BCF, 360 MASPETH AVE Database: VCP, Date of Government Version: 02/09/2021 Site Code: 56908	360 MASPETH AVENUE,	WSW 1/4 - 1/2 (0.307 mi.)	S228	996
K - GREENPOINT MGP - Database: VCP, Date of Government Version: 02/09/2021 Site Code: 57149	***287 MASPETH AVENUE***	***WSW 1/4 - 1/2 (0.449 mi.)***	***Y259***	***1182***

State and tribal Brownfields sites

NY BROWNFIELDS: Brownfields Site List

A review of the NY BROWNFIELDS list, as provided by EDR, and dated 02/09/2021 has revealed that there is 1 NY BROWNFIELDS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
K - GREENPOINT MGP - Site Code: 57389	***287 MASPETH AVENUE***	***WSW 1/4 - 1/2 (0.449 mi.)***	***Y259***	***1182***

NY ERP: In an effort to spur the cleanup and redevelopment of brownfields, New Yorkers approved a $200 million Environmental Restoration or Brownfields Fund as part of the $1.75 billion Clean Water/Clean Air Bond Act of 1996 (1996 Bond Act). Enhancements to the program were enacted on October 7, 2003. Under the Environmental Restoration Program, the State provides grants to municipalities to reimburse up to 90 percent of on-site eligible costs and 100% of off-site eligible costs for site investigation and remediation activities. Once remediated, the property may then be reused for commercial, industrial, residential or public use.

A review of the NY ERP list, as provided by EDR, and dated 02/09/2021 has revealed that there is 1 NY ERP site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MASPETH PROJECT Site Code: 57276	57-15 49TH STREET	NNE 1/4 - 1/2 (0.295 mi.)	R219	943

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

Registered Recycling Facility List from the Department of Environmental Conservation.

A review of the NY SWRCY list, as provided by EDR, and dated 12/31/2020 has revealed that there are 12 NY SWRCY sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GPB WASTE NY DBA NY/	58-35 47TH STREET	SSE 0 - 1/8 (0.060 mi.)	D177	661
NMS WASTE PAPER	***58-35 47TH STREET***	***SSE 0 - 1/8 (0.060 mi.)***	***D178***	***662***
GALASSO TRUCKING; IN	***2 GALASSO PLACE***	***NNE 1/4 - 1/2 (0.281 mi.)***	***R218***	***940***
COTOIA ENTERPRISES	46-26 METROPOLITAN A	S 1/4 - 1/2 (0.324 mi.)	231	1004
EMPIRE STATE CARDBOA	***3 RAILROAD PLACE***	***NE 1/4 - 1/2 (0.393 mi.)***	***240***	***1021***
BASIN HAULAGE INC.	58-94 54TH STREET	ESE 1/4 - 1/2 (0.403 mi.)	V243	1025
BFI (598-636 SCHOLES	***598-636 SCHOLES STRE***	***S 1/4 - 1/2 (0.412 mi.)***	***W246***	***1057***
ALLOCCO RECYCLING LT	***575 SCHOLES STREET***	***S 1/4 - 1/2 (0.413 mi.)***	***W247***	***1058***
ALLOCCO RECYCLING (6	606 MESEROLE STREET	S 1/4 - 1/2 (0.485 mi.)	AC274	1250
MESEROLE STREET RECY	568 MESEROLE STREET	S 1/4 - 1/2 (0.488 mi.)	AC275	1251

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHARLES J KING INC	***1301 GRAND ST***	***SSW 1/8 - 1/4 (0.185 mi.)***	***197***	***832***
FILIBERTO RECYCLING;	57-48 49 STREET	NNE 1/4 - 1/2 (0.274 mi.)	R216	938

Records of Emergency Release Reports

HMIRS: The Hazardous Materials Incident Report System contains hazardous material spill incidents reported to the Department of Transportation. The source of this database is the U.S. EPA.

A review of the HMIRS list, as provided by EDR, and dated 03/22/2021 has revealed that there are 136 HMIRS sites within approximately 0.001 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A12	34
Not reported	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A91	390
Not reported	55-59 47TH ST	0 - 1/8 (0.000 mi.)	A106	424

Lower Elevation	Address	Direction / Distance	Map ID	Page
55-90 47TH ST System ID:: 420400	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A10	25
55-90 47 TH ST	55-90 47 TH ST	0 - 1/8 (0.000 mi.)	A11	26
55-90 47 TH ST System ID:: 412967	55-90 47 TH ST	0 - 1/8 (0.000 mi.)	A13	36
55-90 47 TH ST	55-90 47 TH ST	0 - 1/8 (0.000 mi.)	A14	37
55-90 47 TH ST System ID:: 422634	55-90 47 TH ST	0 - 1/8 (0.000 mi.)	A16	42
55-90 47TH ST	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A17	44
Not reported	55-90 47TH STREET	0 - 1/8 (0.000 mi.)	A18	48
55-90 47TH STREET	55-90 47TH STREET	0 - 1/8 (0.000 mi.)	A19	50

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	55-90 47TH STREET	0 - 1/8 (0.000 mi.)	A20	54
55-90 47 TH ST	55-90 47 TH ST	0 - 1/8 (0.000 mi.)	A21	56
Not reported	55-90 47TH STREET	0 - 1/8 (0.000 mi.)	A22	60
55-90 47TH ST	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A23	62
55-90 47 TH ST System ID:: 430240	55-90 47 TH ST	0 - 1/8 (0.000 mi.)	A24	65
55-90 47 TH ST System ID:: 428904	55-90 47 TH ST	0 - 1/8 (0.000 mi.)	A25	87
Not reported	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A26	109
Not reported	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A27	111
55-90 47TH STREET	55-90 47TH STREET	0 - 1/8 (0.000 mi.)	A28	113
55-90 47 TH ST	55-90 47 TH ST	0 - 1/8 (0.000 mi.)	A29	116
Not reported	55-90 47TH STREET	0 - 1/8 (0.000 mi.)	A30	120
Not reported	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A31	122
55-90 47TH ST System ID:: 410759	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A32	124
55-90 47TH STREET	55-90 47TH STREET	0 - 1/8 (0.000 mi.)	A33	126
Not reported	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A35	132
Not reported	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A36	133
55-90 47TH STREET	55-90 47TH STREET	0 - 1/8 (0.000 mi.)	A37	135
55-90 47TH STREET	55-90 47TH STREET	0 - 1/8 (0.000 mi.)	A38	139
55-90 47 TH ST System ID:: 437185	55-90 47 TH ST	0 - 1/8 (0.000 mi.)	A39	143
55-90 47TH STREET System ID:: 5318	55-90 47TH STREET	0 - 1/8 (0.000 mi.)	A40	165
55-90 47 TH ST System ID:: 432728	55-90 47 TH ST	0 - 1/8 (0.000 mi.)	A41	166
55-90 47TH AVE System ID:: 399594	55-90 47TH AVE	0 - 1/8 (0.000 mi.)	A42	188
55-90 47 TH ST System ID:: 431153	55-90 47 TH ST	0 - 1/8 (0.000 mi.)	A43	189
Not reported	55-90 47TH STREET	0 - 1/8 (0.000 mi.)	A44	211
Not reported	55-90 47TH	0 - 1/8 (0.000 mi.)	A45	214
55-90 47TH ST System ID:: 456337	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A46	216
Not reported	55-90 47TH	0 - 1/8 (0.000 mi.)	A47	219
Not reported	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A48	222
Not reported	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A49	224
Not reported	55-90 47TH STREET	0 - 1/8 (0.000 mi.)	A50	226
55-90 47TH ST System ID:: 410965	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A51	229
55-90 47TH ST System ID:: 457181	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A52	231
Not reported	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A53	234
55-90 47 TH STREET	55-90 47 TH STREET	0 - 1/8 (0.000 mi.)	A54	236
55-90 47TH STREET System ID:: 807	55-90 47TH STREET	0 - 1/8 (0.000 mi.)	A55	240
Not reported	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A56	241
55-90 47 TH ST	55-90 47 TH ST	0 - 1/8 (0.000 mi.)	A57	243
55-90 47TH ST	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A58	247
55-90 47TH ST	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A59	251

System ID:: 411173				
Not reported	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A60	252
55 -90 47TH ST	55 -90 47TH ST	0 - 1/8 (0.000 mi.)	A61	254
System ID:: 408196				
55-90 47TH STREET	55-90 47TH STREET	0 - 1/8 (0.000 mi.)	A62	256
55-90 47TH STREET	55-90 47TH STREET	0 - 1/8 (0.000 mi.)	A63	260
55-90 47TH ST	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A64	264
55-90 47TH ST	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A65	267
55-90 47TH ST	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A66	271
Not reported	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A67	275
55-90 47TH STREET	55-90 47TH STREET	0 - 1/8 (0.000 mi.)	A68	277
System ID:: 418483				
Not reported	55-90 47TH STREET	0 - 1/8 (0.000 mi.)	A69	278
55-90 47 TH STREET	55-90 47 TH STREET	0 - 1/8 (0.000 mi.)	A70	281
System ID:: 454351				
55-90 47TH STREET	55-90 47TH STREET	0 - 1/8 (0.000 mi.)	A71	285
System ID:: 393180				
Not reported	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A72	286
Not reported	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A73	288
55-90 47TH STREET	55-90 47TH STREET	0 - 1/8 (0.000 mi.)	A74	289
System ID:: 4907				
55-90 47TH ST	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A76	313
System ID:: 409921				
55-90 47 TH ST	55-90 47 TH ST	0 - 1/8 (0.000 mi.)	A77	314
System ID:: 451721				
55-90 47TH ST	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A78	318
55-90 47 TH ST	55-90 47 TH ST	0 - 1/8 (0.000 mi.)	A79	321
Not reported	55-90 47TH	0 - 1/8 (0.000 mi.)	A80	325
Not reported	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A81	328
Not reported	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A82	330
Not reported	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A83	331
Not reported	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A84	334
Not reported	55-90 47TH STREET	0 - 1/8 (0.000 mi.)	A85	335
55-90 47 TH ST	55-90 47 TH ST	0 - 1/8 (0.000 mi.)	A86	337
System ID:: 436072				
55-90 47 TH ST	55-90 47 TH ST	0 - 1/8 (0.000 mi.)	A87	359
System ID:: 436085				
Not reported	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A88	381
55-90 47 TH ST	55-90 47 TH ST	0 - 1/8 (0.000 mi.)	A89	382
System ID:: 451776				
55-90 47 TH ST	55-90 47 TH ST	0 - 1/8 (0.000 mi.)	A90	386
55-90 47TH ST	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A92	392
System ID:: 410734				
Not reported	55-90 47TH STREET	0 - 1/8 (0.000 mi.)	A93	393
55-90 47TH ST	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A95	398
System ID:: 409923				
55-90 47TH ST	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A96	400
55-90 47TH STREET	55-90 47TH STREET	0 - 1/8 (0.000 mi.)	A97	404
System ID:: 397031				
55-90 47 TH ST	55-90 47 TH ST	0 - 1/8 (0.000 mi.)	A98	405

System ID:: 455432				
Not reported	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A99	409
Not reported	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A100	412
Not reported	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A101	414
Not reported	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A102	416
Not reported	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A103	418
Not reported	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A104	421
55-90 47TH STREET	55-90 47TH STREET	0 - 1/8 (0.000 mi.)	A105	423
System ID:: 392467				
Not reported	55-90 47TH STREET	0 - 1/8 (0.000 mi.)	A107	426
55-90 47TH ST	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A108	428
Not reported	55-90 47TH STREET	0 - 1/8 (0.000 mi.)	A109	432
Not reported	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A110	434
Not reported	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A111	437
Not reported	55-90 47TH STREET	0 - 1/8 (0.000 mi.)	A112	439
Not reported	55-90 47TH	0 - 1/8 (0.000 mi.)	A113	442
Not reported	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A114	444
Not reported	55-90 47TH STREET	0 - 1/8 (0.000 mi.)	A115	446
55-90 47TH ST	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A116	449
System ID:: 399595				
Not reported	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A117	450
Not reported	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A118	452
55-90 47TH ST	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A119	454
System ID:: 444621				
Not reported	55-90 47TH STREET	0 - 1/8 (0.000 mi.)	A120	456
Not reported	55-90 47TH STREET	0 - 1/8 (0.000 mi.)	A121	459
Not reported	55-90 47TH STRRET	0 - 1/8 (0.000 mi.)	A122	461
55-90 47TH STREET	55-90 47TH STREET	0 - 1/8 (0.000 mi.)	A123	463
Not reported	55-90 47TH STREET	0 - 1/8 (0.000 mi.)	A124	466
55-90 47TH ST	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A125	468
Not reported	55-90 47TH STREET	0 - 1/8 (0.000 mi.)	A126	472
55-90 47 TH ST	55-90 47 TH ST	0 - 1/8 (0.000 mi.)	A127	475
System ID:: 438741				
Not reported	55-90 47TH STREET	0 - 1/8 (0.000 mi.)	A128	497
Not reported	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A130	502
Not reported	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A131	503
55-90 47TH ST	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A132	506
System ID:: 421950				
5590 47TH STREET	5590 47TH STREET	0 - 1/8 (0.000 mi.)	A133	508
55-90 47TH ST	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A134	512
System ID:: 398828				
55-90 47TH ST	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A135	513
System ID:: 456333				
Not reported	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A136	517
55-90 47TH ST	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A137	519
Not reported	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A138	522
Not reported	55-90 47TH STREET	0 - 1/8 (0.000 mi.)	A139	525
55-90 47TH	55-90 47TH	0 - 1/8 (0.000 mi.)	A141	528
System ID:: 395965				
55 - 90 47TH ST	55 - 90 47TH ST	0 - 1/8 (0.000 mi.)	A142	529
System ID:: 401167				
Not reported	55-90 47TH STREET	0 - 1/8 (0.000 mi.)	A143	531
55-90 47 TH ST	55-90 47 TH ST	0 - 1/8 (0.000 mi.)	A144	533

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A145	536
55-90 47TH ST	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A146	538
System ID:: 406353				
55-90 47TH ST	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A147	540
55-90 47 TH ST	55-90 47 TH ST	0 - 1/8 (0.000 mi.)	A148	544
System ID:: 449925				
55-90 47TH ST	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A149	547
Not reported	55-90 47TH STREET	0 - 1/8 (0.000 mi.)	A150	551
Not reported	55-90 47TH ST	0 - 1/8 (0.000 mi.)	A151	553

NY Spills: Data collected on spills reported to NYSDEC. is required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

A review of the NY Spills list, as provided by EDR, and dated 02/09/2021 has revealed that there are 18 NY Spills sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NYC DOS QUEENS 5	48-01 58 ROAD	WNW 0 - 1/8 (0.009 mi.)	A154	559
Spill Number/Closed Date: 0713159 / 2014-06-03				
Site ID: 394870				
Spill Date: 2008-03-13				
QUEENS DISTRICT 5/5A	***48-01 58TH RD***	***WNW 0 - 1/8 (0.009 mi.)***	***A156***	***573***
Spill Number/Closed Date: 9801377 / 2003-11-03				
Spill Number/Closed Date: 1001456 / 2015-02-06				
Site ID: 163087				
Site ID: 434511				
Spill Date: 1998-05-01				
Spill Date: 2010-04-23				
DOS QUEENS 6 GARAGE	***52-35 58TH STREET***	***WNW 0 - 1/8 (0.009 mi.)***	***A157***	***576***
Spill Number/Closed Date: 9900878 / 2019-11-04				
Spill Number/Closed Date: 0304626 / 2003-11-17				
Spill Number/Closed Date: 9513871 / 2005-01-14				
Site ID: 128075				
Site ID: 128071				
Site ID: 128074				
Spill Date: 1999-04-23				
Spill Date: 2003-08-01				
Spill Date: 1996-01-31				
QUEENS 5	58-05 58 RD	NNW 0 - 1/8 (0.009 mi.)	A160	591
Spill Number/Closed Date: 1203897 / 2015-03-17				
Site ID: 466745				
Spill Date: 2012-07-20				
57-47 47TH STREET	***57-47 47TH ST***	***ESE 0 - 1/8 (0.028 mi.)***	***E167***	***623***
Spill Number/Closed Date: 9709898 / 1997-11-25				
Site ID: 98230				
Spill Date: 1997-11-25				
BORO TIMBER CO	57-45 47TH ST	SSE 0 - 1/8 (0.031 mi.)	D170	635
Spill Number/Closed Date: 9714130 / 2006-07-12				

Site ID: 168086
Spill Date: 1996-07-01

TEMO SALES — 57-03 48TH ST — ENE 0 - 1/8 (0.033 mi.) — B171 — 637
Spill Number/Closed Date: 0007036 / 2005-11-28
Site ID: 214580
Spill Date: 2000-09-14

POLE 92057 — 57-03 48TH ST — ENE 0 - 1/8 (0.044 mi.) — B172 — 638
Spill Number/Closed Date: 0012910 / 2003-06-24
Site ID: 214581
Spill Date: 2001-03-08

NMS WASTE PAPER — ***58-35 47TH STREET*** — ***SSE 0 - 1/8 (0.060 mi.)*** — ***D178*** — ***662***
Spill Number/Closed Date: 0404192 / 2005-01-31
Site ID: 282212
Spill Date: 2004-07-19

ABF FREIGHT SYSTEM I — ***414 MASPETH AVE*** — ***WSW 0 - 1/8 (0.111 mi.)*** — ***H183*** — ***670***
Spill Number/Closed Date: 9611489 / 2015-12-14
Spill Number/Closed Date: 9307925 / 1993-09-28
Spill Number/Closed Date: 2009179 / Not Reported
Site ID: 120167
Site ID: 331365
Site ID: 616161
Spill Date: 1996-12-18
Spill Date: 1993-09-29
Spill Date: 2021-02-01

S AND S WAREHOUSE — 57-10 49TH PL — ENE 0 - 1/8 (0.121 mi.) — 185 — 686
Spill Number/Closed Date: 0307208 / 2003-12-16
Site ID: 327829
Spill Date: 2003-10-08

DAVID AND WARSAOW — 57-02 48TH ST — N 0 - 1/8 (0.121 mi.) — F186 — 687
Spill Number/Closed Date: 0009357 / 2000-11-14
Spill Number/Closed Date: 0708746 / 2007-11-28
Site ID: 297031
Site ID: 389697
Spill Date: 2000-10-05
Spill Date: 2007-11-12

Lower Elevation	Address	Direction / Distance	Map ID	Page

ISLAND TRANSPORTATIO — 47TH ST — 0 - 1/8 (0.000 mi.) — 15 — 41
Spill Number/Closed Date: 9709690 / 1998-01-08
Site ID: 82008
Spill Date: 1997-11-14

IN YARD — 55-70 47TH STREET — 0 - 1/8 (0.000 mi.) — A34 — 129
Spill Number/Closed Date: 1709555 / 2018-09-26
Site ID: 566004
Spill Date: 2018-01-18

ST. JOHN'S BERRY TRU — ***55-90 47TH STREET*** — ***0 - 1/8 (0.000 mi.)*** — ***A94*** — ***396***
Spill Number/Closed Date: 8906900 / 1990-01-02
Site ID: 128780
Spill Date: 1989-10-12

C B L TRUCKING — ***55-80 47TH STREET*** — ***0 - 1/8 (0.000 mi.)*** — ***A129*** — ***499***
Spill Number/Closed Date: 9210787 / 1992-12-17

Site ID: 69495 Spill Date: 1992-12-17				
EMS SUPPORT BLDG Spill Number/Closed Date: 0802696 / 2008-08-13 Site ID: 398859 Spill Date: 2008-05-29	53-30 58TH STRET	W 0 - 1/8 (0.002 mi.)	A152	555
SPILL NUMBER 9608406 Spill Number/Closed Date: 9608406 / 1997-12-31 Site ID: 212615 Spill Date: 1996-10-07	MASPETH AVE & NEWTON	W 0 - 1/8 (0.020 mi.)	C162	597

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/22/2021 has revealed that there are 15 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NYC DEPT SANITATION EPA ID:: NYR000076083	***52-35 58TH ST***	***WNW 0 - 1/8 (0.009 mi.)***	***A158***	***585***
DAVIS & WARSHOW EPA ID:: NYD005907621	***57-22 49TH ST***	***NE 0 - 1/8 (0.026 mi.)***	***B166***	***616***
BEST FOODS BAKING GR EPA ID:: NYD986884419	***56-07 48TH ST***	***NNE 1/8 - 1/4 (0.144 mi.)***	***I189***	***696***
AVIS RENT A CAR SYST EPA ID:: NYD986976058	***48-05 GRAND AVE***	***SE 1/8 - 1/4 (0.156 mi.)***	***K195***	***796***
CANOVER INDUSTRIES I EPA ID:: NYD001903475	***48TH ST & MASPETH AV***	***NNE 1/8 - 1/4 (0.197 mi.)***	***198***	***845***
Z R ENTERPRISES INC EPA ID:: NYD987014164	***4710 GRAND AVE***	***SE 1/8 - 1/4 (0.218 mi.)***	***201***	***855***
LARSTAN PROCESSING C EPA ID:: NYD001512847	***48-85 MASPETH AVE***	***NE 1/8 - 1/4 (0.218 mi.)***	***202***	***858***
CON EDISON MANHOLE 2 EPA ID:: NYP004245627	***PAGE PL & GRAND AVE***	***ESE 1/8 - 1/4 (0.242 mi.)***	***N206***	***886***
CON EDISON FLUSH EPA ID:: NYP004195624	***PAGE PL & GRAND AVE***	***ESE 1/8 - 1/4 (0.242 mi.)***	***N208***	***890***
MANUSCREENS EPA ID:: NYD086060530	***5838 PAGE PL***	***E 1/8 - 1/4 (0.247 mi.)***	***O210***	***895***

Lower Elevation	Address	Direction / Distance	Map ID	Page
ROADWAY PACKAGE SYST EPA ID:: NYD047673892	***55-90 48TH ST***	***0 - 1/8 (0.000 mi.)***	***A75***	***291***
TRANSCON LINES TERMI	***430 MASPETH AVE***	***WSW 0 - 1/8 (0.058 mi.)***	***C174***	***640***

EPA ID:: NYD986995512				
EMPIRE TRANSIT MIX I	***430 MASPETH AVE***	***WSW 0 - 1/8 (0.058 mi.)***	***C176***	***657***
EPA ID:: NYN008015661				
CHARLES J KING INC	***1301 GRAND ST***	***SSW 1/8 - 1/4 (0.185 mi.)***	***197***	***832***
EPA ID:: NYD012573648				
EXXON CO USA-MASPETH	***4673 METROPOLITAN AV***	***S 1/8 - 1/4 (0.226 mi.)***	***203***	***864***
EPA ID:: NYD000705970				

ROD: Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid the cleanup.

A review of the ROD list, as provided by EDR, and dated 04/27/2021 has revealed that there is 1 ROD site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
NEWTOWN CREEK SUPERF	***NEWTOWN CRK - N LAT***	***SW 1/4 - 1/2 (0.436 mi.)***	***250***	***1063***

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 02/03/2021 has revealed that there is 1 FINDS site within approximately 0.001 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DICKARD WIDDER IND-5	56/02 MASPETH AVENUE	0 - 1/8 (0.000 mi.)	A140	527
Registry ID:: 110019301726				

NY HSWDS: The List includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-registry sites that U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared. Hazardous Substance Waste Disposal Sites are eligible to be Superfund sites now that the New York State Superfund has been refinanced and changed. This means that the study inventory has served its purpose and will no longer be maintained as a separate entity The latest version of the study is frozen in time. The sites on the study will not automatically be made superfund sites, rather each site will be further evaluated for listing in the registry. So overtime they will be added to the registry or not.

A review of the NY HSWDS list, as provided by EDR, and dated 01/01/2003 has revealed that there are 5 NY HSWDS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TANKS-A-LOT COMPANY	362 MASPETH AVENUE	WSW 1/4 - 1/2 (0.303 mi.)	Q223	949
LOMBARDY STREET LAND	295 LOMBARDY STREET	NW 1/4 - 1/2 (0.430 mi.)	249	1061
GREENPOINT ENERGY CT	***287 MASPETH AVE***	***WSW 1/4 - 1/2 (0.449 mi.)***	***Y256***	***1110***

Facility Id: HS2012

BUG, MASPETH GATE ST	285 MASPETH AVENUE	WSW 1/4 - 1/2 (0.452 mi.)	Y261	1205
BUG, VARICK GATE STA	438 VARICK AVENUE	W 1/4 - 1/2 (0.458 mi.)	Z262	1206

NY MANIFEST: Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

A review of the NY MANIFEST list, as provided by EDR, and dated 01/01/2019 has revealed that there are 14 NY MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NYC DEPT SANITATION EPA ID: NYR000076083	***52-35 58TH ST***	***WNW 0 - 1/8 (0.009 mi.)***	***A158***	***585***
DAVIS & WARSHOW EPA ID: NYD005907621	***57-22 49TH ST***	***NE 0 - 1/8 (0.026 mi.)***	***B166***	***616***
AT LITE EPA ID: NYR000049809	***57-47 47TH ST***	***ESE 0 - 1/8 (0.028 mi.)***	***E168***	***627***
ABF FREIGHT SYSTEM I EPA ID: NYP000955278	***414 MASPETH AVE***	***WSW 0 - 1/8 (0.111 mi.)***	***H183***	***670***
NYCT GRAND AVENUE BU EPA ID: NYD981567423	***48-05 GRAND AVE***	***SE 1/8 - 1/4 (0.156 mi.)***	***K194***	***775***
CANOVER INDUSTRIES I EPA ID: NYD001903475	***48TH ST & MASPETH AV***	***NNE 1/8 - 1/4 (0.197 mi.)***	***198***	***845***
LARSTAN PROCESSING C EPA ID: NYD001512847	***48-85 MASPETH AVE***	***NE 1/8 - 1/4 (0.218 mi.)***	***202***	***858***
NYNEX EPA ID: NYP000915223	PAGE PL & GRAND AVE	ESE 1/8 - 1/4 (0.242 mi.)	N207	889
MANUSCREENS EPA ID: NYD086060530	***5838 PAGE PL***	***E 1/8 - 1/4 (0.247 mi.)***	***O210***	***895***

Lower Elevation	Address	Direction / Distance	Map ID	Page
ROADWAY PACKAGE SYST EPA ID: NYD047673892	***55-90 48TH ST***	***0 - 1/8 (0.000 mi.)***	***A75***	***291***
C B L TRUCKING EPA ID: NYP000900100	***55-80 47TH STREET***	***0 - 1/8 (0.000 mi.)***	***A129***	***499***
TRANSCON LINES TERMI EPA ID: NYD986995512	***430 MASPETH AVE***	***WSW 0 - 1/8 (0.058 mi.)***	***C174***	***640***
YRC BROOKLYN (187) EPA ID: NYD095769782	***1313 GRAND ST***	***SSW 1/8 - 1/4 (0.151 mi.)***	***J192***	***750***
EXXON CO USA-MASPETH EPA ID: NYD000705970	***4673 METROPOLITAN AV***	***S 1/8 - 1/4 (0.226 mi.)***	***203***	***864***

NJ MANIFEST: Hazardous waste manifest information.

A review of the NJ MANIFEST list, as provided by EDR, and dated 12/31/2018 has revealed that there are 2 NJ MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NYC DEPT SANITATION EPA Id: NYR000076083	52-35 58TH ST	WNW 0 - 1/8 (0.009 mi.)	A159	590

Lower Elevation	Address	Direction / Distance	Map ID	Page
ROADWAY EXPRESS EPA Id: NYD095769782	1313 GRAND STREET	SSW 1/8 - 1/4 (0.151 mi.)	J191	744

NY SPDES: New York State has a state program which has been approved by the United States Environmental Protection Agency for the control of wastewater and stormwater discharges in accordance with the Clean Water Act. Under New York State law the program is known as the State Pollutant Discharge Elimination System (SPDES) and is broader in scope than that required by the Clean Water Act in that it controls point source discharges to groundwaters as well as surface waters.

A review of the NY SPDES list, as provided by EDR, and dated 02/11/2021 has revealed that there is 1 NY SPDES site within approximately 0.001 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ROADWAY PACKAGE SYST Limit Set Status Flag: A Permit Number: NYR00B951	***55-90 48TH ST***	***0 - 1/8 (0.000 mi.)***	***A75***	***291***

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

A review of the EDR MGP list, as provided by EDR, has revealed that there are 3 EDR MGP sites within approximately 1 mile of the target property.

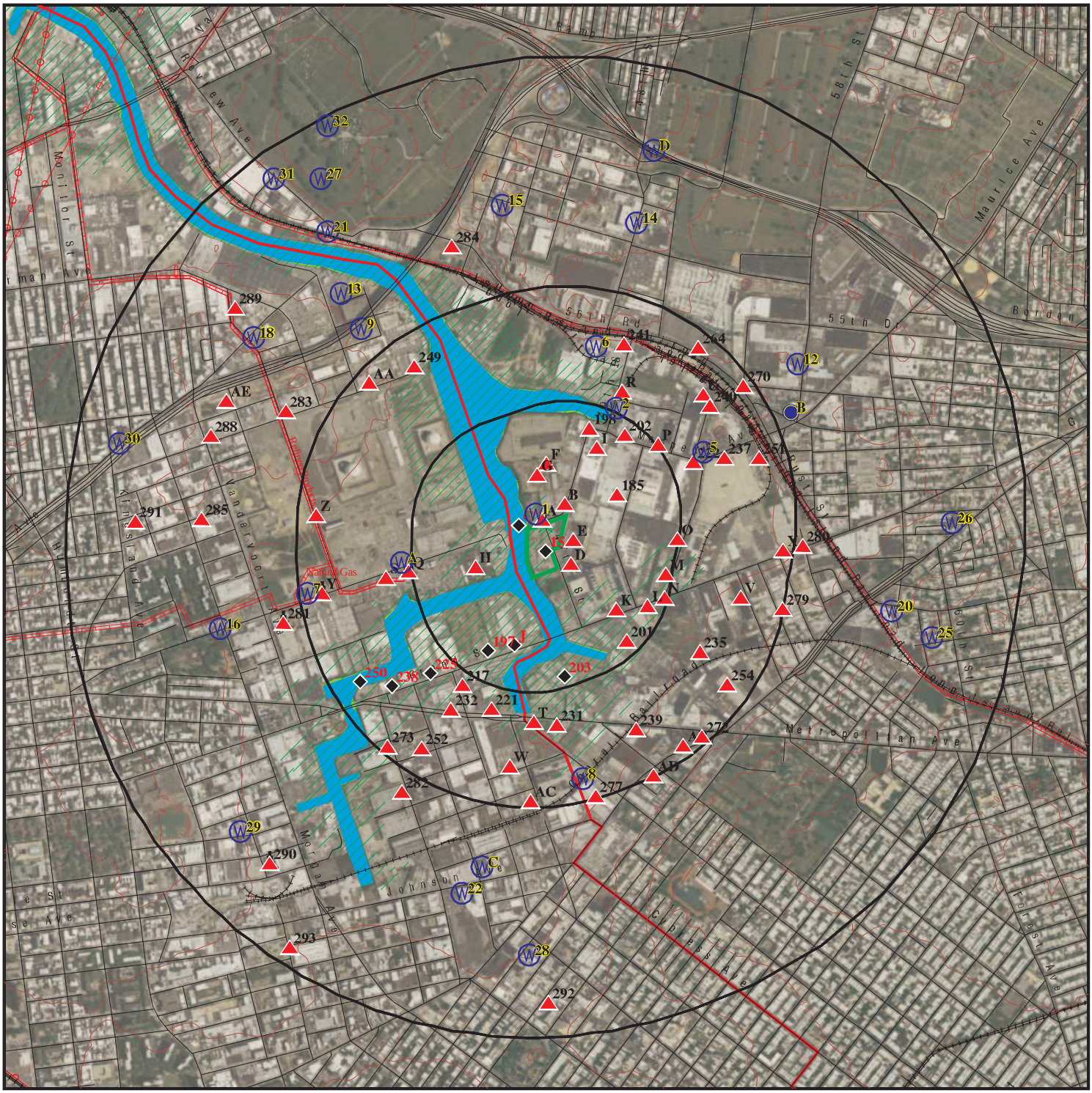
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GREENPOINT	287 MASPETH AVENUE	WSW 1/4 - 1/2 (0.449 mi.)	Y257	1181
EQUITY WORKS	MASPETH AND VANDERVO	WSW 1/2 - 1 (0.544 mi.)	281	1266
SCHOLES ST. STATION	SCHOLES ST 7 BOGART	SW 1/2 - 1 (0.842 mi.)	290	1396

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 16 records.

Site Name	Database(s)
INGRAHAM STREET SIDEWALK GW	NY SHWS
NORTH OF CORNISH KNIT GOODS	NY SHWS
JONES MOTORS	NY SHWS
MEEKER AVENUE PLUME TRACKDOWN	NY SHWS
MORGAN OIL TERMINAL	NY SHWS
K - SCHOLES ST. STATION	NY SHWS, NY BROWNFIELDS
34TH AVE. & 62ND ST. PLUME	NY SHWS
PURVES STREET GROUNDWATER	NY SHWS
QUEENS WEST - SOUTH	NY SHWS
OUTLET CITY	NY SHWS
WOLFF-ALPORT CHEMICAL COMPANY	NY SHWS
JONES MOTOR SITE	SEMS-ARCHIVE
EAST FLATBUSH/PAERDEGAT AVE	NY SWF/LF
A&G USED AUTO PART D/B/A PARTS ARE	NY SWF/LF
EQUITY WORKS	NY VCP
SCHOLES ST. STATION	NY VCP

OVERVIEW MAP - 6545368.1S



SITE NAME:	47th Street - Maspeth	CLIENT:	Langan Engineering, Inc.
ADDRESS:	57-00, 57-05, 57-57, and 58-20 47th Street Maspeth NY 11378	CONTACT:	Lucy Bevan
LAT/LONG:	40.72004 / 73.923068	INQUIRY #:	6545368.1s
		DATE:	June 21, 2021 2:49 pm

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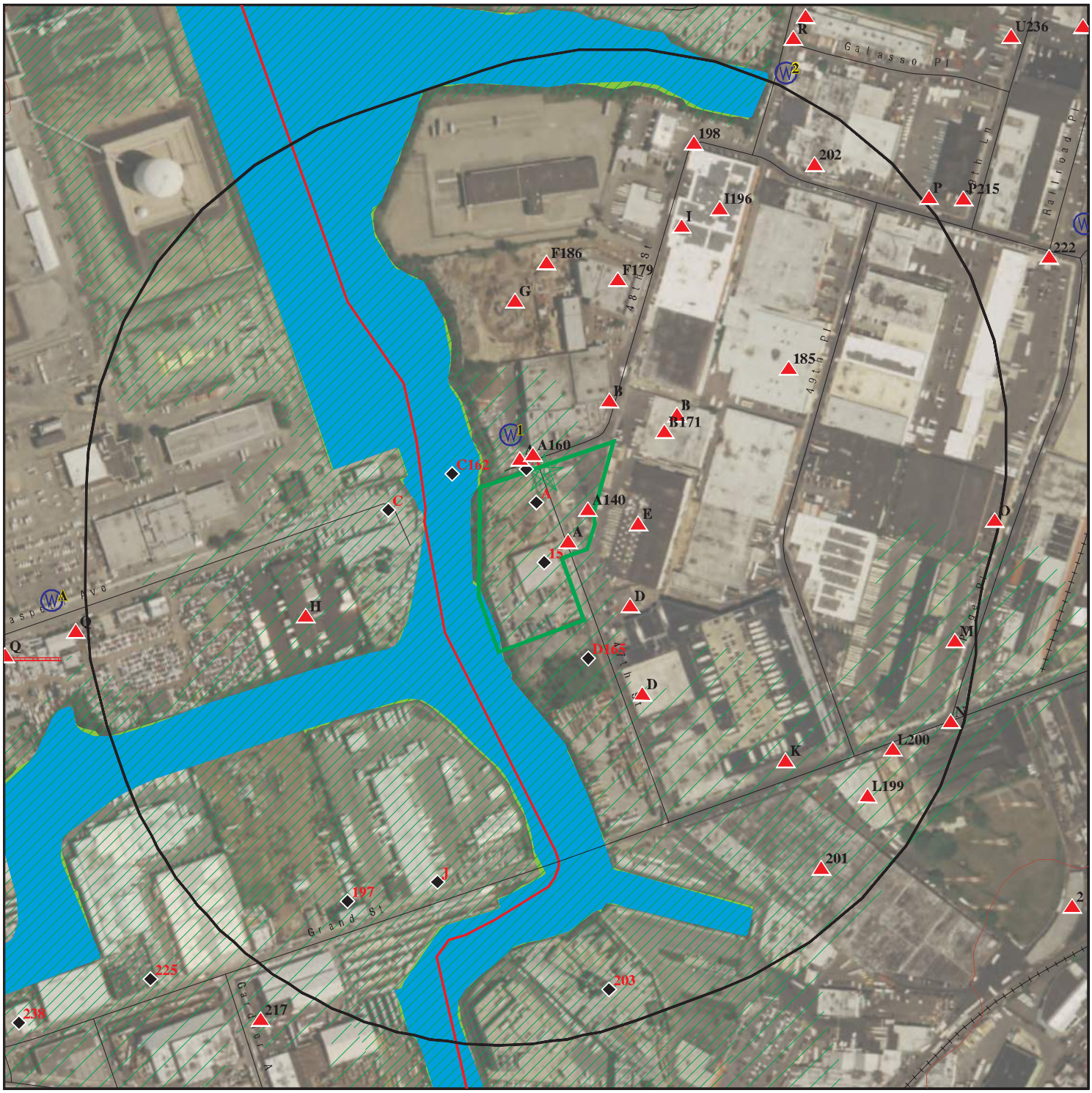
DETAIL MAP - 6545368.1S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

County Boundary

Pipelines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	47th Street - Maspeth	CLIENT:	Langan Engineering, Inc.
ADDRESS:	57-00, 57-05, 57-57, and 58-20 47th Street Maspeth NY 11378	CONTACT:	Lucy Bevan
LAT/LONG:	40.72004 / 73.923068	INQUIRY #:	6545368.1s
		DATE:	June 21, 2021 2:53 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	1	0	NR	1
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	2	NR	NR	2
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	4	NR	NR	4
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	1	NR	NR	NR	1
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		1	1	NR	NR	NR	2
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
State- and tribal - equivalent CERCLIS								
NY SHWS	1.000		0	0	2	12	NR	14
State and tribal landfill and/or solid waste disposal site lists								
NY SWF/LF	0.500	1	2	2	20	NR	NR	25
State and tribal leaking storage tank lists								
INDIAN LUST	0.500		0	0	0	NR	NR	0
NY LTANKS	0.500	1	8	2	30	NR	NR	41
NY HIST LTANKS	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NY UST	0.250	2	10	7	NR	NR	NR	19
NY CBS UST	0.250		0	0	NR	NR	NR	0
NY MOSF UST	0.500		0	0	2	NR	NR	2
NY CBS	0.250		0	1	NR	NR	NR	1
NY MOSF	0.500		0	0	3	NR	NR	3
NY AST	0.250	1	2	4	NR	NR	NR	7
NY CBS AST	0.250		0	0	NR	NR	NR	0
NY MOSF AST	0.500		0	0	3	NR	NR	3
INDIAN UST	0.250		0	0	NR	NR	NR	0
NY TANKS	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
NY RES DECL	0.125		0	NR	NR	NR	NR	0
NY ENG CONTROLS	0.500		0	0	0	NR	NR	0
NY INST CONTROL	0.500		0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
NY VCP	0.500		0	0	2	NR	NR	2
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
NY BROWNFIELDS	0.500		0	0	1	NR	NR	1
NY ERP	0.500		0	0	1	NR	NR	1
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
NY SWTIRE	0.500		0	0	0	NR	NR	0
NY SWRCY	0.500		2	1	9	NR	NR	12
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
NY DEL SHWS	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
NY PFAS	0.500		0	0	0	NR	NR	0
Local Lists of Registered Storage Tanks								
NY HIST UST	0.250		0	0	NR	NR	NR	0
NY HIST AST	0.001		0	NR	NR	NR	NR	0
Local Land Records								
NY LIENS	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	0.001		0	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		136	NR	NR	NR	NR	136
NY Spills	0.125	4	18	NR	NR	NR	NR	22
NY Hist Spills	0.125		0	NR	NR	NR	NR	0
NY SPILLS 90	0.125		0	NR	NR	NR	NR	0
NY SPILLS 80	0.125		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		5	10	NR	NR	NR	15
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	1	0	NR	1
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001	1	1	NR	NR	NR	NR	2
ECHO	0.001	1	0	NR	NR	NR	NR	1
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
NY AIRS	0.001		0	NR	NR	NR	NR	0
NY COAL ASH	0.500		0	0	0	NR	NR	0
NY DRYCLEANERS	0.250		0	0	NR	NR	NR	0
NY E DESIGNATION	0.125		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NY Financial Assurance	0.001		0	NR	NR	NR	NR	0
NY HSWDS	0.500		0	0	5	NR	NR	5
NY MANIFEST	0.250		7	7	NR	NR	NR	14
NJ MANIFEST	0.250		1	1	NR	NR	NR	2
NY SPDES	0.001		1	NR	NR	NR	NR	1
NY VAPOR REOPENED	0.500		0	0	0	NR	NR	0
NY UIC	0.001		0	NR	NR	NR	NR	0
NY COOLING TOWERS	0.001		0	NR	NR	NR	NR	0
NY LEAD	0.001		0	NR	NR	NR	NR	0
MINES MRDS	0.001		0	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	1	2	NR	3
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
NY RGA HWS	0.001		0	NR	NR	NR	NR	0
NY RGA LF	0.001	2	0	NR	NR	NR	NR	2
- Totals --		13	194	37	87	14	0	345

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **BORO LUMBER COMPANY** **NY Spills** **S103576062**
Target **57-57 47TH ST** **N/A**
Property **MASPETH, NY**

Site 1 of 159 in cluster A

Actual:
9 ft.

SPILLS:

Name:	BORO LUMBER COMPANY
Address:	57-57 47TH ST
City,State,Zip:	MASPETH, NY
Spill Number/Closed Date:	9812248 / 2006-07-12
Facility ID:	9812248
Facility Type:	ER
DER Facility ID:	155106
Site ID:	185465
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	4101
Spill Date:	1999-01-04
Investigator:	WBWELLIN
Referred To:	Not reported
Reported to Dept:	1999-01-04
CID:	371
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1999-01-04
Spill Record Last Update:	2006-07-12
Spiller Name:	JOHN SUSSEX - OWNER
Spiller Company:	BORO LUMBER COMPANY
Spiller Address:	57-57 47TH ST
Spiller Company:	001
Contact Name:	JOHN SUSSEX - OWNER
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was ROMMEL 57-45 47TH STREET? 07/12/06 Clean-up was performed adequately. Spill file closed."
Remarks:	"went to take soil samples before ust are removed and found contaminated soil. there is a creek downhill from site but caller does not believe it is affected. tanks will be dug up and spill cleaned up tomorrow."

All Materials:

Site ID:	185465
Operable Unit ID:	1069515
Operable Unit:	01
Material ID:	312526
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00

BORO LUMBER COMPANY (Continued) **S103576062**

Oxygenate: Not reported

A2 **ISLAND TRANS CORP** **NY LTANKS** **S104495815**
Target **5700 47TH STREET** **N/A**
Property **MASPETH, NY**

Site 2 of 159 in cluster A

Actual: **9 ft.**

LTANKS:

Name:	ISLAND TRANS CORP
Address:	5700 47TH STREET
City,State,Zip:	MASPETH, NY
Spill Number/Closed Date:	0709978 / 2007-12-28
Facility ID:	0709978
Site ID:	391172
Spill Date:	2007-12-18
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	bkfalvey
Referred To:	Not reported
Reported to Dept:	2007-12-18
CID:	444
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2007-12-18
Spill Record Last Update:	2008-06-30
Spiller Name:	CHRIS MALLOY
Spiller Company:	Not reported
Spiller Address:	5700 47TH STREET
Spiller County:	001
Spiller Contact:	CHRIS MALLOY
Spiller Phone:	(413) 572-1900
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	340805
DEC Memo:	"12/21/07 Received call from Sean Healy of Getty. He believes the vent line failed due to fitting at tank was loose. No contamination found. Metro Environmental will be testing line tonight. Will send test report and letter. bf 12/28/07 received fax from Laurie Jodice of Tyree. There was a crossover line that was not removed. Fitting for line was plugged and tank was restested by Metro Environmental and passed. Called Sean Healy and he told me no signs of petroleum contamination was found during repairs. He then transferred me to Laurie Jodice of Tyree who is the project manager. I told her I need test results and letter regarding contamination. She said that she will send letter and send test results when she gets them. Letter stating no visdible signs of petroleum contamination received by fax from L. Jodice. Received passing tightness test results. NFA. bf"
Remarks:	"PBS No: 2-318744"

ISLAND TRANS CORP (Continued) **S104495815**

All TTF:

Facility ID:	0709978
Spill Number:	0709978
Spill Tank Test:	2384326
Site ID:	391172
Tank Number:	Not reported
Tank Size:	4000
Material:	0008
EPA UST:	Not reported
UST:	True
Cause:	99
Source:	01
Test Method:	14
Test Method 2:	VacuTest
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified Date:	Not reported

All Materials:

Site ID:	391172
Operable Unit ID:	1148233
Operable Unit:	01
Material ID:	2138722
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	Not reported

A3 **COMMERCIAL PROPERTY** **NY Spills** **S113916189**
Target **57-00 47 ST** **N/A**
Property **MASPETH, NY**

Site 3 of 159 in cluster A

Actual:
9 ft.

SPILLS:

Name:	COMMERCIAL PROPERTY
Address:	57-00 47 ST
City,State,Zip:	MASPETH, NY
Spill Number/Closed Date:	1306438 / 2014-02-11
Facility ID:	1306438
Facility Type:	ER
DER Facility ID:	442157
Site ID:	487053
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	D4
SWIS:	4101
Spill Date:	2013-09-19
Investigator:	RMPIPER
Referred To:	Not reported
Reported to Dept:	2013-09-19

COMMERCIAL PROPERTY (Continued) **S113916189**

CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2013-09-19
Spill Record Last Update:	2014-02-11
Spiller Name:	Not reported
Spiller Company:	EMIL LAMANA
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	EMIL LAMANA
DEC Memo:	"DECpiper spoke with MArc. Tank is being rmeoved. Spoil cont found in pea gravel in vault. DEC Piper received closure report. Based on work to date, analytical results, this spill is closed. See edocs if warranted for report."
Remarks:	"4000 gal ust/tank is being removed/loss of product to soil"

All Materials:

Site ID:	487053
Operable Unit ID:	1236689
Operable Unit:	01
Material ID:	2236158
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

A4 **A LAMANNA TRUCKING CO** **NY UST** **U001839701**
Target **57-05 47 ST** **N/A**
Property **MASPETH, NY 11378**

Site 4 of 159 in cluster A

Actual:
9 ft.

UST:

Name:	A LAMANNA TRUCKING CO
Address:	57-05 47 ST
City,State,Zip:	MASPETH, NY 11378
Id/Status:	2-350001 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	591022.38265
UTM Y:	4508061.02217
Site Type:	Trucking/Transportation/Fleet Operation

Affiliation Records:

Site Id:	17253

A LAMANNA TRUCKING CO (Continued) **U001839701**

Affiliation Type:	Facility Owner
Company Name:	ALFREDO LAMANNA
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	P O BOX 255
Address2:	Not reported
City:	MASPETH
State:	NY
Zip Code:	11378
Country Code:	001
Phone:	(516) 889-4384
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	17253
Affiliation Type:	Mail Contact
Company Name:	A. LAMANNA TRUCKING
Contact Type:	Not reported
Contact Name:	EMIL LAMANNA
Address1:	57-05 47TH STREET
Address2:	Not reported
City:	MASPETH
State:	NY
Zip Code:	11378
Country Code:	001
Phone:	(718) 456-8636
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	17253
Affiliation Type:	Facility Operator
Company Name:	A LAMANNA TRUCKING CO
Contact Type:	Not reported
Contact Name:	ALFREDO LAMANNA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 456-8636
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	17253
Affiliation Type:	Emergency Contact
Company Name:	ALFREDO LAMANNA
Contact Type:	Not reported
Contact Name:	EMIL LAMANNA
Address1:	Not reported
Address2:	Not reported

A LAMANNA TRUCKING CO (Continued) **U001839701**

City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(516) 889-4384
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	001
Tank ID:	33693
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	4500
Install Date:	06/01/1982
Date Tank Closed:	12/01/1998
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

I00 - Overfill - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
G04 - Tank Secondary Containment - Double-Walled (Underground)
H05 - Tank Leak Detection - In-Tank System (ATG)

A5 **5700 MASPETH AVENUE LLC** **NY Spills** **S109372728**
Target **5700 47TH ST** **N/A**
Property **QUEENS, NY**

Site 5 of 159 in cluster A

Actual:
9 ft.

SPILLS:

Name:	5700 MASPETH AVENUE LLC
Address:	5700 47TH ST
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	0808170 / 2012-08-27
Facility ID:	0808170
Facility Type:	ER
DER Facility ID:	354794
Site ID:	405549

5700 MASPETH AVENUE LLC (Continued) **S109372728**

DEC Region:	2
Spill Cause:	Unknown
Spill Class:	Not reported
SWIS:	4101
Spill Date:	2008-10-21
Investigator:	vszhune
Referred To:	Not reported
Reported to Dept:	2008-10-21
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Fire Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2008-10-21
Spill Record Last Update:	2013-02-04
Spiller Name:	CHIEF BERGAMINI
Spiller Company:	5700 MASPETH AVENUE LLC
Spiller Address:	5700 47TH ST
Spiller Company:	999
Contact Name:	CHIEF BERGAMINI
DEC Memo:	"10/21/08-Zhune visited the site, spoke to Rossana Bortone (718) 456-8636 owner of Almar Supplies. She said they will hired a contractor to do the cleaned up. 08/27/12-Environmental Management Solutions, Inc. sent the Limmited Subsurface Investigation Report dated January 23, 2009. Six soil borings locations were selected according to visual petroleum related staining. All soil samples were collected at a depth of 1.5 feet(BGS). There were olfatory inidcations of petroleum related contamination in samples S-1, S-5, S-6. The soil Analytical results identified samples S-1 and S-5, having seven and two VOCs respectively in excess of the limit. S-1 (Total xylenes 2500 ppb, 1,3,5 Trimethyl Benzene 11000 ppb) and S-5(Total Xylene 34000 ppb, n-propylbenzene 3800 ppb, 1,2,5 Trimethyl Benzene 2300 ppb, 1,2,4 Trimethyl Benzene 58000 ppb, n-butylbenzene 11000 ppb, napgthalene 24000 ppb. 08/27/12- Environmental management Solutions, Inc. sent the Investigation Summary Report dated November 2010. On March 17 through 19 381.04 tons of contaminated soil was excavated. depth of excavation was approximately eight feet (Bgs). Groundwater was observed in the excavation and is estimated to be at 7 feet(bgs). Subsequent to the excavation of contaminate soil a total of five samples were collected arround the perimeter of the pit approximately on foot from the floor of the excavation. The endpoint soil analytical results inidcated that there were no VOCs exceeding the limit. There was no collection system encountered or any piping associated with the floor drain in the concrete pad. 08/27/12- Taylor Environmental sent the report for the instalation and sampling of a monitoring well date August 20, 2012. A groundwater sample was collected from the well. The groundwater analitycal result are within the accetable limit. Spill CLosed. "
Remarks:	"CALLER STATES THAT THERE IS ACTIVE SPILLING AND ILLEGAL STORAGE. THERE IS SPEEDY DRY ALL OVER BUT NOTHING HAS BEEN CLEANED UP, CALLER STATES THAT THIS HAS BEEN GOING ON FOR 10 YEARS. THEY HAVE 2 O/S FUEL TRUCKS FOR STORAGE AND FOR TRANSFERING FUEL TO VEHICLES. THE CATCH

5700 MASPETH AVENUE LLC (Continued) **S109372728**

BASIN IN THE YARD HAS BEEN FILLED IN WITH DIRT. CALLER IS REQUESTING THAT SOMEONE FROM DEC CONTACT HIM ASAP."

All Materials:

Site ID:	405549
Operable Unit ID:	1162170
Operable Unit:	01
Material ID:	2153399
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

A6 **57-00 47TH STREET** **FINDS 1012145601**
Target **57-00 47TH STREET** **ECHO N/A**
Property **MASPETH, NY 11378**

Site 6 of 159 in cluster A

Actual:
9 ft.

FINDS:
Registry ID: 110039195331

Click Here:

Environmental Interest/Information System:
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1012145601
Registry ID:	110039195331
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110039195331
Name:	57-00 47TH STREET
Address:	57-00 47TH STREET
City,State,Zip:	MASPETH, NY 11378

A7 **57-00 MASPETH AVE LLC** **NY SWF/LF** **U001835911**
Target **5700 47TH ST** **NY UST** **N/A**
Property **MASPETH, NY 11378** **NY AST**
NY Spills

Site 7 of 159 in cluster A

Actual:
9 ft.

SWF/LF:

Name:	PEBBLE LANE ASSOCIATES LLC
Address:	57-00 47TH STREET
City,State,Zip:	MASPETH, NY 11378
Flag:	ACTIVE
Region Code:	2
Phone Number:	7184562520
Owner Name:	US Concrete; Inc
Owner Type:	Private
Owner Address:	331 N. Main Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Euless, TX 76039
Owner Email:	Not reported
Owner Phone:	8178254105
Contact Name:	Gerard Weldon
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	gweldon@us-concrete.com
Contact Phone:	7184562520
Activity Desc:	C&D processing - registration
Activity Number:	[41W64]
Active:	Yes
East Coordinate:	591200
North Coordinate:	4509900
Accuracy Code:	2.1 - NYSDEC 100 m grid collection
Regulatory Status:	Registration
Waste Type:	Asphalt;Brick;Concrete;Rock;Soil (Clean);Glass;Metals (Ferrous);Metals (Non-Ferrous);Construction & Demolition Debris
Authorization #:	41W64
Authorization Date:	4/27/2009
Expiration Date:	Not reported
Operator Name:	Anthony Bruno
Operator Type:	Not reported
Laste Date:	12/14/2016

UST:

Name:	57-00 MASPETH AVE LLC
Address:	5700 47TH ST
City,State,Zip:	MASPETH, NY 11378
Id/Status:	2-318744 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	12/16/2018
UTM X:	590958.14326
UTM Y:	4508126.22378
Site Type:	Trucking/Transportation/Fleet Operation

Affiliation Records:

Site Id:	14712
Affiliation Type:	Mail Contact
Company Name:	57-00 MASPETH AVENUE, LLC

57-00 MASPETH AVE LLC (Continued) **U001835911**

Contact Type:	Not reported
Contact Name:	ROSSANA BORTONE
Address1:	57-00 47TH STREET
Address2:	Not reported
City:	MASPETH
State:	NY
Zip Code:	11378
Country Code:	001
Phone:	(718) 456-8636
EMail:	PFIEFFER40@AOL
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2014-02-27

Site Id:	14712
Affiliation Type:	Facility Operator
Company Name:	57-00 MASPETH AVE LLC
Contact Type:	Not reported
Contact Name:	ROSSANA BORTONE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 456-8636
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2013-12-16

Site Id:	14712
Affiliation Type:	Emergency Contact
Company Name:	5700 MASPETH AVENUE LLC
Contact Type:	Not reported
Contact Name:	ROSSANA BORTONE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 456-8636
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2010-09-08

Site Id:	14712
Affiliation Type:	Facility Owner
Company Name:	57-00 MASPETH AVENUE LLC
Contact Type:	OWNER
Contact Name:	ROSSANA BORTONE
Address1:	57-00 47TH STREET
Address2:	Not reported
City:	MASPETH
State:	NY

57-00 MASPETH AVE LLC (Continued) **U001835911**

Zip Code:	11378
Country Code:	001
Phone:	(718) 456-8636
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2014-02-27

Tank Info:

Tank Number:	001
Tank ID:	16720
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	4000
Install Date:	10/01/1985
Date Tank Closed:	09/19/2013
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	21
Date Test:	12/21/2007
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	NRLOMBAR
Last Modified:	04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F02 - Pipe External Protection - Original Sacrificial Anode
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
E00 - Piping Secondary Containment - None
G03 - Tank Secondary Containment - Vault (w/o access)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Number:	002
Tank ID:	16721
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	4000
Install Date:	10/01/1985
Date Tank Closed:	12/01/1998
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	9999
Common Name of Substance:	Other

57-00 MASPETH AVE LLC (Continued) **U001835911**

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D00 - Pipe Type - No Piping
F02 - Pipe External Protection - Original Sacrificial Anode
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number:	003
Tank ID:	16722
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	4000
Install Date:	10/01/1985
Date Tank Closed:	12/01/1998
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	9999
Common Name of Substance:	Other

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F02 - Pipe External Protection - Original Sacrificial Anode
D00 - Pipe Type - No Piping

Tank Number:	004
Tank ID:	16723
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	1080
Install Date:	10/01/1985
Date Tank Closed:	12/01/1998
Registered:	True

57-00 MASPETH AVE LLC (Continued) **U001835911**

Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 9999
Common Name of Substance: Other

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B02 - Tank External Protection - Original Sacrificial Anode
C00 - Pipe Location - No Piping
D00 - Pipe Type - No Piping
F02 - Pipe External Protection - Original Sacrificial Anode
H00 - Tank Leak Detection - None
I00 - Overfill - None

AST:
Name: 57-00 MASPETH AVE LLC
Address: 5700 47TH ST
City,State,Zip: MASPETH, NY 11378
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-318744
Program Type: PBS
UTM X: 590958.14326
UTM Y: 4508126.22378
Expiration Date: 12/16/2018
Site Type: Trucking/Transportation/Fleet Operation

Affiliation Records:
Site Id: 14712
Affiliation Type: Mail Contact
Company Name: 57-00 MASPETH AVENUE, LLC
Contact Type: Not reported
Contact Name: ROSSANA BORTONE
Address1: 57-00 47TH STREET
Address2: Not reported
City: MASPETH
State: NY
Zip Code: 11378
Country Code: 001
Phone: (718) 456-8636
EMail: PFIEFFER40@AOL
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 2014-02-27

Site Id: 14712
Affiliation Type: Facility Operator
Company Name: 57-00 MASPETH AVE LLC

57-00 MASPETH AVE LLC (Continued) **U001835911**

Contact Type:	Not reported
Contact Name:	ROSSANA BORTONE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 456-8636
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2013-12-16

Site Id:	14712
Affiliation Type:	Emergency Contact
Company Name:	5700 MASPETH AVENUE LLC
Contact Type:	Not reported
Contact Name:	ROSSANA BORTONE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 456-8636
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2010-09-08

Site Id:	14712
Affiliation Type:	Facility Owner
Company Name:	57-00 MASPETH AVENUE LLC
Contact Type:	OWNER
Contact Name:	ROSSANA BORTONE
Address1:	57-00 47TH STREET
Address2:	Not reported
City:	MASPETH
State:	NY
Zip Code:	11378
Country Code:	001
Phone:	(718) 456-8636
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2014-02-27

Tank Info:

Tank Number:	005
Tank Id:	16724
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

57-00 MASPETH AVE LLC (Continued) **U001835911**

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
H00 - Tank Leak Detection - None
I00 - Overfill - None
L09 - Piping Leak Detection - Exempt Suction Piping
A00 - Tank Internal Protection - None
F02 - Pipe External Protection - Original Sacrificial Anode

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Fiberglass Reinforced Plastic
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	10/01/1985
Capacity Gallons:	6000
Tightness Test Method:	14
Date Test:	11/22/2002
Next Test Date:	Not reported
Date Tank Closed:	03/08/2006
Register:	True
Modified By:	NRLOMBAR
Last Modified:	04/14/2017
Material Name:	#2 fuel oil (on-site consumption)
Tank Number:	2
Tank Id:	235859
Material Code:	0015
Common Name of Substance:	Motor Oil

Equipment Records:

C01 - Pipe Location - Aboveground
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
L00 - Piping Leak Detection - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G09 - Tank Secondary Containment - Modified Double-Walled (Aboveground)
K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Location:	Aboveground - contact with impervious barrier... Tank bottom rests on impervious barrier, allowing visual indication of leaks.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/03/2000
Capacity Gallons:	180
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported

57-00 MASPETH AVE LLC (Continued) **U001835911**

Register:	True
Modified By:	MSBAPTIS
Last Modified:	04/14/2017
Material Name:	motor oil
Tank Number:	3
Tank Id:	235860
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil

Equipment Records:

J00 - Dispenser - None
K00 - Spill Prevention - None
G09 - Tank Secondary Containment - Modified Double-Walled (Aboveground)
A00 - Tank Internal Protection - None
I00 - Overfill - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
L00 - Piping Leak Detection - None
D00 - Pipe Type - No Piping

Tank Location:	Aboveground - contact with impervious barrier... Tank bottom rests on impervious barrier, allowing visual indication of leaks.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/03/2000
Capacity Gallons:	180
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MSBAPTIS
Last Modified:	04/14/2017
Material Name:	waste oil/used oil

SPILLS:

Name:	57-00 47TH ST
Address:	57-00 47TH ST
City,State,Zip:	MASPETH, NY
Spill Number/Closed Date:	9411004 / 1994-11-17
Facility ID:	9411004
Facility Type:	ER
DER Facility ID:	125954
Site ID:	147965
DEC Region:	2
Spill Cause:	Deliberate
Spill Class:	C4
SWIS:	4101
Spill Date:	1994-11-17
Investigator:	SMMARTIN

57-00 MASPETH AVE LLC (Continued) **U001835911**

Referred To:	Not reported
Reported to Dept:	1994-11-17
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Federal Government
Cleanup Ceased:	1994-11-17
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1994-12-09
Spill Record Last Update:	2004-03-29
Spiller Name:	Not reported
Spiller Company:	ISLAND TRANSPORTATION
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MARTINKAT "
Remarks:	"NYC DEP WAS NOTIFIED"

All Materials:

Site ID:	147965
Operable Unit ID:	1004912
Operable Unit:	01
Material ID:	376868
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

A8 **PEBBLE LANE ASSOCIATES; INC. (ALFREDO LA** **NY RGA LF** **S114960144**
Target **57-05 47TH STREET** **N/A**
Property **MASPETH, NY**

Site 8 of 159 in cluster A

Actual: **9 ft.**

RGA LF:

2008	PEBBLE LANE ASSOCIATES; INC. (ALFREDO LA	57-05 47TH STREET
2007	PEBBLE LANE ASSOCIATES; INC. (ALFREDO LA	57-05 47TH STREET
2006	PEBBLE LANE ASSOCIATES; INC. (ALFREDO LA	57-05 47TH STREET
2005	PEBBLE LANE ASSOCIATES; INC. (ALFREDO LA	57-05 47TH STREET
2004	PEBBLE LANE ASSOCIATES; INC. (ALFREDO LA	57-05 47TH STREET

A9
Target Property
PEBBLE LANE ASSOCIATES
57-05 47TH STREET
MASPETH, NY
NY RGA LF **S114960143** **N/A**

Site 9 of 159 in cluster A

Actual: 9 ft.

RGA LF:

2012	PEBBLE LANE ASSOCIATES	57-05 47TH STREET
2011	PEBBLE LANE ASSOCIATES	57-05 47TH STREET
2010	PEBBLE LANE ASSOCIATES	57-05 47TH STREET
2009	PEBBLE LANE ASSOCIATES	57-05 47TH STREET

A10
55-90 47TH ST
55-90 47TH ST
MASPETH, NY
HMIRS **2007444341** **N/A**

< 1/8
1 ft.

Site 10 of 159 in cluster A

Relative: Lower

Actual: 7 ft.

HMIRS:

Report #:	2006110065
System ID:	420400
Report type:	A
Incident site:	55-90 47th st MASPETH, NY 11378
Incident county:	queens
Incident country:	US
Incident date:	09/28/06
Incident time:	0852
NRC report #:	0
Other fed agency reported to:	Not reported
Other agency report #:	Not reported
Incident foreign country:	Not reported
Transportation mode:	4
Transportation phase:	261
Carrier DOT ID:	265752
Carrier Hazmat ID:	062904001002M
Carrier name:	Fedex Ground Package System, Inc.
Carrier address:	1000 Fedex Drive MOON TOWNSHIP, PA 15108
Carrier country:	US
Incident consequence:	Spillage
EMS/Fire crew responded:	Not reported
EMS/Fire crew report #:	Not reported
Police responded:	Not reported
Police report #:	Not reported
In-house cleanup occurred:	True
Other cleanup occurred:	Not reported
Estimated damages exceed $500:	False
Value of material lost:	0
Value of carrier loss:	0
Value of pub/priv property loss:	0
Response cost:	0
Remediation cost:	0

Details of fatalities by vapor/fire/explosion of hazardous material:

Did Fatalities occur:	False
No. of employee fatalities:	0
No. of responder fatalities:	0
No. of public fatalities:	0

55-90 47TH ST (Continued) **2007444341**

Details of fatalities not due to hazardous material:
- Did fatalities occur: Not reported
- No. of dead persons: 0

Details of injuries due to hazardous material:
- Did injuries occur: False
- No. of employees hospitalized: 0
- No. of employees not hospitalized: 0
- No. of responders hospitalized: 0
- No. of responders not hospitalized: 0
- No. of public hospitalized: 0
- No. of public not hospitalized: 0
- Evacuation was required: False
- No. of employees evacuated: 0
- No. of public evacuated: 0
- Total number evacuated: 0
- Evacuation time in hours: 0
- Road/facility was closed: False
- No. of hours closed: 0
- Hazmat invloved in crash/derailment: False
- Estimated speed of crash: 0
- Crash weather conditions: Not reported
- Vehicle overturned: Not reported
- Did vehicle leave road/track: Not reported
- Where incident occurred/discovered: Not reported
- Shipment handling details: Not reported

Incident report preparer details:
- Preparer name: Scott Kerr
- Preparer title: TSM Manager II - Safety
- Hazmat registration ID: 062904001002M
- Employer business name: Fedex Ground Package System, Inc.
- Address: 1000 Fedex Drive
  MOON TOWNSHIP, PA 15108
- Country: US
- Report date: 11/14/06
- Telephone: 412-859-5051
- Fax: 412-859-5045
- Business type: C
- Preparer other function: Not reported

A11 **55-90 47 TH ST** **HMIRS** **2009054649**
55-90 47 TH ST **N/A**
< 1/8 **FLUSHING, NY 11378**
1 ft.

Site 11 of 159 in cluster A

Relative: Lower
Actual: 7 ft.

HMIRS:
- Report Number: X-2009090180
- Report Source: XML
- Multiple Rows per Incident: Yes
- Report Type: A hazardous material incident
- Date of Incident: 8/20/2009
- Time of Incident: 600
- NRC Number: Not reported
- Fed DOT Agency Name: Not reported
- Fed DOT Report #: Not reported
- Incident City: FLUSHING

55-90 47 TH ST (Continued) **2009054649**

Incident County:	QUEEN
Incident State:	NY
Incident Zip:	11378
Incident Non-US State:	Not reported
Incident Country:	US
Incident Route:	55-90 47 th st
Mode of Transportation:	Highway
Transportation Phase:	Unloading
Carrier/Reporter Name:	FEDEX GROUND PACKAGE SYSTEM INC
Carrier/Reporter Street:	1000 FEDEX DRIVE
Carrier/Reporter City:	MOON TOWNSHIP
Carrier/Reporter State:	PA
Carrier/Reporter Zip:	15108
Carrier/Reporter Non-US State:	Not reported
Carrier/Reporter FED DOT ID:	265752
Carrier/Reporter HAZMAT ID:	062904001002M
Carrier/Reporter Country:	US
Shipper Name:	ATLANTIC PLYWOOD
Shipper Street:	75 AMOR AVE
Shipper City:	CARLSTADT
Shipper State:	NJ
Shipper Zip:	7072
Shipper Non-US State:	Not reported
Shipper Country:	US
Waybill/Shipping Paper:	5686861302000120
Shipper HAZMAT Registration ID:	Not reported
Origin City:	Not reported
Origin State:	Not reported
Origin Zip:	Not reported
Origin Non-US State:	Not reported
Origin Country:	Not reported
Destination City:	BRONX
Destination State:	NY
Destination Postal Code:	10454
Destination Non-US State:	Not reported
Destination Country:	US
Commodity Short Name:	PAINT
Commodity Long Name:	PAINT
Technical/Trade Name:	Not reported
Identification Number:	UN1263
Hazardous Class Code:	3
Hazardous Class:	FLAMMABLE - COMBUSTIBLE LIQUID
Packing Group:	II
Quantity Released:	32
Unit of Measure:	LGA
Unit of Measure Description:	Liquid - Gallon
HAZMAT Waste Indicator:	No
HAZMAT Waste EPA ID:	Not reported
HMIS Toxic by Inhalation:	No
TIH Hazard Zone:	Not reported
Material Shipment Approval:	No
Mat. Shipment Approval #:	Not reported
Undeclared HAZMAT Shipment:	No
Packaging Type:	Non-Bulk
What Failed Code:	109
What Failed Description:	Closure (e.g. Cap Top or Plug)
How Failed Code:	308

55-90 47 TH ST (Continued) **2009054649**

How Failed Description:	Leaked
Failure Cause Code:	526
Failure Cause Description:	Loose Closure Component or Device
Identification Markings:	4G/Y.75 S/09USA/+AX5351
Cont1 Packaging Type:	Not reported
Cont1 Material of Construction:	Not reported
Cont1 Head Type:	Not reported
Cont1 Package Capacity:	Not reported
Cont1 Package Capacity UOM:	Not reported
Cont1 Package Amount:	Not reported
Cont1 Package Amount UOM:	Not reported
Cont1 Pkg Number:	Not reported
Cont1 Pkg Shipment # Failed:	Not reported
Cont1 Package Manufacturer:	Not reported
Cont1 Pkg Manufacturer Date:	Not reported
Cont1 Package Serial Number:	Not reported
Cont1 Package Last Test Date:	Not reported
Cont1 Test Material Of Const:	Not reported
Cont1 Pkg Dsign Pressure Rpted:	Not reported
Cont1 Dsign Pressure UOM Rpted:	Not reported
Cont1 Pkg Shell Thickness Rptd:	Not reported
Cont1 Shell Thickness UOM Rptd:	Not reported
Cont1 Head Thickness Reported:	Not reported
Cont1 Head Thickness UOM Rpted:	Not reported
Cont1 Pkg Srvc Pressure Rpted:	Not reported
Cont1 Srvc Pressure UOM Rpted:	Not reported
Cont1 Valve or Device Fail Ind:	No
Cont1 Valve or Device Type:	Not reported
Cont1 Val Device Manufacturer:	Not reported
Cont1 Valve or Device Model:	Not reported
Cont2 Package Type:	Not reported
Cont2 Material of Construction:	Not reported
Cont2 Package Capacity:	Not reported
Cont2 Capacity UOM Reported:	Not reported
Cont2 Package Amount:	Not reported
Cont2 Package Amount UOM:	Not reported
Cont2 Pkg Number in Shipment:	Not reported
Cont2 Pkg Shipment # Failed:	Not reported
RAM Package Category:	Not reported
RAM Package Certification:	Not reported
RAM Package Certification #:	Not reported
RAM Nuclide(s) Present:	Not reported
RAM Transport Index:	Not reported
RAM UOM:	Not reported
RAM Activity Rpted:	Not reported
RAM UOM Rpted:	Not reported
RAM Activity:	Not reported
RAM Activity UOM:	Not reported
RAM Material Safety Index:	Not reported
Spillage (Ind:	Yes
Fire Ind:	No
Explosion Ind:	No
Water Sewer Ind:	No
Gas Dispersion Ind:	No
Environmental Damage:	No
No Release Ind:	No
Fire/EMS Report Ind:	No

55-90 47 TH ST (Continued) **2009054649**

Fire EMS/EMS Report #:	Not reported
Police Report Ind:	No
Police Report #:	Not reported
In-House Cleanup Ind:	Yes
Other Cleanup Ind:	No
Damage More Than 500:	No
Material Loss:	0
Carrier Damage:	0
Property Damage:	0
Response Cost:	0
Remediation Cleanup Cost:	0
Damage Other (Old Form):	0
Total Amount of Damages:	0
HAZMAT Fatality Indicator:	No
HAZMAT Fatalities Employees:	0
HAZMAT Fatalities Responders:	0
HAZMAT Fatality Gen. Public:	0
Hazmat Fatalities (Old Form):	0
Total Hazmat Fatalities:	0
Non_HAZMAT Fatality Indicator:	No
Non-HAZMAT Fatalities:	0
HAZMAT Injury Indicator:	No
HAZMAT Hospitalized Employees:	0
HAZMAT Hospitalized Responders:	0
HAZMAT Hospitalized Gen Public:	0
HAZMAT Hospitalized (Old Form):	0
Total Hazmat Hosp Injuries:	0
HAZMAT NonHosp Employees:	0
HAZMAT NonHosp Responders:	0
HAZMAT NonHosp Gen. Public:	0
HAZMAT NonHosp (Old Form):	0
Total Hazmat NonHosp Injuries:	0
Total Hazmat Injuries:	0
Evacuation Indicator:	No
Public Evacuated:	0
Employees Evacuated:	0
Total Evacuated:	0
Total Evacuation Hours:	0
Major Artery Closed:	No
Major Artery Hours Closed:	0
Material Involved in Accident:	No
Estimated Speed:	0
Weather Conditions:	Not reported
Vehicle Overturn:	No
Vehicle Left Roadway/Track:	No
Passenger Aircraft Indicator:	No
Cargo Passenger Baggage Ind:	Not reported
Incident Occurrence:	Not reported
Shipphase Non-Transported Ind:	No
Shipphase Air First Flight Ind:	No
Shipphase Air SubFlight Ind:	No
Shipphase Init Transport Ind:	No
Shipphase Transfer Indicator:	No
Contact Name:	Travis McEwen
Contact Title:	Safety Specialist III - Hazmat
Contact Business Name:	FEDEX GROUND PACKAGE SYSTEM INC
Contact Street:	1000 FEDEX DRIVE

55-90 47 TH ST (Continued) **2009054649**

Contact City:	MOON TOWNSHIP
Contact State:	PA
Contact Postal Code:	15108
Contact Non-US State:	Not reported
Contact Country:	US
Preparer of Incident Report:	Carrier
Description of Events:	(A)The pail was unloaded with leakage noted. Examination of the pail revealed the pail had a loose cap/lid and leaked. The leakage was contained. The cap/lid was secured. Undamaged product was returned to the shipper. The damaged product was properly disposed of in accordance with Federal Regulations. (B)The package was dropped in handling. Examination of the inner container revealed a ruptured seam which allowed the contents to escape. The leakage was contained. The undamaged portion of the package was repacked for return to shipper.
Recommendations/Actions Taken:	Not reported
Recommendations/Actions:	Not reported
HMIS Serious Incident Ind:	No
HMIS Serious Fatality:	No
HMIS Serious Injury:	No
HMIS Serious Flight Plan:	No
HMIS Serious Evacuations:	No
HMIS Serious Major Artery:	No
HMIS Serious Bulk Release:	No
HMIS Serious Marine Pollutant:	No
HMIS Serious Radioactive:	No
HMIS General Package Type:	BOX FIBER
HMIS Container Code:	4G
HMIS Container Description:	Fiberboard box
HMIS Bulk Incident Indicator:	No
Undeclared Shipment:	No
Report Number:	X-2009090180
Report Source:	XML
Multiple Rows per Incident:	Yes
Report Type:	A hazardous material incident
Date of Incident:	8/20/2009
Time of Incident:	600
NRC Number:	Not reported
Fed DOT Agency Name:	Not reported
Fed DOT Report #:	Not reported
Incident City:	FLUSHING
Incident County:	QUEEN
Incident State:	NY
Incident Zip:	11378
Incident Non-US State:	Not reported
Incident Country:	US
Incident Route:	55-90 47 th st
Mode of Transportation:	Highway
Transportation Phase:	Unloading
Carrier/Reporter Name:	FEDEX GROUND PACKAGE SYSTEM INC
Carrier/Reporter Street:	1000 FEDEX DRIVE
Carrier/Reporter City:	MOON TOWNSHIP
Carrier/Reporter State:	PA
Carrier/Reporter Zip:	15108
Carrier/Reporter Non-US State:	Not reported
Carrier/Reporter FED DOT ID:	265752
Carrier/Reporter HAZMAT ID:	062904001002M

55-90 47 TH ST (Continued) **2009054649**

Carrier/Reporter Country:	US
Shipper Name:	ATLANTIC PLYWOOD
Shipper Street:	75 AMOR AVE.
Shipper City:	CARLSTADT
Shipper State:	NJ
Shipper Zip:	7072
Shipper Non-US State:	Not reported
Shipper Country:	US
Waybill/Shipping Paper:	568686130200139
Shipper HAZMAT Registration ID:	Not reported
Origin City:	Not reported
Origin State:	Not reported
Origin Zip:	Not reported
Origin Non-US State:	Not reported
Origin Country:	US
Destination City:	BRONX
Destination State:	NY
Destination Postal Code:	10454
Destination Non-US State:	Not reported
Destination Country:	US
Commodity Short Name:	FLAMMABLE LIQUID CORROSIV
Commodity Long Name:	FLAMMABLE LIQUIDS CORROSIVE N.O.S.
Technical/Trade Name:	ISOPROPYL PHOSPHORI
Identification Number:	UN2924
Hazardous Class Code:	3
Hazardous Class:	FLAMMABLE - COMBUSTIBLE LIQUID
Packing Group:	II
Quantity Released:	0.09375
Unit of Measure:	LGA
Unit of Measure Description:	Liquid - Gallon
HAZMAT Waste Indicator:	No
HAZMAT Waste EPA ID:	Not reported
HMIS Toxic by Inhalation:	No
TIH Hazard Zone:	Not reported
Material Shipment Approval:	No
Mat. Shipment Approval #:	Not reported
Undeclared HAZMAT Shipment:	No
Packaging Type:	Non-Bulk
What Failed Code:	109
What Failed Description:	Closure (e.g. Cap Top or Plug)
How Failed Code:	308
How Failed Description:	Leaked
Failure Cause Code:	511
Failure Cause Description:	Dropped
Identification Markings:	4G/Y7.5S/09USA/+AX5351
Cont1 Packaging Type:	Not reported
Cont1 Material of Construction:	Not reported
Cont1 Head Type:	Not reported
Cont1 Package Capacity:	Not reported
Cont1 Package Capacity UOM:	Not reported
Cont1 Package Amount:	Not reported
Cont1 Package Amount UOM:	Not reported
Cont1 Pkg Number:	Not reported
Cont1 Pkg Shipment # Failed:	Not reported
Cont1 Package Manufacturer:	Not reported
Cont1 Pkg Manufacturer Date:	Not reported
Cont1 Package Serial Number:	Not reported

55-90 47 TH ST (Continued) **2009054649**

Cont1 Package Last Test Date:	Not reported
Cont1 Test Material Of Const:	Not reported
Cont1 Pkg Dsign Pressure Rpted:	Not reported
Cont1 Dsign Pressure UOM Rpted:	Not reported
Cont1 Pkg Shell Thickness Rptd:	Not reported
Cont1 Shell Thickness UOM Rptd:	Not reported
Cont1 Head Thickness Reported:	Not reported
Cont1 Head Thickness UOM Rpted:	Not reported
Cont1 Pkg Srvc Pressure Rpted:	Not reported
Cont1 Srvc Pressure UOM Rpted:	Not reported
Cont1 Valve or Device Fail Ind:	No
Cont1 Valve or Device Type:	Not reported
Cont1 Val Device Manufacturer:	Not reported
Cont1 Valve or Device Model:	Not reported
Cont2 Package Type:	Not reported
Cont2 Material of Construction:	Not reported
Cont2 Package Capacity:	Not reported
Cont2 Capacity UOM Reported:	Not reported
Cont2 Package Amount:	Not reported
Cont2 Package Amount UOM:	Not reported
Cont2 Pkg Number in Shipment:	Not reported
Cont2 Pkg Shipment # Failed:	Not reported
RAM Package Category:	Not reported
RAM Package Certification:	Not reported
RAM Package Certification #:	Not reported
RAM Nuclide(s) Present:	Not reported
RAM Transport Index:	Not reported
RAM UOM:	Not reported
RAM Activity Rpted:	Not reported
RAM UOM Rpted:	Not reported
RAM Activity:	0
RAM Activity UOM:	Not reported
RAM Material Safety Index:	Not reported
Spillage (Ind:	Yes
Fire Ind:	No
Explosion Ind:	No
Water Sewer Ind:	No
Gas Dispersion Ind:	No
Environmental Damage:	No
No Release Ind:	No
Fire/EMS Report Ind:	No
Fire EMS/EMS Report #:	Not reported
Police Report Ind:	No
Police Report #:	Not reported
In-House Cleanup Ind:	Yes
Other Cleanup Ind:	No
Damage More Than 500:	No
Material Loss:	0
Carrier Damage:	0
Property Damage:	0
Response Cost:	0
Remediation Cleanup Cost:	0
Damage Other (Old Form):	0
Total Amount of Damages:	0
HAZMAT Fatality Indicator:	No
HAZMAT Fatalities Employees:	0
HAZMAT Fatalities Responders:	0

55-90 47 TH ST (Continued) **2009054649**

HAZMAT Fatality Gen. Public:	0
Hazmat Fatalities (Old Form):	0
Total Hazmat Fatalities:	0
Non_HAZMAT Fatality Indicator:	No
Non-HAZMAT Fatalities:	0
HAZMAT Injury Indicator:	No
HAZMAT Hospitalized Employees:	0
HAZMAT Hospitalized Responders:	0
HAZMAT Hospitalized Gen Public:	0
HAZMAT Hospitalized (Old Form):	0
Total Hazmat Hosp Injuries:	0
HAZMAT NonHosp Employees:	0
HAZMAT NonHosp Responders:	0
HAZMAT NonHosp Gen. Public:	0
HAZMAT NonHosp (Old Form):	0
Total Hazmat NonHosp Injuries:	0
Total Hazmat Injuries:	0
Evacuation Indicator:	No
Public Evacuated:	0
Employees Evacuated:	0
Total Evacuated:	0
Total Evacuation Hours:	0
Major Artery Closed:	No
Major Artery Hours Closed:	0
Material Involved in Accident:	No
Estimated Speed:	0
Weather Conditions:	Not reported
Vehicle Overturn:	No
Vehicle Left Roadway/Track:	No
Passenger Aircraft Indicator:	No
Cargo Passenger Baggage Ind:	Not reported
Incident Occurrence:	Not reported
Shipphase Non-Transported Ind:	No
Shipphase Air First Flight Ind:	No
Shipphase Air SubFlight Ind:	No
Shipphase Init Transport Ind:	No
Shipphase Transfer Indicator:	No
Contact Name:	Travis McEwen
Contact Title:	Safety Specialist III - Hazmat
Contact Business Name:	FEDEX GROUND PACKAGE SYSTEM INC
Contact Street:	1000 FEDEX DRIVE
Contact City:	MOON TOWNSHIP
Contact State:	PA
Contact Postal Code:	15108
Contact Non-US State:	Not reported
Contact Country:	US
Preparer of Incident Report:	Carrier
Description of Events:	(A)The pail was unloaded with leakage noted. Examination of the pail revealed the pail had a loose cap/lid and leaked. The leakage was contained. The cap/lid was secured. Undamaged product was returned to the shipper. The damaged product was properly disposed of in accordance with Federal Regulations. (B)The package was dropped in handling. Examination of the inner container revealed a ruptured seam which allowed the contents to escape. The leakage was contained. The undamaged portion of the package was repacked for return to shipper.
Recommendations/Actions Taken:	Not reported
Recommendations/Actions:	Not reported

55-90 47 TH ST (Continued) **2009054649**

HMIS Serious Incident Ind:	No
HMIS Serious Fatality:	No
HMIS Serious Injury:	No
HMIS Serious Flight Plan:	No
HMIS Serious Evacuations:	No
HMIS Serious Major Artery:	No
HMIS Serious Bulk Release:	No
HMIS Serious Marine Pollutant:	No
HMIS Serious Radioactive:	No
HMIS General Package Type:	BOX FIBER
HMIS Container Code:	4G
HMIS Container Description:	Fiberboard box
HMIS Bulk Incident Indicator:	No
Undeclared Shipment:	No

A12 **HMIRS** **2000091310**
55-90 47TH ST **N/A**
< 1/8 **QUEENS, NY**
1 ft.

Site 12 of 159 in cluster A

Relative: **Higher**
Actual: **9 ft.**

HMIRS:

Report #:	2000091310
Site location:	55-90 47TH ST QUEENS, NY
Place of origin:	255 BLAIR ROAD AVENEL, NJ 07001
Destination:	DIONS COFFEE SHOP 159-27 NORTHERN BLVD FLUSHING, NY 11358
Carrier ID:	92098
Carrier reporting #:	34-144-1019
Carrier:	FEDEX GROUND PACKAGE SYSTEM IN
Carrier address:	P O BOX 108 PITTSBURGH, PA 152300108
Shipper ID:	24649
Shipper name:	ECO-LABS INC
Shipper address:	255 BLAIR ROAD AVENEL, NJ 07001
Shipping paper number:	007184110044123
Consignee ID:	80350
Consignee name:	DIONS COFFEE SHOP
Consignee addess:	159-27 NORTHERN BLVD FLUSHING, NY 11358
General cause:	10
Transportation mode:	4
Date:	09/18/2000
Commodity name:	HYPOCHLORITE SOLUTN >16%
Trade name:	Not reported
Amount:	0. GAL
Result:	Spillage
Hazard Class:	80
ID Number:	UN1791
Hazardous:	False
R.Q. met:	False
Misc. info:	100 100
Vehicle Type:	Van truck/trailer
Trans. phase:	263

(Continued) **2000091310**

Land use:	272
Community:	281
Accident/Derailment:	False
Estimated speed:	F
Highway type:	999
number of lanes:	0
Number evacuated:	0
Major injuries:	0
Minor injuries:	0
Fatalities:	0
Product loss:	100
Carrier damage:	0
Pvt/Pub damage:	0
Cleanup cost:	25
Other damage:	0
Reported damage:	125
Incident damage:	0

Inner and Outer Container Information:

Container type:	JAR PLS
Container capacity:	1. GAL
Number failed:	3
Number in shipment:	4
Container gauge:	Not reported
Manufacture's ID:	24649
Manuf. name:	ECO-LABS INC AVENEL, NJ
Tank serial #:	Not reported
Label:	WHITE
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Loose fitting
Contributing Object:	No object
Contributing failure:	LEAKED
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	0
Number failed code:	0
Shipment code number:	0
Container type:	BOX FBR
Container capacity:	4. GAL
Number failed:	1
Number in shipment:	1
Container gauge:	Not reported
Manufacture's ID:	24649
Manuf. name:	ECO-LABS INC AVENEL, NJ
Tank serial #:	Not reported
Label:	WHITE
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	WET
Contributing Object:	Water
Contributing failure:	WET
Affected side:	Bottom

(Continued) **2000091310**

Other contributing cause:	Package material
Capacity container code:	0
Number failed code:	0
Shipment code number:	0

Remarks:

THE PACKAGE WAS UNLOADED WITH LEAKAGE NOTED ON THE BOX. EXAMINATION OF THE INNER CONTAINER REVEALED THAT THE CONTAINER(S) HAD LOOSE CAP(S) AND LEAKED. THE LEAKAGE WAS CONTAINED. THE CAP(S) WERE SECURED. THE CARTON WAS WET BUT OTHERWISE UNDAMAGED. THE PACKAGE WAS REPACKED FOR RETURN TO SHIPPER.

A13 **55-90 47 TH ST** **HMIRS** **2007437404**
55-90 47 TH ST **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 13 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:

Report #:	2006080087
System ID:	412967
Report type:	A
Incident site:	55-90 47 TH ST MASPETH, NY 11378
Incident county:	QUEENS
Incident country:	US
Incident date:	06/29/06
Incident time:	1434
NRC report #:	0
Other fed agency reported to:	Not reported
Other agency report #:	Not reported
Incident foreign country:	Not reported
Transportation mode:	4
Transportation phase:	263
Carrier DOT ID:	265752
Carrier Hazmat ID:	062904001002M
Carrier name:	Fedex Ground Package System, Inc.
Carrier address:	1000 Fedex Drive MOON TOWNSHIP, PA 15108
Carrier country:	US
Incident consequence:	Spillage
EMS/Fire crew responded:	Not reported
EMS/Fire crew report #:	Not reported
Police responded:	Not reported
Police report #:	Not reported
In-house cleanup occurred:	True
Other cleanup occurred:	Not reported
Estimated damages exceed $500:	False
Value of material lost:	0
Value of carrier loss:	0
Value of pub/priv property loss:	0
Response cost:	0
Remediation cost:	0

Details of fatalities by vapor/fire/explosion of hazardous material:

Did Fatalities occur:	False
No. of employee fatalities:	0

55-90 47 TH ST (Continued) **2007437404**

No. of responder fatalities: 0
No. of public fatalities: 0

Details of fatalities not due to hazardous material:
Did fatalities occur: Not reported
No. of dead persons: 0

Details of injuries due to hazardous material:
Did injuries occur: False
No. of employees hospitalized: 0
No. of employees not hospitalized: 0
No. of responders hospitalized: 0
No. of responders not hospitalized: 0
No. of public hospitalized: 0
No. of public not hospitalized: 0
Evacuation was required: False
No. of employees evacuated: 0
No. of public evacuated: 0
Total number evacuated: 0
Evacuation time in hours: 0
Road/facility was closed: False
No. of hours closed: 0
Hazmat invloved in crash/derailment: False
Estimated speed of crash: 0
Crash weather conditions: Not reported
Vehicle overturned: Not reported
Did vehicle leave road/track: Not reported
Where incident occurred/discovered: Not reported
Shipment handling details: Not reported

Incident report preparer details:
Preparer name: Scott Kerr
Preparer title: TSM Manager II - Safety
Hazmat registration ID: 062904001002M
Employer business name: Fedex Ground Package System, Inc.
Address: 1000 Fedex Drive
MOON TOWNSHIP, PA 15108
Country: US
Report date: 08/04/06
Telephone: 412-859-5051
Fax: 412-859-5045
Business type: C
Preparer other function: Not reported

A14 **55-90 47 TH ST** **HMIRS** **2009046787**
55-90 47 TH ST **N/A**
< 1/8 **FLUSHING, NY 11378**
1 ft.

Site 14 of 159 in cluster A

Relative: HMIRS:
Lower
Actual: Report Number: X-2009040051
7 ft. Report Source: XML
Multiple Rows per Incident: No
Report Type: A hazardous material incident
Date of Incident: 3/17/2009
Time of Incident: 600
NRC Number: Not reported
Fed DOT Agency Name: Not reported

55-90 47 TH ST (Continued) **2009046787**

Fed DOT Report #:	Not reported
Incident City:	FLUSHING
Incident County:	Queen
Incident State:	NY
Incident Zip:	11378
Incident Non-US State:	Not reported
Incident Country:	US
Incident Route:	55-90 47 th st
Mode of Transportation:	Highway
Transportation Phase:	Unloading
Carrier/Reporter Name:	FEDEX GROUND PACKAGE SYSTEM INC
Carrier/Reporter Street:	1000 FEDEX DRIVE
Carrier/Reporter City:	MOON TOWNSHIP
Carrier/Reporter State:	PA
Carrier/Reporter Zip:	15108
Carrier/Reporter Non-US State:	Not reported
Carrier/Reporter FED DOT ID:	265752
Carrier/Reporter HAZMAT ID:	062904001002M
Carrier/Reporter Country:	US
Shipper Name:	ATLANTIC PLYWOOD
Shipper Street:	75 AMOR AVE
Shipper City:	CARLSTADT
Shipper State:	NJ
Shipper Zip:	7072
Shipper Non-US State:	Not reported
Shipper Country:	US
Waybill/Shipping Paper:	568686130177530
Shipper HAZMAT Registration ID:	Not reported
Origin City:	Not reported
Origin State:	Not reported
Origin Zip:	Not reported
Origin Non-US State:	Not reported
Origin Country:	Not reported
Destination City:	BRONX
Destination State:	NY
Destination Postal Code:	10454
Destination Non-US State:	Not reported
Destination Country:	US
Commodity Short Name:	PAINT OR PAINT RELATED
Commodity Long Name:	PAINT (including Paint Lacquer Enamel Stain Shellac Solutions Varnish Polish Liquid Filler and Liquid Lacquer Base) or PAINT RELATED MATERIAL (including Paint Thinning or Reducing Compound)
Technical/Trade Name:	Not reported
Identification Number:	UN1263
Hazardous Class Code:	3
Hazardous Class:	FLAMMABLE - COMBUSTIBLE LIQUID
Packing Group:	II
Quantity Released:	2
Unit of Measure:	LGA
Unit of Measure Description:	Liquid - Gallon
HAZMAT Waste Indicator:	No
HAZMAT Waste EPA ID:	Not reported
HMIS Toxic by Inhalation:	No
TIH Hazard Zone:	Not reported
Material Shipment Approval:	No
Mat. Shipment Approval #:	Not reported
Undeclared HAZMAT Shipment:	No

55-90 47 TH ST (Continued) **2009046787**

Packaging Type:	Non-Bulk
What Failed Code:	109
What Failed Description:	Closure (e.g. Cap Top or Plug)
How Failed Code:	303
How Failed Description:	Burst or Ruptured
Failure Cause Code:	511
Failure Cause Description:	Dropped
Identification Markings:	4G/Y38.5/S/08USA/+AX5040
Cont1 Packaging Type:	Not reported
Cont1 Material of Construction:	Not reported
Cont1 Head Type:	Not reported
Cont1 Package Capacity:	Not reported
Cont1 Package Capacity UOM:	Not reported
Cont1 Package Amount:	Not reported
Cont1 Package Amount UOM:	Not reported
Cont1 Pkg Number:	Not reported
Cont1 Pkg Shipment # Failed:	Not reported
Cont1 Package Manufacturer:	Not reported
Cont1 Pkg Manufacturer Date:	Not reported
Cont1 Package Serial Number:	Not reported
Cont1 Package Last Test Date:	Not reported
Cont1 Test Material Of Const:	Not reported
Cont1 Pkg Dsign Pressure Rpted:	Not reported
Cont1 Dsign Pressure UOM Rpted:	Not reported
Cont1 Pkg Shell Thickness Rptd:	Not reported
Cont1 Shell Thickness UOM Rptd:	Not reported
Cont1 Head Thickness Reported:	Not reported
Cont1 Head Thickness UOM Rpted:	Not reported
Cont1 Pkg Srvc Pressure Rpted:	Not reported
Cont1 Srvc Pressure UOM Rpted:	Not reported
Cont1 Valve or Device Fail Ind:	No
Cont1 Valve or Device Type:	Not reported
Cont1 Val Device Manufacturer:	Not reported
Cont1 Valve or Device Model:	Not reported
Cont2 Package Type:	Not reported
Cont2 Material of Construction:	Not reported
Cont2 Package Capacity:	Not reported
Cont2 Capacity UOM Reported:	Not reported
Cont2 Package Amount:	Not reported
Cont2 Package Amount UOM:	Not reported
Cont2 Pkg Number in Shipment:	Not reported
Cont2 Pkg Shipment # Failed:	Not reported
RAM Package Category:	Not reported
RAM Package Certification:	Not reported
RAM Package Certification #:	Not reported
RAM Nuclide(s) Present:	Not reported
RAM Transport Index:	Not reported
RAM UOM:	Not reported
RAM Activity Rpted:	Not reported
RAM UOM Rpted:	Not reported
RAM Activity:	Not reported
RAM Activity UOM:	Not reported
RAM Material Safety Index:	Not reported
Spillage (Ind:	Yes
Fire Ind:	No
Explosion Ind:	No
Water Sewer Ind:	No

55-90 47 TH ST (Continued) **2009046787**

Gas Dispersion Ind:	No
Environmental Damage:	No
No Release Ind:	No
Fire/EMS Report Ind:	No
Fire EMS/EMS Report #:	Not reported
Police Report Ind:	No
Police Report #:	Not reported
In-House Cleanup Ind:	Yes
Other Cleanup Ind:	No
Damage More Than 500:	No
Material Loss:	0
Carrier Damage:	0
Property Damage:	0
Response Cost:	0
Remediation Cleanup Cost:	0
Damage Other (Old Form):	0
Total Amount of Damages:	0
HAZMAT Fatality Indicator:	No
HAZMAT Fatalities Employees:	0
HAZMAT Fatalities Responders:	0
HAZMAT Fatality Gen. Public:	0
Hazmat Fatalities (Old Form):	0
Total Hazmat Fatalities:	0
Non_HAZMAT Fatality Indicator:	No
Non-HAZMAT Fatalities:	0
HAZMAT Injury Indicator:	No
HAZMAT Hospitalized Employees:	0
HAZMAT Hospitalized Responders:	0
HAZMAT Hospitalized Gen Public:	0
HAZMAT Hospitalized (Old Form):	0
Total Hazmat Hosp Injuries:	0
HAZMAT NonHosp Employees:	0
HAZMAT NonHosp Responders:	0
HAZMAT NonHosp Gen. Public:	0
HAZMAT NonHosp (Old Form):	0
Total Hazmat NonHosp Injuries:	0
Total Hazmat Injuries:	0
Evacuation Indicator:	No
Public Evacuated:	0
Employees Evacuated:	0
Total Evacuated:	0
Total Evacuation Hours:	0
Major Artery Closed:	No
Major Artery Hours Closed:	0
Material Involved in Accident:	No
Estimated Speed:	0
Weather Conditions:	Not reported
Vehicle Overturn:	No
Vehicle Left Roadway/Track:	No
Passenger Aircraft Indicator:	No
Cargo Passenger Baggage Ind:	Not reported
Incident Occurrence:	Not reported
Shipphase Non-Transported Ind:	No
Shipphase Air First Flight Ind:	No
Shipphase Air SubFlight Ind:	No
Shipphase Init Transport Ind:	No
Shipphase Transfer Indicator:	No

55-90 47 TH ST (Continued) **2009046787**

Contact Name:	Travis McEwen
Contact Title:	Safety Specialist III - Hazmat
Contact Business Name:	FEDEX GROUND PACKAGE SYSTEM INC
Contact Street:	1000 FEDEX DRIVE
Contact City:	MOON TOWNSHIP
Contact State:	PA
Contact Postal Code:	15108
Contact Non-US State:	Not reported
Contact Country:	US
Preparer of Incident Report:	Carrier
Description of Events:	The pail was dropped during handling causing leakage. The leakage was contained and the package was repacked. Undamaged product was returned to the shipper. The damaged product was properly disposed of in accordance with Federal Regulations.
Recommendations/Actions Taken:	Not reported
Recommendations/Actions:	Not reported
HMIS Serious Incident Ind:	No
HMIS Serious Fatality:	No
HMIS Serious Injury:	No
HMIS Serious Flight Plan:	No
HMIS Serious Evacuations:	No
HMIS Serious Major Artery:	No
HMIS Serious Bulk Release:	No
HMIS Serious Marine Pollutant:	No
HMIS Serious Radioactive:	No
HMIS General Package Type:	BOX FIBER
HMIS Container Code:	4G
HMIS Container Description:	Fiberboard box
HMIS Bulk Incident Indicator:	No
Undeclared Shipment:	No

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15 **ISLAND TRANSPORTATION** **NY Spills** **S102961839**
47TH ST **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Relative:
Lower

Actual:
6 ft.

SPILLS:

Name:	ISLAND TRANSPORTATION
Address:	47TH ST
City,State,Zip:	MASPETH, NY
Spill Number/Closed Date:	9709690 / 1998-01-08
Facility ID:	9709690
Facility Type:	ER
DER Facility ID:	75717
Site ID:	82008
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	B3
SWIS:	4101
Spill Date:	1997-11-14
Investigator:	TOMASELLO
Referred To:	Not reported
Reported to Dept:	1997-11-20
CID:	370
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported

ISLAND TRANSPORTATION (Continued) **S102961839**

Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1997-11-20
Spill Record Last Update:	1998-01-21
Spiller Name:	Not reported
Spiller Company:	ISLAND TRANSPORTATION
Spiller Address:	5700 47TH ST
Spiller Company:	001
Contact Name:	ABOVE CALLER
DEC Memo:	""
Remarks:	"unk cause of spill spill to soil spill contained and cleanup in progress"

All Materials:

Site ID:	82008
Operable Unit ID:	1056014
Operable Unit:	01
Material ID:	328025
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

A16 **55-90 47 TH ST** **HMIRS** **2007446307**
55-90 47 TH ST **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 15 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:

Report #:	2006120272
System ID:	422634
Report type:	A
Incident site:	55-90 47 th st MASPETH, NY 11378
Incident county:	queens
Incident country:	US
Incident date:	11/22/06
Incident time:	0648
NRC report #:	0
Other fed agency reported to:	Not reported
Other agency report #:	Not reported
Incident foreign country:	Not reported
Transportation mode:	4
Transportation phase:	262
Carrier DOT ID:	265752
Carrier Hazmat ID:	062904001002M
Carrier name:	Fedex Ground Package System, Inc.
Carrier address:	1000 Fedex Drive MOON TOWNSHIP, PA 15108

55-90 47 TH ST (Continued) **2007446307**

Carrier country:	US
Incident consequence:	Spillage
EMS/Fire crew responded:	Not reported
EMS/Fire crew report #:	Not reported
Police responded:	Not reported
Police report #:	Not reported
In-house cleanup occurred:	True
Other cleanup occurred:	Not reported
Estimated damages exceed $500:	False
Value of material lost:	0
Value of carrier loss:	0
Value of pub/priv property loss:	0
Response cost:	0
Remediation cost:	0

Details of fatalities by vapor/fire/explosion of hazardous material:

Did Fatalities occur:	False
No. of employee fatalities:	0
No. of responder fatalities:	0
No. of public fatalities:	0

Details of fatalities not due to hazardous material:

Did fatalities occur:	Not reported
No. of dead persons:	0

Details of injuries due to hazardous material:

Did injuries occur:	False
No. of employees hospitalized:	0
No. of employees not hospitalized:	0
No. of responders hospitalized:	0
No. of responders not hospitalized:	0
No. of public hospitalized:	0
No. of public not hospitalized:	0
Evacuation was required:	False
No. of employees evacuated:	0
No. of public evacuated:	0
Total number evacuated:	0
Evacuation time in hours:	0
Road/facility was closed:	False
No. of hours closed:	0
Hazmat invloved in crash/derailment:	False
Estimated speed of crash:	0
Crash weather conditions:	Not reported
Vehicle overturned:	Not reported
Did vehicle leave road/track:	Not reported
Where incident occurred/discovered:	Not reported
Shipment handling details:	Not reported

Incident report preparer details:

Preparer name:	Scott Kerr
Preparer title:	TSM Manager II - Safety
Hazmat registration ID:	062904001002M
Employer business name:	Fedex Ground Package System, Inc.
Address:	1000 Fedex Drive MOON TOWNSHIP, PA 15108
Country:	US
Report date:	12/20/06
Telephone:	412-859-5051

55-90 47 TH ST (Continued) **2007446307**

Fax:	412-859-5045
Business type:	C
Preparer other function:	Not reported

A17 **55-90 47TH ST** **HMIRS** **2013011317**
55-90 47TH ST **N/A**
< 1/8 **MASPETH, NY 11378**
1 ft.

Site 16 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:

Report Number:	X-2013100016
Report Source:	XML
Multiple Rows per Incident:	No
Report Type:	A hazardous material incident
Date of Incident:	2013-09-03 00:00:00
Time of Incident:	0600
NRC Number:	Not reported
Fed DOT Agency Name:	Not reported
Fed DOT Report #:	Not reported
Incident City:	MASPETH
Incident County:	QUEENS
Incident State:	NY
Incident Zip:	11378
Incident Non-US State:	Not reported
Incident Country:	US
Incident Route:	55-90 47th st
Mode of Transportation:	Highway
Transportation Phase:	UNLOADING
Carrier/Reporter Name:	FEDEX GROUND PACKAGE SYSTEM INC.
Carrier/Reporter Street:	1000 FED EX DR
Carrier/Reporter City:	CORAOPOLIS
Carrier/Reporter State:	Not reported
Carrier/Reporter Zip:	15108
Carrier/Reporter Non-US State:	PA
Carrier/Reporter FED DOT ID:	265752
Carrier/Reporter HAZMAT ID:	051910551007S
Carrier/Reporter Country:	UN
Shipper Name:	ATLANTIC PLYWOOD
Shipper Street:	999 S OYSTER BAY RD
Shipper City:	BETHPAGE
Shipper State:	Not reported
Shipper Zip:	11714
Shipper Non-US State:	NY
Shipper Country:	UNITED STATES
Waybill/Shipping Paper:	941701415027344
Shipper HAZMAT Registration ID:	Not reported
Origin City:	BETHPAGE
Origin State:	NE
Origin Zip:	11714
Origin Non-US State:	Not reported
Origin Country:	US
Destination City:	BROOKLYN
Destination State:	NE
Destination Postal Code:	11237
Destination Non-US State:	Not reported
Destination Country:	US
Commodity Short Name:	PAINT INCLUDING PAINT L

55-90 47TH ST (Continued) **2013011317**

Commodity Long Name:	PAINT INCLUDING PAINT LACQUER ENAMEL STAIN SHELLAC SOLUTIONS VARNISH POLISH LIQUID FILLER AND LIQUID LACQUER BASE
Technical/Trade Name:	PAINT
Identification Number:	UN1263
Hazardous Class Code:	3
Hazardous Class:	FLAMMABLE - COMBUSTIBLE LIQUID
Packing Group:	II
Quantity Released:	2
Unit of Measure:	LGA
Unit of Measure Description:	Liquid - Gallon
HAZMAT Waste Indicator:	No
HAZMAT Waste EPA ID:	Not reported
HMIS Toxic by Inhalation:	No
TIH Hazard Zone:	Not reported
Material Shipment Approval:	No
Mat. Shipment Approval #:	Not reported
Undeclared HAZMAT Shipment:	No
Packaging Type:	Non-Bulk
What Failed Code:	110
What Failed Description:	Cover
How Failed Code:	302
How Failed Description:	Bent
Failure Cause Code:	511
Failure Cause Description:	Dropped
Identification Markings:	Not reported
Cont1 Packaging Type:	Box
Cont1 Material of Construction:	Fiberboard
Cont1 Head Type:	Not reported
Cont1 Package Capacity:	Not reported
Cont1 Package Capacity UOM:	Not reported
Cont1 Package Amount:	Not reported
Cont1 Package Amount UOM:	Not reported
Cont1 Pkg Number:	Not reported
Cont1 Pkg Shipment # Failed:	Not reported
Cont1 Package Manufacturer:	Not reported
Cont1 Pkg Manufacturer Date:	Not reported
Cont1 Package Serial Number:	Not reported
Cont1 Package Last Test Date:	Not reported
Cont1 Test Material Of Const:	Not reported
Cont1 Pkg Dsign Pressure Rpted:	Not reported
Cont1 Dsign Pressure UOM Rpted:	Not reported
Cont1 Pkg Shell Thickness Rptd:	Not reported
Cont1 Shell Thickness UOM Rptd:	Not reported
Cont1 Head Thickness Reported:	Not reported
Cont1 Head Thickness UOM Rpted:	Not reported
Cont1 Pkg Srvc Pressure Rpted:	Not reported
Cont1 Srvc Pressure UOM Rpted:	Not reported
Cont1 Valve or Device Fail Ind:	No
Cont1 Valve or Device Type:	Not reported
Cont1 Val Device Manufacturer:	Not reported
Cont1 Valve or Device Model:	Not reported
Cont2 Package Type:	Can
Cont2 Material of Construction:	Metal (any type)
Cont2 Package Capacity:	Not reported
Cont2 Capacity UOM Reported:	Not reported
Cont2 Package Amount:	Not reported
Cont2 Package Amount UOM:	Not reported

55-90 47TH ST (Continued) **2013011317**

Cont2 Pkg Number in Shipment:	Not reported
Cont2 Pkg Shipment # Failed:	Not reported
RAM Package Category:	Not reported
RAM Package Certification:	FALSE
RAM Package Certification #:	Not reported
RAM Nuclide(s) Present:	Not reported
RAM Transport Index:	Not reported
RAM UOM:	Not reported
RAM Activity Rpted:	Not reported
RAM UOM Rpted:	Not reported
RAM Activity:	Not reported
RAM Activity UOM:	Not reported
RAM Material Safety Index:	Not reported
Spillage (Ind:	Yes
Fire Ind:	No
Explosion Ind:	No
Water Sewer Ind:	No
Gas Dispersion Ind:	No
Environmental Damage:	No
No Release Ind:	No
Fire/EMS Report Ind:	No
Fire EMS/EMS Report #:	Not reported
Police Report Ind:	No
Police Report #:	Not reported
In-House Cleanup Ind:	Yes
Other Cleanup Ind:	No
Damage More Than 500:	No
Material Loss:	0
Carrier Damage:	0
Property Damage:	0
Response Cost:	0
Remediation Cleanup Cost:	0
Damage Other (Old Form):	0
Total Amount of Damages:	0
HAZMAT Fatality Indicator:	No
HAZMAT Fatalities Employees:	0
HAZMAT Fatalities Responders:	0
HAZMAT Fatality Gen. Public:	0
Hazmat Fatalities (Old Form):	0
Total Hazmat Fatalities:	Not reported
Non_HAZMAT Fatality Indicator:	No
Non-HAZMAT Fatalities:	0
HAZMAT Injury Indicator:	No
HAZMAT Hospitalized Employees:	0
HAZMAT Hospitalized Responders:	0
HAZMAT Hospitalized Gen Public:	0
HAZMAT Hospitalized (Old Form):	0
Total Hazmat Hosp Injuries:	0
HAZMAT NonHosp Employees:	0
HAZMAT NonHosp Responders:	0
HAZMAT NonHosp Gen. Public:	0
HAZMAT NonHosp (Old Form):	0
Total Hazmat NonHosp Injuries:	0
Total Hazmat Injuries:	0
Evacuation Indicator:	No
Public Evacuated:	0
Employees Evacuated:	0

55-90 47TH ST (Continued) **2013011317**

Total Evacuated:	0
Total Evacuation Hours:	0
Major Artery Closed:	No
Major Artery Hours Closed:	0
Material Involved in Accident:	No
Estimated Speed:	0
Weather Conditions:	Not reported
Vehicle Overturn:	No
Vehicle Left Roadway/Track:	No
Passenger Aircraft Indicator:	No
Cargo Passenger Baggage Ind:	Not reported
Incident Occurrence:	Not reported
Shipphase Non-Transported Ind:	No
Shipphase Air First Flight Ind:	No
Shipphase Air SubFlight Ind:	No
Shipphase Init Transport Ind:	No
Shipphase Transfer Indicator:	Not reported
Contact Name:	GEORGE FETSKO
Contact Title:	SAFETY PROCESS SPECIALIST I - HAZMAT
Contact Business Name:	Fedex Ground Package System Inc.
Contact Street:	1000 Fedex Drive
Contact City:	Moon Township
Contact State:	PA
Contact Postal Code:	15108
Contact Non-US State:	Not reported
Contact Country:	US
Preparer of Incident Report:	Carrier
Description of Events:	The package was dropped in handling. Examination of the inner container revealed a ruptured seam which allowed the contents to escape. The leakage was contained. The undamaged portion of the package was repacked for return to shipper.
Recommendations/Actions Taken:	Not reported
Recommendations/Actions:	Not reported
HMIS Serious Incident Ind:	No
HMIS Serious Fatality:	No
HMIS Serious Injury:	No
HMIS Serious Flight Plan:	No
HMIS Serious Evacuations:	No
HMIS Serious Major Artery:	No
HMIS Serious Bulk Release:	No
HMIS Serious Marine Pollutant:	No
HMIS Serious Radioactive:	No
HMIS General Package Type:	OHMIR.Ref_Container.descr
HMIS Container Code:	BOX FBR
HMIS Container Description:	Not reported
HMIS Bulk Incident Indicator:	No
Undeclared Shipment:	No

A18 **HMIRS** **2000090559**
55-90 47TH STREET **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 17 of 159 in cluster A

Relative: HMIRS:
Lower

Actual:
7 ft.

Report #:	2000090559
Site location:	55-90 47TH STREET MASPETH, NY
Place of origin:	3601 PLANKS RD PMB 398 FREDERICKSBURG, VA 22407
Destination:	MASTERLOCK & SAFE CO 65-55 GRAND AVER MASPETH, NY 11378
Carrier ID:	92098
Carrier reporting #:	34-144-1019
Carrier:	FEDEX GROUND PACKAGE SYSTEM IN
Carrier address:	P O BOX 108 PITTSBURGH, PA 152300108
Shipper ID:	96290
Shipper name:	ALPHA MATERIALS
Shipper address:	3601 PLANKS RD PMB 398 FREDERICKSBURG, VA 22407
Shipping paper number:	00676790029355
Consignee ID:	80350
Consignee name:	MASTERLOCK & SAFE CO
Consignee addess:	65-55 GRAND AVER MASPETH, NY 11378
General cause:	10
Transportation mode:	4
Date:	08/13/2000
Commodity name:	CORROS LIQ BASIC ORGANIC
Trade name:	Not reported
Amount:	0. GAL
Result:	Spillage
Hazard Class:	80
ID Number:	UN3267
Hazardous:	False
R.Q. met:	False
Misc. info:	100 100
Vehicle Type:	Van truck/trailer
Trans. phase:	263
Land use:	272
Community:	281
Accident/Derailment:	False
Estimated speed:	F
Highway type:	999
number of lanes:	0
Number evacuated:	0
Major injuries:	0
Minor injuries:	0
Fatalities:	0
Product loss:	100
Carrier damage:	0
Pvt/Pub damage:	0
Cleanup cost:	25
Other damage:	0
Reported damage:	125

(Continued) **2000090559**

Incident damage: 0

Inner and Outer Container Information:
Container type: JUG PLS
Container capacity: 1. GAL
Number failed: 1
Number in shipment: 4
Container gauge: Not reported
Manufacture's ID: 16222
Manuf. name: NOT REPORTED BY CARRIER
UNKNOWN, XX
Tank serial #: Not reported
Label: Not reported
Registration #: Not reported
Inspection date: / /
Exemption #: Not reported
Contributing cause: Loose fitting
Contributing Object: No object
Contributing failure: LEAKED
Affected side: Top
Other contributing cause: Closure
Capacity container code: 0
Number failed code: 0
Shipment code number: 0
Container type: 4G
Container capacity: 4. GAL
Number failed: 1
Number in shipment: 1
Container gauge: UN4G/Y28/S/9
Manufacture's ID: 96291
Manuf. name: BRADSON
DANBURY, CT
Tank serial #: Not reported
Label: WHITE
Registration #: M4899
Inspection date: / /
Exemption #: Not reported
Contributing cause: WET
Contributing Object: Water
Contributing failure: WET
Affected side: Bottom
Other contributing cause: Package material
Capacity container code: 0
Number failed code: 0
Shipment code number: 0

Remarks:

(A) THE PACKAGE WAS DROPPED IN HANDLING. EXAMINATION OF THE INNER CONTAINER REVEALED A RUPTURED SEAM WHICH ALLOWED THE CONTENTS TO ESCAPE.
THE LEAKAGE WAS CONTAINED. THE PACKAGE WAS REPACKED FOR RETURN TO SHIPPER.
(B) THE PACKAGE WAS UNLOADED WITH LEAKAGE NOTED ON THE BOX. EXAMINATION
OF THE INNER CONTAINER REVEALED THAT THE CONTAINER(S) HAD LOOSE CAP(S) AND

(Continued) **2000090559**

LEAKED. THE LEAKAGE WAS CONTAINED. THE CAP(S) WERE SECURED. THE CARTON
WAS WET BUT OTHERWISE UNDAMAGED. THE PACKAGE WAS REPACKED FOR RETURN TO
SHIPPER.

A19 **55-90 47TH STREET** **HMIRS** **2011008383**
55-90 47TH STREET **N/A**
< 1/8 **MASPETH, NY 11378**
1 ft.

Site 18 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:

Report Number:	X-2011040190
Report Source:	XML
Multiple Rows per Incident:	No
Report Type:	A hazardous material incident
Date of Incident:	03/30/2011
Time of Incident:	0600
NRC Number:	Not reported
Fed DOT Agency Name:	Not reported
Fed DOT Report #:	Not reported
Incident City:	Maspeth
Incident County:	Queen
Incident State:	NY
Incident Zip:	11378
Incident Non-US State:	Not reported
Incident Country:	US
Incident Route:	55-90 47th street
Mode of Transportation:	Highway
Transportation Phase:	UNLOADING
Carrier/Reporter Name:	FEDEX GROUND PACKAGE SYSTEM INC.
Carrier/Reporter Street:	1000 FED EX DR
Carrier/Reporter City:	CORAOPOLIS
Carrier/Reporter State:	PA
Carrier/Reporter Zip:	15108
Carrier/Reporter Non-US State:	Not reported
Carrier/Reporter FED DOT ID:	1470984
Carrier/Reporter HAZMAT ID:	051910551007S
Carrier/Reporter Country:	US
Shipper Name:	KELLERMEYER COMPANY
Shipper Street:	520 N DUNBRIDGE RD
Shipper City:	BOWLING GREEN
Shipper State:	OH
Shipper Zip:	43402
Shipper Non-US State:	Not reported
Shipper Country:	US
Waybill/Shipping Paper:	647743236033248
Shipper HAZMAT Registration ID:	Not reported
Origin City:	BOWLING GREEN
Origin State:	OH
Origin Zip:	43402
Origin Non-US State:	Not reported
Origin Country:	US
Destination City:	BROOKLYN
Destination State:	Not reported
Destination Postal Code:	Not reported
Destination Non-US State:	Not reported

55-90 47TH STREET (Continued) **2011008383**

Destination Country:	US
Commodity Short Name:	CORROS LIQ BASIC INORGANI
Commodity Long Name:	CORROSIVE LIQUID BASIC INORGANIC N.O.S.
Technical/Trade Name:	SODIUM HYDROXIDE MON
Identification Number:	UN3266
Hazardous Class Code:	8
Hazardous Class:	CORROSIVE MATERIAL
Packing Group:	II
Quantity Released:	2
Unit of Measure:	LGA
Unit of Measure Description:	Liquid - Gallon
HAZMAT Waste Indicator:	No
HAZMAT Waste EPA ID:	Not reported
HMIS Toxic by Inhalation:	No
TIH Hazard Zone:	Not reported
Material Shipment Approval:	No
Mat. Shipment Approval #:	Not reported
Undeclared HAZMAT Shipment:	No
Packaging Type:	Non-Bulk
What Failed Code:	109
What Failed Description:	Closure (e.g. Cap Top or Plug)
How Failed Code:	304
How Failed Description:	Cracked
Failure Cause Code:	526
Failure Cause Description:	Loose Closure Component or Device
Identification Markings:	Not reported
Cont1 Packaging Type:	Box
Cont1 Material of Construction:	Fiberboard
Cont1 Head Type:	Not reported
Cont1 Package Capacity:	Not reported
Cont1 Package Capacity UOM:	Not reported
Cont1 Package Amount:	Not reported
Cont1 Package Amount UOM:	Not reported
Cont1 Pkg Number:	Not reported
Cont1 Pkg Shipment # Failed:	Not reported
Cont1 Package Manufacturer:	Not reported
Cont1 Pkg Manufacturer Date:	Not reported
Cont1 Package Serial Number:	Not reported
Cont1 Package Last Test Date:	Not reported
Cont1 Test Material Of Const:	Not reported
Cont1 Pkg Dsign Pressure Rpted:	Not reported
Cont1 Dsign Pressure UOM Rpted:	Not reported
Cont1 Pkg Shell Thickness Rptd:	Not reported
Cont1 Shell Thickness UOM Rptd:	Not reported
Cont1 Head Thickness Reported:	Not reported
Cont1 Head Thickness UOM Rpted:	Not reported
Cont1 Pkg Srvc Pressure Rpted:	Not reported
Cont1 Srvc Pressure UOM Rpted:	Not reported
Cont1 Valve or Device Fail Ind:	No
Cont1 Valve or Device Type:	Not reported
Cont1 Val Device Manufacturer:	Not reported
Cont1 Valve or Device Model:	Not reported
Cont2 Package Type:	Bottle
Cont2 Material of Construction:	Plastic
Cont2 Package Capacity:	Not reported
Cont2 Capacity UOM Reported:	Not reported
Cont2 Package Amount:	Not reported

55-90 47TH STREET (Continued) **2011008383**

Cont2 Package Amount UOM:	Not reported
Cont2 Pkg Number in Shipment:	Not reported
Cont2 Pkg Shipment # Failed:	Not reported
RAM Package Category:	Not reported
RAM Package Certification:	FALSE
RAM Package Certification #:	Not reported
RAM Nuclide(s) Present:	Not reported
RAM Transport Index:	Not reported
RAM UOM:	Not reported
RAM Activity Rpted:	Not reported
RAM UOM Rpted:	Not reported
RAM Activity:	Not reported
RAM Activity UOM:	Not reported
RAM Material Safety Index:	Not reported
Spillage (Ind:	Yes
Fire Ind:	No
Explosion Ind:	No
Water Sewer Ind:	No
Gas Dispersion Ind:	No
Environmental Damage:	No
No Release Ind:	No
Fire/EMS Report Ind:	No
Fire EMS/EMS Report #:	Not reported
Police Report Ind:	No
Police Report #:	Not reported
In-House Cleanup Ind:	No
Other Cleanup Ind:	No
Damage More Than 500:	No
Material Loss:	0
Carrier Damage:	0
Property Damage:	0
Response Cost:	0
Remediation Cleanup Cost:	0
Damage Other (Old Form):	0
Total Amount of Damages:	0
HAZMAT Fatality Indicator:	No
HAZMAT Fatalities Employees:	0
HAZMAT Fatalities Responders:	0
HAZMAT Fatality Gen. Public:	0
Hazmat Fatalities (Old Form):	0
Total Hazmat Fatalities:	Not reported
Non_HAZMAT Fatality Indicator:	No
Non-HAZMAT Fatalities:	0
HAZMAT Injury Indicator:	No
HAZMAT Hospitalized Employees:	0
HAZMAT Hospitalized Responders:	0
HAZMAT Hospitalized Gen Public:	0
HAZMAT Hospitalized (Old Form):	0
Total Hazmat Hosp Injuries:	0
HAZMAT NonHosp Employees:	0
HAZMAT NonHosp Responders:	0
HAZMAT NonHosp Gen. Public:	0
HAZMAT NonHosp (Old Form):	0
Total Hazmat NonHosp Injuries:	0
Total Hazmat Injuries:	0
Evacuation Indicator:	No
Public Evacuated:	0

55-90 47TH STREET (Continued) **2011008383**

Employees Evacuated:	0
Total Evacuated:	0
Total Evacuation Hours:	0
Major Artery Closed:	No
Major Artery Hours Closed:	0
Material Involved in Accident:	No
Estimated Speed:	0
Weather Conditions:	Not reported
Vehicle Overturn:	No
Vehicle Left Roadway/Track:	No
Passenger Aircraft Indicator:	No
Cargo Passenger Baggage Ind:	Not reported
Incident Occurrence:	Not reported
Shipphase Non-Transported Ind:	No
Shipphase Air First Flight Ind:	No
Shipphase Air SubFlight Ind:	No
Shipphase Init Transport Ind:	No
Shipphase Transfer Indicator:	No
Contact Name:	GEORGE FETSKO
Contact Title:	SAFETY PROCESS SPECIALIST I - HAZMAT
Contact Business Name:	Fedex Ground Package System Inc.
Contact Street:	1000 Fedex Drive
Contact City:	Moon Township
Contact State:	PA
Contact Postal Code:	15108
Contact Non-US State:	Not reported
Contact Country:	US
Preparer of Incident Report:	Carrier
Description of Events:	The package was unloaded with leakage noted on the box. Examination of the inner container revealed that the container(s) had loose cap(s) and leaked. The leakage was contained. The cap(s) were secured. The carton was wet but otherwise undamaged. The undamaged portion of the package was repacked for return to shipper.
Recommendations/Actions Taken:	Not reported
Recommendations/Actions:	Not reported
HMIS Serious Incident Ind:	No
HMIS Serious Fatality:	No
HMIS Serious Injury:	No
HMIS Serious Flight Plan:	No
HMIS Serious Evacuations:	No
HMIS Serious Major Artery:	No
HMIS Serious Bulk Release:	No
HMIS Serious Marine Pollutant:	No
HMIS Serious Radioactive:	No
HMIS General Package Type:	OHMIR.Ref_Container.descr
HMIS Container Code:	BOX FBR
HMIS Container Description:	Fiberboard box or carton
HMIS Bulk Incident Indicator:	No
Undeclared Shipment:	No

A20 **HMIRS** **2000081386**
N/A

55-90 47TH STREET
< 1/8 **MASPETH, NY**
1 ft.

Site 19 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:

Report #:	2000081386
Site location:	55-90 47TH STREET MASPETH, NY
Place of origin:	880 JIM GOINS LN HARTSVILLE, TN 37074
Destination:	MECHANICS BLDG MATERIALS 82-40 73RD AVE GLENDALE, NY 11385
Carrier ID:	92098
Carrier reporting #:	34-144-1019
Carrier:	FEDEX GROUND PACKAGE SYSTEM IN
Carrier address:	P O BOX 108 PITTSBURGH, PA 152300108
Shipper ID:	91401
Shipper name:	VOLUNTEER ADHESIVES
Shipper address:	880 JIM GOINS LN HARTSVILLE, TN 37074
Shipping paper number:	03590320000138
Consignee ID:	65715
Consignee name:	MECHANICS BLDG MATERIALS
Consignee addess:	82-40 73RD AVE GLENDALE, NY 11385
General cause:	10
Transportation mode:	4
Date:	08/13/2000
Commodity name:	ADHESIVES
Trade name:	Not reported
Amount:	1. GAL
Result:	Spillage
Hazard Class:	30
ID Number:	UN1133
Hazardous:	False
R.Q. met:	False
Misc. info:	100 100
Vehicle Type:	Van truck/trailer
Trans. phase:	263
Land use:	272
Community:	281
Accident/Derailment:	False
Estimated speed:	F
Highway type:	999
number of lanes:	0
Number evacuated:	0
Major injuries:	0
Minor injuries:	0
Fatalities:	0
Product loss:	100
Carrier damage:	0
Pvt/Pub damage:	0
Cleanup cost:	25
Other damage:	0
Reported damage:	125

(Continued) **2000081386**

Incident damage: 0

Inner and Outer Container Information:

Container type:	CAN MTL
Container capacity:	1. GAL
Number failed:	2
Number in shipment:	4
Container gauge:	Not reported
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER UNKNOWN, XX
Tank serial #:	Not reported
Label:	Not reported
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway
Contributing failure:	Burst/int. pressure
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	0
Number failed code:	0
Shipment code number:	0
Container type:	BOX FBR
Container capacity:	4. GAL
Number failed:	1
Number in shipment:	1
Container gauge:	Not reported
Manufacture's ID:	91401
Manuf. name:	VOLUNTEER ADHESIVES HARTSVILLE, TN
Tank serial #:	Not reported
Label:	RED
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway
Contributing failure:	Ripped
Affected side:	Bottom
Other contributing cause:	Package material
Capacity container code:	0
Number failed code:	0
Shipment code number:	0

Remarks:

(A) THE PACKAGE WAS DROPPED IN HANDLING. EXAMINATION OF THE INNER CONTAINER REVEALED A RUPTURED SEAM WHICH ALLOWED THE CONTENTS TO ESCAPE.
THE LEAKAGE WAS CONTAINED. THE PACKAGE WAS REPACKED FOR RETURN TO SHIPPER.
(B) THE PACKAGE WAS UNLOADED WITH LEAKAGE NOTED ON THE BOX. EXAMINATION
OF THE INNER CONTAINER REVEALED THAT THE CONTAINER(S) HAD LOOSE CAP(S) AND

(Continued) **2000081386**

LEAKED. THE LEAKAGE WAS CONTAINED. THE CAP(S) WERE SECURED. THE CARTON
WAS WET BUT OTHERWISE UNDAMAGED. THE PACKAGE WAS REPACKED FOR RETURN TO
SHIPPER.

A21 **55-90 47 TH ST** **HMIRS** **2009050893**
55-90 47 TH ST **N/A**
< 1/8 **FLUSHING, NY 11378**
1 ft.

Site 20 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:

Report Number:	X-2009020080
Report Source:	XML
Multiple Rows per Incident:	No
Report Type:	A hazardous material incident
Date of Incident:	2/2/2009
Time of Incident:	600
NRC Number:	Not reported
Fed DOT Agency Name:	Not reported
Fed DOT Report #:	Not reported
Incident City:	FLUSHING
Incident County:	Queen
Incident State:	NY
Incident Zip:	11378
Incident Non-US State:	Not reported
Incident Country:	US
Incident Route:	55-90 47 th st
Mode of Transportation:	Highway
Transportation Phase:	Unloading
Carrier/Reporter Name:	FEDEX GROUND PACKAGE SYSTEM INC
Carrier/Reporter Street:	1000 FEDEX DRIVE
Carrier/Reporter City:	MOON TOWNSHIP
Carrier/Reporter State:	PA
Carrier/Reporter Zip:	15108
Carrier/Reporter Non-US State:	Not reported
Carrier/Reporter FED DOT ID:	265752
Carrier/Reporter HAZMAT ID:	062904001002M
Carrier/Reporter Country:	US
Shipper Name:	MARKEM-IMAJE CORP
Shipper Street:	1650 AIRPORT RD NW STE 101
Shipper City:	KENNESAW
Shipper State:	GA
Shipper Zip:	30144
Shipper Non-US State:	Not reported
Shipper Country:	US
Waybill/Shipping Paper:	37093033395896
Shipper HAZMAT Registration ID:	Not reported
Origin City:	Not reported
Origin State:	Not reported
Origin Zip:	Not reported
Origin Non-US State:	Not reported
Origin Country:	Not reported
Destination City:	BRONX
Destination State:	NY
Destination Postal Code:	10473
Destination Non-US State:	Not reported

55-90 47 TH ST (Continued) **2009050893**

Destination Country:	US
Commodity Short Name:	METHYL ETHYL KETONE
Commodity Long Name:	METHYL ETHYL KETONE
Technical/Trade Name:	Not reported
Identification Number:	UN1193
Hazardous Class Code:	3
Hazardous Class:	FLAMMABLE - COMBUSTIBLE LIQUID
Packing Group:	II
Quantity Released:	0.101562
Unit of Measure:	LGA
Unit of Measure Description:	Liquid - Gallon
HAZMAT Waste Indicator:	No
HAZMAT Waste EPA ID:	Not reported
HMIS Toxic by Inhalation:	No
TIH Hazard Zone:	Not reported
Material Shipment Approval:	No
Mat. Shipment Approval #:	Not reported
Undeclared HAZMAT Shipment:	No
Packaging Type:	Non-Bulk
What Failed Code:	109
What Failed Description:	Closure (e.g. Cap Top or Plug)
How Failed Code:	308
How Failed Description:	Leaked
Failure Cause Code:	526
Failure Cause Description:	Loose Closure Component or Device
Identification Markings:	4G/Y11.7/S/ 08
Cont1 Packaging Type:	Not reported
Cont1 Material of Construction:	Not reported
Cont1 Head Type:	Not reported
Cont1 Package Capacity:	Not reported
Cont1 Package Capacity UOM:	Not reported
Cont1 Package Amount:	Not reported
Cont1 Package Amount UOM:	Not reported
Cont1 Pkg Number:	Not reported
Cont1 Pkg Shipment # Failed:	Not reported
Cont1 Package Manufacturer:	Not reported
Cont1 Pkg Manufacturer Date:	Not reported
Cont1 Package Serial Number:	Not reported
Cont1 Package Last Test Date:	Not reported
Cont1 Test Material Of Const:	Not reported
Cont1 Pkg Dsign Pressure Rpted:	Not reported
Cont1 Dsign Pressure UOM Rpted:	Not reported
Cont1 Pkg Shell Thickness Rptd:	Not reported
Cont1 Shell Thickness UOM Rptd:	Not reported
Cont1 Head Thickness Reported:	Not reported
Cont1 Head Thickness UOM Rpted:	Not reported
Cont1 Pkg Srvc Pressure Rpted:	Not reported
Cont1 Srvc Pressure UOM Rpted:	Not reported
Cont1 Valve or Device Fail Ind:	No
Cont1 Valve or Device Type:	Not reported
Cont1 Val Device Manufacturer:	Not reported
Cont1 Valve or Device Model:	Not reported
Cont2 Package Type:	Not reported
Cont2 Material of Construction:	Not reported
Cont2 Package Capacity:	Not reported
Cont2 Capacity UOM Reported:	Not reported
Cont2 Package Amount:	Not reported

55-90 47 TH ST (Continued) **2009050893**

Cont2 Package Amount UOM:	Not reported
Cont2 Pkg Number in Shipment:	Not reported
Cont2 Pkg Shipment # Failed:	Not reported
RAM Package Category:	Not reported
RAM Package Certification:	Not reported
RAM Package Certification #:	Not reported
RAM Nuclide(s) Present:	Not reported
RAM Transport Index:	Not reported
RAM UOM:	Not reported
RAM Activity Rpted:	Not reported
RAM UOM Rpted:	Not reported
RAM Activity:	Not reported
RAM Activity UOM:	Not reported
RAM Material Safety Index:	Not reported
Spillage (Ind:	Yes
Fire Ind:	No
Explosion Ind:	No
Water Sewer Ind:	No
Gas Dispersion Ind:	No
Environmental Damage:	No
No Release Ind:	No
Fire/EMS Report Ind:	No
Fire EMS/EMS Report #:	Not reported
Police Report Ind:	No
Police Report #:	Not reported
In-House Cleanup Ind:	Yes
Other Cleanup Ind:	No
Damage More Than 500:	No
Material Loss:	0
Carrier Damage:	0
Property Damage:	0
Response Cost:	0
Remediation Cleanup Cost:	0
Damage Other (Old Form):	0
Total Amount of Damages:	0
HAZMAT Fatality Indicator:	No
HAZMAT Fatalities Employees:	0
HAZMAT Fatalities Responders:	0
HAZMAT Fatality Gen. Public:	0
Hazmat Fatalities (Old Form):	0
Total Hazmat Fatalities:	0
Non_HAZMAT Fatality Indicator:	No
Non-HAZMAT Fatalities:	0
HAZMAT Injury Indicator:	No
HAZMAT Hospitalized Employees:	0
HAZMAT Hospitalized Responders:	0
HAZMAT Hospitalized Gen Public:	0
HAZMAT Hospitalized (Old Form):	0
Total Hazmat Hosp Injuries:	0
HAZMAT NonHosp Employees:	0
HAZMAT NonHosp Responders:	0
HAZMAT NonHosp Gen. Public:	0
HAZMAT NonHosp (Old Form):	0
Total Hazmat NonHosp Injuries:	0
Total Hazmat Injuries:	0
Evacuation Indicator:	No
Public Evacuated:	0

55-90 47 TH ST (Continued) **2009050893**

Employees Evacuated:	0
Total Evacuated:	0
Total Evacuation Hours:	0
Major Artery Closed:	No
Major Artery Hours Closed:	0
Material Involved in Accident:	No
Estimated Speed:	0
Weather Conditions:	Not reported
Vehicle Overturn:	No
Vehicle Left Roadway/Track:	No
Passenger Aircraft Indicator:	No
Cargo Passenger Baggage Ind:	Not reported
Incident Occurrence:	Not reported
Shipphase Non-Transported Ind:	No
Shipphase Air First Flight Ind:	No
Shipphase Air SubFlight Ind:	No
Shipphase Init Transport Ind:	No
Shipphase Transfer Indicator:	No
Contact Name:	Travis McEwen
Contact Title:	Safety Specialist III - Hazmat
Contact Business Name:	FEDEX GROUND PACKAGE SYSTEM INC
Contact Street:	1000 FEDEX DRIVE
Contact City:	MOON TOWNSHIP
Contact State:	PA
Contact Postal Code:	15108
Contact Non-US State:	Not reported
Contact Country:	US
Preparer of Incident Report:	Carrier
Description of Events:	The package was unloaded with leakage noted on the box. Examination of the inner container revealed that the container(s) had loose cap(s) and leaked. The leakage was contained. The cap(s) were secured. The carton was wet but otherwise undamaged. The undamaged portion of the package was repacked for return to shipper.
Recommendations/Actions Taken:	Not reported
Recommendations/Actions:	Not reported
HMIS Serious Incident Ind:	No
HMIS Serious Fatality:	No
HMIS Serious Injury:	No
HMIS Serious Flight Plan:	No
HMIS Serious Evacuations:	No
HMIS Serious Major Artery:	No
HMIS Serious Bulk Release:	No
HMIS Serious Marine Pollutant:	No
HMIS Serious Radioactive:	No
HMIS General Package Type:	BOX FIBER
HMIS Container Code:	4G
HMIS Container Description:	Fiberboard box
HMIS Bulk Incident Indicator:	No
Undeclared Shipment:	No

A22 **HMIRS** **2004110601**
N/A

55-90 47TH STREET
< 1/8 **MASPETH, NY**
1 ft.

Site 21 of 159 in cluster A

Relative: HMIRS:
Lower

Actual:
7 ft.

Report #:	2004110601
Site location:	55-90 47TH STREET MASPETH, NY
Place of origin:	5660 HENSLEY RD MENTOR, OH 44060
Destination:	KINGS COUNTY HOSPITAL CTR 451 CLARKSON AVE BROOKLYN, NY 11203
Carrier ID:	92098
Carrier reporting #:	34-144-1019
Carrier:	FEDEX GROUND PACKAGE SYSTEM IN
Carrier address:	P O BOX 108 PITTSBURGH, PA 152300108
Shipper ID:	41781
Shipper name:	STERIS CORPORATION
Shipper address:	5660 HENSLEY RD MENTOR, OH 44060
Shipping paper number:	020224595449189
Consignee ID:	92292
Consignee name:	KINGS COUNTY HOSPITAL CTR
Consignee addess:	451 CLARKSON AVE BROOKLYN, NY 11203
General cause:	10
Transportation mode:	4
Date:	10/09/04
Commodity name:	HYPOCHLORITE SOLUTIONS
Trade name:	Not reported
Amount:	0.08 GAL
Result:	Spillage
Hazard Class:	80
ID Number:	UN1791
Hazardous:	False
R.Q. met:	False
Misc. info:	100 100
Vehicle Type:	Van truck/trailer
Trans. phase:	263
Land use:	271
Community:	281
Accident/Derailment:	False
Estimated speed:	F
Highway type:	999
number of lanes:	0
Number evacuated:	0
Major injuries:	0
Minor injuries:	0
Fatalities:	0
Product loss:	0
Carrier damage:	0
Pvt/Pub damage:	0
Cleanup cost:	425
Other damage:	0
Reported damage:	425

(Continued) **2004110601**

Incident damage: 0

Inner and Outer Container Information:

Container type:	JUG PLS
Container capacity:	1.00 GAL
Number failed:	1
Number in shipment:	4
Container gauge:	Not reported
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER UNKNOWN, XX
Tank serial #:	Not reported
Label:	Not reported
Registration #:	Not reported
Inspection date:	12/30/99
Exemption #:	Not reported
Contributing cause:	Loose fitting
Contributing Object:	No object
Contributing failure:	LEAKED
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	0
Number failed code:	0
Shipment code number:	0
Container type:	BOX FBR
Container capacity:	4.00 GAL
Number failed:	1
Number in shipment:	1
Container gauge:	Not reported
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER UNKNOWN, XX
Tank serial #:	Not reported
Label:	WHITE
Registration #:	Not reported
Inspection date:	12/30/99
Exemption #:	Not reported
Contributing cause:	WET
Contributing Object:	Water
Contributing failure:	WET
Affected side:	Bottom
Other contributing cause:	Package material
Capacity container code:	0
Number failed code:	0
Shipment code number:	0

Remarks:

THE PACKAGE WAS UNLOADED WITH LEAKAGE NOTED ON THE BOX. EXAMINATION OF THE
INNER CONTAINER REVEALED THAT THE CONTAINER(S) HAD LOOSE CAP(S) AND LEAKED.
THE LEAKAGE WAS CONTAINED. THE CAP(S) WERE SECURED. THE CARTON WAS WET
BUT OTHERWISE UNDAMAGED. THE UNDAMAGED PORTION OF THE PACKAGE WAS REPACKED
FOR RETURN TO SHIPPER.

A23 **55-90 47TH ST** **HMIRS** **2011001332**
55-90 47TH ST **N/A**
< 1/8 **MASPETH, NY 11378**
1 ft.

Site 22 of 159 in cluster A

Relative: HMIRS:
Lower

Actual:
7 ft.

Report Number:	X-2011090401
Report Source:	XML
Multiple Rows per Incident:	No
Report Type:	A hazardous material incident
Date of Incident:	08/26/2011
Time of Incident:	0600
NRC Number:	Not reported
Fed DOT Agency Name:	Not reported
Fed DOT Report #:	Not reported
Incident City:	Maspeth
Incident County:	Queen
Incident State:	NY
Incident Zip:	11378
Incident Non-US State:	Not reported
Incident Country:	US
Incident Route:	55-90 47th st
Mode of Transportation:	Highway
Transportation Phase:	UNLOADING
Carrier/Reporter Name:	FEDEX GROUND PACKAGE SYSTEM INC.
Carrier/Reporter Street:	1000 FED EX DR
Carrier/Reporter City:	CORAOPOLIS
Carrier/Reporter State:	PA
Carrier/Reporter Zip:	15108
Carrier/Reporter Non-US State:	Not reported
Carrier/Reporter FED DOT ID:	1470984
Carrier/Reporter HAZMAT ID:	051910551007S
Carrier/Reporter Country:	US
Shipper Name:	ATLANTIC PLYWOOD CORPORATION
Shipper Street:	75 AMOR AVE
Shipper City:	CARLSTADT
Shipper State:	NJ
Shipper Zip:	07072
Shipper Non-US State:	Not reported
Shipper Country:	US
Waybill/Shipping Paper:	568686130286904
Shipper HAZMAT Registration ID:	Not reported
Origin City:	CARLSTADT
Origin State:	NE
Origin Zip:	07072
Origin Non-US State:	Not reported
Origin Country:	US
Destination City:	BROOKLYN
Destination State:	Not reported
Destination Postal Code:	Not reported
Destination Non-US State:	Not reported
Destination Country:	US
Commodity Short Name:	PAINT
Commodity Long Name:	PAINT
Technical/Trade Name:	Not reported
Identification Number:	UN1263
Hazardous Class Code:	2.0
Hazardous Class:	COMBUSTIBLE LIQUID

55-90 47TH ST (Continued) **2011001332**

Packing Group:	II
Quantity Released:	0.5
Unit of Measure:	LGA
Unit of Measure Description:	Liquid - Gallon
HAZMAT Waste Indicator:	No
HAZMAT Waste EPA ID:	Not reported
HMIS Toxic by Inhalation:	No
TIH Hazard Zone:	Not reported
Material Shipment Approval:	No
Mat. Shipment Approval #:	Not reported
Undeclared HAZMAT Shipment:	No
Packaging Type:	Non-Bulk
What Failed Code:	110
What Failed Description:	Cover
How Failed Code:	304
How Failed Description:	Cracked
Failure Cause Code:	515
Failure Cause Description:	Human Error
Identification Markings:	Not reported
Cont1 Packaging Type:	Drum
Cont1 Material of Construction:	Steel
Cont1 Head Type:	Not reported
Cont1 Package Capacity:	0
Cont1 Package Capacity UOM:	Not reported
Cont1 Package Amount:	0
Cont1 Package Amount UOM:	Not reported
Cont1 Pkg Number:	Not reported
Cont1 Pkg Shipment # Failed:	Not reported
Cont1 Package Manufacturer:	Not reported
Cont1 Pkg Manufacturer Date:	Not reported
Cont1 Package Serial Number:	Not reported
Cont1 Package Last Test Date:	Not reported
Cont1 Test Material Of Const:	Not reported
Cont1 Pkg Dsign Pressure Rpted:	Not reported
Cont1 Dsign Pressure UOM Rpted:	Not reported
Cont1 Pkg Shell Thickness Rptd:	Not reported
Cont1 Shell Thickness UOM Rptd:	Not reported
Cont1 Head Thickness Reported:	Not reported
Cont1 Head Thickness UOM Rpted:	Not reported
Cont1 Pkg Srvc Pressure Rpted:	Not reported
Cont1 Srvc Pressure UOM Rpted:	Not reported
Cont1 Valve or Device Fail Ind:	No
Cont1 Valve or Device Type:	Not reported
Cont1 Val Device Manufacturer:	Not reported
Cont1 Valve or Device Model:	Not reported
Cont2 Package Type:	Not reported
Cont2 Material of Construction:	Not reported
Cont2 Package Capacity:	Not reported
Cont2 Capacity UOM Reported:	Not reported
Cont2 Package Amount:	Not reported
Cont2 Package Amount UOM:	Not reported
Cont2 Pkg Number in Shipment:	Not reported
Cont2 Pkg Shipment # Failed:	Not reported
RAM Package Category:	Not reported
RAM Package Certification:	FALSE
RAM Package Certification #:	Not reported
RAM Nuclide(s) Present:	Not reported

55-90 47TH ST (Continued) **2011001332**

RAM Transport Index:	Not reported
RAM UOM:	Not reported
RAM Activity Rpted:	Not reported
RAM UOM Rpted:	Not reported
RAM Activity:	0
RAM Activity UOM:	Not reported
RAM Material Safety Index:	Not reported
Spillage (Ind:	Yes
Fire Ind:	No
Explosion Ind:	No
Water Sewer Ind:	No
Gas Dispersion Ind:	No
Environmental Damage:	No
No Release Ind:	No
Fire/EMS Report Ind:	No
Fire EMS/EMS Report #:	Not reported
Police Report Ind:	No
Police Report #:	Not reported
In-House Cleanup Ind:	No
Other Cleanup Ind:	No
Damage More Than 500:	No
Material Loss:	0
Carrier Damage:	0
Property Damage:	0
Response Cost:	0
Remediation Cleanup Cost:	0
Damage Other (Old Form):	0
Total Amount of Damages:	0
HAZMAT Fatality Indicator:	No
HAZMAT Fatalities Employees:	0
HAZMAT Fatalities Responders:	0
HAZMAT Fatality Gen. Public:	0
Hazmat Fatalities (Old Form):	0
Total Hazmat Fatalities:	Not reported
Non_HAZMAT Fatality Indicator:	No
Non-HAZMAT Fatalities:	0
HAZMAT Injury Indicator:	No
HAZMAT Hospitalized Employees:	0
HAZMAT Hospitalized Responders:	0
HAZMAT Hospitalized Gen Public:	0
HAZMAT Hospitalized (Old Form):	0
Total Hazmat Hosp Injuries:	0
HAZMAT NonHosp Employees:	0
HAZMAT NonHosp Responders:	0
HAZMAT NonHosp Gen. Public:	0
HAZMAT NonHosp (Old Form):	0
Total Hazmat NonHosp Injuries:	0
Total Hazmat Injuries:	0
Evacuation Indicator:	No
Public Evacuated:	0
Employees Evacuated:	0
Total Evacuated:	0
Total Evacuation Hours:	0
Major Artery Closed:	No
Major Artery Hours Closed:	0
Material Involved in Accident:	No
Estimated Speed:	0

55-90 47TH ST (Continued) **2011001332**

Weather Conditions:	Not reported
Vehicle Overturn:	No
Vehicle Left Roadway/Track:	No
Passenger Aircraft Indicator:	No
Cargo Passenger Baggage Ind:	Not reported
Incident Occurrence:	Not reported
Shipphase Non-Transported Ind:	No
Shipphase Air First Flight Ind:	No
Shipphase Air SubFlight Ind:	No
Shipphase Init Transport Ind:	No
Shipphase Transfer Indicator:	No
Contact Name:	GEORGE FETSKO
Contact Title:	SAFETY PROCESS SPECIALIST I - HAZMAT
Contact Business Name:	Fedex Ground Package System Inc.
Contact Street:	1000 Fedex Drive
Contact City:	Moon Township
Contact State:	PA
Contact Postal Code:	15108
Contact Non-US State:	Not reported
Contact Country:	US
Preparer of Incident Report:	Carrier
Description of Events:	The package was dropped in handling. Examination of the inner container revealed a ruptured seam which allowed the contents to escape. The leakage was contained. The undamaged portion of the package was repacked for return to shipper.
Recommendations/Actions Taken:	Not reported
Recommendations/Actions:	Not reported
HMIS Serious Incident Ind:	No
HMIS Serious Fatality:	No
HMIS Serious Injury:	No
HMIS Serious Flight Plan:	No
HMIS Serious Evacuations:	No
HMIS Serious Major Artery:	No
HMIS Serious Bulk Release:	No
HMIS Serious Marine Pollutant:	No
HMIS Serious Radioactive:	No
HMIS General Package Type:	OHMIR.Ref_Container.descr
HMIS Container Code:	DRUM MTL
HMIS Container Description:	Metal drum
HMIS Bulk Incident Indicator:	No
Undeclared Shipment:	No

A24 **55-90 47 TH ST** **HMIRS** **2008430240**
55-90 47 TH ST **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 23 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:

Report #:	2007050210
System ID:	430240
Report type:	A
Incident site:	55-90 47 TH ST MASPETH, NY 11378
Incident county:	QUEENS
Incident country:	US
Incident date:	05/11/07
Incident time:	1353

55-90 47 TH ST (Continued) **2008430240**

NRC report #:	0
Other fed agency reported to:	Not reported
Other agency report #:	Not reported
Incident foreign country:	Not reported
Transportation mode:	4
Transportation phase:	263
Carrier DOT ID:	265752
Carrier Hazmat ID:	062904001002M
Carrier name:	Fedex Ground Package System, Inc.
Carrier address:	1000 Fedex Drive MOON TOWNSHIP, PA 15108
Carrier country:	US
Incident consequence:	Spillage
EMS/Fire crew responded:	Not reported
EMS/Fire crew report #:	Not reported
Police responded:	Not reported
Police report #:	Not reported
In-house cleanup occurred:	True
Other cleanup occurred:	Not reported
Estimated damages exceed $500:	False
Value of material lost:	0
Value of carrier loss:	0
Value of pub/priv property loss:	0
Response cost:	0
Remediation cost:	0

Details of fatalities by vapor/fire/explosion of hazardous material:

Did Fatalities occur:	False
No. of employee fatalities:	0
No. of responder fatalities:	0
No. of public fatalities:	0

Details of fatalities not due to hazardous material:

Did fatalities occur:	Not reported
No. of dead persons:	0

Details of injuries due to hazardous material:

Did injuries occur:	False
No. of employees hospitalized:	0
No. of employees not hospitalized:	0
No. of responders hospitalized:	0
No. of responders not hospitalized:	0
No. of public hospitalized:	0
No. of public not hospitalized:	0
Evacuation was required:	False
No. of employees evacuated:	0
No. of public evacuated:	0
Total number evacuated:	0
Evacuation time in hours:	0
Road/facility was closed:	False
No. of hours closed:	0
Hazmat invloved in crash/derailment:	False
Estimated speed of crash:	0
Crash weather conditions:	Not reported
Vehicle overturned:	Not reported
Did vehicle leave road/track:	Not reported
Where incident occurred/discovered:	Not reported
Shipment handling details:	Not reported

55-90 47 TH ST (Continued) **2008430240**

Incident report preparer details:

Preparer name:	Mike Evers
Preparer title:	Sr Manager - Hazardous Materials
Hazmat registration ID:	062904001002M
Employer business name:	Fedex Ground Package System, Inc.
Address:	1000 Fedex Drive
	MOON TOWNSHIP, PA 15108
Country:	US
Report date:	05/16/07
Telephone:	412-859-5051
Fax:	412-859-5045
Business type:	C
Preparer other function:	Not reported

Description of Events:

The package was dropped in handling. Examination of the inner container revealed a ruptured seam which allowed the contents to escape. The leakage was contained. The undamaged portion of the package
was repacked for return to shipper.

Shipper Details:

Shipper ID:	430736
Shipper name:	VIDEOJET
Address:	1855 ESTES AVE
	ELK GROVE VLG, IL 60007
Shipper country:	US
Hazmat papers #:	60835675985947
Shipment origin:	Not reported
	Not reported
Shipment origin country:	US

Details of material being shipped:

Material ID:	436809
Material name:	PRINTING INK, flammable
UN ID:	UN1210
Hazard class code:	30
Trade name:	Not reported
Packing group:	Not reported
Amount reported released:	1 Liter(s)
Amount released:	0.264200 Liter(s)
Material listed as hazardous waste:	False
EPA manifest number of haz. waste:	Not reported
Material listed as toxic inhalant:	False
Hazard zone of toxic inhalant:	Not reported
Material shipped under exemption/ approval/ Competent Authority Cert.	
	False
Exemption/approval/CAC number:	Not reported
Undeclared Hazmat shipment:	False
Package ID:	437246
Hazmat shipment destination:	800 SNIDIKER AVE
	BROOKLYN, NY 11207
Package type:	A
Package other description:	Not reported
Packaging markings:	4G/Y25.8 /S/06

55-90 47 TH ST (Continued) **2008430240**

Package code: 76
Radioactive packaging indicator: Not reported
Radioactive cert. indicator: Not reported
Radioactive cert. No: Not reported
Rad. nuclide(s) present: Not reported
Transport index: Not reported
Radioactivity indicator: Not reported
Standardized activity: Not reported
Critical safety index: Not reported
Package layer ID: 596883
Package ID: 437246
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Not reported
Material type of non-bulk/IBC/non-specification package
Not reported
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 596883
Package ID: 437246
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Not reported
Material type of non-bulk/IBC/non-specification package
Not reported
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0

55-90 47 TH ST (Continued) **2008430240**

Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 596883
Package ID: 437246
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Not reported
Material type of non-bulk/IBC/non-specification package
Not reported
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 596884
Package ID: 437246
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Not reported
Material type of non-bulk/IBC/non-specification package
Not reported
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported

55-90 47 TH ST (Continued) **2008430240**

Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 596884
Package ID: 437246
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Not reported
Material type of non-bulk/IBC/non-specification package
Not reported
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 596884
Package ID: 437246
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Not reported
Material type of non-bulk/IBC/non-specification package
Not reported
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported

55-90 47 TH ST (Continued) **2008430240**

Package fail ID:	504292
Fail Sequence:	1
What failed code:	161
How failed code:	304
Failure cause code:	511
Package ID:	437246
Hazmat shipment destination:	800 SNIDIKER AVE BROOKLYN, NY 11207
Package type:	A
Package other description:	Not reported
Packaging markings:	4G/Y25.8 /S/06
Package code:	76
Radioactive packaging indicator:	Not reported
Radioactive cert. indicator:	Not reported
Radioactive cert. No:	Not reported
Rad. nuclide(s) present:	Not reported
Transport index:	Not reported
Radioactivity indicator:	Not reported
Standardized activity:	Not reported
Critical safety index:	Not reported
Package layer ID:	596883
Package ID:	437246
Package layer code:	O
Package type for non-bulk/IBC/non-specification package	Not reported
Material type of non-bulk/IBC/non-specification package	Not reported
Head type for non-bulk/IBC/non-specification package	Not reported
Reported package capacity:	0
Standardized package cap:	0
Reported amount of material in pkge:	0
Number of packages shipped:	0
No. of packages releasing mat.:	0
Packaging manufacturer:	Not reported
Packaging manufacturing date:	/ /
Package serial number:	Not reported
Pkge date of last testing/inspection:	/ /
Package construction material:	Not reported
Package design pressure:	0
Package shell thickness:	0
Package head thickness:	0
Package service pressure:	0
Valve device failed:	Not reported
Valve type:	Not reported
Valve manufacturer:	Not reported
Valve model:	Not reported
Package layer ID:	596883
Package ID:	437246
Package layer code:	O
Package type for non-bulk/IBC/non-specification package	Not reported
Material type of non-bulk/IBC/non-specification package	Not reported
Head type for non-bulk/IBC/non-specification package	Not reported
Reported package capacity:	0

55-90 47 TH ST (Continued) **2008430240**

Standardized package cap: 0
Reported amount of material in pkge:0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 596883
Package ID: 437246
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Not reported
Material type of non-bulk/IBC/non-specification package
Not reported
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge:0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 596884
Package ID: 437246
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Not reported
Material type of non-bulk/IBC/non-specification package
Not reported
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge:0
Number of packages shipped: 0

55-90 47 TH ST (Continued) **2008430240**

No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 596884
Package ID: 437246
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Not reported
Material type of non-bulk/IBC/non-specification package
Not reported
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 596884
Package ID: 437246
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Not reported
Material type of non-bulk/IBC/non-specification package
Not reported
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /

55-90 47 TH ST (Continued) **2008430240**

Package serial number:	Not reported
Pkge date of last testing/inspection:	/ /
Package construction material:	Not reported
Package design pressure:	0
Package shell thickness:	0.000
Package head thickness:	0.000
Package service pressure:	0
Valve device failed:	Not reported
Valve type:	Not reported
Valve manufacturer:	Not reported
Valve model:	Not reported
Package fail ID:	504292
Fail Sequence:	1
What failed code:	161
How failed code:	304
Failure cause code:	511
Package ID:	437246
Hazmat shipment destination:	Not reported
	BROOKLYN, NY 11207
Package type:	A
Package other description:	Not reported
Packaging markings:	4G/Y25.8 /S/06
Package code:	76
Radioactive packaging indicator:	Not reported
Radioactive cert. indicator:	Not reported
Radioactive cert. No:	Not reported
Rad. nuclide(s) present:	Not reported
Transport index:	Not reported
Radioactivity indicator:	Not reported
Standardized activity:	Not reported
Critical safety index:	Not reported
Package layer ID:	596883
Package ID:	437246
Package layer code:	O
Package type for non-bulk/IBC/non-specification package	
	Not reported
Material type of non-bulk/IBC/non-specification package	
	Not reported
Head type for non-bulk/IBC/non-specification package	
	Not reported
Reported package capacity:	0
Standardized package cap:	0
Reported amount of material in pkge:	0
Number of packages shipped:	0
No. of packages releasing mat.:	0
Packaging manufacturer:	Not reported
Packaging manufacturing date:	/ /
Package serial number:	Not reported
Pkge date of last testing/inspection:	/ /
Package construction material:	Not reported
Package design pressure:	0
Package shell thickness:	0
Package head thickness:	0
Package service pressure:	0
Valve device failed:	Not reported
Valve type:	Not reported
Valve manufacturer:	Not reported

55-90 47 TH ST (Continued) **2008430240**

Valve model: Not reported
Package layer ID: 596883
Package ID: 437246
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Not reported
Material type of non-bulk/IBC/non-specification package
Not reported
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 596883
Package ID: 437246
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Not reported
Material type of non-bulk/IBC/non-specification package
Not reported
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 596884
Package ID: 437246

55-90 47 TH ST (Continued) **2008430240**

Package layer code: I
Package type for non-bulk/IBC/non-specification package
Not reported
Material type of non-bulk/IBC/non-specification package
Not reported
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 596884
Package ID: 437246
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Not reported
Material type of non-bulk/IBC/non-specification package
Not reported
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 596884
Package ID: 437246
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Not reported

55-90 47 TH ST (Continued) **2008430240**

Material type of non-bulk/IBC/non-specification package
Not reported
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package fail ID: 504292
Fail Sequence: 1
What failed code: 161
How failed code: 304
Failure cause code: 511
Material ID: 436809
Material name: PRINTING INK, flammable
UN ID: UN1210
Hazard class code: 30
Trade name: Not reported
Packing group: Not reported
Amount reported released: 1.000000 Liter(s)
Amount released: 0.264200 Liter(s)
Material listed as hazardous waste: False
EPA manifest number of haz. waste: Not reported
Material listed as toxic inhalant: False
Hazard zone of toxic inhalant: Not reported
Material shipped under exemption/ approval/ Competent Authority Cert.
False
Exemption/approval/CAC number: Not reported
Undeclared Hazmat shipment: False
Package ID: 437246
Hazmat shipment destination: 800 SNIDIKER AVE
BROOKLYN, NY 11207
Package type: A
Package other description: Not reported
Packaging markings: 4G/Y25.8 /S/06
Package code: 76
Radioactive packaging indicator: Not reported
Radioactive cert. indicator: Not reported
Radioactive cert. No: Not reported
Rad. nuclide(s) present: Not reported
Transport index: Not reported
Radioactivity indicator: Not reported
Standardized activity: Not reported

55-90 47 TH ST (Continued) **2008430240**

Critical safety index: Not reported
Package layer ID: 596883
Package ID: 437246
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Not reported
Material type of non-bulk/IBC/non-specification package
Not reported
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 596883
Package ID: 437246
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Not reported
Material type of non-bulk/IBC/non-specification package
Not reported
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 596883
Package ID: 437246

55-90 47 TH ST (Continued) **2008430240**

Package layer code: O
Package type for non-bulk/IBC/non-specification package
Not reported
Material type of non-bulk/IBC/non-specification package
Not reported
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 596884
Package ID: 437246
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Not reported
Material type of non-bulk/IBC/non-specification package
Not reported
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 596884
Package ID: 437246
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Not reported

55-90 47 TH ST (Continued) **2008430240**

Material type of non-bulk/IBC/non-specification package
Not reported
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 596884
Package ID: 437246
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Not reported
Material type of non-bulk/IBC/non-specification package
Not reported
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package fail ID: 504292
Fail Sequence: 1
What failed code: 161
How failed code: 304
Failure cause code: 511
Package ID: 437246
Hazmat shipment destination: 800 SNIDIKER AVE
BROOKLYN, NY 11207

55-90 47 TH ST (Continued) **2008430240**

Package type:	A
Package other description:	Not reported
Packaging markings:	4G/Y25.8 /S/06
Package code:	76
Radioactive packaging indicator:	Not reported
Radioactive cert. indicator:	Not reported
Radioactive cert. No:	Not reported
Rad. nuclide(s) present:	Not reported
Transport index:	Not reported
Radioactivity indicator:	Not reported
Standardized activity:	Not reported
Critical safety index:	Not reported
Package layer ID:	596883
Package ID:	437246
Package layer code:	O
Package type for non-bulk/IBC/non-specification package	Not reported
Material type of non-bulk/IBC/non-specification package	Not reported
Head type for non-bulk/IBC/non-specification package	Not reported
Reported package capacity:	0
Standardized package cap:	0
Reported amount of material in pkge:	0
Number of packages shipped:	0
No. of packages releasing mat.:	0
Packaging manufacturer:	Not reported
Packaging manufacturing date:	/ /
Package serial number:	Not reported
Pkge date of last testing/inspection:	/ /
Package construction material:	Not reported
Package design pressure:	0
Package shell thickness:	0
Package head thickness:	0
Package service pressure:	0
Valve device failed:	Not reported
Valve type:	Not reported
Valve manufacturer:	Not reported
Valve model:	Not reported
Package layer ID:	596883
Package ID:	437246
Package layer code:	O
Package type for non-bulk/IBC/non-specification package	Not reported
Material type of non-bulk/IBC/non-specification package	Not reported
Head type for non-bulk/IBC/non-specification package	Not reported
Reported package capacity:	0
Standardized package cap:	0
Reported amount of material in pkge:	0
Number of packages shipped:	0
No. of packages releasing mat.:	0
Packaging manufacturer:	Not reported
Packaging manufacturing date:	/ /
Package serial number:	Not reported
Pkge date of last testing/inspection:	/ /

55-90 47 TH ST (Continued) **2008430240**

Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 596883
Package ID: 437246
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Not reported
Material type of non-bulk/IBC/non-specification package
Not reported
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 596884
Package ID: 437246
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Not reported
Material type of non-bulk/IBC/non-specification package
Not reported
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0

55-90 47 TH ST (Continued) **2008430240**

Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 596884
Package ID: 437246
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Not reported
Material type of non-bulk/IBC/non-specification package
Not reported
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 596884
Package ID: 437246
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Not reported
Material type of non-bulk/IBC/non-specification package
Not reported
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported

55-90 47 TH ST (Continued) **2008430240**

Valve type:	Not reported
Valve manufacturer:	Not reported
Valve model:	Not reported
Package fail ID:	504292
Fail Sequence:	1
What failed code:	161
How failed code:	304
Failure cause code:	511
Package ID:	437246
Hazmat shipment destination:	Not reported
	BROOKLYN, NY 11207
Package type:	A
Package other description:	Not reported
Packaging markings:	4G/Y25.8 /S/06
Package code:	76
Radioactive packaging indicator:	Not reported
Radioactive cert. indicator:	Not reported
Radioactive cert. No:	Not reported
Rad. nuclide(s) present:	Not reported
Transport index:	Not reported
Radioactivity indicator:	Not reported
Standardized activity:	Not reported
Critical safety index:	Not reported
Package layer ID:	596883
Package ID:	437246
Package layer code:	O
Package type for non-bulk/IBC/non-specification package	
	Not reported
Material type of non-bulk/IBC/non-specification package	
	Not reported
Head type for non-bulk/IBC/non-specification package	
	Not reported
Reported package capacity:	0
Standardized package cap:	0
Reported amount of material in pkge:	0
Number of packages shipped:	0
No. of packages releasing mat.:	0
Packaging manufacturer:	Not reported
Packaging manufacturing date:	/ /
Package serial number:	Not reported
Pkge date of last testing/inspection:	/ /
Package construction material:	Not reported
Package design pressure:	0
Package shell thickness:	0
Package head thickness:	0
Package service pressure:	0
Valve device failed:	Not reported
Valve type:	Not reported
Valve manufacturer:	Not reported
Valve model:	Not reported
Package layer ID:	596883
Package ID:	437246
Package layer code:	O
Package type for non-bulk/IBC/non-specification package	
	Not reported
Material type of non-bulk/IBC/non-specification package	
	Not reported

55-90 47 TH ST (Continued) **2008430240**

Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 596883
Package ID: 437246
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Not reported
Material type of non-bulk/IBC/non-specification package
Not reported
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 596884
Package ID: 437246
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Not reported
Material type of non-bulk/IBC/non-specification package
Not reported
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0

55-90 47 TH ST (Continued) **2008430240**

Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 596884
Package ID: 437246
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Not reported
Material type of non-bulk/IBC/non-specification package
Not reported
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 596884
Package ID: 437246
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Not reported
Material type of non-bulk/IBC/non-specification package
Not reported
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0

55-90 47 TH ST (Continued) **2008430240**

No. of packages releasing mat.:	0
Packaging manufacturer:	Not reported
Packaging manufacturing date:	/ /
Package serial number:	Not reported
Pkge date of last testing/inspection:	/ /
Package construction material:	Not reported
Package design pressure:	0
Package shell thickness:	0.000
Package head thickness:	0.000
Package service pressure:	0
Valve device failed:	Not reported
Valve type:	Not reported
Valve manufacturer:	Not reported
Valve model:	Not reported
Package fail ID:	504292
Fail Sequence:	1
What failed code:	161
How failed code:	304
Failure cause code:	511

A25 **55-90 47 TH ST** **HMIRS** **2008428904**
55-90 47 TH ST **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 24 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:

Report #:	2007040245
System ID:	428904
Report type:	A
Incident site:	55-90 47 th st MASPETH, NY 11378
Incident county:	queens
Incident country:	US
Incident date:	04/13/07
Incident time:	1429
NRC report #:	0
Other fed agency reported to:	Not reported
Other agency report #:	Not reported
Incident foreign country:	Not reported
Transportation mode:	4
Transportation phase:	263
Carrier DOT ID:	265752
Carrier Hazmat ID:	062904001002M
Carrier name:	Fedex Ground Package System, Inc.
Carrier address:	1000 Fedex Drive MOON TOWNSHIP, PA 15108
Carrier country:	US
Incident consequence:	Spillage
EMS/Fire crew responded:	Not reported
EMS/Fire crew report #:	Not reported
Police responded:	Not reported
Police report #:	Not reported
In-house cleanup occurred:	True
Other cleanup occurred:	Not reported
Estimated damages exceed $500:	False
Value of material lost:	0
Value of carrier loss:	0

55-90 47 TH ST (Continued) **2008428904**

Value of pub/priv property loss: 0
Response cost: 0
Remediation cost: 0

Details of fatalities by vapor/fire/explosion of hazardous material:
Did Fatalities occur: False
No. of employee fatalities: 0
No. of responder fatalities: 0
No. of public fatalities: 0

Details of fatalities not due to hazardous material:
Did fatalities occur: Not reported
No. of dead persons: 0

Details of injuries due to hazardous material:
Did injuries occur: False
No. of employees hospitalized: 0
No. of employees not hospitalized: 0
No. of responders hospitalized: 0
No. of responders not hospitalized: 0
No. of public hospitalized: 0
No. of public not hospitalized: 0
Evacuation was required: False
No. of employees evacuated: 0
No. of public evacuated: 0
Total number evacuated: 0
Evacuation time in hours: 0
Road/facility was closed: False
No. of hours closed: 0
Hazmat invloved in crash/derailment: False
Estimated speed of crash: 0
Crash weather conditions: Not reported
Vehicle overturned: Not reported
Did vehicle leave road/track: Not reported
Where incident occurred/discovered: Not reported
Shipment handling details: Not reported

Incident report preparer details:
Preparer name: Mike Evers
Preparer title: Sr Manager - Hazardous Materials
Hazmat registration ID: 062904001002M
Employer business name: Fedex Ground Package System, Inc.
Address: 1000 Fedex Drive
MOON TOWNSHIP, PA 15108
Country: US
Report date: 04/19/07
Telephone: 412-859-5051
Fax: 412-859-5045
Business type: C
Preparer other function: Not reported

Description of Events:

The package was unloaded with leakage noted on the box. Examination of the inner container revealed that the container(s) had loose cap(s) and leaked. The leakage was contained. The cap(s) were secured. The carton was wet but otherwise undamaged. The undamaged portion of the package was repacked for return to shipper.

55-90 47 TH ST (Continued) **2008428904**

Shipper Details:

Shipper ID:	429417
Shipper name:	PRESTIGE LABORATORIES
Address:	100 oak st
	EAST RUTHERFORD, NJ 07073
Shipper country:	US
Hazmat papers #:	29167700077901
Shipment origin:	Not reported
	Not reported
Shipment origin country:	Not reported

Details of material being shipped:

Material ID:	435488
Material name:	SULFURIC ACID
UN ID:	UN1830
Hazard class code:	80
Trade name:	Not reported
Packing group:	Not reported
Amount reported released:	6 Ounce(s)
Amount released:	0.046900 Ounce(s)
Material listed as hazardous waste:	False
EPA manifest number of haz. waste:	Not reported
Material listed as toxic inhalant:	False
Hazard zone of toxic inhalant:	Not reported
Material shipped under exemption/ approval/ Competent Authority Cert.	
	False
Exemption/approval/CAC number:	Not reported
Undeclared Hazmat shipment:	False
Package ID:	435926
Hazmat shipment destination:	illegible
	BRONX, NY 10471
Package type:	A
Package other description:	Not reported
Packaging markings:	Not reported
Package code:	77
Radioactive packaging indicator:	Not reported
Radioactive cert. indicator:	Not reported
Radioactive cert. No:	Not reported
Rad. nuclide(s) present:	Not reported
Transport index:	Not reported
Radioactivity indicator:	Not reported
Standardized activity:	Not reported
Critical safety index:	Not reported
Package layer ID:	595028
Package ID:	435926
Package layer code:	O
Package type for non-bulk/IBC/non-specification package	
	Box
Material type of non-bulk/IBC/non-specification package	
	Fiberboard
Head type for non-bulk/IBC/non-specification package	
	Not reported
Reported package capacity:	0
Standardized package cap:	0
Reported amount of material in pkge:	0
Number of packages shipped:	0

55-90 47 TH ST (Continued) **2008428904**

No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 595028
Package ID: 435926
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 595028
Package ID: 435926
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /

55-90 47 TH ST (Continued) **2008428904**

Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 595029
Package ID: 435926
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 595029
Package ID: 435926
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported

55-90 47 TH ST (Continued) **2008428904**

Package design pressure:	0
Package shell thickness:	0
Package head thickness:	0
Package service pressure:	0
Valve device failed:	Not reported
Valve type:	Not reported
Valve manufacturer:	Not reported
Valve model:	Not reported
Package layer ID:	595029
Package ID:	435926
Package layer code:	I
Package type for non-bulk/IBC/non-specification package	Bottle
Material type of non-bulk/IBC/non-specification package	Plastic
Head type for non-bulk/IBC/non-specification package	Not reported
Reported package capacity:	0.000000
Standardized package cap:	0.000000
Reported amount of material in pkge:	0.000000
Number of packages shipped:	0
No. of packages releasing mat.:	0
Packaging manufacturer:	Not reported
Packaging manufacturing date:	/ /
Package serial number:	Not reported
Pkge date of last testing/inspection:	/ /
Package construction material:	Not reported
Package design pressure:	0
Package shell thickness:	0.000
Package head thickness:	0.000
Package service pressure:	0
Valve device failed:	Not reported
Valve type:	Not reported
Valve manufacturer:	Not reported
Valve model:	Not reported
Package fail ID:	502978
Fail Sequence:	1
What failed code:	109
How failed code:	308
Failure cause code:	511
Package ID:	435926
Hazmat shipment destination:	illegible BRONX, NY 10471
Package type:	A
Package other description:	Not reported
Packaging markings:	Not reported
Package code:	77
Radioactive packaging indicator:	Not reported
Radioactive cert. indicator:	Not reported
Radioactive cert. No:	Not reported
Rad. nuclide(s) present:	Not reported
Transport index:	Not reported
Radioactivity indicator:	Not reported
Standardized activity:	Not reported
Critical safety index:	Not reported
Package layer ID:	595028
Package ID:	435926

55-90 47 TH ST (Continued) **2008428904**

Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 595028
Package ID: 435926
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 595028
Package ID: 435926
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box

55-90 47 TH ST (Continued) **2008428904**

Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 595029
Package ID: 435926
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 595029
Package ID: 435926
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package

55-90 47 TH ST (Continued) **2008428904**

Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 595029
Package ID: 435926
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package fail ID: 502978
Fail Sequence: 1
What failed code: 109
How failed code: 308
Failure cause code: 511
Package ID: 435926
Hazmat shipment destination: Not reported
BRONX, NY 10471
Package type: A
Package other description: Not reported
Packaging markings: Not reported

55-90 47 TH ST (Continued) **2008428904**

Package code: 77
Radioactive packaging indicator: Not reported
Radioactive cert. indicator: Not reported
Radioactive cert. No: Not reported
Rad. nuclide(s) present: Not reported
Transport index: Not reported
Radioactivity indicator: Not reported
Standardized activity: Not reported
Critical safety index: Not reported
Package layer ID: 595028
Package ID: 435926
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 595028
Package ID: 435926
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0

55-90 47 TH ST (Continued) **2008428904**

Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 595028
Package ID: 435926
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 595029
Package ID: 435926
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported

55-90 47 TH ST (Continued) **2008428904**

Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 595029
Package ID: 435926
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 595029
Package ID: 435926
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported

55-90 47 TH ST (Continued) **2008428904**

Package fail ID:	502978
Fail Sequence:	1
What failed code:	109
How failed code:	308
Failure cause code:	511
Material ID:	435488
Material name:	SULFURIC ACID
UN ID:	UN1830
Hazard class code:	80
Trade name:	Not reported
Packing group:	Not reported
Amount reported released:	6.000000 Ounce(s)
Amount released:	0.046900 Ounce(s)
Material listed as hazardous waste:	False
EPA manifest number of haz. waste:	Not reported
Material listed as toxic inhalant:	False
Hazard zone of toxic inhalant:	Not reported
Material shipped under exemption/ approval/ Competent Authority Cert.	False
Exemption/approval/CAC number:	Not reported
Undeclared Hazmat shipment:	False
Package ID:	435926
Hazmat shipment destination:	illegible BRONX, NY 10471
Package type:	A
Package other description:	Not reported
Packaging markings:	Not reported
Package code:	77
Radioactive packaging indicator:	Not reported
Radioactive cert. indicator:	Not reported
Radioactive cert. No:	Not reported
Rad. nuclide(s) present:	Not reported
Transport index:	Not reported
Radioactivity indicator:	Not reported
Standardized activity:	Not reported
Critical safety index:	Not reported
Package layer ID:	595028
Package ID:	435926
Package layer code:	O
Package type for non-bulk/IBC/non-specification package	Box
Material type of non-bulk/IBC/non-specification package	Fiberboard
Head type for non-bulk/IBC/non-specification package	Not reported
Reported package capacity:	0
Standardized package cap:	0
Reported amount of material in pkge:	0
Number of packages shipped:	0
No. of packages releasing mat.:	0
Packaging manufacturer:	Not reported
Packaging manufacturing date:	/ /
Package serial number:	Not reported
Pkge date of last testing/inspection:	/ /
Package construction material:	Not reported
Package design pressure:	0
Package shell thickness:	0

55-90 47 TH ST (Continued) **2008428904**

Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 595028
Package ID: 435926
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 595028
Package ID: 435926
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported

55-90 47 TH ST (Continued) **2008428904**

Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 595029
Package ID: 435926
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 595029
Package ID: 435926
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported

55-90 47 TH ST (Continued) **2008428904**

Package layer ID: 595029
Package ID: 435926
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package fail ID: 502978
Fail Sequence: 1
What failed code: 109
How failed code: 308
Failure cause code: 511
Package ID: 435926
Hazmat shipment destination: illegible
BRONX, NY 10471
Package type: A
Package other description: Not reported
Packaging markings: Not reported
Package code: 77
Radioactive packaging indicator: Not reported
Radioactive cert. indicator: Not reported
Radioactive cert. No: Not reported
Rad. nuclide(s) present: Not reported
Transport index: Not reported
Radioactivity indicator: Not reported
Standardized activity: Not reported
Critical safety index: Not reported
Package layer ID: 595028
Package ID: 435926
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0

55-90 47 TH ST (Continued) **2008428904**

Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 595028
Package ID: 435926
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 595028
Package ID: 435926
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0

55-90 47 TH ST (Continued) **2008428904**

No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 595029
Package ID: 435926
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 595029
Package ID: 435926
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /

55-90 47 TH ST (Continued) **2008428904**

Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 595029
Package ID: 435926
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package fail ID: 502978
Fail Sequence: 1
What failed code: 109
How failed code: 308
Failure cause code: 511
Package ID: 435926
Hazmat shipment destination: Not reported
BRONX, NY 10471
Package type: A
Package other description: Not reported
Packaging markings: Not reported
Package code: 77
Radioactive packaging indicator: Not reported
Radioactive cert. indicator: Not reported
Radioactive cert. No: Not reported
Rad. nuclide(s) present: Not reported
Transport index: Not reported
Radioactivity indicator: Not reported
Standardized activity: Not reported

55-90 47 TH ST (Continued) **2008428904**

Critical safety index: Not reported
Package layer ID: 595028
Package ID: 435926
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 595028
Package ID: 435926
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 595028
Package ID: 435926

55-90 47 TH ST (Continued) **2008428904**

Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 595029
Package ID: 435926
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 595029
Package ID: 435926
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle

55-90 47 TH ST (Continued) **2008428904**

Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 595029
Package ID: 435926
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package fail ID: 502978
Fail Sequence: 1
What failed code: 109
How failed code: 308
Failure cause code: 511

A26 **HMIRS** **20018228**
N/A

55-90 47TH ST
< 1/8 **MASPETH, NY**
1 ft.

Site 25 of 159 in cluster A

Relative: HMIRS:
Lower

Actual: Report #: 2001120089
7 ft. Site location: 55-90 47TH ST
MASPETH, NY
Place of origin: 1841 BROAD ST
POCOMOKE, MD 21851
Destination: PEPSI COLA BOTTLING
9701 AVE D
BROOKLYN, NY 11236
Carrier ID: 92098
Carrier reporting #: 34-144-1019
Carrier: FEDEX GROUND PACKAGE SYSTEM IN
Carrier address: P O BOX 108
PITTSBURGH, PA 152300108
Shipper ID: 96698
Shipper name: RICCA
Shipper address: 1841 BROAD ST
POCOMOKE, MD 21851
Shipping paper number: 052064310028225
Consignee ID: 23227
Consignee name: PEPSI COLA BOTTLING
Consignee addess: 9701 AVE D
BROOKLYN, NY 11236
General cause: 10
Transportation mode: 4
Date: 10/30/2001
Commodity name: CORROS LIQ ACIDIC INORGAN
Trade name: HYDROCHLORIC ACID
Amount: 0.25 GAL
Result: Spillage
Hazard Class: 80
ID Number: UN3264
Hazardous: False
R.Q. met: False
Misc. info: 100 100
Vehicle Type: Van truck/trailer
Trans. phase: 263
Land use: 271
Community: 281
Accident/Derailment: False
Estimated speed: F
Highway type: 999
number of lanes: 0
Number evacuated: 0
Major injuries: 0
Minor injuries: 0
Fatalities: 0
Product loss: 100
Carrier damage: 0
Pvt/Pub damage: 0
Cleanup cost: 425
Other damage: 0
Reported damage: 525

(Continued) **20018228**

Incident damage: 0

Inner and Outer Container Information:

Container type:	BOTL GLS
Container capacity:	0.13 GAL
Number failed:	2
Number in shipment:	12
Container gauge:	Not reported
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER UNKNOWN, XX
Tank serial #:	Not reported
Label:	Not reported
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway
Contributing failure:	Burst/int. pressure
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	0
Number failed code:	0
Shipment code number:	0
Container type:	4G
Container capacity:	1.59 GAL
Number failed:	1
Number in shipment:	1
Container gauge:	4G/Y17.5S/01
Manufacture's ID:	96698
Manuf. name:	RICCA POCOMOKE, MD
Tank serial #:	Not reported
Label:	WHITE
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway
Contributing failure:	Ripped
Affected side:	Bottom
Other contributing cause:	Package material
Capacity container code:	0
Number failed code:	0
Shipment code number:	0

Remarks:

THE PACKAGE WAS DROPPED IN HANDLING. EXAMINATION OF THE INNER CONTAINER
REVEALED A RUPTURED SEAM WHICH ALLOWED THE CONTENTS TO ESCAPE. THE LEAKAGE
WAS CONTAINED. THE PACKAGE WAS REPACKED FOR RETURN TO SHIPPER.

A27 **HMIRS** **20016441**
N/A

55-90 47TH ST
< 1/8 **MASPETH, NY**
1 ft.

Site 26 of 159 in cluster A

Relative: HMIRS:
Lower

Actual: Report #: 2001090176
7 ft. Site location: 55-90 47TH ST
MASPETH, NY
Place of origin: 100 OAK ST
EAST RUTHERFORD, NJ 07073
Destination: HEBREW HOME FOR THE AGED
5901 PALISADES AVE
RIVERDALE, NY 10471
Carrier ID: 92098
Carrier reporting #: 34-144-1019
Carrier: FEDEX GROUND PACKAGE SYSTEM IN
Carrier address: P O BOX 108
PITTSBURGH, PA 152300108
Shipper ID: 36678
Shipper name: PRESTIGE LABS INC
Shipper address: 100 OAK ST
EAST RUTHERFORD, NJ 07073
Shipping paper number: 1111111111111
Consignee ID: 36021
Consignee name: HEBREW HOME FOR THE AGED
Consignee addess: 5901 PALISADES AVE
RIVERDALE, NY 10471
General cause: 10
Transportation mode: 4
Date: 08/20/2001
Commodity name: SODIUM HYDROXIDE SOLUTION
Trade name: Not reported
Amount: 0.79 GAL
Result: Spillage
Hazard Class: 80
ID Number: UN1824
Hazardous: False
R.Q. met: False
Misc. info: 100 100
Vehicle Type: Van truck/trailer
Trans. phase: 263
Land use: 271
Community: 281
Accident/Derailment: False
Estimated speed: F
Highway type: 999
number of lanes: 0
Number evacuated: 0
Major injuries: 0
Minor injuries: 0
Fatalities: 0
Product loss: 100
Carrier damage: 0
Pvt/Pub damage: 0
Cleanup cost: 25
Other damage: 0
Reported damage: 125

(Continued) **20016441**

Incident damage: 0

Inner and Outer Container Information:

Container type:	BOTL PLS
Container capacity:	0.26 GAL
Number failed:	3
Number in shipment:	12
Container gauge:	Not reported
Manufacture's ID:	36678
Manuf. name:	PRESTIGE LABS INC EAST RUTHERFORD, NJ
Tank serial #:	Not reported
Label:	Not reported
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Loose fitting
Contributing Object:	No object
Contributing failure:	LEAKED
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	0
Number failed code:	0
Shipment code number:	0
Container type:	BOX FBR
Container capacity:	3.17 GAL
Number failed:	1
Number in shipment:	1
Container gauge:	Not reported
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER UNKNOWN, XX
Tank serial #:	Not reported
Label:	WHITE
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	WET
Contributing Object:	Water
Contributing failure:	WET
Affected side:	Bottom
Other contributing cause:	Package material
Capacity container code:	0
Number failed code:	0
Shipment code number:	0

Remarks:

THE PACKAGE WAS UNLOADED WITH LEAKAGE NOTED ON THE BOX. EXAMINATION OF THE
INNER CONTAINER REVEALED THAT THE CONTAINER(S) HAD LOOSE CAP(S) AND LEAKED.
THE LEAKAGE WAS CONTAINED. THE CAP(S) WERE SECURED. THE CARTON WAS WET BUT
OTHERWISE UNDAMAGED. THE PACKAGE WAS REPACKED FOR RETURN TO SHIPPER.

A28 **55-90 47TH STREET** **HMIRS** **2009057693**
55-90 47TH STREET **N/A**
< 1/8 **FLUSHING, NY 11378**
1 ft.

Site 27 of 159 in cluster A

Relative: HMIRS:
Lower

Actual: Report Number:	X-2009110186
7 ft. Report Source:	XML
Multiple Rows per Incident:	No
Report Type:	A hazardous material incident
Date of Incident:	10/30/2009
Time of Incident:	600
NRC Number:	Not reported
Fed DOT Agency Name:	Not reported
Fed DOT Report #:	Not reported
Incident City:	FLUSHING
Incident County:	Queen
Incident State:	NY
Incident Zip:	11378
Incident Non-US State:	Not reported
Incident Country:	US
Incident Route:	55-90 47th street
Mode of Transportation:	Highway
Transportation Phase:	Unloading
Carrier/Reporter Name:	FEDEX GROUND PACKAGE SYSTEM INC
Carrier/Reporter Street:	1000 FEDEX DRIVE
Carrier/Reporter City:	MOON TOWNSHIP
Carrier/Reporter State:	PA
Carrier/Reporter Zip:	15108
Carrier/Reporter Non-US State:	Not reported
Carrier/Reporter FED DOT ID:	265752
Carrier/Reporter HAZMAT ID:	051909552054R
Carrier/Reporter Country:	US
Shipper Name:	ATLANTIC PLYWOOD
Shipper Street:	75 AMOR AVENUE
Shipper City:	CARLSTADT
Shipper State:	NJ
Shipper Zip:	7072
Shipper Non-US State:	Not reported
Shipper Country:	US
Waybill/Shipping Paper:	568686130214532
Shipper HAZMAT Registration ID:	Not reported
Origin City:	Not reported
Origin State:	Not reported
Origin Zip:	Not reported
Origin Non-US State:	Not reported
Origin Country:	Not reported
Destination City:	BROOKLYN
Destination State:	NY
Destination Postal Code:	11210
Destination Non-US State:	Not reported
Destination Country:	US
Commodity Short Name:	PAINT OR PAINT RELATED
Commodity Long Name:	PAINT (including Paint Lacquer Enamel Stain Shellac Solutions Varnish Polish Liquid Filler and Liquid Lacquer Base) or PAINT RELATED MATERIAL (including Paint Thinning or Reducing Compound)
Technical/Trade Name:	Not reported
Identification Number:	UN1263

55-90 47TH STREET (Continued) **2009057693**

Hazardous Class Code:	3
Hazardous Class:	FLAMMABLE - COMBUSTIBLE LIQUID
Packing Group:	II
Quantity Released:	0.234375
Unit of Measure:	LGA
Unit of Measure Description:	Liquid - Gallon
HAZMAT Waste Indicator:	No
HAZMAT Waste EPA ID:	Not reported
HMIS Toxic by Inhalation:	No
TIH Hazard Zone:	Not reported
Material Shipment Approval:	No
Mat. Shipment Approval #:	Not reported
Undeclared HAZMAT Shipment:	No
Packaging Type:	Non-Bulk
What Failed Code:	109
What Failed Description:	Closure (e.g. Cap Top or Plug)
How Failed Code:	308
How Failed Description:	Leaked
Failure Cause Code:	526
Failure Cause Description:	Loose Closure Component or Device
Identification Markings:	Not reported
Cont1 Packaging Type:	Drum
Cont1 Material of Construction:	Metal other than steel or aluminum
Cont1 Head Type:	Not reported
Cont1 Package Capacity:	0
Cont1 Package Capacity UOM:	Not reported
Cont1 Package Amount:	0
Cont1 Package Amount UOM:	Not reported
Cont1 Pkg Number:	Not reported
Cont1 Pkg Shipment # Failed:	Not reported
Cont1 Package Manufacturer:	Not reported
Cont1 Pkg Manufacturer Date:	Not reported
Cont1 Package Serial Number:	Not reported
Cont1 Package Last Test Date:	Not reported
Cont1 Test Material Of Const:	Not reported
Cont1 Pkg Dsign Pressure Rpted:	Not reported
Cont1 Dsign Pressure UOM Rpted:	Not reported
Cont1 Pkg Shell Thickness Rptd:	Not reported
Cont1 Shell Thickness UOM Rptd:	Not reported
Cont1 Head Thickness Reported:	Not reported
Cont1 Head Thickness UOM Rpted:	Not reported
Cont1 Pkg Srvc Pressure Rpted:	Not reported
Cont1 Srvc Pressure UOM Rpted:	Not reported
Cont1 Valve or Device Fail Ind:	No
Cont1 Valve or Device Type:	Not reported
Cont1 Val Device Manufacturer:	Not reported
Cont1 Valve or Device Model:	Not reported
Cont2 Package Type:	Not reported
Cont2 Material of Construction:	Not reported
Cont2 Package Capacity:	Not reported
Cont2 Capacity UOM Reported:	Not reported
Cont2 Package Amount:	Not reported
Cont2 Package Amount UOM:	Not reported
Cont2 Pkg Number in Shipment:	Not reported
Cont2 Pkg Shipment # Failed:	Not reported
RAM Package Category:	Not reported
RAM Package Certification:	Not reported

55-90 47TH STREET (Continued) **2009057693**

RAM Package Certification #:	Not reported
RAM Nuclide(s) Present:	Not reported
RAM Transport Index:	Not reported
RAM UOM:	Not reported
RAM Activity Rpted:	Not reported
RAM UOM Rpted:	Not reported
RAM Activity:	0
RAM Activity UOM:	Not reported
RAM Material Safety Index:	Not reported
Spillage (Ind:	Yes
Fire Ind:	No
Explosion Ind:	No
Water Sewer Ind:	No
Gas Dispersion Ind:	No
Environmental Damage:	No
No Release Ind:	No
Fire/EMS Report Ind:	No
Fire EMS/EMS Report #:	Not reported
Police Report Ind:	No
Police Report #:	Not reported
In-House Cleanup Ind:	Yes
Other Cleanup Ind:	No
Damage More Than 500:	No
Material Loss:	0
Carrier Damage:	0
Property Damage:	0
Response Cost:	0
Remediation Cleanup Cost:	0
Damage Other (Old Form):	0
Total Amount of Damages:	0
HAZMAT Fatality Indicator:	No
HAZMAT Fatalities Employees:	0
HAZMAT Fatalities Responders:	0
HAZMAT Fatality Gen. Public:	0
Hazmat Fatalities (Old Form):	0
Total Hazmat Fatalities:	0
Non_HAZMAT Fatality Indicator:	No
Non-HAZMAT Fatalities:	0
HAZMAT Injury Indicator:	No
HAZMAT Hospitalized Employees:	0
HAZMAT Hospitalized Responders:	0
HAZMAT Hospitalized Gen Public:	0
HAZMAT Hospitalized (Old Form):	0
Total Hazmat Hosp Injuries:	0
HAZMAT NonHosp Employees:	0
HAZMAT NonHosp Responders:	0
HAZMAT NonHosp Gen. Public:	0
HAZMAT NonHosp (Old Form):	0
Total Hazmat NonHosp Injuries:	0
Total Hazmat Injuries:	0
Evacuation Indicator:	No
Public Evacuated:	0
Employees Evacuated:	0
Total Evacuated:	0
Total Evacuation Hours:	0
Major Artery Closed:	No
Major Artery Hours Closed:	0

55-90 47TH STREET (Continued) **2009057693**

Material Involved in Accident:	No
Estimated Speed:	0
Weather Conditions:	Not reported
Vehicle Overturn:	No
Vehicle Left Roadway/Track:	No
Passenger Aircraft Indicator:	No
Cargo Passenger Baggage Ind:	Not reported
Incident Occurrence:	Not reported
Shipphase Non-Transported Ind:	No
Shipphase Air First Flight Ind:	No
Shipphase Air SubFlight Ind:	No
Shipphase Init Transport Ind:	No
Shipphase Transfer Indicator:	No
Contact Name:	Travis McEwen
Contact Title:	Safety Specialist III - Hazmat
Contact Business Name:	FEDEX GROUND PACKAGE SYSTEM INC
Contact Street:	1000 FEDEX DRIVE
Contact City:	MOON TOWNSHIP
Contact State:	PA
Contact Postal Code:	15108
Contact Non-US State:	Not reported
Contact Country:	US
Preparer of Incident Report:	Carrier
Description of Events:	The pail was unloaded with leakage noted. Examination of the pail revealed the pail had a loose cap/lid and leaked. The leakage was contained. The cap/lid was secured. Undamaged product was returned to the shipper. The damaged product was properly disposed of in accordance with Federal Regulations.
Recommendations/Actions Taken:	Not reported
Recommendations/Actions:	Not reported
HMIS Serious Incident Ind:	No
HMIS Serious Fatality:	No
HMIS Serious Injury:	No
HMIS Serious Flight Plan:	No
HMIS Serious Evacuations:	No
HMIS Serious Major Artery:	No
HMIS Serious Bulk Release:	No
HMIS Serious Marine Pollutant:	No
HMIS Serious Radioactive:	No
HMIS General Package Type:	DRUM METAL
HMIS Container Code:	DRUM MTL
HMIS Container Description:	Metal drum
HMIS Bulk Incident Indicator:	No
Undeclared Shipment:	No

A29 **55-90 47 TH ST** **HMIRS** **2009047358**
55-90 47 TH ST **N/A**
< 1/8 **FLUSHING, NY 11378**
1 ft.

Site 28 of 159 in cluster A

Relative: HMIRS:
Lower

Report Number:	X-2009040092
Report Source:	XML
Multiple Rows per Incident:	No
Report Type:	A hazardous material incident
Date of Incident:	3/23/2009
Time of Incident:	600

Actual:
7 ft.

55-90 47 TH ST (Continued) **2009047358**

NRC Number:	Not reported
Fed DOT Agency Name:	Not reported
Fed DOT Report #:	Not reported
Incident City:	FLUSHING
Incident County:	Queen
Incident State:	NY
Incident Zip:	11378
Incident Non-US State:	Not reported
Incident Country:	US
Incident Route:	55-90 47 th st
Mode of Transportation:	Highway
Transportation Phase:	Unloading
Carrier/Reporter Name:	FEDEX GROUND PACKAGE SYSTEM INC
Carrier/Reporter Street:	1000 FEDEX DRIVE
Carrier/Reporter City:	MOON TOWNSHIP
Carrier/Reporter State:	PA
Carrier/Reporter Zip:	15108
Carrier/Reporter Non-US State:	Not reported
Carrier/Reporter FED DOT ID:	265752
Carrier/Reporter HAZMAT ID:	062904001002M
Carrier/Reporter Country:	US
Shipper Name:	NELSON JAMESON INC
Shipper Street:	2400 E 5TH ST
Shipper City:	MARSHFIELD
Shipper State:	WI
Shipper Zip:	54449
Shipper Non-US State:	Not reported
Shipper Country:	US
Waybill/Shipping Paper:	38638370697785
Shipper HAZMAT Registration ID:	Not reported
Origin City:	Not reported
Origin State:	Not reported
Origin Zip:	Not reported
Origin Non-US State:	Not reported
Origin Country:	Not reported
Destination City:	BROOKLYN
Destination State:	NY
Destination Postal Code:	11206
Destination Non-US State:	Not reported
Destination Country:	US
Commodity Short Name:	CORROSIVE LIQUIDS N.O.S.
Commodity Long Name:	CORROSIVE LIQUIDS N.O.S.
Technical/Trade Name:	phosphoric acid sulf
Identification Number:	UN1760
Hazardous Class Code:	8
Hazardous Class:	CORROSIVE MATERIAL
Packing Group:	II
Quantity Released:	0.117188
Unit of Measure:	LGA
Unit of Measure Description:	Liquid - Gallon
HAZMAT Waste Indicator:	No
HAZMAT Waste EPA ID:	Not reported
HMIS Toxic by Inhalation:	No
TIH Hazard Zone:	Not reported
Material Shipment Approval:	No
Mat. Shipment Approval #:	Not reported
Undeclared HAZMAT Shipment:	No

55-90 47 TH ST (Continued) **2009047358**

Packaging Type:	Non-Bulk
What Failed Code:	103
What Failed Description:	Basic Material
How Failed Code:	304
How Failed Description:	Cracked
Failure Cause Code:	516
Failure Cause Description:	Impact with Sharp or Protruding Object (e.g. nails)
Identification Markings:	3H1/Y1.2/100/08USA
Cont1 Packaging Type:	Not reported
Cont1 Material of Construction:	Not reported
Cont1 Head Type:	Not reported
Cont1 Package Capacity:	Not reported
Cont1 Package Capacity UOM:	Not reported
Cont1 Package Amount:	Not reported
Cont1 Package Amount UOM:	Not reported
Cont1 Pkg Number:	Not reported
Cont1 Pkg Shipment # Failed:	Not reported
Cont1 Package Manufacturer:	Not reported
Cont1 Pkg Manufacturer Date:	Not reported
Cont1 Package Serial Number:	Not reported
Cont1 Package Last Test Date:	Not reported
Cont1 Test Material Of Const:	Not reported
Cont1 Pkg Dsign Pressure Rpted:	Not reported
Cont1 Dsign Pressure UOM Rpted:	Not reported
Cont1 Pkg Shell Thickness Rptd:	Not reported
Cont1 Shell Thickness UOM Rptd:	Not reported
Cont1 Head Thickness Reported:	Not reported
Cont1 Head Thickness UOM Rpted:	Not reported
Cont1 Pkg Srvc Pressure Rpted:	Not reported
Cont1 Srvc Pressure UOM Rpted:	Not reported
Cont1 Valve or Device Fail Ind:	No
Cont1 Valve or Device Type:	Not reported
Cont1 Val Device Manufacturer:	Not reported
Cont1 Valve or Device Model:	Not reported
Cont2 Package Type:	Not reported
Cont2 Material of Construction:	Not reported
Cont2 Package Capacity:	Not reported
Cont2 Capacity UOM Reported:	Not reported
Cont2 Package Amount:	Not reported
Cont2 Package Amount UOM:	Not reported
Cont2 Pkg Number in Shipment:	Not reported
Cont2 Pkg Shipment # Failed:	Not reported
RAM Package Category:	Not reported
RAM Package Certification:	Not reported
RAM Package Certification #:	Not reported
RAM Nuclide(s) Present:	Not reported
RAM Transport Index:	Not reported
RAM UOM:	Not reported
RAM Activity Rpted:	Not reported
RAM UOM Rpted:	Not reported
RAM Activity:	Not reported
RAM Activity UOM:	Not reported
RAM Material Safety Index:	Not reported
Spillage (Ind:	Yes
Fire Ind:	No
Explosion Ind:	No
Water Sewer Ind:	No

55-90 47 TH ST (Continued) **2009047358**

Gas Dispersion Ind:	No
Environmental Damage:	No
No Release Ind:	No
Fire/EMS Report Ind:	No
Fire EMS/EMS Report #:	Not reported
Police Report Ind:	No
Police Report #:	Not reported
In-House Cleanup Ind:	Yes
Other Cleanup Ind:	No
Damage More Than 500:	No
Material Loss:	0
Carrier Damage:	0
Property Damage:	0
Response Cost:	0
Remediation Cleanup Cost:	0
Damage Other (Old Form):	0
Total Amount of Damages:	0
HAZMAT Fatality Indicator:	No
HAZMAT Fatalities Employees:	0
HAZMAT Fatalities Responders:	0
HAZMAT Fatality Gen. Public:	0
Hazmat Fatalities (Old Form):	0
Total Hazmat Fatalities:	0
Non_HAZMAT Fatality Indicator:	No
Non-HAZMAT Fatalities:	0
HAZMAT Injury Indicator:	No
HAZMAT Hospitalized Employees:	0
HAZMAT Hospitalized Responders:	0
HAZMAT Hospitalized Gen Public:	0
HAZMAT Hospitalized (Old Form):	0
Total Hazmat Hosp Injuries:	0
HAZMAT NonHosp Employees:	0
HAZMAT NonHosp Responders:	0
HAZMAT NonHosp Gen. Public:	0
HAZMAT NonHosp (Old Form):	0
Total Hazmat NonHosp Injuries:	0
Total Hazmat Injuries:	0
Evacuation Indicator:	No
Public Evacuated:	0
Employees Evacuated:	0
Total Evacuated:	0
Total Evacuation Hours:	0
Major Artery Closed:	No
Major Artery Hours Closed:	0
Material Involved in Accident:	No
Estimated Speed:	0
Weather Conditions:	Not reported
Vehicle Overturn:	No
Vehicle Left Roadway/Track:	No
Passenger Aircraft Indicator:	No
Cargo Passenger Baggage Ind:	Not reported
Incident Occurrence:	Not reported
Shipphase Non-Transported Ind:	No
Shipphase Air First Flight Ind:	No
Shipphase Air SubFlight Ind:	No
Shipphase Init Transport Ind:	No
Shipphase Transfer Indicator:	No

55-90 47 TH ST (Continued) **2009047358**

Contact Name:	Travis McEwen
Contact Title:	Safety Specialist III - Hazmat
Contact Business Name:	FEDEX GROUND PACKAGE SYSTEM INC
Contact Street:	1000 FEDEX DRIVE
Contact City:	MOON TOWNSHIP
Contact State:	PA
Contact Postal Code:	15108
Contact Non-US State:	Not reported
Contact Country:	US
Preparer of Incident Report:	Carrier
Description of Events:	The package was dropped in handling. Examination of the inner container revealed a ruptured seam which allowed the contents to escape. The leakage was contained. The undamaged portion of the package was repacked for return to shipper.
Recommendations/Actions Taken:	Not reported
Recommendations/Actions:	Not reported
HMIS Serious Incident Ind:	No
HMIS Serious Fatality:	No
HMIS Serious Injury:	No
HMIS Serious Flight Plan:	No
HMIS Serious Evacuations:	No
HMIS Serious Major Artery:	No
HMIS Serious Bulk Release:	No
HMIS Serious Marine Pollutant:	No
HMIS Serious Radioactive:	No
HMIS General Package Type:	JERRICAN
HMIS Container Code:	3H1
HMIS Container Description:	Non-removable head plastic jerrican
HMIS Bulk Incident Indicator:	No
Undeclared Shipment:	No

A30 **HMIRS** **2004070041**

55-90 47TH STREET **N/A**

< 1/8
MASPETH, NY
1 ft.

Site 29 of 159 in cluster A

Relative:
Lower

Actual:
7 ft.

HMIRS:

Report #:	2004070041
Site location:	55-90 47TH STREET MASPETH, NY
Place of origin:	755 JERSEY AVE NEW BRUNSWICK, NJ 08901
Destination:	QUEENS PLATING 36-16 37TH ST LONG ISLAND CITY, NY 11101
Carrier ID:	92098
Carrier reporting #:	34-144-1019
Carrier:	FEDEX GROUND PACKAGE SYSTEM IN
Carrier address:	P O BOX 108 PITTSBURGH, PA 152300108
Shipper ID:	73321
Shipper name:	SPECTRUM QUALITY PRODUCTS
Shipper address:	755 JERSEY AVE NEW BRUNSWICK, NJ 08901
Shipping paper number:	031335083552253
Consignee ID:	80350
Consignee name:	QUEENS PLATING

(Continued) **2004070041**

Consignee addess:	36-16 37TH ST LONG ISLAND CITY, NY 11101
General cause:	10
Transportation mode:	4
Date:	06/15/04
Commodity name:	CORROSIVE LIQUIDS N.O.S.
Trade name:	Not reported
Amount:	1.06 GAL
Result:	Spillage
Hazard Class:	80
ID Number:	UN1760
Hazardous:	False
R.Q. met:	False
Misc. info:	100 100
Vehicle Type:	Van truck/trailer
Trans. phase:	263
Land use:	272
Community:	283
Accident/Derailment:	False
Estimated speed:	F
Highway type:	999
number of lanes:	0
Number evacuated:	0
Major injuries:	0
Minor injuries:	0
Fatalities:	0
Product loss:	100
Carrier damage:	0
Pvt/Pub damage:	0
Cleanup cost:	425
Other damage:	0
Reported damage:	525
Incident damage:	0

Inner and Outer Container Information:

Container type:	BOTL PLS
Container capacity:	0.53 GAL
Number failed:	2
Number in shipment:	2
Container gauge:	Not reported
Manufacture's ID:	97504
Manuf. name:	SPECTRUM CHEMICAL NEW BRUNSWICK, NJ
Tank serial #:	Not reported
Label:	Not reported
Registration #:	Not reported
Inspection date:	12/30/99
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway
Contributing failure:	Burst/int. pressure
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	0
Number failed code:	1
Shipment code number:	0
Container type:	BOX FBR

(Continued) **2004070041**

Container capacity:	1.06 GAL
Number failed:	1
Number in shipment:	1
Container gauge:	Not reported
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER UNKNOWN, XX
Tank serial #:	Not reported
Label:	WHITE
Registration #:	Not reported
Inspection date:	12/30/99
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway
Contributing failure:	Ripped
Affected side:	Bottom
Other contributing cause:	Package material
Capacity container code:	0
Number failed code:	0
Shipment code number:	0

Remarks:

THE PACKAGE WAS DROPPED IN HANDLING. EXAMINATION OF THE INNER CONTAINER
REVEALED A RUPTURED SEAM WHICH ALLOWED THE CONTENTS TO ESCAPE. THE LEAKAGE
WAS CONTAINED. THE UNDAMAGED PORTION OF THE PACKAGE WAS REPACKED FOR RETURN TO SHIPPER.

A31 **HMIRS** **2000031066**
N/A

55-90 47TH ST
< 1/8 **MASPETH, NY**
1 ft.

Site 30 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:

Report #:	2000060868
Site location:	55-90 47TH ST MASPETH, NY
Place of origin:	100 VARICK AVE BROOKLYN, NY 13072
Destination:	MARI STRINGS INC 1427 BROADWAY LONG ISLAND CITY, NY 11106
Carrier ID:	92098
Carrier reporting #:	34-144-1019
Carrier:	FEDEX GROUND PACKAGE SYSTEM IN
Carrier address:	P O BOX 108 PITTSBURGH, PA 152300108
Shipper ID:	13072
Shipper name:	ENEQUIST CHEMICAL CO INC
Shipper address:	100 VARICK AVE BROOKLYN, NY 13072
Shipping paper number:	1092160013896
Consignee ID:	80350
Consignee name:	MARI STRINGS INC
Consignee addess:	1427 BROADWAY

(Continued) **2000031066**

LONG ISLAND CITY, NY 11106

General cause:	10
Transportation mode:	4
Date:	05/10/2000
Commodity name:	TOXIC LIQUID CORRO INORG
Trade name:	SODIUM BICHOMATE/SUL
Amount:	0.25 GAL
Result:	Spillage
Hazard Class:	61
ID Number:	UN3289
Hazardous:	True
R.Q. met:	False
Misc. info:	100 100
Vehicle Type:	Van truck/trailer
Trans. phase:	263
Land use:	272
Community:	281
Accident/Derailment:	False
Estimated speed:	F
Highway type:	999
number of lanes:	Not reported
Number evacuated:	0
Major injuries:	0
Minor injuries:	0
Fatalities:	0
Product loss:	100
Carrier damage:	0
Pvt/Pub damage:	0
Cleanup cost:	25
Other damage:	0
Reported damage:	125
Incident damage:	0

Inner and Outer Container Information:

Container type:	1H1
Container capacity:	5. GAL
Number failed:	1
Number in shipment:	1
Container gauge:	UN1H1/Y1.8/1
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER UNKNOWN, XX
Tank serial #:	Not reported
Label:	Not reported
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Loose fitting
Contributing Object:	No object
Contributing failure:	LEAKED
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	0
Number failed code:	0
Shipment code number:	0
Container type:	1H1
Container capacity:	5.00

(Continued) **2000031066**

Number failed:	1
Number in shipment:	1
Container gauge:	UN1H1/Y1.8/1
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER UNKNOWN, XX
Tank serial #:	Not reported
Label:	Not reported
Registration #:	Not reported
Inspection date:	Not reported
Exemption #:	Not reported
Contributing cause:	Loose fitting
Contributing Object:	No object
Contributing failure:	LEAKED
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	Not reported
Number failed code:	Not reported
Shipment code number:	Not reported

Remarks:

THE PAIL WAS UNLOADED WITH LEAKAGE NOTED. EXAMINATION OF THE PAIL REVEALED THE PAIL HAD A LOOSE CAP/LID AND LEAKED. THE LEAKAGE WAS CONTAINED. THE CAP/LID WAS SECURED. THE PAIL WAS REPACKED FOR RETURN TO SHIPPER.

A32 **55-90 47TH ST** **HMIRS** **2007435342**
55-90 47TH ST **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 31 of 159 in cluster A

Relative: HMIRS:
Lower

Actual:
7 ft.

Report #:	2006070090
System ID:	410759
Report type:	A
Incident site:	55-90 47th st MASPETH, NY 11378
Incident county:	queens
Incident country:	US
Incident date:	06/09/06
Incident time:	1604
NRC report #:	0
Other fed agency reported to:	Not reported
Other agency report #:	Not reported
Incident foreign country:	Not reported
Transportation mode:	4
Transportation phase:	261
Carrier DOT ID:	265752
Carrier Hazmat ID:	062904001002M
Carrier name:	Fedex Ground Package System, Inc.
Carrier address:	1000 Fedex Drive MOON TOWNSHIP, PA 15108
Carrier country:	US
Incident consequence:	Spillage
EMS/Fire crew responded:	Not reported
EMS/Fire crew report #:	Not reported

55-90 47TH ST (Continued) **2007435342**

Police responded:	Not reported
Police report #:	Not reported
In-house cleanup occurred:	True
Other cleanup occurred:	Not reported
Estimated damages exceed $500:	False
Value of material lost:	0
Value of carrier loss:	0
Value of pub/priv property loss:	0
Response cost:	0
Remediation cost:	0

Details of fatalities by vapor/fire/explosion of hazardous material:

Did Fatalities occur:	False
No. of employee fatalities:	0
No. of responder fatalities:	0
No. of public fatalities:	0

Details of fatalities not due to hazardous material:

Did fatalities occur:	Not reported
No. of dead persons:	0

Details of injuries due to hazardous material:

Did injuries occur:	False
No. of employees hospitalized:	0
No. of employees not hospitalized:	0
No. of responders hospitalized:	0
No. of responders not hospitalized:	0
No. of public hospitalized:	0
No. of public not hospitalized:	0
Evacuation was required:	False
No. of employees evacuated:	0
No. of public evacuated:	0
Total number evacuated:	0
Evacuation time in hours:	0
Road/facility was closed:	False
No. of hours closed:	0
Hazmat invloved in crash/derailment:	False
Estimated speed of crash:	0
Crash weather conditions:	Not reported
Vehicle overturned:	Not reported
Did vehicle leave road/track:	Not reported
Where incident occurred/discovered:	Not reported
Shipment handling details:	Not reported

Incident report preparer details:

Preparer name:	Scott Kerr
Preparer title:	TSM Manager II - Safety
Hazmat registration ID:	062904001002M
Employer business name:	Fedex Ground Package System, Inc.
Address:	1000 Fedex Drive MOON TOWNSHIP, PA 15108
Country:	US
Report date:	07/05/06
Telephone:	412-859-5051
Fax:	412-859-5045
Business type:	C
Preparer other function:	Not reported

A33 **55-90 47TH STREET** **HMIRS** **2011007635**
55-90 47TH STREET **N/A**
< 1/8 **MASPETH, NY 11378**
1 ft.

Site 32 of 159 in cluster A

Relative: HMIRS:
Lower

Actual:
7 ft.

Report Number:	X-2011080183
Report Source:	XML
Multiple Rows per Incident:	No
Report Type:	A hazardous material incident
Date of Incident:	07/12/2011
Time of Incident:	0600
NRC Number:	Not reported
Fed DOT Agency Name:	Not reported
Fed DOT Report #:	Not reported
Incident City:	Maspeth
Incident County:	Queen
Incident State:	NY
Incident Zip:	11378
Incident Non-US State:	Not reported
Incident Country:	US
Incident Route:	55-90 47th street
Mode of Transportation:	Highway
Transportation Phase:	UNLOADING
Carrier/Reporter Name:	FEDEX GROUND PACKAGE SYSTEM INC.
Carrier/Reporter Street:	1000 FED EX DR
Carrier/Reporter City:	CORAOPOLIS
Carrier/Reporter State:	PA
Carrier/Reporter Zip:	15108
Carrier/Reporter Non-US State:	Not reported
Carrier/Reporter FED DOT ID:	1470984
Carrier/Reporter HAZMAT ID:	051910551007S
Carrier/Reporter Country:	US
Shipper Name:	DOHENY ENTERPRISES INC.
Shipper Street:	6950 51ST ST
Shipper City:	KENOSHA
Shipper State:	WI
Shipper Zip:	53144
Shipper Non-US State:	Not reported
Shipper Country:	US
Waybill/Shipping Paper:	247169715006420
Shipper HAZMAT Registration ID:	Not reported
Origin City:	KENOSHA
Origin State:	WI
Origin Zip:	53144
Origin Non-US State:	Not reported
Origin Country:	US
Destination City:	BROOKLYN
Destination State:	Not reported
Destination Postal Code:	Not reported
Destination Non-US State:	Not reported
Destination Country:	US
Commodity Short Name:	HYDROGEN PEROXIDE 20-40%
Commodity Long Name:	HYDROGEN PEROXIDE AQUEOUS SOLUTIONS WITH NOT LESS THAN 20 PERCENT BUT NOT MORE THAN 40 PERCENT HYDROGEN PEROXIDE (STABILIZED AS NECESSARY)
Technical/Trade Name:	HYDROGEN PEROXIDE
Identification Number:	UN2014
Hazardous Class Code:	5.1

55-90 47TH STREET (Continued) **2011007635**

Hazardous Class:	OXIDIZER
Packing Group:	II
Quantity Released:	1.3209
Unit of Measure:	LGA
Unit of Measure Description:	Liquid - Gallon
HAZMAT Waste Indicator:	No
HAZMAT Waste EPA ID:	Not reported
HMIS Toxic by Inhalation:	No
TIH Hazard Zone:	Not reported
Material Shipment Approval:	No
Mat. Shipment Approval #:	Not reported
Undeclared HAZMAT Shipment:	No
Packaging Type:	Non-Bulk
What Failed Code:	109
What Failed Description:	Closure (e.g. Cap Top or Plug)
How Failed Code:	308
How Failed Description:	Leaked
Failure Cause Code:	526
Failure Cause Description:	Loose Closure Component or Device
Identification Markings:	Not reported
Cont1 Packaging Type:	Box
Cont1 Material of Construction:	Fiberboard
Cont1 Head Type:	Not reported
Cont1 Package Capacity:	Not reported
Cont1 Package Capacity UOM:	Not reported
Cont1 Package Amount:	Not reported
Cont1 Package Amount UOM:	Not reported
Cont1 Pkg Number:	Not reported
Cont1 Pkg Shipment # Failed:	Not reported
Cont1 Package Manufacturer:	Not reported
Cont1 Pkg Manufacturer Date:	Not reported
Cont1 Package Serial Number:	Not reported
Cont1 Package Last Test Date:	Not reported
Cont1 Test Material Of Const:	Not reported
Cont1 Pkg Dsign Pressure Rpted:	Not reported
Cont1 Dsign Pressure UOM Rpted:	Not reported
Cont1 Pkg Shell Thickness Rptd:	Not reported
Cont1 Shell Thickness UOM Rptd:	Not reported
Cont1 Head Thickness Reported:	Not reported
Cont1 Head Thickness UOM Rpted:	Not reported
Cont1 Pkg Srvc Pressure Rpted:	Not reported
Cont1 Srvc Pressure UOM Rpted:	Not reported
Cont1 Valve or Device Fail Ind:	No
Cont1 Valve or Device Type:	Not reported
Cont1 Val Device Manufacturer:	Not reported
Cont1 Valve or Device Model:	Not reported
Cont2 Package Type:	Bottle
Cont2 Material of Construction:	Plastic
Cont2 Package Capacity:	Not reported
Cont2 Capacity UOM Reported:	Not reported
Cont2 Package Amount:	Not reported
Cont2 Package Amount UOM:	Not reported
Cont2 Pkg Number in Shipment:	Not reported
Cont2 Pkg Shipment # Failed:	Not reported
RAM Package Category:	Not reported
RAM Package Certification:	FALSE
RAM Package Certification #:	Not reported

55-90 47TH STREET (Continued) **2011007635**

RAM Nuclide(s) Present:	Not reported
RAM Transport Index:	Not reported
RAM UOM:	Not reported
RAM Activity Rpted:	Not reported
RAM UOM Rpted:	Not reported
RAM Activity:	Not reported
RAM Activity UOM:	Not reported
RAM Material Safety Index:	Not reported
Spillage (Ind:	Yes
Fire Ind:	No
Explosion Ind:	No
Water Sewer Ind:	No
Gas Dispersion Ind:	No
Environmental Damage:	No
No Release Ind:	No
Fire/EMS Report Ind:	No
Fire EMS/EMS Report #:	Not reported
Police Report Ind:	No
Police Report #:	Not reported
In-House Cleanup Ind:	No
Other Cleanup Ind:	No
Damage More Than 500:	No
Material Loss:	0
Carrier Damage:	0
Property Damage:	0
Response Cost:	0
Remediation Cleanup Cost:	0
Damage Other (Old Form):	0
Total Amount of Damages:	0
HAZMAT Fatality Indicator:	No
HAZMAT Fatalities Employees:	0
HAZMAT Fatalities Responders:	0
HAZMAT Fatality Gen. Public:	0
Hazmat Fatalities (Old Form):	0
Total Hazmat Fatalities:	Not reported
Non_HAZMAT Fatality Indicator:	No
Non-HAZMAT Fatalities:	0
HAZMAT Injury Indicator:	No
HAZMAT Hospitalized Employees:	0
HAZMAT Hospitalized Responders:	0
HAZMAT Hospitalized Gen Public:	0
HAZMAT Hospitalized (Old Form):	0
Total Hazmat Hosp Injuries:	0
HAZMAT NonHosp Employees:	0
HAZMAT NonHosp Responders:	0
HAZMAT NonHosp Gen. Public:	0
HAZMAT NonHosp (Old Form):	0
Total Hazmat NonHosp Injuries:	0
Total Hazmat Injuries:	0
Evacuation Indicator:	No
Public Evacuated:	0
Employees Evacuated:	0
Total Evacuated:	0
Total Evacuation Hours:	0
Major Artery Closed:	No
Major Artery Hours Closed:	0
Material Involved in Accident:	No

55-90 47TH STREET (Continued) **2011007635**

Estimated Speed:	0
Weather Conditions:	Not reported
Vehicle Overturn:	No
Vehicle Left Roadway/Track:	No
Passenger Aircraft Indicator:	No
Cargo Passenger Baggage Ind:	Not reported
Incident Occurrence:	Not reported
Shipphase Non-Transported Ind:	No
Shipphase Air First Flight Ind:	No
Shipphase Air SubFlight Ind:	No
Shipphase Init Transport Ind:	No
Shipphase Transfer Indicator:	No
Contact Name:	GEORGE FETSKO
Contact Title:	SAFETY PROCESS SPECIALIST I - HAZMAT
Contact Business Name:	Fedex Ground Package System Inc.
Contact Street:	1000 Fedex Drive
Contact City:	Moon Township
Contact State:	PA
Contact Postal Code:	15108
Contact Non-US State:	Not reported
Contact Country:	US
Preparer of Incident Report:	Carrier
Description of Events:	The package was unloaded with leakage noted on the box. Examination of the inner container revealed that the container(s) had loose cap(s) and leaked. The leakage was contained. The cap(s) were secured. The carton was wet but otherwise undamaged. The undamaged portion of the package was repacked for return to shipper.
Recommendations/Actions Taken:	Not reported
Recommendations/Actions:	Not reported
HMIS Serious Incident Ind:	No
HMIS Serious Fatality:	No
HMIS Serious Injury:	No
HMIS Serious Flight Plan:	No
HMIS Serious Evacuations:	No
HMIS Serious Major Artery:	No
HMIS Serious Bulk Release:	No
HMIS Serious Marine Pollutant:	No
HMIS Serious Radioactive:	No
HMIS General Package Type:	OHMIR.Ref_Container.descr
HMIS Container Code:	BOX FBR
HMIS Container Description:	Fiberboard box or carton
HMIS Bulk Incident Indicator:	No
Undeclared Shipment:	No

A34 **IN YARD** **NY Spills** **S121463896**
55-70 47TH STREET **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 33 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

SPILLS:

Name:	IN YARD
Address:	55-70 47TH STREET
City,State,Zip:	MASPETH, NY
Spill Number/Closed Date:	1709555 / 2018-09-26
Facility ID:	1709555
Facility Type:	ER
DER Facility ID:	519468

IN YARD (Continued) **S121463896**

Site ID:	566004
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	Not reported
SWIS:	4101
Spill Date:	2018-01-18
Investigator:	HRPATEL
Referred To:	Not reported
Reported to Dept:	2018-01-18
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2018-01-18
Spill Record Last Update:	2018-09-26
Spiller Name:	Not reported
Spiller Company:	PROPERTY OWNER
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	MANDY JONES
DEC Memo:	"1/18/18 TJD Teleconference with Mandy at Windmill to obtain further information. Provided contact info for foreman Mike Jr. at site. Spoke with Mike Jr. He states that he was retained to remove (1) 1K UST at spill address and a second 1K UST at adjoining property 55-80 - same owner. Tank was uncovered and contractor observed rotten oil lines with black oil in soil surrounding tank - tank currently contains #2 FO. Second tank not yet uncovered. As location is nearby to R2 office with open excavation, daytime runner (Patel) was advised to inspect - runner declined response an instructed duty desk officer to send CSL letter. Letter sent to owner following teleconference with staff at number provided by Windmill. Initial contact information provided is a follows: Carco Builders Corp (516)997-4100 Called above number an spoke with Janet - requested owner information to send DEC requirement letter, provided following information: Owner: Fred Carillo Morgan Realty Company 25 South Service Road Suite 320 Jericho, NY 11753 An internet search of provided company name was conducted yielding no results. A subsequent search was conducted with owners name - Fred Carillo is the Mayor of Old Westbury. Patel updated with information. CSL letter was prepared and sent via US Mail to owner listed above, Patel and contractor were copied on correspondence via email with attached CSL. DECDOCS for this spill is unavailable, PM to upload at his convenience. 01/19/18-Hiralkumar Patel. searched NYC DOB and google maps, but could not locate site address. 12:55 PM:- spoke with Mandy at Windmill. she stated that the site is located north of a recycling facility (5 Boro Recycling), near Maspeth Ave. searched google maps and found a recycling facility (5 Boro Green Services, LLC.) near Maspeth Ave on block # 2600/lot # 80. as per NYC DOB record, address for block 2600/lot 80 is 55-80 48th Street and the site is owned by Morgan Realty Company. Morgan Realty Co. also owns block 2600/lot 70. as per NYC DOB record, address for lot # 70 is 55-70 48th Street. google map shows addresses

IN YARD (Continued) **S121463896**

on these buildings as 55-70 47th Street and 55-80 47th Street. 1:26 PM:- spoke with John at recycling facility (718-482-7180), who confirmed that landlord has retained a contractor to remove a tank from their facility. John stated that the landlord also owns the neighboring property to the north where the same contractor is removing an another tank. the neighboring property is occupied by a bakery (Bimbo Bakeries USA). based on available information, added address 55-70 48th Street in Site Address info of the spill report. as per NYCDOB/NYC digital tax lot map/google map, the subject site is located at the intersection of Maspeth Ave and 48th Street, along the Maspeth Creek. 2:16 PM:- called Mr. Carillo's office and received his email address. Morgan Realty Company **property owner** 25 South Service Road, Suite 320 Jericho, NY 11753 Attn.: Fred Carillo Ph. (516) 997-4100 email: fcarillo@carcocorp.com 2:25 PM:- sent email to Mr. Carillo including copy of letter dated 01/18/18. 01/25/18-Hiralkumar Patel. 9:05 AM:- received call from Mandy. she mentioned that the tank was actually 2,000 gal in size and was containing oil prior to removal. asked her to register the tank. tank was removed and excavation has been backfilled. informed Mandy that the department requires endpoint samples from bottom and sidewalls of excavation for 8260/8270 analyses. she will confirm excavation size and # of endpoint samples collected prior to backfilling. 02/22/18-Hiralkumar Patel. 12:07 PM:- spoke with Mandy regarding endpoint sample results. she is waiting for sample results and will submit it once received. 09/25/18-Hiralkumar Patel. received message from Ryan (at 4:13 PM on 09/24/18) from Windmill Services. 7:51 AM:- received email from Ryan including incomplete report. 2:10 PM:- spoke with Mike at Windmill and asked him to submit a revised report including following: - tank size - length/diameter - original excavation dimensions - complete lab report for samples collected on 01/19/18 - final excavation dimensions - complete lab report for samples collected on 06/22/18 - confirmed depth of groundwater - scaled site map including tank, initial excavation dimension, final excavation dimensions and endpoint sample locations - piping status 2:23 PM:- sent email to Ryan and asked him to submit a revised report including above details. 3:21 PM:- received email from Ryan including a revised report. during removal of a 1,000 gal UST, no piping were found attached to the tank. prior to tank removal, Windmill removed 889 gal of #2 fuel oil. corrosion holes were noted on tank top and upper sidewalls, but no holes were noted on bottom of the tank. the tank was 4 ft in dia. and 10 ft long. after tank removal, contaminated soil was removed from 14 ft by 8 ft area to 12 ft depth where groundwater was found. one plug hole was dug down to approx. 15 ft bg to allow recharge for water sample. one groundwater sample and four sidewall samples were collected on 01/19/18. no VOC contamination was noted in endpoint samples, but some minute SVOC detection was noted in all soil samples. based on detection of SVOCs in sidewall soil samples, excavation was expanded 1 ft on all four sides and another set of sidewall samples were collected on 06/22/18. no contamination was noted in additional sidewall samples. all sidewall samples were collected at 10 ft bg. 09/26/18-Hiralkumar Patel. case closed based on available information. 10:54 AM:- sent spill closure letter to Mr. Carillo. letter emailed to Mr. Carillo and Ryan."

Remarks: "contained and clean up is ongoing, unknown amount lost"

All Materials:

Site ID: 566004

IN YARD (Continued) **S121463896**

Operable Unit ID:	1313939
Operable Unit:	01
Material ID:	2321444
Material Code:	0003A
Material Name:	#6 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

A35 **HMIRS** **20013968**
55-90 47TH ST **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 34 of 159 in cluster A

Relative: Lower
Actual: 7 ft.

HMIRS:

Report #:	2001061401
Site location:	55-90 47TH ST MASPETH, NY
Place of origin:	255 BLAIR ROAD AVENEL, NJ 07001
Destination:	PIER 25 A 215-16 NORTHERN BLVD BAYSIDE, NY 11361
Carrier ID:	92098
Carrier reporting #:	341441019
Carrier:	FEDEX GROUND PACKAGE SYSTEM IN
Carrier address:	P O BOX 108 PITTSBURGH, PA 152300108
Shipper ID:	24649
Shipper name:	ECO-LABS INC
Shipper address:	255 BLAIR ROAD AVENEL, NJ 07001
Shipping paper number:	007184111143603
Consignee ID:	80350
Consignee name:	PIER 25 A
Consignee addess:	215-16 NORTHERN BLVD BAYSIDE, NY 11361
General cause:	10
Transportation mode:	4
Date:	06/11/2001
Commodity name:	SODIUM HYDROXIDE SOLUTION
Trade name:	Not reported
Amount:	2.00 GAL
Result:	Spillage
Hazard Class:	80
ID Number:	UN1824
Hazardous:	False
R.Q. met:	False
Misc. info:	100 100
Vehicle Type:	Van truck/trailer
Trans. phase:	263
Land use:	272
Community:	281

(Continued) **20013968**

Accident/Derailment:	False
Estimated speed:	F
Highway type:	999
number of lanes:	0
Number evacuated:	0
Major injuries:	0
Minor injuries:	0
Fatalities:	0
Product loss:	100
Carrier damage:	0
Pvt/Pub damage:	0
Cleanup cost:	25
Other damage:	0
Reported damage:	125
Incident damage:	0

Inner and Outer Container Information:

Container type:	PAIL PLS
Container capacity:	5.00 GAL
Number failed:	1
Number in shipment:	1
Container gauge:	Not reported
Manufacture's ID:	24649
Manuf. name:	ECO-LABS INC AVENEL, NJ
Tank serial #:	Not reported
Label:	WHITE
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Loose fitting
Contributing Object:	No object
Contributing failure:	LEAKED
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	0
Number failed code:	0
Shipment code number:	0

Remarks:

THE PAIL WAS UNLOADED WITH LEAKAGE NOTED. EXAMINATION OF THE PAIL REVEALED
THE PAIL HAD A LOOSE CAP/LID AND LEAKED. THE LEAKAGE WAS CONTAINED. THE
CAP/LID WAS SECURED. THE PAIL WAS REPACKED FOR RETURN TO SHIPPER.

A36 **HMIRS** **2002022648**
55-90 47TH ST **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 35 of 159 in cluster A

Relative: HMIRS:
Lower

Actual: Report #:	2002020886
7 ft. Site location:	55-90 47TH ST MASPETH, NY
Place of origin:	410 DIVISION ST

(Continued) **2002022648**

	ELIZABETH, NJ 07021
Destination:	COHEN'S FASHION OPTICAL 90-15 QUEENS CENTER MALL REGO PARK, NY 11373
Carrier ID:	92098
Carrier reporting #:	34-144-1019
Carrier:	FEDEX GROUND PACKAGE SYSTEM IN
Carrier address:	P O BOX 108 PITTSBURGH, PA 152300108
Shipper ID:	10328
Shipper name:	AMERICAN CHEMICAL CO
Shipper address:	410 DIVISION ST ELIZABETH, NJ 07021
Shipping paper number:	017327700016156
Consignee ID:	80350
Consignee name:	COHEN'S FASHION OPTICAL
Consignee addess:	90-15 QUEENS CENTER MALL REGO PARK, NY 11373
General cause:	10
Transportation mode:	4
Date:	01/16/2002
Commodity name:	ALCOHOLS N.O.S.
Trade name:	Not reported
Amount:	0.25 GAL
Result:	Spillage
Hazard Class:	30
ID Number:	UN1987
Hazardous:	False
R.Q. met:	False
Misc. info:	100 100
Vehicle Type:	Van truck/trailer
Trans. phase:	263
Land use:	271
Community:	281
Accident/Derailment:	False
Estimated speed:	F
Highway type:	999
number of lanes:	0
Number evacuated:	0
Major injuries:	0
Minor injuries:	0
Fatalities:	0
Product loss:	100
Carrier damage:	0
Pvt/Pub damage:	0
Cleanup cost:	425
Other damage:	0
Reported damage:	525
Incident damage:	0

Inner and Outer Container Information:

Container type:	JUG PLS
Container capacity:	1.00 GAL
Number failed:	1
Number in shipment:	4
Container gauge:	Not reported
Manufacture's ID:	16222

(Continued) **2002022648**

Manuf. name:	NOT REPORTED BY CARRIER UNKNOWN, XX
Tank serial #:	Not reported
Label:	RED
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway
Contributing failure:	Burst/int. pressure
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	0
Number failed code:	0
Shipment code number:	0
Container type:	BOX FBR
Container capacity:	4.00 GAL
Number failed:	1
Number in shipment:	1
Container gauge:	Not reported
Manufacture's ID:	88382
Manuf. name:	AMERICAN CHEMICAL & COATINGS ELIZABETH, NJ
Tank serial #:	Not reported
Label:	RED
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway
Contributing failure:	Ripped
Affected side:	Bottom
Other contributing cause:	Package material
Capacity container code:	0
Number failed code:	0
Shipment code number:	0

Remarks:

THE PACKAGE WAS DROPPED IN HANDLING. EXAMINATION OF THE INNER CONTAINER
REVEALED A RUPTURED SEAM WHICH ALLOWED THE CONTENTS TO ESCAPE. THE LEAKAGE
WAS CONTAINED. THE UNDAMAGED PORTION OF THE PACKAGE WAS REPACKED FOR RETURN TO SHIPPER.

A37 **55-90 47TH STREET** **HMIRS** **2010105519**
55-90 47TH STREET **N/A**
< 1/8 **MASPETH, NY 11378**
1 ft.

Site 36 of 159 in cluster A

Relative: HMIRS:
Lower

Actual: Report Number:	X-2010090200
7 ft. Report Source:	XML
Multiple Rows per Incident:	No
Report Type:	A hazardous material incident
Date of Incident:	8/25/2010

55-90 47TH STREET (Continued) **2010105519**

Time of Incident:	600
NRC Number:	Not reported
Fed DOT Agency Name:	Not reported
Fed DOT Report #:	Not reported
Incident City:	MASPETH
Incident County:	Queen
Incident State:	NY
Incident Zip:	11378
Incident Non-US State:	Not reported
Incident Country:	US
Incident Route:	55-90 47th street
Mode of Transportation:	Highway
Transportation Phase:	Unloading
Carrier/Reporter Name:	FEDEX GROUND PACKAGE SYSTEM INC
Carrier/Reporter Street:	1000 FEDEX DRIVE
Carrier/Reporter City:	MOON TOWNSHIP
Carrier/Reporter State:	PA
Carrier/Reporter Zip:	15108
Carrier/Reporter Non-US State:	Not reported
Carrier/Reporter FED DOT ID:	265752
Carrier/Reporter HAZMAT ID:	051910551007S
Carrier/Reporter Country:	US
Shipper Name:	SURFACE GEL TEK
Shipper Street:	663 W 2ND AVENUE
Shipper City:	MESA
Shipper State:	AZ
Shipper Zip:	85210
Shipper Non-US State:	Not reported
Shipper Country:	US
Waybill/Shipping Paper:	177720861006522
Shipper HAZMAT Registration ID:	Not reported
Origin City:	Not reported
Origin State:	Not reported
Origin Zip:	Not reported
Origin Non-US State:	Not reported
Origin Country:	US
Destination City:	BROOKLYN
Destination State:	NY
Destination Postal Code:	11215
Destination Non-US State:	Not reported
Destination Country:	US
Commodity Short Name:	CORROS LIQ ACIDIC INORGAN
Commodity Long Name:	CORROSIVE LIQUID ACIDIC INORGANIC N.O.S.
Technical/Trade Name:	sodium hydroxide
Identification Number:	UN3264
Hazardous Class Code:	8
Hazardous Class:	CORROSIVE MATERIAL
Packing Group:	II
Quantity Released:	0.15625
Unit of Measure:	LGA
Unit of Measure Description:	Liquid - Gallon
HAZMAT Waste Indicator:	No
HAZMAT Waste EPA ID:	Not reported
HMIS Toxic by Inhalation:	No
TIH Hazard Zone:	Not reported
Material Shipment Approval:	No
Mat. Shipment Approval #:	Not reported

55-90 47TH STREET (Continued) **2010105519**

Undeclared HAZMAT Shipment:	No
Packaging Type:	Non-Bulk
What Failed Code:	110
What Failed Description:	Cover
How Failed Code:	303
How Failed Description:	Burst or Ruptured
Failure Cause Code:	526
Failure Cause Description:	Loose Closure Component or Device
Identification Markings:	Not reported
Cont1 Packaging Type:	Box
Cont1 Material of Construction:	Fiberboard
Cont1 Head Type:	Not reported
Cont1 Package Capacity:	Not reported
Cont1 Package Capacity UOM:	Not reported
Cont1 Package Amount:	Not reported
Cont1 Package Amount UOM:	Not reported
Cont1 Pkg Number:	Not reported
Cont1 Pkg Shipment # Failed:	Not reported
Cont1 Package Manufacturer:	Not reported
Cont1 Pkg Manufacturer Date:	Not reported
Cont1 Package Serial Number:	Not reported
Cont1 Package Last Test Date:	Not reported
Cont1 Test Material Of Const:	Not reported
Cont1 Pkg Dsign Pressure Rpted:	Not reported
Cont1 Dsign Pressure UOM Rpted:	Not reported
Cont1 Pkg Shell Thickness Rptd:	Not reported
Cont1 Shell Thickness UOM Rptd:	Not reported
Cont1 Head Thickness Reported:	Not reported
Cont1 Head Thickness UOM Rpted:	Not reported
Cont1 Pkg Srvc Pressure Rpted:	Not reported
Cont1 Srvc Pressure UOM Rpted:	Not reported
Cont1 Valve or Device Fail Ind:	No
Cont1 Valve or Device Type:	Not reported
Cont1 Val Device Manufacturer:	Not reported
Cont1 Valve or Device Model:	Not reported
Cont2 Package Type:	Bottle
Cont2 Material of Construction:	Plastic
Cont2 Package Capacity:	Not reported
Cont2 Capacity UOM Reported:	Not reported
Cont2 Package Amount:	Not reported
Cont2 Package Amount UOM:	Not reported
Cont2 Pkg Number in Shipment:	Not reported
Cont2 Pkg Shipment # Failed:	Not reported
RAM Package Category:	Not reported
RAM Package Certification:	Not reported
RAM Package Certification #:	Not reported
RAM Nuclide(s) Present:	Not reported
RAM Transport Index:	Not reported
RAM UOM:	Not reported
RAM Activity Rpted:	Not reported
RAM UOM Rpted:	Not reported
RAM Activity:	Not reported
RAM Activity UOM:	Not reported
RAM Material Safety Index:	Not reported
Spillage (Ind:	Yes
Fire Ind:	No
Explosion Ind:	No

55-90 47TH STREET (Continued) **2010105519**

Water Sewer Ind:	No
Gas Dispersion Ind:	No
Environmental Damage:	No
No Release Ind:	No
Fire/EMS Report Ind:	No
Fire EMS/EMS Report #:	Not reported
Police Report Ind:	No
Police Report #:	Not reported
In-House Cleanup Ind:	Yes
Other Cleanup Ind:	No
Damage More Than 500:	No
Material Loss:	0
Carrier Damage:	0
Property Damage:	0
Response Cost:	0
Remediation Cleanup Cost:	0
Damage Other (Old Form):	0
Total Amount of Damages:	0
HAZMAT Fatality Indicator:	No
HAZMAT Fatalities Employees:	0
HAZMAT Fatalities Responders:	0
HAZMAT Fatality Gen. Public:	0
Hazmat Fatalities (Old Form):	0
Total Hazmat Fatalities:	0
Non_HAZMAT Fatality Indicator:	No
Non-HAZMAT Fatalities:	0
HAZMAT Injury Indicator:	No
HAZMAT Hospitalized Employees:	0
HAZMAT Hospitalized Responders:	0
HAZMAT Hospitalized Gen Public:	0
HAZMAT Hospitalized (Old Form):	0
Total Hazmat Hosp Injuries:	0
HAZMAT NonHosp Employees:	0
HAZMAT NonHosp Responders:	0
HAZMAT NonHosp Gen. Public:	0
HAZMAT NonHosp (Old Form):	0
Total Hazmat NonHosp Injuries:	0
Total Hazmat Injuries:	0
Evacuation Indicator:	No
Public Evacuated:	0
Employees Evacuated:	0
Total Evacuated:	0
Total Evacuation Hours:	0
Major Artery Closed:	No
Major Artery Hours Closed:	0
Material Involved in Accident:	No
Estimated Speed:	0
Weather Conditions:	Not reported
Vehicle Overturn:	No
Vehicle Left Roadway/Track:	No
Passenger Aircraft Indicator:	No
Cargo Passenger Baggage Ind:	Not reported
Incident Occurrence:	Not reported
Shipphase Non-Transported Ind:	No
Shipphase Air First Flight Ind:	No
Shipphase Air SubFlight Ind:	No
Shipphase Init Transport Ind:	No

55-90 47TH STREET (Continued) **2010105519**

Shipphase Transfer Indicator:	No
Contact Name:	George Fetsko
Contact Title:	Safety Process Specialist I - Hazmat
Contact Business Name:	FEDEX GROUND PACKAGE SYSTEM INC
Contact Street:	1000 FEDEX DRIVE
Contact City:	MOON TOWNSHIP
Contact State:	PA
Contact Postal Code:	15108
Contact Non-US State:	Not reported
Contact Country:	US
Preparer of Incident Report:	Carrier
Description of Events:	The package was unloaded with leakage noted on the box. Examination of the inner container revealed that the container(s) had loose cap(s) and leaked. The leakage was contained. The cap(s) were secured. The carton was wet but otherwise undamaged. The undamaged portion of the package was repacked for return to shipper.
Recommendations/Actions Taken:	Not reported
Recommendations/Actions:	Not reported
HMIS Serious Incident Ind:	No
HMIS Serious Fatality:	No
HMIS Serious Injury:	No
HMIS Serious Flight Plan:	No
HMIS Serious Evacuations:	No
HMIS Serious Major Artery:	No
HMIS Serious Bulk Release:	No
HMIS Serious Marine Pollutant:	No
HMIS Serious Radioactive:	No
HMIS General Package Type:	BOX FIBER
HMIS Container Code:	BOX FBR
HMIS Container Description:	Fiberboard box or carton
HMIS Bulk Incident Indicator:	No
Undeclared Shipment:	No

A38 **55-90 47TH STREET** **HMIRS** **2010011919**
55-90 47TH STREET **N/A**
< 1/8 **MASPETH, NY 11378**
1 ft.

Site 37 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:

Report Number:	X-2010030091
Report Source:	XML
Multiple Rows per Incident:	No
Report Type:	A hazardous material incident
Date of Incident:	3/5/2010
Time of Incident:	600
NRC Number:	Not reported
Fed DOT Agency Name:	Not reported
Fed DOT Report #:	Not reported
Incident City:	MASPETH
Incident County:	Queen
Incident State:	NY
Incident Zip:	11378
Incident Non-US State:	Not reported
Incident Country:	US
Incident Route:	55-90 47th street
Mode of Transportation:	Highway
Transportation Phase:	Unloading

55-90 47TH STREET (Continued) **2010011919**

Carrier/Reporter Name:	FEDEX GROUND PACKAGE SYSTEM INC
Carrier/Reporter Street:	1000 FEDEX DRIVE
Carrier/Reporter City:	MOON TOWNSHIP
Carrier/Reporter State:	PA
Carrier/Reporter Zip:	15108
Carrier/Reporter Non-US State:	Not reported
Carrier/Reporter FED DOT ID:	265752
Carrier/Reporter HAZMAT ID:	051909552054R
Carrier/Reporter Country:	US
Shipper Name:	FIVE STAR- CT
Shipper Street:	81 ALUMNI ROAD
Shipper City:	NEWINGTON
Shipper State:	CT
Shipper Zip:	6111
Shipper Non-US State:	Not reported
Shipper Country:	US
Waybill/Shipping Paper:	174848310018209
Shipper HAZMAT Registration ID:	Not reported
Origin City:	Not reported
Origin State:	Not reported
Origin Zip:	Not reported
Origin Non-US State:	Not reported
Origin Country:	Not reported
Destination City:	BROOKLYN
Destination State:	NY
Destination Postal Code:	11222
Destination Non-US State:	Not reported
Destination Country:	US
Commodity Short Name:	PAINT
Commodity Long Name:	PAINT
Technical/Trade Name:	Not reported
Identification Number:	UN1263
Hazardous Class Code:	3
Hazardous Class:	FLAMMABLE - COMBUSTIBLE LIQUID
Packing Group:	II
Quantity Released:	0.52836
Unit of Measure:	LGA
Unit of Measure Description:	Liquid - Gallon
HAZMAT Waste Indicator:	No
HAZMAT Waste EPA ID:	Not reported
HMIS Toxic by Inhalation:	No
TIH Hazard Zone:	Not reported
Material Shipment Approval:	No
Mat. Shipment Approval #:	Not reported
Undeclared HAZMAT Shipment:	No
Packaging Type:	Non-Bulk
What Failed Code:	110
What Failed Description:	Cover
How Failed Code:	302
How Failed Description:	Bent
Failure Cause Code:	511
Failure Cause Description:	Dropped
Identification Markings:	Not reported
Cont1 Packaging Type:	Box
Cont1 Material of Construction:	Fiberboard
Cont1 Head Type:	Not reported
Cont1 Package Capacity:	Not reported

55-90 47TH STREET (Continued) **2010011919**

Cont1 Package Capacity UOM:	Not reported
Cont1 Package Amount:	Not reported
Cont1 Package Amount UOM:	Not reported
Cont1 Pkg Number:	Not reported
Cont1 Pkg Shipment # Failed:	Not reported
Cont1 Package Manufacturer:	Not reported
Cont1 Pkg Manufacturer Date:	Not reported
Cont1 Package Serial Number:	Not reported
Cont1 Package Last Test Date:	Not reported
Cont1 Test Material Of Const:	Not reported
Cont1 Pkg Dsign Pressure Rpted:	Not reported
Cont1 Dsign Pressure UOM Rpted:	Not reported
Cont1 Pkg Shell Thickness Rptd:	Not reported
Cont1 Shell Thickness UOM Rptd:	Not reported
Cont1 Head Thickness Reported:	Not reported
Cont1 Head Thickness UOM Rpted:	Not reported
Cont1 Pkg Srvc Pressure Rpted:	Not reported
Cont1 Srvc Pressure UOM Rpted:	Not reported
Cont1 Valve or Device Fail Ind:	No
Cont1 Valve or Device Type:	Not reported
Cont1 Val Device Manufacturer:	Not reported
Cont1 Valve or Device Model:	Not reported
Cont2 Package Type:	Can
Cont2 Material of Construction:	Metal (any type)
Cont2 Package Capacity:	Not reported
Cont2 Capacity UOM Reported:	Not reported
Cont2 Package Amount:	Not reported
Cont2 Package Amount UOM:	Not reported
Cont2 Pkg Number in Shipment:	Not reported
Cont2 Pkg Shipment # Failed:	Not reported
RAM Package Category:	Not reported
RAM Package Certification:	Not reported
RAM Package Certification #:	Not reported
RAM Nuclide(s) Present:	Not reported
RAM Transport Index:	Not reported
RAM UOM:	Not reported
RAM Activity Rpted:	Not reported
RAM UOM Rpted:	Not reported
RAM Activity:	Not reported
RAM Activity UOM:	Not reported
RAM Material Safety Index:	Not reported
Spillage (Ind:	Yes
Fire Ind:	No
Explosion Ind:	No
Water Sewer Ind:	No
Gas Dispersion Ind:	No
Environmental Damage:	No
No Release Ind:	No
Fire/EMS Report Ind:	No
Fire EMS/EMS Report #:	Not reported
Police Report Ind:	No
Police Report #:	Not reported
In-House Cleanup Ind:	Yes
Other Cleanup Ind:	No
Damage More Than 500:	No
Material Loss:	0
Carrier Damage:	0

55-90 47TH STREET (Continued) **2010011919**

Property Damage:	0
Response Cost:	0
Remediation Cleanup Cost:	0
Damage Other (Old Form):	0
Total Amount of Damages:	0
HAZMAT Fatality Indicator:	No
HAZMAT Fatalities Employees:	0
HAZMAT Fatalities Responders:	0
HAZMAT Fatality Gen. Public:	0
Hazmat Fatalities (Old Form):	0
Total Hazmat Fatalities:	0
Non_HAZMAT Fatality Indicator:	No
Non-HAZMAT Fatalities:	0
HAZMAT Injury Indicator:	No
HAZMAT Hospitalized Employees:	0
HAZMAT Hospitalized Responders:	0
HAZMAT Hospitalized Gen Public:	0
HAZMAT Hospitalized (Old Form):	0
Total Hazmat Hosp Injuries:	0
HAZMAT NonHosp Employees:	0
HAZMAT NonHosp Responders:	0
HAZMAT NonHosp Gen. Public:	0
HAZMAT NonHosp (Old Form):	0
Total Hazmat NonHosp Injuries:	0
Total Hazmat Injuries:	0
Evacuation Indicator:	No
Public Evacuated:	0
Employees Evacuated:	0
Total Evacuated:	0
Total Evacuation Hours:	0
Major Artery Closed:	No
Major Artery Hours Closed:	0
Material Involved in Accident:	No
Estimated Speed:	0
Weather Conditions:	Not reported
Vehicle Overturn:	No
Vehicle Left Roadway/Track:	No
Passenger Aircraft Indicator:	No
Cargo Passenger Baggage Ind:	Not reported
Incident Occurrence:	Not reported
Shipphase Non-Transported Ind:	No
Shipphase Air First Flight Ind:	No
Shipphase Air SubFlight Ind:	No
Shipphase Init Transport Ind:	No
Shipphase Transfer Indicator:	No
Contact Name:	Travis McEwen
Contact Title:	Safety Specialist III - Hazmat
Contact Business Name:	FEDEX GROUND PACKAGE SYSTEM INC
Contact Street:	1000 FEDEX DRIVE
Contact City:	MOON TOWNSHIP
Contact State:	PA
Contact Postal Code:	15108
Contact Non-US State:	Not reported
Contact Country:	US
Preparer of Incident Report:	Carrier
Description of Events:	The package was unloaded with leakage noted on the box. Examination of the inner container revealed that the container(s) had loose

55-90 47TH STREET (Continued) **2010011919**

cap(s) and leaked. The leakage was contained. The cap(s) were secured. The carton was wet but otherwise undamaged. The undamaged portion of the package was repacked for return to shipper.

Recommendations/Actions Taken:	Not reported
Recommendations/Actions:	Not reported
HMIS Serious Incident Ind:	No
HMIS Serious Fatality:	No
HMIS Serious Injury:	No
HMIS Serious Flight Plan:	No
HMIS Serious Evacuations:	No
HMIS Serious Major Artery:	No
HMIS Serious Bulk Release:	No
HMIS Serious Marine Pollutant:	No
HMIS Serious Radioactive:	No
HMIS General Package Type:	BOX FIBER
HMIS Container Code:	BOX FBR
HMIS Container Description:	Fiberboard box or carton
HMIS Bulk Incident Indicator:	No
Undeclared Shipment:	No

A39 **55-90 47 TH ST** **HMIRS** **2008437185**
55-90 47 TH ST **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 38 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:

Report #:	2007090229
System ID:	437185
Report type:	A
Incident site:	55-90 47 th st MASPETH, NY 11378
Incident county:	queens
Incident country:	US
Incident date:	09/13/07
Incident time:	1135
NRC report #:	0
Other fed agency reported to:	Not reported
Other agency report #:	Not reported
Incident foreign country:	Not reported
Transportation mode:	4
Transportation phase:	263
Carrier DOT ID:	265752
Carrier Hazmat ID:	062904001002M
Carrier name:	Fedex Ground Package System, Inc.
Carrier address:	1000 Fedex Drive MOON TOWNSHIP, PA 15108
Carrier country:	US
Incident consequence:	Spillage
EMS/Fire crew responded:	Not reported
EMS/Fire crew report #:	Not reported
Police responded:	Not reported
Police report #:	Not reported
In-house cleanup occurred:	True
Other cleanup occurred:	Not reported
Estimated damages exceed $500:	False
Value of material lost:	0
Value of carrier loss:	0

55-90 47 TH ST (Continued) **2008437185**

Value of pub/priv property loss: 0
Response cost: 0
Remediation cost: 0

Details of fatalities by vapor/fire/explosion of hazardous material:
Did Fatalities occur: False
No. of employee fatalities: 0
No. of responder fatalities: 0
No. of public fatalities: 0

Details of fatalities not due to hazardous material:
Did fatalities occur: Not reported
No. of dead persons: 0

Details of injuries due to hazardous material:
Did injuries occur: False
No. of employees hospitalized: 0
No. of employees not hospitalized: 0
No. of responders hospitalized: 0
No. of responders not hospitalized: 0
No. of public hospitalized: 0
No. of public not hospitalized: 0
Evacuation was required: False
No. of employees evacuated: 0
No. of public evacuated: 0
Total number evacuated: 0
Evacuation time in hours: 0
Road/facility was closed: False
No. of hours closed: 0
Hazmat invloved in crash/derailment: False
Estimated speed of crash: 0
Crash weather conditions: Not reported
Vehicle overturned: Not reported
Did vehicle leave road/track: Not reported
Where incident occurred/discovered: Not reported
Shipment handling details: Not reported

Incident report preparer details:
Preparer name: Travis McEwen
Preparer title: Safety Specialist III - Hazmat
Hazmat registration ID: 062904001002M
Employer business name: Fedex Ground Package System, Inc.
Address: 1000 Fedex Drive
MOON TOWNSHIP, PA 15108
Country: US
Report date: 09/20/07
Telephone: 412-859-5061
Fax: 412-859-5045
Business type: C
Preparer other function: Not reported

Description of Events:

The pail was dropped during handling causing leakage. The leakage was contained and the package was repacked. Undamaged product was returned to the shipper. The damaged product was properly disposed of in accordance with Federal Regulations.

55-90 47 TH ST (Continued) **2008437185**

Shipper Details:

Shipper ID:	437520
Shipper name:	atlantic plywood
Address:	75 amor ave
	CARLSTADT, NJ 07072
Shipper country:	US
Hazmat papers #:	568686130097319
Shipment origin:	Not reported
	Not reported
Shipment origin country:	US

Details of material being shipped:

Material ID:	443659
Material name:	PAINT RELATED MATERIAL including paint thinning, drying, removing or reducing compound
UN ID:	UN1263
Hazard class code:	30
Trade name:	Not reported
Packing group:	Not reported
Amount reported released:	34 Ounce(s)
Amount released:	0.265600 Ounce(s)
Material listed as hazardous waste:	False
EPA manifest number of haz. waste:	Not reported
Material listed as toxic inhalant:	False
Hazard zone of toxic inhalant:	Not reported
Material shipped under exemption/ approval/ Competent Authority Cert.	
	False
Exemption/approval/CAC number:	Not reported
Undeclared Hazmat shipment:	False
Package ID:	444057
Hazmat shipment destination:	Not reported
	Not reported
Package type:	A
Package other description:	Not reported
Packaging markings:	Not reported
Package code:	77
Radioactive packaging indicator:	Not reported
Radioactive cert. indicator:	Not reported
Radioactive cert. No:	Not reported
Rad. nuclide(s) present:	Not reported
Transport index:	Not reported
Radioactivity indicator:	Not reported
Standardized activity:	Not reported
Critical safety index:	Not reported
Package layer ID:	606506
Package ID:	444057
Package layer code:	O
Package type for non-bulk/IBC/non-specification package	
	Box
Material type of non-bulk/IBC/non-specification package	
	Fiberboard
Head type for non-bulk/IBC/non-specification package	
	Not reported
Reported package capacity:	0
Standardized package cap:	0
Reported amount of material in pkge:	0
Number of packages shipped:	0

55-90 47 TH ST (Continued) **2008437185**

No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 606506
Package ID: 444057
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 606506
Package ID: 444057
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /

55-90 47 TH ST (Continued) **2008437185**

Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 606507
Package ID: 444057
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Can
Material type of non-bulk/IBC/non-specification package
Metal (any type)
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 606507
Package ID: 444057
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Can
Material type of non-bulk/IBC/non-specification package
Metal (any type)
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported

55-90 47 TH ST (Continued) **2008437185**

Package design pressure:	0
Package shell thickness:	0
Package head thickness:	0
Package service pressure:	0
Valve device failed:	Not reported
Valve type:	Not reported
Valve manufacturer:	Not reported
Valve model:	Not reported
Package layer ID:	606507
Package ID:	444057
Package layer code:	I
Package type for non-bulk/IBC/non-specification package	Can
Material type of non-bulk/IBC/non-specification package	Metal (any type)
Head type for non-bulk/IBC/non-specification package	Not reported
Reported package capacity:	0.000000
Standardized package cap:	0.000000
Reported amount of material in pkge:	0.000000
Number of packages shipped:	0
No. of packages releasing mat.:	0
Packaging manufacturer:	Not reported
Packaging manufacturing date:	/ /
Package serial number:	Not reported
Pkge date of last testing/inspection:	/ /
Package construction material:	Not reported
Package design pressure:	0
Package shell thickness:	0.000
Package head thickness:	0.000
Package service pressure:	0
Valve device failed:	Not reported
Valve type:	Not reported
Valve manufacturer:	Not reported
Valve model:	Not reported
Package fail ID:	510839
Fail Sequence:	1
What failed code:	109
How failed code:	308
Failure cause code:	511
Package ID:	444057
Hazmat shipment destination:	Not reported
	Not reported
Package type:	A
Package other description:	Not reported
Packaging markings:	Not reported
Package code:	77
Radioactive packaging indicator:	Not reported
Radioactive cert. indicator:	Not reported
Radioactive cert. No:	Not reported
Rad. nuclide(s) present:	Not reported
Transport index:	Not reported
Radioactivity indicator:	Not reported
Standardized activity:	Not reported
Critical safety index:	Not reported
Package layer ID:	606506
Package ID:	444057

55-90 47 TH ST (Continued) **2008437185**

Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 606506
Package ID: 444057
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 606506
Package ID: 444057
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box

55-90 47 TH ST (Continued) **2008437185**

Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 606507
Package ID: 444057
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Can
Material type of non-bulk/IBC/non-specification package
Metal (any type)
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 606507
Package ID: 444057
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Can
Material type of non-bulk/IBC/non-specification package
Metal (any type)
Head type for non-bulk/IBC/non-specification package

55-90 47 TH ST (Continued) **2008437185**

Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 606507
Package ID: 444057
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Can
Material type of non-bulk/IBC/non-specification package
Metal (any type)
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package fail ID: 510839
Fail Sequence: 1
What failed code: 109
How failed code: 308
Failure cause code: 511
Package ID: 444057
Hazmat shipment destination: Not reported
Not reported
Package type: A
Package other description: Not reported
Packaging markings: Not reported

55-90 47 TH ST (Continued) **2008437185**

Package code: 77
Radioactive packaging indicator: Not reported
Radioactive cert. indicator: Not reported
Radioactive cert. No: Not reported
Rad. nuclide(s) present: Not reported
Transport index: Not reported
Radioactivity indicator: Not reported
Standardized activity: Not reported
Critical safety index: Not reported
Package layer ID: 606506
Package ID: 444057
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 606506
Package ID: 444057
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0

55-90 47 TH ST (Continued) **2008437185**

Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 606506
Package ID: 444057
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 606507
Package ID: 444057
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Can
Material type of non-bulk/IBC/non-specification package
Metal (any type)
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported

55-90 47 TH ST (Continued) **2008437185**

Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 606507
Package ID: 444057
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Can
Material type of non-bulk/IBC/non-specification package
Metal (any type)
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 606507
Package ID: 444057
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Can
Material type of non-bulk/IBC/non-specification package
Metal (any type)
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported

55-90 47 TH ST (Continued) **2008437185**

Package fail ID: 510839
Fail Sequence: 1
What failed code: 109
How failed code: 308
Failure cause code: 511
Material ID: 443659
Material name: PAINT RELATED MATERIAL including paint thinning, drying, removing or reducing compound
UN ID: UN1263
Hazard class code: 30
Trade name: Not reported
Packing group: Not reported
Amount reported released: 34.000000 Ounce(s)
Amount released: 0.265600 Ounce(s)
Material listed as hazardous waste: False
EPA manifest number of haz. waste: Not reported
Material listed as toxic inhalant: False
Hazard zone of toxic inhalant: Not reported
Material shipped under exemption/ approval/ Competent Authority Cert.
False
Exemption/approval/CAC number: Not reported
Undeclared Hazmat shipment: False
Package ID: 444057
Hazmat shipment destination: Not reported
Not reported
Package type: A
Package other description: Not reported
Packaging markings: Not reported
Package code: 77
Radioactive packaging indicator: Not reported
Radioactive cert. indicator: Not reported
Radioactive cert. No: Not reported
Rad. nuclide(s) present: Not reported
Transport index: Not reported
Radioactivity indicator: Not reported
Standardized activity: Not reported
Critical safety index: Not reported
Package layer ID: 606506
Package ID: 444057
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0

55-90 47 TH ST (Continued) **2008437185**

Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 606506
Package ID: 444057
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 606506
Package ID: 444057
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported

55-90 47 TH ST (Continued) **2008437185**

Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 606507
Package ID: 444057
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Can
Material type of non-bulk/IBC/non-specification package
Metal (any type)
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 606507
Package ID: 444057
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Can
Material type of non-bulk/IBC/non-specification package
Metal (any type)
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported

55-90 47 TH ST (Continued) **2008437185**

Package layer ID: 606507
Package ID: 444057
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Can
Material type of non-bulk/IBC/non-specification package
Metal (any type)
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package fail ID: 510839
Fail Sequence: 1
What failed code: 109
How failed code: 308
Failure cause code: 511
Package ID: 444057
Hazmat shipment destination: Not reported
Not reported
Package type: A
Package other description: Not reported
Packaging markings: Not reported
Package code: 77
Radioactive packaging indicator: Not reported
Radioactive cert. indicator: Not reported
Radioactive cert. No: Not reported
Rad. nuclide(s) present: Not reported
Transport index: Not reported
Radioactivity indicator: Not reported
Standardized activity: Not reported
Critical safety index: Not reported
Package layer ID: 606506
Package ID: 444057
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0

55-90 47 TH ST (Continued) **2008437185**

Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 606506
Package ID: 444057
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 606506
Package ID: 444057
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0

55-90 47 TH ST (Continued) **2008437185**

No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 606507
Package ID: 444057
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Can
Material type of non-bulk/IBC/non-specification package
Metal (any type)
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 606507
Package ID: 444057
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Can
Material type of non-bulk/IBC/non-specification package
Metal (any type)
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /

55-90 47 TH ST (Continued) **2008437185**

Package serial number:	Not reported
Pkge date of last testing/inspection:	/ /
Package construction material:	Not reported
Package design pressure:	0
Package shell thickness:	0
Package head thickness:	0
Package service pressure:	0
Valve device failed:	Not reported
Valve type:	Not reported
Valve manufacturer:	Not reported
Valve model:	Not reported
Package layer ID:	606507
Package ID:	444057
Package layer code:	I
Package type for non-bulk/IBC/non-specification package	Can
Material type of non-bulk/IBC/non-specification package	Metal (any type)
Head type for non-bulk/IBC/non-specification package	Not reported
Reported package capacity:	0.000000
Standardized package cap:	0.000000
Reported amount of material in pkge:	0.000000
Number of packages shipped:	0
No. of packages releasing mat.:	0
Packaging manufacturer:	Not reported
Packaging manufacturing date:	/ /
Package serial number:	Not reported
Pkge date of last testing/inspection:	/ /
Package construction material:	Not reported
Package design pressure:	0
Package shell thickness:	0.000
Package head thickness:	0.000
Package service pressure:	0
Valve device failed:	Not reported
Valve type:	Not reported
Valve manufacturer:	Not reported
Valve model:	Not reported
Package fail ID:	510839
Fail Sequence:	1
What failed code:	109
How failed code:	308
Failure cause code:	511
Package ID:	444057
Hazmat shipment destination:	Not reported
	Not reported
Package type:	A
Package other description:	Not reported
Packaging markings:	Not reported
Package code:	77
Radioactive packaging indicator:	Not reported
Radioactive cert. indicator:	Not reported
Radioactive cert. No:	Not reported
Rad. nuclide(s) present:	Not reported
Transport index:	Not reported
Radioactivity indicator:	Not reported
Standardized activity:	Not reported

55-90 47 TH ST (Continued) **2008437185**

Critical safety index: Not reported
Package layer ID: 606506
Package ID: 444057
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 606506
Package ID: 444057
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 606506
Package ID: 444057

55-90 47 TH ST (Continued) **2008437185**

Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 606507
Package ID: 444057
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Can
Material type of non-bulk/IBC/non-specification package
Metal (any type)
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 606507
Package ID: 444057
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Can

55-90 47 TH ST (Continued) **2008437185**

Material type of non-bulk/IBC/non-specification package
Metal (any type)
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 606507
Package ID: 444057
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Can
Material type of non-bulk/IBC/non-specification package
Metal (any type)
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package fail ID: 510839
Fail Sequence: 1
What failed code: 109
How failed code: 308
Failure cause code: 511

A40 **55-90 47TH STREET** **HMIRS** **2005710936**
55-90 47TH STREET **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 39 of 159 in cluster A

Relative: HMIRS:
Lower

Actual:
7 ft.

Report #:	2005051027
System ID:	5318
Report type:	A
Incident site:	55-90 47TH STREET MASPETH, NY 11378
Incident county:	QUEENS
Incident country:	US
Incident date:	03/31/2005
Incident time:	0349
NRC report #:	0
Other fed agency reported to:	Not reported
Other agency report #:	Not reported
Incident foreign country:	Not reported
Transportation mode:	4
Transportation phase:	263
Carrier DOT ID:	265752
Carrier Hazmat ID:	062904001002M
Carrier name:	FEDEX GROUND PACKAGE SYSTEM IN
Carrier address:	1000 FEDEX DRIVE MOON TOWNSHIP, PA 15108
Carrier country:	US
Incident consequence:	Spillage
EMS/Fire crew responded:	False
EMS/Fire crew report #:	Not reported
Police responded:	False
Police report #:	Not reported
In-house cleanup occurred:	True
Other cleanup occurred:	False
Estimated damages exceed $500:	False
Value of material lost:	0
Value of carrier loss:	0
Value of pub/priv property loss:	0
Response cost:	0
Remediation cost:	0

Details of fatalities by vapor/fire/explosion of hazardous material:

Did Fatalities occur:	False
No. of employee fatalities:	0
No. of responder fatalities:	0
No. of public fatalities:	0

Details of fatalities not due to hazardous material:

Did fatalities occur:	False
No. of dead persons:	0

Details of injuries due to hazardous material:

Did injuries occur:	False
No. of employees hospitalized:	0
No. of employees not hospitalized:	0
No. of responders hospitalized:	0
No. of responders not hospitalized:	0
No. of public hospitalized:	0
No. of public not hospitalized:	0

55-90 47TH STREET (Continued) **2005710936**

Evacuation was required:	False
No. of employees evacuated:	0
No. of public evacuated:	0
Total number evacuated:	0
Evacuation time in hours:	0
Road/facility was closed:	False
No. of hours closed:	0
Hazmat invloved in crash/derailment:	False
Estimated speed of crash:	0
Crash weather conditions:	Not reported
Vehicle overturned:	Not reported
Did vehicle leave road/track:	Not reported
Where incident occurred/discovered:	Not reported
Shipment handling details:	Not reported

Incident report preparer details:

Preparer name:	DENISE HANCHULAK
Preparer title:	TSM MANAGER II - SAFETY
Hazmat registration ID:	Not reported
Employer business name:	FEDEX GROUND PACKAGE SYSTEM, INC.
Address:	1000 FEDEX DRIVE MOON TOWNSHIP, PA 15108
Country:	US
Report date:	05/23/2005
Telephone:	(412)859-5056
Fax:	(412)859-5045
Business type:	C
Preparer other function:	Not reported

A41 **55-90 47 TH ST** **HMIRS** **2008432728**
55-90 47 TH ST **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 40 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:

Report #:	2007070044
System ID:	432728
Report type:	A
Incident site:	55-90 47 th st MASPETH, NY 11378
Incident county:	queens
Incident country:	US
Incident date:	06/27/07
Incident time:	1236
NRC report #:	0
Other fed agency reported to:	Not reported
Other agency report #:	Not reported
Incident foreign country:	Not reported
Transportation mode:	4
Transportation phase:	263
Carrier DOT ID:	265752
Carrier Hazmat ID:	062904001002M
Carrier name:	Fedex Ground Package System, Inc.
Carrier address:	1000 Fedex Drive MOON TOWNSHIP, PA 15108
Carrier country:	US
Incident consequence:	Spillage

55-90 47 TH ST (Continued) **2008432728**

EMS/Fire crew responded:	Not reported
EMS/Fire crew report #:	Not reported
Police responded:	Not reported
Police report #:	Not reported
In-house cleanup occurred:	Not reported
Other cleanup occurred:	True
Estimated damages exceed $500:	False
Value of material lost:	0
Value of carrier loss:	0
Value of pub/priv property loss:	0
Response cost:	0
Remediation cost:	0

Details of fatalities by vapor/fire/explosion of hazardous material:

Did Fatalities occur:	False
No. of employee fatalities:	0
No. of responder fatalities:	0
No. of public fatalities:	0

Details of fatalities not due to hazardous material:

Did fatalities occur:	Not reported
No. of dead persons:	0

Details of injuries due to hazardous material:

Did injuries occur:	False
No. of employees hospitalized:	0
No. of employees not hospitalized:	0
No. of responders hospitalized:	0
No. of responders not hospitalized:	0
No. of public hospitalized:	0
No. of public not hospitalized:	0
Evacuation was required:	False
No. of employees evacuated:	0
No. of public evacuated:	0
Total number evacuated:	0
Evacuation time in hours:	0
Road/facility was closed:	False
No. of hours closed:	0
Hazmat invloved in crash/derailment:	False
Estimated speed of crash:	0
Crash weather conditions:	Not reported
Vehicle overturned:	Not reported
Did vehicle leave road/track:	Not reported
Where incident occurred/discovered:	Not reported
Shipment handling details:	Not reported

Incident report preparer details:

Preparer name:	Mike Evers
Preparer title:	Sr Manager - Hazardous Materials
Hazmat registration ID:	062904001002M
Employer business name:	Fedex Ground Package System, Inc.
Address:	1000 Fedex Drive MOON TOWNSHIP, PA 15108
Country:	US
Report date:	07/03/07
Telephone:	412-859-5051
Fax:	412-859-5045
Business type:	C

55-90 47 TH ST (Continued) **2008432728**

Preparer other function: Not reported

Description of Events:

The package was unloaded with leakage noted on the box. Examination of the inner container revealed that the container(s) had loose cap(s) and leaked. The leakage was contained. The cap(s) were secured. The carton was wet but otherwise undamaged. The undamaged portion of the package was repacked for return to shipper.

Shipper Details:

Shipper ID: 433177
Shipper name: divertech
Address: 2175 e park pl
CONYERS, GA 30013
Shipper country: US
Hazmat papers #: 250670731592407
Shipment origin: Not reported
Not reported
Shipment origin country: US

Details of material being shipped:

Material ID: 439268
Material name: CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.
UN ID: UN3266
Hazard class code: 80
Trade name: contains sodium hydr
Packing group: Not reported
Amount reported released: 1 Gallon(s)
Amount released: 1 Gallon(s)
Material listed as hazardous waste: False
EPA manifest number of haz. waste: Not reported
Material listed as toxic inhalant: False
Hazard zone of toxic inhalant: Not reported
Material shipped under exemption/ approval/ Competent Authority Cert.
False
Exemption/approval/CAC number: Not reported
Undeclared Hazmat shipment: False
Package ID: 439695
Hazmat shipment destination: 10-11 38TH AVENUE
LONG ISLAND CITY, NY 11101
Package type: A
Package other description: Not reported
Packaging markings: Not reported
Package code: 77
Radioactive packaging indicator: Not reported
Radioactive cert. indicator: Not reported
Radioactive cert. No: Not reported
Rad. nuclide(s) present: Not reported
Transport index: Not reported
Radioactivity indicator: Not reported
Standardized activity: Not reported
Critical safety index: Not reported
Package layer ID: 600390
Package ID: 439695
Package layer code: O
Package type for non-bulk/IBC/non-specification package

55-90 47 TH ST (Continued) **2008432728**

Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 600390
Package ID: 439695
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 600390
Package ID: 439695
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard

55-90 47 TH ST (Continued) **2008432728**

Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 600391
Package ID: 439695
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 600391
Package ID: 439695
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0

55-90 47 TH ST (Continued) **2008432728**

Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 600391
Package ID: 439695
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package fail ID: 506677
Fail Sequence: 1
What failed code: 109
How failed code: 308
Failure cause code: 526
Package ID: 439695
Hazmat shipment destination: 10-11 38TH AVENUE
LONG ISLAND CITY, NY 11101
Package type: A
Package other description: Not reported
Packaging markings: Not reported
Package code: 77
Radioactive packaging indicator: Not reported

55-90 47 TH ST (Continued) **2008432728**

Radioactive cert. indicator: Not reported
Radioactive cert. No: Not reported
Rad. nuclide(s) present: Not reported
Transport index: Not reported
Radioactivity indicator: Not reported
Standardized activity: Not reported
Critical safety index: Not reported
Package layer ID: 600390
Package ID: 439695
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 600390
Package ID: 439695
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0

55-90 47 TH ST (Continued) **2008432728**

Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 600390
Package ID: 439695
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 600391
Package ID: 439695
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported

55-90 47 TH ST (Continued) **2008432728**

Valve model: Not reported
Package layer ID: 600391
Package ID: 439695
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 600391
Package ID: 439695
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package fail ID: 506677
Fail Sequence: 1

55-90 47 TH ST (Continued) **2008432728**

What failed code:	109
How failed code:	308
Failure cause code:	526
Package ID:	439695
Hazmat shipment destination:	Not reported
	LONG ISLAND CITY, NY 11101
Package type:	A
Package other description:	Not reported
Packaging markings:	Not reported
Package code:	77
Radioactive packaging indicator:	Not reported
Radioactive cert. indicator:	Not reported
Radioactive cert. No:	Not reported
Rad. nuclide(s) present:	Not reported
Transport index:	Not reported
Radioactivity indicator:	Not reported
Standardized activity:	Not reported
Critical safety index:	Not reported
Package layer ID:	600390
Package ID:	439695
Package layer code:	O
Package type for non-bulk/IBC/non-specification package	
	Box
Material type of non-bulk/IBC/non-specification package	
	Fiberboard
Head type for non-bulk/IBC/non-specification package	
	Not reported
Reported package capacity:	0
Standardized package cap:	0
Reported amount of material in pkge:	0
Number of packages shipped:	0
No. of packages releasing mat.:	0
Packaging manufacturer:	Not reported
Packaging manufacturing date:	/ /
Package serial number:	Not reported
Pkge date of last testing/inspection:	/ /
Package construction material:	Not reported
Package design pressure:	0
Package shell thickness:	0
Package head thickness:	0
Package service pressure:	0
Valve device failed:	Not reported
Valve type:	Not reported
Valve manufacturer:	Not reported
Valve model:	Not reported
Package layer ID:	600390
Package ID:	439695
Package layer code:	O
Package type for non-bulk/IBC/non-specification package	
	Box
Material type of non-bulk/IBC/non-specification package	
	Fiberboard
Head type for non-bulk/IBC/non-specification package	
	Not reported
Reported package capacity:	0
Standardized package cap:	0
Reported amount of material in pkge:	0

55-90 47 TH ST (Continued) **2008432728**

Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 600390
Package ID: 439695
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 600391
Package ID: 439695
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported

55-90 47 TH ST (Continued) **2008432728**

Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 600391
Package ID: 439695
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 600391
Package ID: 439695
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /

55-90 47 TH ST (Continued) **2008432728**

Package construction material:	Not reported
Package design pressure:	0
Package shell thickness:	0.000
Package head thickness:	0.000
Package service pressure:	0
Valve device failed:	Not reported
Valve type:	Not reported
Valve manufacturer:	Not reported
Valve model:	Not reported
Package fail ID:	506677
Fail Sequence:	1
What failed code:	109
How failed code:	308
Failure cause code:	526
Material ID:	439268
Material name:	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.
UN ID:	UN3266
Hazard class code:	80
Trade name:	contains sodium hydr
Packing group:	Not reported
Amount reported released:	1.000000 Gallon(s)
Amount released:	1.000000 Gallon(s)
Material listed as hazardous waste:	False
EPA manifest number of haz. waste:	Not reported
Material listed as toxic inhalant:	False
Hazard zone of toxic inhalant:	Not reported
Material shipped under exemption/ approval/ Competent Authority Cert.	False
Exemption/approval/CAC number:	Not reported
Undeclared Hazmat shipment:	False
Package ID:	439695
Hazmat shipment destination:	10-11 38TH AVENUE LONG ISLAND CITY, NY 11101
Package type:	A
Package other description:	Not reported
Packaging markings:	Not reported
Package code:	77
Radioactive packaging indicator:	Not reported
Radioactive cert. indicator:	Not reported
Radioactive cert. No:	Not reported
Rad. nuclide(s) present:	Not reported
Transport index:	Not reported
Radioactivity indicator:	Not reported
Standardized activity:	Not reported
Critical safety index:	Not reported
Package layer ID:	600390
Package ID:	439695
Package layer code:	O
Package type for non-bulk/IBC/non-specification package	Box
Material type of non-bulk/IBC/non-specification package	Fiberboard
Head type for non-bulk/IBC/non-specification package	Not reported
Reported package capacity:	0
Standardized package cap:	0
Reported amount of material in pkge:	0

55-90 47 TH ST (Continued) **2008432728**

Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 600390
Package ID: 439695
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 600390
Package ID: 439695
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported

55-90 47 TH ST (Continued) **2008432728**

Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 600391
Package ID: 439695
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 600391
Package ID: 439695
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /

55-90 47 TH ST (Continued) **2008432728**

Package construction material:	Not reported
Package design pressure:	0
Package shell thickness:	0
Package head thickness:	0
Package service pressure:	0
Valve device failed:	Not reported
Valve type:	Not reported
Valve manufacturer:	Not reported
Valve model:	Not reported
Package layer ID:	600391
Package ID:	439695
Package layer code:	I
Package type for non-bulk/IBC/non-specification package	Bottle
Material type of non-bulk/IBC/non-specification package	Plastic
Head type for non-bulk/IBC/non-specification package	Not reported
Reported package capacity:	0.000000
Standardized package cap:	0.000000
Reported amount of material in pkge:	0.000000
Number of packages shipped:	0
No. of packages releasing mat.:	0
Packaging manufacturer:	Not reported
Packaging manufacturing date:	/ /
Package serial number:	Not reported
Pkge date of last testing/inspection:	/ /
Package construction material:	Not reported
Package design pressure:	0
Package shell thickness:	0.000
Package head thickness:	0.000
Package service pressure:	0
Valve device failed:	Not reported
Valve type:	Not reported
Valve manufacturer:	Not reported
Valve model:	Not reported
Package fail ID:	506677
Fail Sequence:	1
What failed code:	109
How failed code:	308
Failure cause code:	526
Package ID:	439695
Hazmat shipment destination:	10-11 38TH AVENUE LONG ISLAND CITY, NY 11101
Package type:	A
Package other description:	Not reported
Packaging markings:	Not reported
Package code:	77
Radioactive packaging indicator:	Not reported
Radioactive cert. indicator:	Not reported
Radioactive cert. No:	Not reported
Rad. nuclide(s) present:	Not reported
Transport index:	Not reported
Radioactivity indicator:	Not reported
Standardized activity:	Not reported
Critical safety index:	Not reported
Package layer ID:	600390

55-90 47 TH ST (Continued) **2008432728**

Package ID: 439695
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 600390
Package ID: 439695
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 600390
Package ID: 439695
Package layer code: O
Package type for non-bulk/IBC/non-specification package

55-90 47 TH ST (Continued) **2008432728**

Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 600391
Package ID: 439695
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 600391
Package ID: 439695
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic

55-90 47 TH ST (Continued) **2008432728**

Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 600391
Package ID: 439695
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package fail ID: 506677
Fail Sequence: 1
What failed code: 109
How failed code: 308
Failure cause code: 526
Package ID: 439695
Hazmat shipment destination: Not reported
LONG ISLAND CITY, NY 11101
Package type: A
Package other description: Not reported

55-90 47 TH ST (Continued) **2008432728**

Packaging markings: Not reported
Package code: 77
Radioactive packaging indicator: Not reported
Radioactive cert. indicator: Not reported
Radioactive cert. No: Not reported
Rad. nuclide(s) present: Not reported
Transport index: Not reported
Radioactivity indicator: Not reported
Standardized activity: Not reported
Critical safety index: Not reported
Package layer ID: 600390
Package ID: 439695
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 600390
Package ID: 439695
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0

55-90 47 TH ST (Continued) **2008432728**

Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 600390
Package ID: 439695
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 600391
Package ID: 439695
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0

55-90 47 TH ST (Continued) **2008432728**

Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 600391
Package ID: 439695
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 600391
Package ID: 439695
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported

55-90 47 TH ST (Continued) **2008432728**

Valve model:	Not reported
Package fail ID:	506677
Fail Sequence:	1
What failed code:	109
How failed code:	308
Failure cause code:	526

A42 **55-90 47TH AVE** **HMIRS** **2005701838**
55-90 47TH AVE **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 41 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:

Report #:	2005120083
System ID:	399594
Report type:	A
Incident site:	55-90 47TH AVE MASPETH, NY 11378
Incident county:	QUEENS
Incident country:	US
Incident date:	12/09/2005
Incident time:	1212
NRC report #:	0
Other fed agency reported to:	Not reported
Other agency report #:	Not reported
Incident foreign country:	Not reported
Transportation mode:	4
Transportation phase:	262
Carrier DOT ID:	265752
Carrier Hazmat ID:	062904001002M
Carrier name:	Fedex Ground Package System, Inc.
Carrier address:	1000 Fedex Drive MOON TOWNSHIP, PA 15108
Carrier country:	US
Incident consequence:	Spillage
EMS/Fire crew responded:	Not reported
EMS/Fire crew report #:	Not reported
Police responded:	Not reported
Police report #:	Not reported
In-house cleanup occurred:	True
Other cleanup occurred:	Not reported
Estimated damages exceed $500:	False
Value of material lost:	0
Value of carrier loss:	0
Value of pub/priv property loss:	0
Response cost:	0
Remediation cost:	0

Details of fatalities by vapor/fire/explosion of hazardous material:

Did Fatalities occur:	False
No. of employee fatalities:	0
No. of responder fatalities:	0
No. of public fatalities:	0

Details of fatalities not due to hazardous material:

Did fatalities occur:	Not reported
No. of dead persons:	0

55-90 47TH AVE (Continued) **2005701838**

Details of injuries due to hazardous material:

Did injuries occur:	False
No. of employees hospitalized:	0
No. of employees not hospitalized:	0
No. of responders hospitalized:	0
No. of responders not hospitalized:	0
No. of public hospitalized:	0
No. of public not hospitalized:	0
Evacuation was required:	False
No. of employees evacuated:	0
No. of public evacuated:	0
Total number evacuated:	0
Evacuation time in hours:	0
Road/facility was closed:	False
No. of hours closed:	0
Hazmat invloved in crash/derailment:	False
Estimated speed of crash:	0
Crash weather conditions:	Not reported
Vehicle overturned:	Not reported
Did vehicle leave road/track:	Not reported
Where incident occurred/discovered:	Not reported
Shipment handling details:	Not reported

Incident report preparer details:

Preparer name:	Denise Hanchulak
Preparer title:	TSM Manager II - Safety
Hazmat registration ID:	062904001002M
Employer business name:	Fedex Ground Package System, Inc.
Address:	1000 Fedex Drive MOON TOWNSHIP, PA 15108
Country:	US
Report date:	12/21/2005
Telephone:	412-859-5056
Fax:	412-859-5045
Business type:	C
Preparer other function:	Not reported

A43 **55-90 47 TH ST** **HMIRS** **2008431153**
55-90 47 TH ST **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 42 of 159 in cluster A

Relative: HMIRS:
Lower

Actual: Report #:	2007060017
7 ft. System ID:	431153
Report type:	A
Incident site:	55-90 47 th st MASPETH, NY 11378
Incident county:	QUEENS
Incident country:	US
Incident date:	05/24/07
Incident time:	0823
NRC report #:	0
Other fed agency reported to:	Not reported
Other agency report #:	Not reported
Incident foreign country:	Not reported
Transportation mode:	4

55-90 47 TH ST (Continued) **2008431153**

Transportation phase:	263
Carrier DOT ID:	265752
Carrier Hazmat ID:	062904001002M
Carrier name:	Fedex Ground Package System, Inc.
Carrier address:	1000 Fedex Drive MOON TOWNSHIP, PA 15108
Carrier country:	US
Incident consequence:	Spillage
EMS/Fire crew responded:	Not reported
EMS/Fire crew report #:	Not reported
Police responded:	Not reported
Police report #:	Not reported
In-house cleanup occurred:	True
Other cleanup occurred:	Not reported
Estimated damages exceed $500:	False
Value of material lost:	0
Value of carrier loss:	0
Value of pub/priv property loss:	0
Response cost:	0
Remediation cost:	0

Details of fatalities by vapor/fire/explosion of hazardous material:

Did Fatalities occur:	False
No. of employee fatalities:	0
No. of responder fatalities:	0
No. of public fatalities:	0

Details of fatalities not due to hazardous material:

Did fatalities occur:	Not reported
No. of dead persons:	0

Details of injuries due to hazardous material:

Did injuries occur:	False
No. of employees hospitalized:	0
No. of employees not hospitalized:	0
No. of responders hospitalized:	0
No. of responders not hospitalized:	0
No. of public hospitalized:	0
No. of public not hospitalized:	0
Evacuation was required:	False
No. of employees evacuated:	0
No. of public evacuated:	0
Total number evacuated:	0
Evacuation time in hours:	0
Road/facility was closed:	False
No. of hours closed:	0
Hazmat invloved in crash/derailment:	False
Estimated speed of crash:	0
Crash weather conditions:	Not reported
Vehicle overturned:	Not reported
Did vehicle leave road/track:	Not reported
Where incident occurred/discovered:	Not reported
Shipment handling details:	Not reported

Incident report preparer details:

Preparer name:	Mike Evers
Preparer title:	Sr Manager - Hazardous Materials
Hazmat registration ID:	062904001002M

55-90 47 TH ST (Continued) **2008431153**

Employer business name: Fedex Ground Package System, Inc.
Address: 1000 Fedex Drive
MOON TOWNSHIP, PA 15108
Country: US
Report date: 06/05/07
Telephone: 412-859-5051
Fax: 412-859-5045
Business type: C
Preparer other function: Not reported

Description of Events:

The package was unloaded with leakage noted on the box. Examination of the inner container revealed that the container(s) had loose cap(s) and leaked. The leakage was contained. The cap(s) were secured. The carton was wet but otherwise undamaged. The undamaged portion of the package was repacked for return to shipper.

Shipper Details:
Shipper ID: 431626
Shipper name: prestiage labs
Address: 100 oak st
FANWOOD, NJ 07023
Shipper country: US
Hazmat papers #: 29167700080000
Shipment origin: Not reported
Not reported
Shipment origin country: US

Details of material being shipped:
Material ID: 437697
Material name: POTASSIUM HYDROXIDE, SOLUTION
UN ID: UN1814
Hazard class code: 80
Trade name: Not reported
Packing group: Not reported
Amount reported released: 2 Quart(s)
Amount released: 0.500000 Quart(s)
Material listed as hazardous waste: False
EPA manifest number of haz. waste: Not reported
Material listed as toxic inhalant: False
Hazard zone of toxic inhalant: Not reported
Material shipped under exemption/ approval/ Competent Authority Cert.
False
Exemption/approval/CAC number: Not reported
Undeclared Hazmat shipment: False
Package ID: 438140
Hazmat shipment destination: 251 38 71 rd
JAMAICA, NY 11426
Package type: A
Package other description: Not reported
Packaging markings: Not reported
Package code: 77
Radioactive packaging indicator: Not reported
Radioactive cert. indicator: Not reported
Radioactive cert. No: Not reported
Rad. nuclide(s) present: Not reported

55-90 47 TH ST (Continued) **2008431153**

Transport index: Not reported
Radioactivity indicator: Not reported
Standardized activity: Not reported
Critical safety index: Not reported
Package layer ID: 598112
Package ID: 438140
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 598112
Package ID: 438140
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported

55-90 47 TH ST (Continued) **2008431153**

Valve model: Not reported
Package layer ID: 598112
Package ID: 438140
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 598113
Package ID: 438140
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 598113
Package ID: 438140

55-90 47 TH ST (Continued) **2008431153**

Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 598113
Package ID: 438140
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package fail ID: 505196
Fail Sequence: 1
What failed code: 109
How failed code: 308
Failure cause code: 526

55-90 47 TH ST (Continued) **2008431153**

Package ID:	438140
Hazmat shipment destination:	251 38 71 rd JAMAICA, NY 11426
Package type:	A
Package other description:	Not reported
Packaging markings:	Not reported
Package code:	77
Radioactive packaging indicator:	Not reported
Radioactive cert. indicator:	Not reported
Radioactive cert. No:	Not reported
Rad. nuclide(s) present:	Not reported
Transport index:	Not reported
Radioactivity indicator:	Not reported
Standardized activity:	Not reported
Critical safety index:	Not reported
Package layer ID:	598112
Package ID:	438140
Package layer code:	O
Package type for non-bulk/IBC/non-specification package	Box
Material type of non-bulk/IBC/non-specification package	Fiberboard
Head type for non-bulk/IBC/non-specification package	Not reported
Reported package capacity:	0
Standardized package cap:	0
Reported amount of material in pkge:	0
Number of packages shipped:	0
No. of packages releasing mat.:	0
Packaging manufacturer:	Not reported
Packaging manufacturing date:	/ /
Package serial number:	Not reported
Pkge date of last testing/inspection:	/ /
Package construction material:	Not reported
Package design pressure:	0
Package shell thickness:	0
Package head thickness:	0
Package service pressure:	0
Valve device failed:	Not reported
Valve type:	Not reported
Valve manufacturer:	Not reported
Valve model:	Not reported
Package layer ID:	598112
Package ID:	438140
Package layer code:	O
Package type for non-bulk/IBC/non-specification package	Box
Material type of non-bulk/IBC/non-specification package	Fiberboard
Head type for non-bulk/IBC/non-specification package	Not reported
Reported package capacity:	0
Standardized package cap:	0
Reported amount of material in pkge:	0
Number of packages shipped:	0
No. of packages releasing mat.:	0
Packaging manufacturer:	Not reported

55-90 47 TH ST (Continued) **2008431153**

Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 598112
Package ID: 438140
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 598113
Package ID: 438140
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /

55-90 47 TH ST (Continued) **2008431153**

Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 598113
Package ID: 438140
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 598113
Package ID: 438140
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000

55-90 47 TH ST (Continued) **2008431153**

Package head thickness:	0.000
Package service pressure:	0
Valve device failed:	Not reported
Valve type:	Not reported
Valve manufacturer:	Not reported
Valve model:	Not reported
Package fail ID:	505196
Fail Sequence:	1
What failed code:	109
How failed code:	308
Failure cause code:	526
Package ID:	438140
Hazmat shipment destination:	Not reported
	JAMAICA, NY 11426
Package type:	A
Package other description:	Not reported
Packaging markings:	Not reported
Package code:	77
Radioactive packaging indicator:	Not reported
Radioactive cert. indicator:	Not reported
Radioactive cert. No:	Not reported
Rad. nuclide(s) present:	Not reported
Transport index:	Not reported
Radioactivity indicator:	Not reported
Standardized activity:	Not reported
Critical safety index:	Not reported
Package layer ID:	598112
Package ID:	438140
Package layer code:	O
Package type for non-bulk/IBC/non-specification package	
	Box
Material type of non-bulk/IBC/non-specification package	
	Fiberboard
Head type for non-bulk/IBC/non-specification package	
	Not reported
Reported package capacity:	0
Standardized package cap:	0
Reported amount of material in pkge:	0
Number of packages shipped:	0
No. of packages releasing mat.:	0
Packaging manufacturer:	Not reported
Packaging manufacturing date:	/ /
Package serial number:	Not reported
Pkge date of last testing/inspection:	/ /
Package construction material:	Not reported
Package design pressure:	0
Package shell thickness:	0
Package head thickness:	0
Package service pressure:	0
Valve device failed:	Not reported
Valve type:	Not reported
Valve manufacturer:	Not reported
Valve model:	Not reported
Package layer ID:	598112
Package ID:	438140
Package layer code:	O
Package type for non-bulk/IBC/non-specification package	

55-90 47 TH ST (Continued) **2008431153**

Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 598112
Package ID: 438140
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 598113
Package ID: 438140
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic

55-90 47 TH ST (Continued) **2008431153**

Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 598113
Package ID: 438140
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 598113
Package ID: 438140
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000

55-90 47 TH ST (Continued) **2008431153**

Standardized package cap:	0.000000
Reported amount of material in pkge:	0.000000
Number of packages shipped:	0
No. of packages releasing mat.:	0
Packaging manufacturer:	Not reported
Packaging manufacturing date:	/ /
Package serial number:	Not reported
Pkge date of last testing/inspection:	/ /
Package construction material:	Not reported
Package design pressure:	0
Package shell thickness:	0.000
Package head thickness:	0.000
Package service pressure:	0
Valve device failed:	Not reported
Valve type:	Not reported
Valve manufacturer:	Not reported
Valve model:	Not reported
Package fail ID:	505196
Fail Sequence:	1
What failed code:	109
How failed code:	308
Failure cause code:	526
Material ID:	437697
Material name:	POTASSIUM HYDROXIDE, SOLUTION
UN ID:	UN1814
Hazard class code:	80
Trade name:	Not reported
Packing group:	Not reported
Amount reported released:	2.000000 Quart(s)
Amount released:	0.500000 Quart(s)
Material listed as hazardous waste:	False
EPA manifest number of haz. waste:	Not reported
Material listed as toxic inhalant:	False
Hazard zone of toxic inhalant:	Not reported
Material shipped under exemption/ approval/ Competent Authority Cert.	
	False
Exemption/approval/CAC number:	Not reported
Undeclared Hazmat shipment:	False
Package ID:	438140
Hazmat shipment destination:	251 38 71 rd JAMAICA, NY 11426
Package type:	A
Package other description:	Not reported
Packaging markings:	Not reported
Package code:	77
Radioactive packaging indicator:	Not reported
Radioactive cert. indicator:	Not reported
Radioactive cert. No:	Not reported
Rad. nuclide(s) present:	Not reported
Transport index:	Not reported
Radioactivity indicator:	Not reported
Standardized activity:	Not reported
Critical safety index:	Not reported
Package layer ID:	598112
Package ID:	438140
Package layer code:	O
Package type for non-bulk/IBC/non-specification package	

55-90 47 TH ST (Continued) **2008431153**

Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 598112
Package ID: 438140
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 598112
Package ID: 438140
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard

55-90 47 TH ST (Continued) **2008431153**

Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 598113
Package ID: 438140
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 598113
Package ID: 438140
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0

55-90 47 TH ST (Continued) **2008431153**

Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 598113
Package ID: 438140
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package fail ID: 505196
Fail Sequence: 1
What failed code: 109
How failed code: 308
Failure cause code: 526
Package ID: 438140
Hazmat shipment destination: 251 38 71 rd
JAMAICA, NY 11426
Package type: A
Package other description: Not reported
Packaging markings: Not reported
Package code: 77
Radioactive packaging indicator: Not reported

55-90 47 TH ST (Continued) **2008431153**

Radioactive cert. indicator: Not reported
Radioactive cert. No: Not reported
Rad. nuclide(s) present: Not reported
Transport index: Not reported
Radioactivity indicator: Not reported
Standardized activity: Not reported
Critical safety index: Not reported
Package layer ID: 598112
Package ID: 438140
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 598112
Package ID: 438140
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0

55-90 47 TH ST (Continued) **2008431153**

Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 598112
Package ID: 438140
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 598113
Package ID: 438140
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported

55-90 47 TH ST (Continued) **2008431153**

Valve model: Not reported
Package layer ID: 598113
Package ID: 438140
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 598113
Package ID: 438140
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package fail ID: 505196
Fail Sequence: 1

55-90 47 TH ST (Continued) **2008431153**

What failed code:	109
How failed code:	308
Failure cause code:	526
Package ID:	438140
Hazmat shipment destination:	Not reported
	JAMAICA, NY 11426
Package type:	A
Package other description:	Not reported
Packaging markings:	Not reported
Package code:	77
Radioactive packaging indicator:	Not reported
Radioactive cert. indicator:	Not reported
Radioactive cert. No:	Not reported
Rad. nuclide(s) present:	Not reported
Transport index:	Not reported
Radioactivity indicator:	Not reported
Standardized activity:	Not reported
Critical safety index:	Not reported
Package layer ID:	598112
Package ID:	438140
Package layer code:	O
Package type for non-bulk/IBC/non-specification package	
	Box
Material type of non-bulk/IBC/non-specification package	
	Fiberboard
Head type for non-bulk/IBC/non-specification package	
	Not reported
Reported package capacity:	0
Standardized package cap:	0
Reported amount of material in pkge:	0
Number of packages shipped:	0
No. of packages releasing mat.:	0
Packaging manufacturer:	Not reported
Packaging manufacturing date:	/ /
Package serial number:	Not reported
Pkge date of last testing/inspection:	/ /
Package construction material:	Not reported
Package design pressure:	0
Package shell thickness:	0
Package head thickness:	0
Package service pressure:	0
Valve device failed:	Not reported
Valve type:	Not reported
Valve manufacturer:	Not reported
Valve model:	Not reported
Package layer ID:	598112
Package ID:	438140
Package layer code:	O
Package type for non-bulk/IBC/non-specification package	
	Box
Material type of non-bulk/IBC/non-specification package	
	Fiberboard
Head type for non-bulk/IBC/non-specification package	
	Not reported
Reported package capacity:	0
Standardized package cap:	0
Reported amount of material in pkge:	0

55-90 47 TH ST (Continued) **2008431153**

Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 598112
Package ID: 438140
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 598113
Package ID: 438140
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported

55-90 47 TH ST (Continued) **2008431153**

Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 598113
Package ID: 438140
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 598113
Package ID: 438140
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /

55-90 47 TH ST (Continued) **2008431153**

Package construction material:	Not reported
Package design pressure:	0
Package shell thickness:	0.000
Package head thickness:	0.000
Package service pressure:	0
Valve device failed:	Not reported
Valve type:	Not reported
Valve manufacturer:	Not reported
Valve model:	Not reported
Package fail ID:	505196
Fail Sequence:	1
What failed code:	109
How failed code:	308
Failure cause code:	526

A44 **HMIRS** **2000019012**
55-90 47TH STREET **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 43 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:

Report #:	2000011134
Site location:	55-90 47TH STREET MASPETH, NY
Place of origin:	4667 MANUFACTORING DRIVE CLEVELAND, OH 44135
Destination:	ORTHO-BIONICS LAB INC 114-42/44 ROCKAWAY BLVD SOUTH OZONE PARK, NY 11420
Carrier ID:	22131
Carrier reporting #:	34-144-1019
Carrier:	ROADWAY PACKAGE SYSTEM INC
Carrier address:	P O BOX 108 PITTSBURGH, PA 15230
Shipper ID:	24719
Shipper name:	PEL SUPPLY CO
Shipper address:	4667 MANUFACTORING DRIVE CLEVELAND, OH 44135
Shipping paper number:	044109710146108
Consignee ID:	80350
Consignee name:	ORTHO-BIONICS LAB INC
Consignee addess:	114-42/44 ROCKAWAY BLVD SOUTH OZONE PARK, NY 11420
General cause:	10
Transportation mode:	4
Date:	01/13/2000
Commodity name:	RESIN SOLUTION
Trade name:	Not reported
Amount:	0.19 GAL
Result:	Spillage
Hazard Class:	30
ID Number:	UN1866
Hazardous:	False
R.Q. met:	False
Misc. info:	100 100
Vehicle Type:	Van truck/trailer
Trans. phase:	263

(Continued) **2000019012**

Land use:	271
Community:	281
Accident/Derailment:	False
Estimated speed:	F
Highway type:	999
number of lanes:	Not reported
Number evacuated:	0
Major injuries:	0
Minor injuries:	0
Fatalities:	0
Product loss:	100
Carrier damage:	0
Pvt/Pub damage:	0
Cleanup cost:	25
Other damage:	0
Reported damage:	125
Incident damage:	0

Inner and Outer Container Information:

Container type:	CONT PLS
Container capacity:	1. GAL
Number failed:	4
Number in shipment:	4
Container gauge:	Not reported
Manufacture's ID:	24719
Manuf. name:	PEL SUPPLY CO UNKNOWN, XX
Tank serial #:	Not reported
Label:	RED
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Loose fitting
Contributing Object:	No object
Contributing failure:	LEAKED
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	0
Number failed code:	0
Shipment code number:	0
Container type:	CONT PLS
Container capacity:	1.00
Number failed:	4
Number in shipment:	4
Container gauge:	Not reported
Manufacture's ID:	24719
Manuf. name:	PEL SUPPLY CO UNKNOWN, XX
Tank serial #:	Not reported
Label:	RED
Registration #:	Not reported
Inspection date:	Not reported
Exemption #:	Not reported
Contributing cause:	Loose fitting
Contributing Object:	No object
Contributing failure:	LEAKED
Affected side:	Top

(Continued) **2000019012**

Other contributing cause:	Closure
Capacity container code:	Not reported
Number failed code:	Not reported
Shipment code number:	Not reported
Container type:	BOX FBR
Container capacity:	4. GAL
Number failed:	1
Number in shipment:	1
Container gauge:	Not reported
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER UNKNOWN, XX
Tank serial #:	Not reported
Label:	RED
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	WET
Contributing Object:	Water
Contributing failure:	WET
Affected side:	Bottom
Other contributing cause:	Package material
Capacity container code:	0
Number failed code:	0
Shipment code number:	0
Container type:	BOX FBR
Container capacity:	4.00
Number failed:	1
Number in shipment:	1
Container gauge:	Not reported
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER UNKNOWN, XX
Tank serial #:	Not reported
Label:	RED
Registration #:	Not reported
Inspection date:	Not reported
Exemption #:	Not reported
Contributing cause:	WET
Contributing Object:	Water
Contributing failure:	WET
Affected side:	Bottom
Other contributing cause:	Package material
Capacity container code:	Not reported
Number failed code:	Not reported
Shipment code number:	Not reported

Remarks:

THE PACKAGE WAS UNLOADED WITH LEAKAGE NOTED ON THE BOX. EXAMINATION OF THE INNER CONTAINER REVEALED THAT THE CONTAINER(S) HAD LOOSE CAP(S) AND LEAKED. THE LEAKAGE WAS CONTAINED. THE CAP(S) WERE SECURED. THE CARTON WAS WET BUT OTHERWISE UNDAMAGED. THE PACKAGE WAS REPACKED FOR RETURN TO SHIPPER.

A45 **HMIRS** **2000031121**
55-90 47TH **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 44 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:

Report #:	2000060895
Site location:	55-90 47TH MASPETH, NY
Place of origin:	255 BLAIR ROAD AVENEL, NJ 07001
Destination:	JOEY'S PLACE 8414 ASTRORIA BLVD EAST ELMHURST, NY 11357
Carrier ID:	92098
Carrier reporting #:	34-144-1019
Carrier:	FEDEX GROUND PACKAGE SYSTEM IN
Carrier address:	P O BOX 108 PITTSBURGH, PA 152300108
Shipper ID:	24649
Shipper name:	ECO-LABS INC
Shipper address:	255 BLAIR ROAD AVENEL, NJ 07001
Shipping paper number:	07184110431612
Consignee ID:	80350
Consignee name:	JOEY'S PLACE
Consignee addess:	8414 ASTRORIA BLVD EAST ELMHURST, NY 11357
General cause:	10
Transportation mode:	4
Date:	05/31/2000
Commodity name:	SODIUM HYDROXIDE SOLUTION
Trade name:	Not reported
Amount:	0.13 GAL
Result:	Spillage
Hazard Class:	80
ID Number:	UN1824
Hazardous:	False
R.Q. met:	False
Misc. info:	100 100
Vehicle Type:	Van truck/trailer
Trans. phase:	263
Land use:	271
Community:	281
Accident/Derailment:	False
Estimated speed:	F
Highway type:	999
number of lanes:	Not reported
Number evacuated:	0
Major injuries:	0
Minor injuries:	0
Fatalities:	0
Product loss:	100
Carrier damage:	0
Pvt/Pub damage:	0
Cleanup cost:	25
Other damage:	0
Reported damage:	125

(Continued) **2000031121**

Incident damage: 0

Inner and Outer Container Information:

Container type:	1H2
Container capacity:	5.00
Number failed:	1
Number in shipment:	1
Container gauge:	UN1HY2/Y1.5/
Manufacture's ID:	24649
Manuf. name:	ECO-LABS INC ST PAUL, MN
Tank serial #:	Not reported
Label:	WHITE
Registration #:	Not reported
Inspection date:	Not reported
Exemption #:	Not reported
Contributing cause:	Loose fitting
Contributing Object:	No object
Contributing failure:	LEAKED
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	Not reported
Number failed code:	Not reported
Shipment code number:	Not reported
Container type:	1H2
Container capacity:	5. GAL
Number failed:	1
Number in shipment:	1
Container gauge:	UN1HY2/Y1.5/
Manufacture's ID:	24649
Manuf. name:	ECO-LABS INC ST PAUL, MN
Tank serial #:	Not reported
Label:	WHITE
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Loose fitting
Contributing Object:	No object
Contributing failure:	LEAKED
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	0
Number failed code:	0
Shipment code number:	0

Remarks:

THE PAIL WAS UNLOADED WITH LEAKAGE NOTED. EXAMINATION OF THE PAIL REVEALED THE PAIL HAD A LOOSE CAP/LID AND LEAKED. THE LEAKAGE WAS CONTAINED. THE CAP/LID WAS SECURED. THE PAIL WAS REPACKED FOR RETURN TO SHIPPER.

A46 **55-90 47TH ST** **HMIRS** **2008456337**
55-90 47TH ST **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 45 of 159 in cluster A

Relative: **Lower**

Actual: **7 ft.**

HMIRS:

Report #:	2008080126
System ID:	456337
Report type:	A
Incident site:	55-90 47th st MASPETH, NY 11378
Incident county:	QUEENS
Incident country:	US
Incident date:	07/18/08
Incident time:	1109
NRC report #:	0
Other fed agency reported to:	Not reported
Other agency report #:	Not reported
Incident foreign country:	Not reported
Transportation mode:	4
Transportation phase:	263
Carrier DOT ID:	265752
Carrier Hazmat ID:	062904001002M
Carrier name:	Fedex Ground Package System, Inc.
Carrier address:	1000 Fedex Drive MOON TOWNSHIP, PA 15108
Carrier country:	US
Incident consequence:	Spillage
EMS/Fire crew responded:	Not reported
EMS/Fire crew report #:	Not reported
Police responded:	Not reported
Police report #:	Not reported
In-house cleanup occurred:	True
Other cleanup occurred:	Not reported
Estimated damages exceed $500:	False
Value of material lost:	0
Value of carrier loss:	0
Value of pub/priv property loss:	0
Response cost:	0
Remediation cost:	0

Details of fatalities by vapor/fire/explosion of hazardous material:

Did Fatalities occur:	False
No. of employee fatalities:	0
No. of responder fatalities:	0
No. of public fatalities:	0

Details of fatalities not due to hazardous material:

Did fatalities occur:	Not reported
No. of dead persons:	0

Details of injuries due to hazardous material:

Did injuries occur:	False
No. of employees hospitalized:	0
No. of employees not hospitalized:	0
No. of responders hospitalized:	0
No. of responders not hospitalized:	0
No. of public hospitalized:	0
No. of public not hospitalized:	0

55-90 47TH ST (Continued) **2008456337**

Evacuation was required:	False
No. of employees evacuated:	0
No. of public evacuated:	0
Total number evacuated:	0
Evacuation time in hours:	0
Road/facility was closed:	False
No. of hours closed:	0
Hazmat invloved in crash/derailment:	False
Estimated speed of crash:	0
Crash weather conditions:	Not reported
Vehicle overturned:	Not reported
Did vehicle leave road/track:	Not reported
Where incident occurred/discovered:	Not reported
Shipment handling details:	Not reported

Incident report preparer details:

Preparer name:	Travis McEwen
Preparer title:	Safety Specialist III - Hazmat
Hazmat registration ID:	062904001002M
Employer business name:	Fedex Ground Package System, Inc.
Address:	1000 Fedex Drive MOON TOWNSHIP, PA 15108
Country:	US
Report date:	08/13/08
Telephone:	412-859-5061
Fax:	412-859-5045
Business type:	C
Preparer other function:	Not reported

Description of Events:

The package was unloaded with leakage noted on the box. Examination of the inner container revealed that the Fire Extinguisher(s) had a loose pin(s) with allowed leakage. The pin(s) were secured. The package was repacked for return to shipper.

Shipper Details:

Shipper ID:	456445
Shipper name:	brk
Address:	25a spur dr EL PASO, TX 79906
Shipper country:	US
Hazmat papers #:	79909930164182
Shipment origin:	Not reported Not reported
Shipment origin country:	Not reported

Details of material being shipped:

Material ID:	462597
Material name:	FIRE EXTINGUISHERS containing compressed or liquefied gas
UN ID:	UN1044
Hazard class code:	22
Trade name:	Not reported
Packing group:	Not reported
Amount reported released:	2.000000 Pound(s)
Amount released:	2.000000 Pound(s)
Material listed as hazardous waste:	False

55-90 47TH ST (Continued) **2008456337**

EPA manifest number of haz. waste: Not reported
Material listed as toxic inhalant: False
Hazard zone of toxic inhalant: Not reported
Material shipped under exemption/ approval/ Competent Authority Cert.
False
Exemption/approval/CAC number: Not reported
Undeclared Hazmat shipment: False
Package ID: 462876
Hazmat shipment destination: Not reported
BRONX, NY 10456
Package type: A
Package other description: Not reported
Packaging markings: Not reported
Package code: 77
Radioactive packaging indicator: Not reported
Radioactive cert. indicator: Not reported
Radioactive cert. No: Not reported
Rad. nuclide(s) present: Not reported
Transport index: Not reported
Radioactivity indicator: Not reported
Standardized activity: Not reported
Critical safety index: Not reported
Package layer ID: 632707
Package ID: 462876
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 632708
Package ID: 462876
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Can
Material type of non-bulk/IBC/non-specification package
Metal (any type)
Head type for non-bulk/IBC/non-specification package

55-90 47TH ST (Continued) **2008456337**

	Not reported
Reported package capacity:	0.000000
Standardized package cap:	0.000000
Reported amount of material in pkge:	0.000000
Number of packages shipped:	0
No. of packages releasing mat.:	0
Packaging manufacturer:	Not reported
Packaging manufacturing date:	/ /
Package serial number:	Not reported
Pkge date of last testing/inspection:	/ /
Package construction material:	Not reported
Package design pressure:	0
Package shell thickness:	0.000
Package head thickness:	0.000
Package service pressure:	0
Valve device failed:	Not reported
Valve type:	Not reported
Valve manufacturer:	Not reported
Valve model:	Not reported
Package fail ID:	529083
Fail Sequence:	1
What failed code:	109
How failed code:	313
Failure cause code:	515

A47 **HMIRS** **2000026170**
55-90 47TH **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 46 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:

Report #:	2000041158
Site location:	55-90 47TH MASPETH, NY
Place of origin:	410 DIVISION STREET ELIZABETH, NJ 07201
Destination:	UTLEYS INC 31-23 61ST STREET WOODSIDE, NY 11377
Carrier ID:	92098
Carrier reporting #:	34-144-1019
Carrier:	FEDEX GROUND PACKAGE SYSTEM IN
Carrier address:	P O BOX 108 PITTSBURGH, PA 152300108
Shipper ID:	88382
Shipper name:	AMERICAN CHEMICAL & COATINGS
Shipper address:	410 DIVISION STREET ELIZABETH, NJ 07201
Shipping paper number:	017327700006935
Consignee ID:	80350
Consignee name:	UTLEYS INC
Consignee addess:	31-23 61ST STREET WOODSIDE, NY 11377
General cause:	10
Transportation mode:	4
Date:	04/01/2000
Commodity name:	ALCOHOLS N.O.S.

(Continued) **2000026170**

Trade name:	METHANOL
Amount:	0. GAL
Result:	Spillage
Hazard Class:	30
ID Number:	UN1987
Hazardous:	False
R.Q. met:	False
Misc. info:	100 100
Vehicle Type:	Van truck/trailer
Trans. phase:	263
Land use:	271
Community:	281
Accident/Derailment:	False
Estimated speed:	F
Highway type:	999
number of lanes:	0
Number evacuated:	0
Major injuries:	0
Minor injuries:	0
Fatalities:	0
Product loss:	100
Carrier damage:	0
Pvt/Pub damage:	0
Cleanup cost:	25
Other damage:	0
Reported damage:	125
Incident damage:	0

Inner and Outer Container Information:

Container type:	PAIL MTL
Container capacity:	1.00
Number failed:	1
Number in shipment:	4
Container gauge:	Not reported
Manufacture's ID:	10330
Manuf. name:	AMERICAN COATINGS INC MAGNOLIA, NJ
Tank serial #:	Not reported
Label:	RED
Registration #:	Not reported
Inspection date:	Not reported
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway
Contributing failure:	Burst/int. pressure
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	Not reported
Number failed code:	Not reported
Shipment code number:	Not reported
Container type:	PAIL MTL
Container capacity:	1. GAL
Number failed:	1
Number in shipment:	4
Container gauge:	Not reported
Manufacture's ID:	10330
Manuf. name:	AMERICAN COATINGS INC

(Continued) **2000026170**

MAGNOLIA, NJ
Tank serial #: Not reported
Label: RED
Registration #: Not reported
Inspection date: / /
Exemption #: Not reported
Contributing cause: Dropped
Contributing Object: Roadway
Contributing failure: Burst/int. pressure
Affected side: Top
Other contributing cause: Closure
Capacity container code: 0
Number failed code: 0
Shipment code number: 1
Container type: BOX FBR
Container capacity: 4.00
Number failed: 1
Number in shipment: 1
Container gauge: Not reported
Manufacture's ID: 16222
Manuf. name: NOT REPORTED BY CARRIER
UNKNOWN, XX
Tank serial #: Not reported
Label: Not reported
Registration #: Not reported
Inspection date: Not reported
Exemption #: Not reported
Contributing cause: Dropped
Contributing Object: Roadway
Contributing failure: Ripped
Affected side: Bottom
Other contributing cause: Package material
Capacity container code: Not reported
Number failed code: Not reported
Shipment code number: Not reported
Container type: BOX FBR
Container capacity: 4. GAL
Number failed: 1
Number in shipment: 1
Container gauge: Not reported
Manufacture's ID: 16222
Manuf. name: NOT REPORTED BY CARRIER
UNKNOWN, XX
Tank serial #: Not reported
Label: Not reported
Registration #: Not reported
Inspection date: / /
Exemption #: Not reported
Contributing cause: Dropped
Contributing Object: Roadway
Contributing failure: Ripped
Affected side: Bottom
Other contributing cause: Package material
Capacity container code: 0
Number failed code: 0
Shipment code number: 0

(Continued) **2000026170**

Remarks:

THE PACKAGE WAS DROPPED IN HANDLING. EXAMINATION OF THE INNER CONTAINER REVEALED A RUPTURED SEAM WHICH ALLOWED THE CONTENTS TO ESCAPE. THE LEAKAGE WAS CONTAINED. THE PACKAGE WAS REPACKED FOR RETURN TO SHIPPER.

A48 **HMIRS** **2000032150**
55-90 47TH ST **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 47 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:

Report #:	2000061441
Site location:	55-90 47TH ST MASPETH, NY
Place of origin:	251 AND ROCKTON ROAD SOUTH BELOIT, IL
Destination:	MARRIOTT FD FLUSHING HOSPITAL PARSON BLVD & 45TH FLUSHING, NY 11355
Carrier ID:	92098
Carrier reporting #:	34-144-1019
Carrier:	FEDEX GROUND PACKAGE SYSTEM IN
Carrier address:	P O BOX 108 PITTSBURGH, PA 152300108
Shipper ID:	24649
Shipper name:	ECO-LABS INC
Shipper address:	251 AND ROCKTON ROAD SOUTH BELOIT, IL
Shipping paper number:	020897710379458
Consignee ID:	80350
Consignee name:	MARRIOTT FD FLUSHING HOSPITAL
Consignee addess:	PARSON BLVD & 45TH FLUSHING, NY 11355
General cause:	10
Transportation mode:	4
Date:	06/05/2000
Commodity name:	CORROS LIQ ACIDIC ORGANIC
Trade name:	ACETIC AND SULFONIC
Amount:	0.06 GAL
Result:	Spillage
Hazard Class:	80
ID Number:	UN3265
Hazardous:	True
R.Q. met:	False
Misc. info:	100 100
Vehicle Type:	Van truck/trailer
Trans. phase:	263
Land use:	272
Community:	281
Accident/Derailment:	False
Estimated speed:	F
Highway type:	999
number of lanes:	Not reported
Number evacuated:	0
Major injuries:	0

(Continued) **2000032150**

Minor injuries:	0
Fatalities:	0
Product loss:	100
Carrier damage:	0
Pvt/Pub damage:	0
Cleanup cost:	25
Other damage:	0
Reported damage:	125
Incident damage:	0

Inner and Outer Container Information:

Container type:	PAIL PLS
Container capacity:	3. GAL
Number failed:	1
Number in shipment:	1
Container gauge:	Not reported
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER UNKNOWN, XX
Tank serial #:	Not reported
Label:	Not reported
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway
Contributing failure:	Burst/int. pressure
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	0
Number failed code:	0
Shipment code number:	0
Container type:	PAIL PLS
Container capacity:	3.25
Number failed:	1
Number in shipment:	1
Container gauge:	Not reported
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER UNKNOWN, XX
Tank serial #:	Not reported
Label:	Not reported
Registration #:	Not reported
Inspection date:	Not reported
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway
Contributing failure:	Burst/int. pressure
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	Not reported
Number failed code:	Not reported
Shipment code number:	Not reported
Container type:	BOX FBR
Container capacity:	3. GAL
Number failed:	1
Number in shipment:	1

(Continued) **2000032150**

Container gauge:	Not reported
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER UNKNOWN, XX
Tank serial #:	Not reported
Label:	WHITE
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway
Contributing failure:	Ripped
Affected side:	Bottom
Other contributing cause:	Package material
Capacity container code:	0
Number failed code:	0
Shipment code number:	0
Container type:	BOX FBR
Container capacity:	3.25
Number failed:	1
Number in shipment:	1
Container gauge:	Not reported
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER UNKNOWN, XX
Tank serial #:	Not reported
Label:	WHITE
Registration #:	Not reported
Inspection date:	Not reported
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway
Contributing failure:	Ripped
Affected side:	Bottom
Other contributing cause:	Package material
Capacity container code:	Not reported
Number failed code:	Not reported
Shipment code number:	Not reported

Remarks:

THE PACKAGE WAS DROPPED IN HANDLING. EXAMINATION OF THE INNER CONTAINER REVEALED A RUPTURED SEAM WHICH ALLOWED THE CONTENTS TO ESCAPE. THE LEAKAGE WAS CONTAINED. THE PACKAGE WAS REPACKED FOR RETURN TO SHIPPER.

A49 **HMIRS** **2000031067**
55-90 47TH ST **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 48 of 159 in cluster A

Relative: HMIRS:
Lower

Actual: Report #:	2000060868
7 ft. Site location:	55-90 47TH ST MASPETH, NY
Place of origin:	100 VARICK AVE BROOKLYN, NY 13072

(Continued) **2000031067**

Destination:	MARI STRINGS INC 1427 BROADWAY LONG ISLAND CITY, NY 11106
Carrier ID:	92098
Carrier reporting #:	34-144-1019
Carrier:	FEDEX GROUND PACKAGE SYSTEM IN
Carrier address:	P O BOX 108 PITTSBURGH, PA 152300108
Shipper ID:	13072
Shipper name:	ENEQUIST CHEMICAL CO INC
Shipper address:	100 VARICK AVE BROOKLYN, NY 13072
Shipping paper number:	1092160013896
Consignee ID:	80350
Consignee name:	MARI STRINGS INC
Consignee addess:	1427 BROADWAY LONG ISLAND CITY, NY 11106
General cause:	10
Transportation mode:	4
Date:	05/10/2000
Commodity name:	TOXIC LIQUID CORRO INORG
Trade name:	SODIUM BICHOMATE/SUL
Amount:	0. GAL
Result:	Spillage
Hazard Class:	61
ID Number:	UN3289
Hazardous:	True
R.Q. met:	False
Misc. info:	100 100
Vehicle Type:	Van truck/trailer
Trans. phase:	263
Land use:	272
Community:	281
Accident/Derailment:	False
Estimated speed:	F
Highway type:	999
number of lanes:	0
Number evacuated:	0
Major injuries:	0
Minor injuries:	0
Fatalities:	0
Product loss:	100
Carrier damage:	0
Pvt/Pub damage:	0
Cleanup cost:	25
Other damage:	0
Reported damage:	125
Incident damage:	0

Inner and Outer Container Information:

Container type:	1H1
Container capacity:	5. GAL
Number failed:	1
Number in shipment:	1
Container gauge:	UN1H1/Y1.8/1
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER

(Continued) **2000031067**

	UNKNOWN, XX
Tank serial #:	Not reported
Label:	Not reported
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Loose fitting
Contributing Object:	No object
Contributing failure:	LEAKED
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	0
Number failed code:	0
Shipment code number:	0
Container type:	1H1
Container capacity:	5.00
Number failed:	1
Number in shipment:	1
Container gauge:	UN1H1/Y1.8/1
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER
	UNKNOWN, XX
Tank serial #:	Not reported
Label:	Not reported
Registration #:	Not reported
Inspection date:	Not reported
Exemption #:	Not reported
Contributing cause:	Loose fitting
Contributing Object:	No object
Contributing failure:	LEAKED
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	Not reported
Number failed code:	Not reported
Shipment code number:	Not reported

Remarks:

THE PAIL WAS UNLOADED WITH LEAKAGE NOTED. EXAMINATION OF THE PAIL REVEALED THE PAIL HAD A LOOSE CAP/LID AND LEAKED. THE LEAKAGE WAS CONTAINED. THE CAP/LID WAS SECURED. THE PAIL WAS REPACKED FOR RETURN TO SHIPPER.

A50 **HMIRS** **2000020651**

55-90 47TH STREET **N/A**

< 1/8 **MASPETH, NY**

1 ft.

Site 49 of 159 in cluster A

Relative: HMIRS:

Lower

Actual:

7 ft.

Report #:	2000020946
Site location:	55-90 47TH STREET MASPETH, NY
Place of origin:	7400 TIERRA BUENA LANE SCOTTSDALE, AZ 85260
Destination:	NEHOC/FOUR STAR 1842 E JERRICHO TPK HUNTINGTON, NY 11783

(Continued) **2000020651**

Carrier ID:	92098
Carrier reporting #:	34-144-1019
Carrier:	FEDEX GROUND PACKAGE SYSTEM IN
Carrier address:	P O BOX 108 PITTSBURGH, PA 15230
Shipper ID:	83391
Shipper name:	STYLING TECHNOLOGY CORP
Shipper address:	7400 TIERRA BUENA LANE SCOTTSDALE, AZ 85260
Shipping paper number:	Not reported
Consignee ID:	80350
Consignee name:	NEHOC/FOUR STAR
Consignee addess:	1842 E JERRICHO TPK HUNTINGTON, NY 11783
General cause:	10
Transportation mode:	4
Date:	01/12/2000
Commodity name:	FLAMMABLE LIQUIDS N.O.S.
Trade name:	Not reported
Amount:	0.19 GAL
Result:	Spillage
Hazard Class:	30
ID Number:	UN1993
Hazardous:	False
R.Q. met:	False
Misc. info:	100 100
Vehicle Type:	Van truck/trailer
Trans. phase:	263
Land use:	271
Community:	281
Accident/Derailment:	False
Estimated speed:	F
Highway type:	999
number of lanes:	Not reported
Number evacuated:	0
Major injuries:	0
Minor injuries:	0
Fatalities:	0
Product loss:	100
Carrier damage:	0
Pvt/Pub damage:	0
Cleanup cost:	25
Other damage:	0
Reported damage:	125
Incident damage:	0

Inner and Outer Container Information:

Container type:	CONT PLS
Container capacity:	1. GAL
Number failed:	4
Number in shipment:	4
Container gauge:	Not reported
Manufacture's ID:	93370
Manuf. name:	STYLING TECH UNKNOWN, XX
Tank serial #:	Not reported
Label:	Not reported

(Continued) **2000020651**

Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway
Contributing failure:	Burst/int. pressure
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	0
Number failed code:	0
Shipment code number:	0
Container type:	CONT PLS
Container capacity:	1.00
Number failed:	4
Number in shipment:	4
Container gauge:	Not reported
Manufacture's ID:	93370
Manuf. name:	STYLING TECH
	UNKNOWN, XX
Tank serial #:	Not reported
Label:	Not reported
Registration #:	Not reported
Inspection date:	Not reported
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway
Contributing failure:	Burst/int. pressure
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	Not reported
Number failed code:	Not reported
Shipment code number:	Not reported
Container type:	BOX FBR
Container capacity:	4. GAL
Number failed:	1
Number in shipment:	1
Container gauge:	Not reported
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER
	UNKNOWN, XX
Tank serial #:	Not reported
Label:	RED
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway
Contributing failure:	Ripped
Affected side:	Bottom
Other contributing cause:	Package material
Capacity container code:	0
Number failed code:	0
Shipment code number:	0
Container type:	BOX FBR
Container capacity:	4.00
Number failed:	1
Number in shipment:	1

(Continued) **2000020651**

Container gauge:	Not reported
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER UNKNOWN, XX
Tank serial #:	Not reported
Label:	RED
Registration #:	Not reported
Inspection date:	Not reported
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway
Contributing failure:	Ripped
Affected side:	Bottom
Other contributing cause:	Package material
Capacity container code:	Not reported
Number failed code:	Not reported
Shipment code number:	Not reported

Remarks:

THE PACKAGE WAS DROPPED IN HANDLING. EXAMINATION OF THE INNER CONTAINER REVEALED A RUPTURED SEAM WHICH ALLOWED THE CONTENTS TO ESCAPE. THE LEAKAGE WAS CONTAINED. THE PACKAGE WAS REPACKED FOR RETURN TO SHIPPER.

A51 **55-90 47TH ST** **HMIRS** **2007435544**
55-90 47TH ST **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 50 of 159 in cluster A

Relative: HMIRS:
Lower

Actual: Report #:	2006070159
7 ft. System ID:	410965
Report type:	A
Incident site:	55-90 47th st MASPETH, NY 11378
Incident county:	queens
Incident country:	US
Incident date:	06/14/06
Incident time:	1304
NRC report #:	0
Other fed agency reported to:	Not reported
Other agency report #:	Not reported
Incident foreign country:	Not reported
Transportation mode:	4
Transportation phase:	262
Carrier DOT ID:	265752
Carrier Hazmat ID:	062904001002M
Carrier name:	Fedex Ground Package System, Inc.
Carrier address:	1000 Fedex Drive MOON TOWNSHIP, PA 15108
Carrier country:	US
Incident consequence:	Spillage
EMS/Fire crew responded:	Not reported
EMS/Fire crew report #:	Not reported
Police responded:	Not reported
Police report #:	Not reported

55-90 47TH ST (Continued) **2007435544**

In-house cleanup occurred:	True
Other cleanup occurred:	Not reported
Estimated damages exceed $500:	False
Value of material lost:	0
Value of carrier loss:	0
Value of pub/priv property loss:	0
Response cost:	0
Remediation cost:	0

Details of fatalities by vapor/fire/explosion of hazardous material:

Did Fatalities occur:	False
No. of employee fatalities:	0
No. of responder fatalities:	0
No. of public fatalities:	0

Details of fatalities not due to hazardous material:

Did fatalities occur:	Not reported
No. of dead persons:	0

Details of injuries due to hazardous material:

Did injuries occur:	False
No. of employees hospitalized:	0
No. of employees not hospitalized:	0
No. of responders hospitalized:	0
No. of responders not hospitalized:	0
No. of public hospitalized:	0
No. of public not hospitalized:	0
Evacuation was required:	False
No. of employees evacuated:	0
No. of public evacuated:	0
Total number evacuated:	0
Evacuation time in hours:	0
Road/facility was closed:	False
No. of hours closed:	0
Hazmat invloved in crash/derailment:	False
Estimated speed of crash:	0
Crash weather conditions:	Not reported
Vehicle overturned:	Not reported
Did vehicle leave road/track:	Not reported
Where incident occurred/discovered:	Not reported
Shipment handling details:	Not reported

Incident report preparer details:

Preparer name:	Scott Kerr
Preparer title:	TSM Manager II - Safety
Hazmat registration ID:	062904001002M
Employer business name:	Fedex Ground Package System, Inc.
Address:	1000 Fedex Drive
	MOON TOWNSHIP, PA 15108
Country:	US
Report date:	07/07/06
Telephone:	412-859-5051
Fax:	412-859-5045
Business type:	C
Preparer other function:	Not reported

A52 **55-90 47TH ST** **HMIRS** **2008457181**
55-90 47TH ST **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 51 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:

Report #:	2008090051
System ID:	457181
Report type:	A
Incident site:	55-90 47th st MASPETH, NY 11378
Incident county:	QUEENS
Incident country:	US
Incident date:	08/22/08
Incident time:	0600
NRC report #:	0
Other fed agency reported to:	Not reported
Other agency report #:	Not reported
Incident foreign country:	Not reported
Transportation mode:	4
Transportation phase:	263
Carrier DOT ID:	265752
Carrier Hazmat ID:	062904001002M
Carrier name:	Fedex Ground Package System, Inc.
Carrier address:	1000 Fedex Drive MOON TOWNSHIP, PA 15108
Carrier country:	US
Incident consequence:	Spillage
EMS/Fire crew responded:	Not reported
EMS/Fire crew report #:	Not reported
Police responded:	Not reported
Police report #:	Not reported
In-house cleanup occurred:	True
Other cleanup occurred:	Not reported
Estimated damages exceed $500:	False
Value of material lost:	0
Value of carrier loss:	0
Value of pub/priv property loss:	0
Response cost:	0
Remediation cost:	0

Details of fatalities by vapor/fire/explosion of hazardous material:

Did Fatalities occur:	False
No. of employee fatalities:	0
No. of responder fatalities:	0
No. of public fatalities:	0

Details of fatalities not due to hazardous material:

Did fatalities occur:	Not reported
No. of dead persons:	0

Details of injuries due to hazardous material:

Did injuries occur:	False
No. of employees hospitalized:	0
No. of employees not hospitalized:	0
No. of responders hospitalized:	0
No. of responders not hospitalized:	0
No. of public hospitalized:	0
No. of public not hospitalized:	0

55-90 47TH ST (Continued) **2008457181**

Evacuation was required:	False
No. of employees evacuated:	0
No. of public evacuated:	0
Total number evacuated:	0
Evacuation time in hours:	0
Road/facility was closed:	False
No. of hours closed:	0
Hazmat invloved in crash/derailment:	False
Estimated speed of crash:	0
Crash weather conditions:	Not reported
Vehicle overturned:	Not reported
Did vehicle leave road/track:	Not reported
Where incident occurred/discovered:	Not reported
Shipment handling details:	Not reported

Incident report preparer details:

Preparer name:	Travis McEwen
Preparer title:	Safety Specialist III - Hazmat
Hazmat registration ID:	062904001002M
Employer business name:	Fedex Ground Package System, Inc.
Address:	1000 Fedex Drive MOON TOWNSHIP, PA 15108
Country:	US
Report date:	09/02/08
Telephone:	412-859-5061
Fax:	412-859-5045
Business type:	C
Preparer other function:	Not reported

Description of Events:

The package was unloaded with leakage noted on the box. Examination of the inner container revealed that the container(s) had loose cap(s) and leaked. The leakage was contained. The cap(s) were secured. The carton was wet but otherwise undamaged. The undamaged portion of the package was repacked for return to shipper.

Shipper Details:

Shipper ID:	457282
Shipper name:	sureseal
Address:	81 andrew drive STOCKBRIDGE, GA 30281
Shipper country:	US
Hazmat papers #:	59689410077954
Shipment origin:	Not reported Not reported
Shipment origin country:	Not reported

Details of material being shipped:

Material ID:	463430
Material name:	FLAMMABLE LIQUIDS, N.O.S.
UN ID:	UN1993
Hazard class code:	30
Trade name:	contains hexane and
Packing group:	II
Amount reported released:	3.000000 Gallon(s)
Amount released:	3.000000 Gallon(s)

55-90 47TH ST (Continued) **2008457181**

Material listed as hazardous waste: False
EPA manifest number of haz. waste: Not reported
Material listed as toxic inhalant: False
Hazard zone of toxic inhalant: Not reported
Material shipped under exemption/ approval/ Competent Authority Cert.
False
Exemption/approval/CAC number: Not reported
Undeclared Hazmat shipment: False
Package ID: 463723
Hazmat shipment destination: Not reported
BROOKLYN, NY 11234
Package type: A
Package other description: Not reported
Packaging markings: 4G/Y19.2/S/07USA/+BZ0239
Package code: 76
Radioactive packaging indicator: Not reported
Radioactive cert. indicator: Not reported
Radioactive cert. No: Not reported
Rad. nuclide(s) present: Not reported
Transport index: Not reported
Radioactivity indicator: Not reported
Standardized activity: Not reported
Critical safety index: Not reported
Package layer ID: 634101
Package ID: 463723
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Not reported
Material type of non-bulk/IBC/non-specification package
Not reported
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 634102
Package ID: 463723
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Not reported
Material type of non-bulk/IBC/non-specification package
Not reported

55-90 47TH ST (Continued) **2008457181**

Head type for non-bulk/IBC/non-specification package: Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package fail ID: 529922
Fail Sequence: 1
What failed code: 109
How failed code: 308
Failure cause code: 526

A53 **HMIRS** **200115893**
55-90 47TH ST **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 52 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:
Report #: 2001120415
Site location: 55-90 47TH ST
MASPETH, NY
Place of origin: 71 CHARLES ST
GLEN COVE, NY 11542
Destination: MICHAEL KANE COLOR
38-01 23RD AVE
UNKNOWN, XX
Carrier ID: 92098
Carrier reporting #: 34-144-1019
Carrier: FEDEX GROUND PACKAGE SYSTEM IN
Carrier address: P O BOX 108
PITTSBURGH, PA 152300108
Shipper ID: 45288
Shipper name: KONICA IMAGING USA INC
Shipper address: 71 CHARLES ST
GLEN COVE, NY 11542
Shipping paper number: 011713910028274
Consignee ID: 80350
Consignee name: MICHAEL KANE COLOR
Consignee addess: 38-01 23RD AVE
UNKNOWN, XX
General cause: 10
Transportation mode: 4
Date: 10/22/2001

(Continued) **200115893**

Commodity name:	CORROS LIQ BASIC INORGANI
Trade name:	POTASSIUM CARBONATE
Amount:	0.25 GAL
Result:	Spillage
Hazard Class:	80
ID Number:	UN3266
Hazardous:	False
R.Q. met:	False
Misc. info:	100 100
Vehicle Type:	Van truck/trailer
Trans. phase:	263
Land use:	271
Community:	281
Accident/Derailment:	False
Estimated speed:	F
Highway type:	999
number of lanes:	0
Number evacuated:	0
Major injuries:	0
Minor injuries:	0
Fatalities:	0
Product loss:	100
Carrier damage:	0
Pvt/Pub damage:	0
Cleanup cost:	425
Other damage:	0
Reported damage:	525
Incident damage:	0

Inner and Outer Container Information:

Container type:	JUG PLS
Container capacity:	1.00 GAL
Number failed:	2
Number in shipment:	4
Container gauge:	Not reported
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER UNKNOWN, XX
Tank serial #:	Not reported
Label:	Not reported
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway
Contributing failure:	Burst/int. pressure
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	0
Number failed code:	0
Shipment code number:	0
Container type:	BOX FBR
Container capacity:	4.00 GAL
Number failed:	1
Number in shipment:	1
Container gauge:	Not reported
Manufacture's ID:	45288

(Continued) **200115893**

Manuf. name:	KONICA IMAGING USA INC
	GLEN COVE, NY
Tank serial #:	Not reported
Label:	WHITE
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway
Contributing failure:	Ripped
Affected side:	Bottom
Other contributing cause:	Package material
Capacity container code:	0
Number failed code:	0
Shipment code number:	0

Remarks:

THE PACKAGE WAS DROPPED IN HANDLING. EXAMINATION OF THE INNER CONTAINER
REVEALED A RUPTURED SEAM WHICH ALLOWED THE CONTENTS TO ESCAPE. THE LEAKAGE
WAS CONTAINED. THE PACKAGE WAS REPACKED FOR RETURN TO SHIPPER.

A54 **55-90 47 TH STREET** **HMIRS** **2009046054**
55-90 47 TH STREET **N/A**
< 1/8 **FLUSHING, NY 11378**
1 ft.

Site 53 of 159 in cluster A

Relative: HMIRS:
Lower

Actual: Report Number:	X-2009030238
7 ft. Report Source:	XML
Multiple Rows per Incident:	No
Report Type:	A hazardous material incident
Date of Incident:	3/10/2009
Time of Incident:	600
NRC Number:	Not reported
Fed DOT Agency Name:	Not reported
Fed DOT Report #:	Not reported
Incident City:	FLUSHING
Incident County:	Queen
Incident State:	NY
Incident Zip:	11378
Incident Non-US State:	Not reported
Incident Country:	US
Incident Route:	55-90 47 th street
Mode of Transportation:	Highway
Transportation Phase:	Unloading
Carrier/Reporter Name:	FEDEX GROUND PACKAGE SYSTEM INC
Carrier/Reporter Street:	1000 FEDEX DRIVE
Carrier/Reporter City:	MOON TOWNSHIP
Carrier/Reporter State:	PA
Carrier/Reporter Zip:	15108
Carrier/Reporter Non-US State:	Not reported
Carrier/Reporter FED DOT ID:	265752
Carrier/Reporter HAZMAT ID:	062904001002M
Carrier/Reporter Country:	US

55-90 47 TH STREET (Continued) **2009046054**

Shipper Name:	ATLANTIC PLYWOOD
Shipper Street:	75 AMOR AVE
Shipper City:	CARLSTADT
Shipper State:	NJ
Shipper Zip:	7072
Shipper Non-US State:	Not reported
Shipper Country:	US
Waybill/Shipping Paper:	568686130177783
Shipper HAZMAT Registration ID:	Not reported
Origin City:	Not reported
Origin State:	Not reported
Origin Zip:	Not reported
Origin Non-US State:	Not reported
Origin Country:	Not reported
Destination City:	ASTORIA
Destination State:	NY
Destination Postal Code:	11101
Destination Non-US State:	Not reported
Destination Country:	US
Commodity Short Name:	PAINT OR PAINT RELATED
Commodity Long Name:	PAINT (including Paint Lacquer Enamel Stain Shellac Solutions Varnish Polish Liquid Filler and Liquid Lacquer Base) or PAINT RELATED MATERIAL (including Paint Thinning or Reducing Compound)
Technical/Trade Name:	Not reported
Identification Number:	UN1263
Hazardous Class Code:	3
Hazardous Class:	FLAMMABLE - COMBUSTIBLE LIQUID
Packing Group:	II
Quantity Released:	2
Unit of Measure:	LGA
Unit of Measure Description:	Liquid - Gallon
HAZMAT Waste Indicator:	No
HAZMAT Waste EPA ID:	Not reported
HMIS Toxic by Inhalation:	No
TIH Hazard Zone:	Not reported
Material Shipment Approval:	No
Mat. Shipment Approval #:	Not reported
Undeclared HAZMAT Shipment:	No
Packaging Type:	Non-Bulk
What Failed Code:	109
What Failed Description:	Closure (e.g. Cap Top or Plug)
How Failed Code:	308
How Failed Description:	Leaked
Failure Cause Code:	526
Failure Cause Description:	Loose Closure Component or Device
Identification Markings:	4G/Y38.5/S/08USA/+AX5040
Cont1 Packaging Type:	Not reported
Cont1 Material of Construction:	Not reported
Cont1 Head Type:	Not reported
Cont1 Package Capacity:	Not reported
Cont1 Package Capacity UOM:	Not reported
Cont1 Package Amount:	Not reported
Cont1 Package Amount UOM:	Not reported
Cont1 Pkg Number:	Not reported
Cont1 Pkg Shipment # Failed:	Not reported
Cont1 Package Manufacturer:	Not reported
Cont1 Pkg Manufacturer Date:	Not reported

55-90 47 TH STREET (Continued) **2009046054**

Cont1 Package Serial Number:	Not reported
Cont1 Package Last Test Date:	Not reported
Cont1 Test Material Of Const:	Not reported
Cont1 Pkg Dsign Pressure Rpted:	Not reported
Cont1 Dsign Pressure UOM Rpted:	Not reported
Cont1 Pkg Shell Thickness Rptd:	Not reported
Cont1 Shell Thickness UOM Rptd:	Not reported
Cont1 Head Thickness Reported:	Not reported
Cont1 Head Thickness UOM Rpted:	Not reported
Cont1 Pkg Srvc Pressure Rpted:	Not reported
Cont1 Srvc Pressure UOM Rpted:	Not reported
Cont1 Valve or Device Fail Ind:	No
Cont1 Valve or Device Type:	Not reported
Cont1 Val Device Manufacturer:	Not reported
Cont1 Valve or Device Model:	Not reported
Cont2 Package Type:	Not reported
Cont2 Material of Construction:	Not reported
Cont2 Package Capacity:	Not reported
Cont2 Capacity UOM Reported:	Not reported
Cont2 Package Amount:	Not reported
Cont2 Package Amount UOM:	Not reported
Cont2 Pkg Number in Shipment:	Not reported
Cont2 Pkg Shipment # Failed:	Not reported
RAM Package Category:	Not reported
RAM Package Certification:	Not reported
RAM Package Certification #:	Not reported
RAM Nuclide(s) Present:	Not reported
RAM Transport Index:	Not reported
RAM UOM:	Not reported
RAM Activity Rpted:	Not reported
RAM UOM Rpted:	Not reported
RAM Activity:	Not reported
RAM Activity UOM:	Not reported
RAM Material Safety Index:	Not reported
Spillage (Ind:	Yes
Fire Ind:	No
Explosion Ind:	No
Water Sewer Ind:	No
Gas Dispersion Ind:	No
Environmental Damage:	No
No Release Ind:	No
Fire/EMS Report Ind:	No
Fire EMS/EMS Report #:	Not reported
Police Report Ind:	No
Police Report #:	Not reported
In-House Cleanup Ind:	Yes
Other Cleanup Ind:	No
Damage More Than 500:	No
Material Loss:	0
Carrier Damage:	0
Property Damage:	0
Response Cost:	0
Remediation Cleanup Cost:	0
Damage Other (Old Form):	0
Total Amount of Damages:	0
HAZMAT Fatality Indicator:	No
HAZMAT Fatalities Employees:	0

55-90 47 TH STREET (Continued) **2009046054**

HAZMAT Fatalities Responders:	0
HAZMAT Fatality Gen. Public:	0
Hazmat Fatalities (Old Form):	0
Total Hazmat Fatalities:	0
Non_HAZMAT Fatality Indicator:	No
Non-HAZMAT Fatalities:	0
HAZMAT Injury Indicator:	No
HAZMAT Hospitalized Employees:	0
HAZMAT Hospitalized Responders:	0
HAZMAT Hospitalized Gen Public:	0
HAZMAT Hospitalized (Old Form):	0
Total Hazmat Hosp Injuries:	0
HAZMAT NonHosp Employees:	0
HAZMAT NonHosp Responders:	0
HAZMAT NonHosp Gen. Public:	0
HAZMAT NonHosp (Old Form):	0
Total Hazmat NonHosp Injuries:	0
Total Hazmat Injuries:	0
Evacuation Indicator:	No
Public Evacuated:	0
Employees Evacuated:	0
Total Evacuated:	0
Total Evacuation Hours:	0
Major Artery Closed:	No
Major Artery Hours Closed:	0
Material Involved in Accident:	No
Estimated Speed:	0
Weather Conditions:	Not reported
Vehicle Overturn:	No
Vehicle Left Roadway/Track:	No
Passenger Aircraft Indicator:	No
Cargo Passenger Baggage Ind:	Not reported
Incident Occurrence:	Not reported
Shipphase Non-Transported Ind:	No
Shipphase Air First Flight Ind:	No
Shipphase Air SubFlight Ind:	No
Shipphase Init Transport Ind:	No
Shipphase Transfer Indicator:	No
Contact Name:	Travis McEwen
Contact Title:	Safety Specialist III - Hazmat
Contact Business Name:	FEDEX GROUND PACKAGE SYSTEM INC
Contact Street:	1000 FEDEX DRIVE
Contact City:	MOON TOWNSHIP
Contact State:	PA
Contact Postal Code:	15108
Contact Non-US State:	Not reported
Contact Country:	US
Preparer of Incident Report:	Carrier
Description of Events:	The pail was unloaded with leakage noted. Examination of the pail revealed the pail had a loose cap/lid and leaked. The leakage was contained. The cap/lid was secured. Undamaged product was returned to the shipper. The damaged product was properly disposed of in accordance with Federal Regulations.
Recommendations/Actions Taken:	Not reported
Recommendations/Actions:	Not reported
HMIS Serious Incident Ind:	No
HMIS Serious Fatality:	No

55-90 47 TH STREET (Continued) **2009046054**

HMIS Serious Injury:	No
HMIS Serious Flight Plan:	No
HMIS Serious Evacuations:	No
HMIS Serious Major Artery:	No
HMIS Serious Bulk Release:	No
HMIS Serious Marine Pollutant:	No
HMIS Serious Radioactive:	No
HMIS General Package Type:	BOX FIBER
HMIS Container Code:	4G
HMIS Container Description:	Fiberboard box
HMIS Bulk Incident Indicator:	No
Undeclared Shipment:	No

A55 **55-90 47TH STREET** **HMIRS** **2005713008**
55-90 47TH STREET **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 54 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:

Report #:	2005020286
System ID:	807
Report type:	A
Incident site:	55-90 47TH STREET MASPETH, NY 11378
Incident county:	QUEENS
Incident country:	US
Incident date:	01/17/2005
Incident time:	1037
NRC report #:	0
Other fed agency reported to:	Not reported
Other agency report #:	Not reported
Incident foreign country:	Not reported
Transportation mode:	4
Transportation phase:	263
Carrier DOT ID:	265752
Carrier Hazmat ID:	062904001002M
Carrier name:	FEDEX GROUND PACKAGE SYSTEM IN
Carrier address:	1000 FEDEX DRIVE MOON TOWNSHIP, PA 15108
Carrier country:	US
Incident consequence:	Spillage
EMS/Fire crew responded:	False
EMS/Fire crew report #:	Not reported
Police responded:	False
Police report #:	Not reported
In-house cleanup occurred:	True
Other cleanup occurred:	False
Estimated damages exceed $500:	False
Value of material lost:	0
Value of carrier loss:	0
Value of pub/priv property loss:	0
Response cost:	0
Remediation cost:	0

Details of fatalities by vapor/fire/explosion of hazardous material:

Did Fatalities occur:	False

55-90 47TH STREET (Continued) **2005713008**

No. of employee fatalities: 0
No. of responder fatalities: 0
No. of public fatalities: 0

Details of fatalities not due to hazardous material:
Did fatalities occur: False
No. of dead persons: 0

Details of injuries due to hazardous material:
Did injuries occur: False
No. of employees hospitalized: 0
No. of employees not hospitalized: 0
No. of responders hospitalized: 0
No. of responders not hospitalized: 0
No. of public hospitalized: 0
No. of public not hospitalized: 0
Evacuation was required: False
No. of employees evacuated: 0
No. of public evacuated: 0
Total number evacuated: 0
Evacuation time in hours: 0
Road/facility was closed: False
No. of hours closed: 0
Hazmat invloved in crash/derailment: False
Estimated speed of crash: 0
Crash weather conditions: Not reported
Vehicle overturned: Not reported
Did vehicle leave road/track: Not reported
Where incident occurred/discovered: Not reported
Shipment handling details: Not reported

Incident report preparer details:
Preparer name: DENISE HANCHULAK
Preparer title: TSM MANAGER II - SAFETY
Hazmat registration ID: Not reported
Employer business name: FEDEX GROUND PACKAGE SYSTEM, INC
Address: 1000 FEDEX DRIVE
MOON TOWNSHIP, PA 15108
Country: US
Report date: 01/31/2005
Telephone: (412)859-5056
Fax: (412)859-5045
Business type: C
Preparer other function: Not reported

A56 **HMIRS** **2000120941**
55-90 47TH ST **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 55 of 159 in cluster A

Relative: Lower
Actual: 7 ft.

HMIRS:
Report #: 2000120941
Site location: 55-90 47TH ST
MASPETH, NY
Place of origin: 255 BLAIR ROAD
AVENEL, NJ 07001
Destination: AMANEFCER RANCHERO
ROOSEVELT AVE

(Continued) **2000120941**

	JACKSON HEIGHTS, NY 11378
Carrier ID:	92098
Carrier reporting #:	34-144-1019
Carrier:	FEDEX GROUND PACKAGE SYSTEM IN
Carrier address:	P O BOX 108
	PITTSBURGH, PA 152300108
Shipper ID:	24649
Shipper name:	ECO-LABS INC
Shipper address:	255 BLAIR ROAD
	AVENEL, NJ 07001
Shipping paper number:	007184110886655
Consignee ID:	80350
Consignee name:	AMANEFCER RANCHERO
Consignee addess:	ROOSEVELT AVE
	JACKSON HEIGHTS, NY 11378
General cause:	10
Transportation mode:	4
Date:	12/06/2000
Commodity name:	SODIUM HYDROXIDE SOLUTION
Trade name:	Not reported
Amount:	0. GAL
Result:	Spillage
Hazard Class:	80
ID Number:	UN1824
Hazardous:	False
R.Q. met:	False
Misc. info:	100 100
Vehicle Type:	Van truck/trailer
Trans. phase:	262
Land use:	272
Community:	281
Accident/Derailment:	False
Estimated speed:	F
Highway type:	999
number of lanes:	0
Number evacuated:	0
Major injuries:	0
Minor injuries:	0
Fatalities:	0
Product loss:	100
Carrier damage:	0
Pvt/Pub damage:	0
Cleanup cost:	25
Other damage:	0
Reported damage:	125
Incident damage:	0

Inner and Outer Container Information:

Container type:	JUG PLS
Container capacity:	2. GAL
Number failed:	1
Number in shipment:	1
Container gauge:	Not reported
Manufacture's ID:	24649
Manuf. name:	ECO-LABS INC
	AVENEL, NJ
Tank serial #:	Not reported

(Continued) **2000120941**

Label:	WHITE
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Loose fitting
Contributing Object:	No object
Contributing failure:	NO RESPONSE
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	0
Number failed code:	0
Shipment code number:	0
Container type:	4G
Container capacity:	2. GAL
Number failed:	1
Number in shipment:	1
Container gauge:	4G/Y17/S/96/
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER UNKNOWN, XX
Tank serial #:	Not reported
Label:	Not reported
Registration #:	M4172
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	WET
Contributing Object:	Water
Contributing failure:	NO RESPONSE
Affected side:	Bottom
Other contributing cause:	Package material
Capacity container code:	0
Number failed code:	0
Shipment code number:	0

Remarks:

THE PACKAGE WAS UNLOADED WITH LEAKAGE NOTED ON THE BOX. EXAMINATION OF THE INNER CONTAINER REVEALED THAT THE CONTAINER(S) HAD LOOSE CAP(S) AND LEAKED. THE LEAKAGE WAS CONTAINED. THE CAP(S) WERE SECURED. THE CARTON WAS WET BUT OTHERWISE UNDAMAGED. THE PACKAGE WAS REPACKED FOR RETURN TO SHIPPER.

A57 **55-90 47 TH ST** **HMIRS** **2009050643**
55-90 47 TH ST **N/A**
< 1/8 **FLUSHING, NY 11378**
1 ft.

Site 56 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:

Report Number:	X-2009060205
Report Source:	XML
Multiple Rows per Incident:	No
Report Type:	A hazardous material incident
Date of Incident:	6/2/2009
Time of Incident:	600
NRC Number:	Not reported
Fed DOT Agency Name:	Not reported
Fed DOT Report #:	Not reported

55-90 47 TH ST (Continued) **2009050643**

Incident City:	FLUSHING
Incident County:	Queen
Incident State:	NY
Incident Zip:	11378
Incident Non-US State:	Not reported
Incident Country:	US
Incident Route:	55-90 47 th st
Mode of Transportation:	Highway
Transportation Phase:	Unloading
Carrier/Reporter Name:	FEDEX GROUND PACKAGE SYSTEM INC
Carrier/Reporter Street:	1000 FEDEX DRIVE
Carrier/Reporter City:	MOON TOWNSHIP
Carrier/Reporter State:	PA
Carrier/Reporter Zip:	15108
Carrier/Reporter Non-US State:	Not reported
Carrier/Reporter FED DOT ID:	265752
Carrier/Reporter HAZMAT ID:	062904001002M
Carrier/Reporter Country:	US
Shipper Name:	ATLANTIC PLYWOOD
Shipper Street:	75 AMOR AVE
Shipper City:	CARLSTADT
Shipper State:	NJ
Shipper Zip:	7072
Shipper Non-US State:	Not reported
Shipper Country:	US
Waybill/Shipping Paper:	568686130190492
Shipper HAZMAT Registration ID:	Not reported
Origin City:	Not reported
Origin State:	Not reported
Origin Zip:	Not reported
Origin Non-US State:	Not reported
Origin Country:	Not reported
Destination City:	BRONX
Destination State:	NY
Destination Postal Code:	10453
Destination Non-US State:	Not reported
Destination Country:	US
Commodity Short Name:	PAINT OR PAINT RELATED
Commodity Long Name:	PAINT (including Paint Lacquer Enamel Stain Shellac Solutions Varnish Polish Liquid Filler and Liquid Lacquer Base) or PAINT RELATED MATERIAL (including Paint Thinning or Reducing Compound)
Technical/Trade Name:	Not reported
Identification Number:	UN1263
Hazardous Class Code:	3
Hazardous Class:	FLAMMABLE - COMBUSTIBLE LIQUID
Packing Group:	II
Quantity Released:	0.046875
Unit of Measure:	LGA
Unit of Measure Description:	Liquid - Gallon
HAZMAT Waste Indicator:	No
HAZMAT Waste EPA ID:	Not reported
HMIS Toxic by Inhalation:	No
TIH Hazard Zone:	Not reported
Material Shipment Approval:	No
Mat. Shipment Approval #:	Not reported
Undeclared HAZMAT Shipment:	No
Packaging Type:	Non-Bulk

55-90 47 TH ST (Continued) **2009050643**

What Failed Code:	109
What Failed Description:	Closure (e.g. Cap Top or Plug)
How Failed Code:	308
How Failed Description:	Leaked
Failure Cause Code:	526
Failure Cause Description:	Loose Closure Component or Device
Identification Markings:	Not reported
Cont1 Packaging Type:	Box
Cont1 Material of Construction:	Fiberboard
Cont1 Head Type:	Not reported
Cont1 Package Capacity:	Not reported
Cont1 Package Capacity UOM:	Not reported
Cont1 Package Amount:	Not reported
Cont1 Package Amount UOM:	Not reported
Cont1 Pkg Number:	Not reported
Cont1 Pkg Shipment # Failed:	Not reported
Cont1 Package Manufacturer:	Not reported
Cont1 Pkg Manufacturer Date:	Not reported
Cont1 Package Serial Number:	Not reported
Cont1 Package Last Test Date:	Not reported
Cont1 Test Material Of Const:	Not reported
Cont1 Pkg Dsign Pressure Rpted:	Not reported
Cont1 Dsign Pressure UOM Rpted:	Not reported
Cont1 Pkg Shell Thickness Rptd:	Not reported
Cont1 Shell Thickness UOM Rptd:	Not reported
Cont1 Head Thickness Reported:	Not reported
Cont1 Head Thickness UOM Rpted:	Not reported
Cont1 Pkg Srvc Pressure Rpted:	Not reported
Cont1 Srvc Pressure UOM Rpted:	Not reported
Cont1 Valve or Device Fail Ind:	No
Cont1 Valve or Device Type:	Not reported
Cont1 Val Device Manufacturer:	Not reported
Cont1 Valve or Device Model:	Not reported
Cont2 Package Type:	Can
Cont2 Material of Construction:	Metal (any type)
Cont2 Package Capacity:	Not reported
Cont2 Capacity UOM Reported:	Not reported
Cont2 Package Amount:	Not reported
Cont2 Package Amount UOM:	Not reported
Cont2 Pkg Number in Shipment:	Not reported
Cont2 Pkg Shipment # Failed:	Not reported
RAM Package Category:	Not reported
RAM Package Certification:	Not reported
RAM Package Certification #:	Not reported
RAM Nuclide(s) Present:	Not reported
RAM Transport Index:	Not reported
RAM UOM:	Not reported
RAM Activity Rpted:	Not reported
RAM UOM Rpted:	Not reported
RAM Activity:	Not reported
RAM Activity UOM:	Not reported
RAM Material Safety Index:	Not reported
Spillage (Ind:	Yes
Fire Ind:	No
Explosion Ind:	No
Water Sewer Ind:	No
Gas Dispersion Ind:	No

55-90 47 TH ST (Continued) **2009050643**

Environmental Damage:	No
No Release Ind:	No
Fire/EMS Report Ind:	No
Fire EMS/EMS Report #:	Not reported
Police Report Ind:	No
Police Report #:	Not reported
In-House Cleanup Ind:	No
Other Cleanup Ind:	Yes
Damage More Than 500:	No
Material Loss:	0
Carrier Damage:	0
Property Damage:	0
Response Cost:	0
Remediation Cleanup Cost:	0
Damage Other (Old Form):	0
Total Amount of Damages:	0
HAZMAT Fatality Indicator:	No
HAZMAT Fatalities Employees:	0
HAZMAT Fatalities Responders:	0
HAZMAT Fatality Gen. Public:	0
Hazmat Fatalities (Old Form):	0
Total Hazmat Fatalities:	0
Non_HAZMAT Fatality Indicator:	No
Non-HAZMAT Fatalities:	0
HAZMAT Injury Indicator:	No
HAZMAT Hospitalized Employees:	0
HAZMAT Hospitalized Responders:	0
HAZMAT Hospitalized Gen Public:	0
HAZMAT Hospitalized (Old Form):	0
Total Hazmat Hosp Injuries:	0
HAZMAT NonHosp Employees:	0
HAZMAT NonHosp Responders:	0
HAZMAT NonHosp Gen. Public:	0
HAZMAT NonHosp (Old Form):	0
Total Hazmat NonHosp Injuries:	0
Total Hazmat Injuries:	0
Evacuation Indicator:	No
Public Evacuated:	0
Employees Evacuated:	0
Total Evacuated:	0
Total Evacuation Hours:	0
Major Artery Closed:	No
Major Artery Hours Closed:	0
Material Involved in Accident:	No
Estimated Speed:	0
Weather Conditions:	Not reported
Vehicle Overturn:	No
Vehicle Left Roadway/Track:	No
Passenger Aircraft Indicator:	No
Cargo Passenger Baggage Ind:	Not reported
Incident Occurrence:	Not reported
Shipphase Non-Transported Ind:	No
Shipphase Air First Flight Ind:	No
Shipphase Air SubFlight Ind:	No
Shipphase Init Transport Ind:	No
Shipphase Transfer Indicator:	No
Contact Name:	Travis McEwen

55-90 47 TH ST (Continued) **2009050643**

Contact Title:	Safety Specialist III - Hazmat
Contact Business Name:	FEDEX GROUND PACKAGE SYSTEM INC
Contact Street:	1000 FEDEX DRIVE
Contact City:	MOON TOWNSHIP
Contact State:	PA
Contact Postal Code:	15108
Contact Non-US State:	Not reported
Contact Country:	US
Preparer of Incident Report:	Carrier
Description of Events:	The pail was dropped during handling causing leakage. The leakage was contained and the package was repacked. Undamaged product was returned to the shipper. The damaged product was properly disposed of in accordance with Federal Regulations.
Recommendations/Actions Taken:	Not reported
Recommendations/Actions:	Not reported
HMIS Serious Incident Ind:	No
HMIS Serious Fatality:	No
HMIS Serious Injury:	No
HMIS Serious Flight Plan:	No
HMIS Serious Evacuations:	No
HMIS Serious Major Artery:	No
HMIS Serious Bulk Release:	No
HMIS Serious Marine Pollutant:	No
HMIS Serious Radioactive:	No
HMIS General Package Type:	BOX FIBER
HMIS Container Code:	BOX FBR
HMIS Container Description:	Fiberboard box or carton
HMIS Bulk Incident Indicator:	No
Undeclared Shipment:	No

A58 **55-90 47TH ST** **HMIRS 2013002711**
55-90 47TH ST **N/A**
< 1/8 **MASPETH, NY 11378**
1 ft.

Site 57 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:

Report Number:	X-2013030044
Report Source:	XML
Multiple Rows per Incident:	No
Report Type:	A hazardous material incident
Date of Incident:	2013-02-05 00:00:00
Time of Incident:	0600
NRC Number:	Not reported
Fed DOT Agency Name:	Not reported
Fed DOT Report #:	Not reported
Incident City:	Maspeth
Incident County:	QUEENS
Incident State:	NY
Incident Zip:	11378
Incident Non-US State:	Not reported
Incident Country:	US
Incident Route:	55-90 47th st
Mode of Transportation:	Highway
Transportation Phase:	UNLOADING
Carrier/Reporter Name:	FEDEX GROUND PACKAGE SYSTEM INC.
Carrier/Reporter Street:	1000 FED EX DR
Carrier/Reporter City:	CORAOPOLIS

55-90 47TH ST (Continued) **2013002711**

Carrier/Reporter State:	Not reported
Carrier/Reporter Zip:	15108
Carrier/Reporter Non-US State:	PA
Carrier/Reporter FED DOT ID:	265752
Carrier/Reporter HAZMAT ID:	051910551007S
Carrier/Reporter Country:	UN
Shipper Name:	SUR-FIN CHEMICAL CORPORATION
Shipper Street:	1530 SPENCE ST
Shipper City:	LOS ANGELES
Shipper State:	Not reported
Shipper Zip:	90023
Shipper Non-US State:	CA
Shipper Country:	UNITED STATES
Waybill/Shipping Paper:	35049560048646
Shipper HAZMAT Registration ID:	Not reported
Origin City:	LOS ANGELES
Origin State:	CA
Origin Zip:	90023
Origin Non-US State:	Not reported
Origin Country:	US
Destination City:	LONG ISLAND CITY
Destination State:	NE
Destination Postal Code:	11106
Destination Non-US State:	Not reported
Destination Country:	US
Commodity Short Name:	CORROSIVE LIQUIDS N.O.S.
Commodity Long Name:	CORROSIVE LIQUIDS N.O.S.
Technical/Trade Name:	PAC 100
Identification Number:	UN1760
Hazardous Class Code:	8
Hazardous Class:	CORROSIVE MATERIAL
Packing Group:	III
Quantity Released:	0.50
Unit of Measure:	LGA
Unit of Measure Description:	Liquid - Gallon
HAZMAT Waste Indicator:	No
HAZMAT Waste EPA ID:	Not reported
HMIS Toxic by Inhalation:	No
TIH Hazard Zone:	Not reported
Material Shipment Approval:	No
Mat. Shipment Approval #:	Not reported
Undeclared HAZMAT Shipment:	No
Packaging Type:	Non-Bulk
What Failed Code:	109
What Failed Description:	Closure (e.g. Cap Top or Plug)
How Failed Code:	304
How Failed Description:	Cracked
Failure Cause Code:	511
Failure Cause Description:	Dropped
Identification Markings:	Not reported
Cont1 Packaging Type:	Box
Cont1 Material of Construction:	Fiberboard
Cont1 Head Type:	Not reported
Cont1 Package Capacity:	Not reported
Cont1 Package Capacity UOM:	Not reported
Cont1 Package Amount:	Not reported
Cont1 Package Amount UOM:	Not reported

55-90 47TH ST (Continued) **2013002711**

Cont1 Pkg Number:	Not reported
Cont1 Pkg Shipment # Failed:	Not reported
Cont1 Package Manufacturer:	Not reported
Cont1 Pkg Manufacturer Date:	Not reported
Cont1 Package Serial Number:	Not reported
Cont1 Package Last Test Date:	Not reported
Cont1 Test Material Of Const:	Not reported
Cont1 Pkg Dsign Pressure Rpted:	Not reported
Cont1 Dsign Pressure UOM Rpted:	Not reported
Cont1 Pkg Shell Thickness Rptd:	Not reported
Cont1 Shell Thickness UOM Rptd:	Not reported
Cont1 Head Thickness Reported:	Not reported
Cont1 Head Thickness UOM Rpted:	Not reported
Cont1 Pkg Srvc Pressure Rpted:	Not reported
Cont1 Srvc Pressure UOM Rpted:	Not reported
Cont1 Valve or Device Fail Ind:	No
Cont1 Valve or Device Type:	Not reported
Cont1 Val Device Manufacturer:	Not reported
Cont1 Valve or Device Model:	Not reported
Cont2 Package Type:	Bottle
Cont2 Material of Construction:	Plastic
Cont2 Package Capacity:	Not reported
Cont2 Capacity UOM Reported:	Not reported
Cont2 Package Amount:	Not reported
Cont2 Package Amount UOM:	Not reported
Cont2 Pkg Number in Shipment:	Not reported
Cont2 Pkg Shipment # Failed:	Not reported
RAM Package Category:	Not reported
RAM Package Certification:	FALSE
RAM Package Certification #:	Not reported
RAM Nuclide(s) Present:	Not reported
RAM Transport Index:	Not reported
RAM UOM:	Not reported
RAM Activity Rpted:	Not reported
RAM UOM Rpted:	Not reported
RAM Activity:	Not reported
RAM Activity UOM:	Not reported
RAM Material Safety Index:	Not reported
Spillage (Ind:	Yes
Fire Ind:	No
Explosion Ind:	No
Water Sewer Ind:	No
Gas Dispersion Ind:	No
Environmental Damage:	No
No Release Ind:	No
Fire/EMS Report Ind:	No
Fire EMS/EMS Report #:	Not reported
Police Report Ind:	No
Police Report #:	Not reported
In-House Cleanup Ind:	Yes
Other Cleanup Ind:	No
Damage More Than 500:	No
Material Loss:	0
Carrier Damage:	0
Property Damage:	0
Response Cost:	0
Remediation Cleanup Cost:	0

55-90 47TH ST (Continued) **2013002711**

Damage Other (Old Form):	0
Total Amount of Damages:	0
HAZMAT Fatality Indicator:	No
HAZMAT Fatalities Employees:	0
HAZMAT Fatalities Responders:	0
HAZMAT Fatality Gen. Public:	0
Hazmat Fatalities (Old Form):	0
Total Hazmat Fatalities:	Not reported
Non_HAZMAT Fatality Indicator:	No
Non-HAZMAT Fatalities:	0
HAZMAT Injury Indicator:	No
HAZMAT Hospitalized Employees:	0
HAZMAT Hospitalized Responders:	0
HAZMAT Hospitalized Gen Public:	0
HAZMAT Hospitalized (Old Form):	0
Total Hazmat Hosp Injuries:	0
HAZMAT NonHosp Employees:	0
HAZMAT NonHosp Responders:	0
HAZMAT NonHosp Gen. Public:	0
HAZMAT NonHosp (Old Form):	0
Total Hazmat NonHosp Injuries:	0
Total Hazmat Injuries:	0
Evacuation Indicator:	No
Public Evacuated:	0
Employees Evacuated:	0
Total Evacuated:	0
Total Evacuation Hours:	0
Major Artery Closed:	No
Major Artery Hours Closed:	0
Material Involved in Accident:	No
Estimated Speed:	0
Weather Conditions:	Not reported
Vehicle Overturn:	No
Vehicle Left Roadway/Track:	No
Passenger Aircraft Indicator:	No
Cargo Passenger Baggage Ind:	Not reported
Incident Occurrence:	Not reported
Shipphase Non-Transported Ind:	No
Shipphase Air First Flight Ind:	No
Shipphase Air SubFlight Ind:	No
Shipphase Init Transport Ind:	No
Shipphase Transfer Indicator:	Not reported
Contact Name:	GEORGE FETSKO
Contact Title:	SAFETY PROCESS SPECIALIST I - HAZMAT
Contact Business Name:	Fedex Ground Package System Inc.
Contact Street:	1000 Fedex Drive
Contact City:	Moon Township
Contact State:	PA
Contact Postal Code:	15108
Contact Non-US State:	Not reported
Contact Country:	US
Preparer of Incident Report:	Carrier
Description of Events:	The package was dropped in handling. Examination of the inner container revealed a ruptured seam which allowed the contents to escape. The leakage was contained. The undamaged portion of the package was repacked for return to shipper.
Recommendations/Actions Taken:	Not reported

55-90 47TH ST (Continued) **2013002711**

Recommendations/Actions:	Not reported
HMIS Serious Incident Ind:	No
HMIS Serious Fatality:	No
HMIS Serious Injury:	No
HMIS Serious Flight Plan:	No
HMIS Serious Evacuations:	No
HMIS Serious Major Artery:	No
HMIS Serious Bulk Release:	No
HMIS Serious Marine Pollutant:	No
HMIS Serious Radioactive:	No
HMIS General Package Type:	OHMIR.Ref_Container.descr
HMIS Container Code:	BOX FBR
HMIS Container Description:	Not reported
HMIS Bulk Incident Indicator:	No
Undeclared Shipment:	No

A59 **55-90 47TH ST** **HMIRS** **2007435734**
55-90 47TH ST **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 58 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:

Report #:	2006070212
System ID:	411173
Report type:	A
Incident site:	55-90 47th st MASPETH, NY 11378
Incident county:	queens
Incident country:	US
Incident date:	06/19/06
Incident time:	1534
NRC report #:	0
Other fed agency reported to:	Not reported
Other agency report #:	Not reported
Incident foreign country:	Not reported
Transportation mode:	4
Transportation phase:	262
Carrier DOT ID:	265752
Carrier Hazmat ID:	062904001002M
Carrier name:	Fedex Ground Package System, Inc.
Carrier address:	1000 Fedex Drive MOON TOWNSHIP, PA 15108
Carrier country:	US
Incident consequence:	Spillage
EMS/Fire crew responded:	Not reported
EMS/Fire crew report #:	Not reported
Police responded:	Not reported
Police report #:	Not reported
In-house cleanup occurred:	True
Other cleanup occurred:	Not reported
Estimated damages exceed $500:	False
Value of material lost:	0
Value of carrier loss:	0
Value of pub/priv property loss:	0
Response cost:	0
Remediation cost:	0

55-90 47TH ST (Continued) **2007435734**

Details of fatalities by vapor/fire/explosion of hazardous material:

Did Fatalities occur:	False
No. of employee fatalities:	0
No. of responder fatalities:	0
No. of public fatalities:	0

Details of fatalities not due to hazardous material:

Did fatalities occur:	Not reported
No. of dead persons:	0

Details of injuries due to hazardous material:

Did injuries occur:	False
No. of employees hospitalized:	0
No. of employees not hospitalized:	0
No. of responders hospitalized:	0
No. of responders not hospitalized:	0
No. of public hospitalized:	0
No. of public not hospitalized:	0
Evacuation was required:	False
No. of employees evacuated:	0
No. of public evacuated:	0
Total number evacuated:	0
Evacuation time in hours:	0
Road/facility was closed:	False
No. of hours closed:	0
Hazmat invloved in crash/derailment:	False
Estimated speed of crash:	0
Crash weather conditions:	Not reported
Vehicle overturned:	Not reported
Did vehicle leave road/track:	Not reported
Where incident occurred/discovered:	Not reported
Shipment handling details:	Not reported

Incident report preparer details:

Preparer name:	Scott Kerr
Preparer title:	TSM Manager II - Safety
Hazmat registration ID:	062904001002M
Employer business name:	Fedex Ground Package System, Inc.
Address:	1000 Fedex Drive MOON TOWNSHIP, PA 15108
Country:	US
Report date:	07/11/06
Telephone:	412-859-5051
Fax:	412-859-5045
Business type:	C
Preparer other function:	Not reported

A60 **HMIRS** **20015803**
55-90 47TH ST **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 59 of 159 in cluster A

Relative: HMIRS:
Lower

Actual: Report #:	2001080683
7 ft. Site location:	55-90 47TH ST MASPETH, NY
Place of origin:	52-02 GRAND AVE MASPETH, NY 11378

(Continued) **20015803**

Destination:	APS PHARMCO 52-02 GRAND AVE MASPETH, NY 11378
Carrier ID:	92098
Carrier reporting #:	34-144-1019
Carrier:	FEDEX GROUND PACKAGE SYSTEM IN
Carrier address:	P O BOX 108 PITTSBURGH, PA 152300108
Shipper ID:	99357
Shipper name:	APS PHARMCO
Shipper address:	52-02 GRAND AVE MASPETH, NY 11378
Shipping paper number:	066929800026392
Consignee ID:	99357
Consignee name:	APS PHARMCO
Consignee addess:	52-02 GRAND AVE MASPETH, NY 11378
General cause:	10
Transportation mode:	4
Date:	08/03/2001
Commodity name:	ISOPROPANOL
Trade name:	Not reported
Amount:	0.26 GAL
Result:	Spillage
Hazard Class:	30
ID Number:	UN1219
Hazardous:	False
R.Q. met:	False
Misc. info:	100 100
Vehicle Type:	Van truck/trailer
Trans. phase:	263
Land use:	271
Community:	281
Accident/Derailment:	False
Estimated speed:	F
Highway type:	999
number of lanes:	0
Number evacuated:	0
Major injuries:	0
Minor injuries:	0
Fatalities:	0
Product loss:	100
Carrier damage:	0
Pvt/Pub damage:	0
Cleanup cost:	25
Other damage:	0
Reported damage:	125
Incident damage:	0

Inner and Outer Container Information:

Container type:	CAN MTL
Container capacity:	4.00 GAL
Number failed:	1
Number in shipment:	1
Container gauge:	Not reported
Manufacture's ID:	99357
Manuf. name:	APS PHARMCO

(Continued) **20015803**

MASPETH, NY
Tank serial #: Not reported
Label: RED
Registration #: Not reported
Inspection date: / /
Exemption #: Not reported
Contributing cause: Loose fitting
Contributing Object: No object
Contributing failure: LEAKED
Affected side: Top
Other contributing cause: Closure
Capacity container code: 0
Number failed code: 0
Shipment code number: 0
Container type: BOX FBR
Container capacity: 4.00 GAL
Number failed: 1
Number in shipment: 1
Container gauge: Not reported
Manufacture's ID: 16222
Manuf. name: NOT REPORTED BY CARRIER
UNKNOWN, XX
Tank serial #: Not reported
Label: Not reported
Registration #: Not reported
Inspection date: / /
Exemption #: Not reported
Contributing cause: WET
Contributing Object: Water
Contributing failure: WET
Affected side: Bottom
Other contributing cause: Package material
Capacity container code: 0
Number failed code: 0
Shipment code number: 0

Remarks:

THE PACKAGE WAS UNLOADED WITH LEAKAGE NOTED ON THE BOX. EXAMINATION OF THE
INNER CONTAINER REVEALED THAT THE CONTAINER(S) HAD LOOSE CAP(S) AND LEAKED.
THE LEAKAGE WAS CONTAINED. THE CAP(S) WERE SECURED. THE CARTON WAS WET
BUT OTHERWISE UNDAMAGED. THE PACKAGE WAS REPACKED FOR RETURN TO SHIPPER.

A61 **55 -90 47TH ST** **HMIRS** **2007432969**
55 -90 47TH ST **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 60 of 159 in cluster A

Relative: HMIRS:
Lower Report #: 2006050145
System ID: 408196
Actual: Report type: A
7 ft. Incident site: 55 -90 47th st

55 -90 47TH ST (Continued) **2007432969**

	MASPETH, NY 11378
Incident county:	queens
Incident country:	US
Incident date:	03/29/06
Incident time:	1345
NRC report #:	0
Other fed agency reported to:	Not reported
Other agency report #:	Not reported
Incident foreign country:	Not reported
Transportation mode:	4
Transportation phase:	263
Carrier DOT ID:	265752
Carrier Hazmat ID:	062904001002M
Carrier name:	Fedex Ground Package System, Inc.
Carrier address:	1000 Fedex Drive
	MOON TOWNSHIP, PA 15108
Carrier country:	US
Incident consequence:	Spillage
EMS/Fire crew responded:	Not reported
EMS/Fire crew report #:	Not reported
Police responded:	Not reported
Police report #:	Not reported
In-house cleanup occurred:	True
Other cleanup occurred:	Not reported
Estimated damages exceed $500:	False
Value of material lost:	0
Value of carrier loss:	0
Value of pub/priv property loss:	0
Response cost:	0
Remediation cost:	0

Details of fatalities by vapor/fire/explosion of hazardous material:

Did Fatalities occur:	False
No. of employee fatalities:	0
No. of responder fatalities:	0
No. of public fatalities:	0

Details of fatalities not due to hazardous material:

Did fatalities occur:	Not reported
No. of dead persons:	0

Details of injuries due to hazardous material:

Did injuries occur:	False
No. of employees hospitalized:	0
No. of employees not hospitalized:	0
No. of responders hospitalized:	0
No. of responders not hospitalized:	0
No. of public hospitalized:	0
No. of public not hospitalized:	0
Evacuation was required:	False
No. of employees evacuated:	0
No. of public evacuated:	0
Total number evacuated:	0
Evacuation time in hours:	0
Road/facility was closed:	False
No. of hours closed:	0
Hazmat invloved in crash/derailment:	False
Estimated speed of crash:	0

55 -90 47TH ST (Continued) **2007432969**

Crash weather conditions:	Not reported
Vehicle overturned:	Not reported
Did vehicle leave road/track:	Not reported
Where incident occurred/discovered:	Not reported
Shipment handling details:	Not reported

Incident report preparer details:

Preparer name:	Denise Hanchulak
Preparer title:	TSM Manager II - Safety
Hazmat registration ID:	062904001002M
Employer business name:	Fedex Ground Package System, Inc.
Address:	1000 Fedex Drive
	MOON TOWNSHIP, PA 15108
Country:	US
Report date:	05/16/06
Telephone:	412-859-5056
Fax:	412-859-5045
Business type:	C
Preparer other function:	Not reported

A62 **55-90 47TH STREET** **HMIRS** **2010108534**
55-90 47TH STREET **N/A**
< 1/8 **MASPETH, NY 11378**
1 ft.

Site 61 of 159 in cluster A

Relative: HMIRS:
Lower

Actual: **7 ft.**

Report Number:	X-2010090416
Report Source:	XML
Multiple Rows per Incident:	No
Report Type:	A hazardous material incident
Date of Incident:	9/8/2010
Time of Incident:	600
NRC Number:	Not reported
Fed DOT Agency Name:	Not reported
Fed DOT Report #:	Not reported
Incident City:	MASPETH
Incident County:	Queen
Incident State:	NY
Incident Zip:	11378
Incident Non-US State:	Not reported
Incident Country:	US
Incident Route:	55-90 47th street
Mode of Transportation:	Highway
Transportation Phase:	Unloading
Carrier/Reporter Name:	FEDEX GROUND PACKAGE SYSTEM INC
Carrier/Reporter Street:	1000 FEDEX DRIVE
Carrier/Reporter City:	MOON TOWNSHIP
Carrier/Reporter State:	PA
Carrier/Reporter Zip:	15108
Carrier/Reporter Non-US State:	Not reported
Carrier/Reporter FED DOT ID:	265752
Carrier/Reporter HAZMAT ID:	051910551007S
Carrier/Reporter Country:	US
Shipper Name:	FIRST ALERT/ SHIPPING
Shipper Street:	25A SPUR DR
Shipper City:	EL PASO
Shipper State:	TX

55-90 47TH STREET (Continued) **2010108534**

Shipper Zip:	79906
Shipper Non-US State:	Not reported
Shipper Country:	US
Waybill/Shipping Paper:	79909930709291
Shipper HAZMAT Registration ID:	Not reported
Origin City:	Not reported
Origin State:	Not reported
Origin Zip:	Not reported
Origin Non-US State:	Not reported
Origin Country:	US
Destination City:	BROOKLYN
Destination State:	NY
Destination Postal Code:	11230
Destination Non-US State:	Not reported
Destination Country:	US
Commodity Short Name:	FIRE EXTINGUISHERS
Commodity Long Name:	FIRE EXTINGUISHERS containing compressed or liquefied gas
Technical/Trade Name:	Not reported
Identification Number:	UN1044
Hazardous Class Code:	2.2
Hazardous Class:	NONFLAMMABLE COMPRESSED GAS
Packing Group:	Not reported
Quantity Released:	4
Unit of Measure:	SLB
Unit of Measure Description:	Solid - Pound
HAZMAT Waste Indicator:	No
HAZMAT Waste EPA ID:	Not reported
HMIS Toxic by Inhalation:	No
TIH Hazard Zone:	Not reported
Material Shipment Approval:	No
Mat. Shipment Approval #:	Not reported
Undeclared HAZMAT Shipment:	No
Packaging Type:	Non-Bulk
What Failed Code:	109
What Failed Description:	Closure (e.g. Cap Top or Plug)
How Failed Code:	304
How Failed Description:	Cracked
Failure Cause Code:	526
Failure Cause Description:	Loose Closure Component or Device
Identification Markings:	Not reported
Cont1 Packaging Type:	Box
Cont1 Material of Construction:	Fiberboard
Cont1 Head Type:	Not reported
Cont1 Package Capacity:	Not reported
Cont1 Package Capacity UOM:	Not reported
Cont1 Package Amount:	Not reported
Cont1 Package Amount UOM:	Not reported
Cont1 Pkg Number:	Not reported
Cont1 Pkg Shipment # Failed:	Not reported
Cont1 Package Manufacturer:	Not reported
Cont1 Pkg Manufacturer Date:	Not reported
Cont1 Package Serial Number:	Not reported
Cont1 Package Last Test Date:	Not reported
Cont1 Test Material Of Const:	Not reported
Cont1 Pkg Dsign Pressure Rpted:	Not reported
Cont1 Dsign Pressure UOM Rpted:	Not reported
Cont1 Pkg Shell Thickness Rptd:	Not reported

55-90 47TH STREET (Continued) **2010108534**

Cont1 Shell Thickness UOM Rptd:	Not reported
Cont1 Head Thickness Reported:	Not reported
Cont1 Head Thickness UOM Rpted:	Not reported
Cont1 Pkg Srvc Pressure Rpted:	Not reported
Cont1 Srvc Pressure UOM Rpted:	Not reported
Cont1 Valve or Device Fail Ind:	No
Cont1 Valve or Device Type:	Not reported
Cont1 Val Device Manufacturer:	Not reported
Cont1 Valve or Device Model:	Not reported
Cont2 Package Type:	Cylinder
Cont2 Material of Construction:	Metal (any type)
Cont2 Package Capacity:	Not reported
Cont2 Capacity UOM Reported:	Not reported
Cont2 Package Amount:	Not reported
Cont2 Package Amount UOM:	Not reported
Cont2 Pkg Number in Shipment:	Not reported
Cont2 Pkg Shipment # Failed:	Not reported
RAM Package Category:	Not reported
RAM Package Certification:	Not reported
RAM Package Certification #:	Not reported
RAM Nuclide(s) Present:	Not reported
RAM Transport Index:	Not reported
RAM UOM:	Not reported
RAM Activity Rpted:	Not reported
RAM UOM Rpted:	Not reported
RAM Activity:	Not reported
RAM Activity UOM:	Not reported
RAM Material Safety Index:	Not reported
Spillage (Ind:	Yes
Fire Ind:	No
Explosion Ind:	No
Water Sewer Ind:	No
Gas Dispersion Ind:	No
Environmental Damage:	No
No Release Ind:	No
Fire/EMS Report Ind:	No
Fire EMS/EMS Report #:	Not reported
Police Report Ind:	No
Police Report #:	Not reported
In-House Cleanup Ind:	Yes
Other Cleanup Ind:	No
Damage More Than 500:	No
Material Loss:	0
Carrier Damage:	0
Property Damage:	0
Response Cost:	0
Remediation Cleanup Cost:	0
Damage Other (Old Form):	0
Total Amount of Damages:	0
HAZMAT Fatality Indicator:	No
HAZMAT Fatalities Employees:	0
HAZMAT Fatalities Responders:	0
HAZMAT Fatality Gen. Public:	0
Hazmat Fatalities (Old Form):	0
Total Hazmat Fatalities:	0
Non_HAZMAT Fatality Indicator:	No
Non-HAZMAT Fatalities:	0

55-90 47TH STREET (Continued) **2010108534**

HAZMAT Injury Indicator:	No
HAZMAT Hospitalized Employees:	0
HAZMAT Hospitalized Responders:	0
HAZMAT Hospitalized Gen Public:	0
HAZMAT Hospitalized (Old Form):	0
Total Hazmat Hosp Injuries:	0
HAZMAT NonHosp Employees:	0
HAZMAT NonHosp Responders:	0
HAZMAT NonHosp Gen. Public:	0
HAZMAT NonHosp (Old Form):	0
Total Hazmat NonHosp Injuries:	0
Total Hazmat Injuries:	0
Evacuation Indicator:	No
Public Evacuated:	0
Employees Evacuated:	0
Total Evacuated:	0
Total Evacuation Hours:	0
Major Artery Closed:	No
Major Artery Hours Closed:	0
Material Involved in Accident:	No
Estimated Speed:	0
Weather Conditions:	Not reported
Vehicle Overturn:	No
Vehicle Left Roadway/Track:	No
Passenger Aircraft Indicator:	No
Cargo Passenger Baggage Ind:	Not reported
Incident Occurrence:	Not reported
Shipphase Non-Transported Ind:	No
Shipphase Air First Flight Ind:	No
Shipphase Air SubFlight Ind:	No
Shipphase Init Transport Ind:	No
Shipphase Transfer Indicator:	No
Contact Name:	George Fetsko
Contact Title:	Safety Process Specialist I - Hazmat
Contact Business Name:	FEDEX GROUND PACKAGE SYSTEM INC
Contact Street:	1000 FEDEX DRIVE
Contact City:	MOON TOWNSHIP
Contact State:	PA
Contact Postal Code:	15108
Contact Non-US State:	Not reported
Contact Country:	US
Preparer of Incident Report:	Carrier
Description of Events:	The package was unloaded with leakage noted on the box. Examination of the inner container revealed that the Fire Extinguisher(s) had a loose pin(s) with allowed leakage. The pin(s) were secured. The package was repacked for return to shipper.
Recommendations/Actions Taken:	Not reported
Recommendations/Actions:	Not reported
HMIS Serious Incident Ind:	No
HMIS Serious Fatality:	No
HMIS Serious Injury:	No
HMIS Serious Flight Plan:	No
HMIS Serious Evacuations:	No
HMIS Serious Major Artery:	No
HMIS Serious Bulk Release:	No
HMIS Serious Marine Pollutant:	No
HMIS Serious Radioactive:	No

55-90 47TH STREET (Continued) **2010108534**

HMIS General Package Type:	BOX FIBER
HMIS Container Code:	BOX FBR
HMIS Container Description:	Fiberboard box or carton
HMIS Bulk Incident Indicator:	No
Undeclared Shipment:	No

A63 **55-90 47TH STREET** **HMIRS** **2009058646**
55-90 47TH STREET **N/A**
< 1/8 **FLUSHING, NY 11378**
1 ft.

Site 62 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:

Report Number:	X-2009110063
Report Source:	XML
Multiple Rows per Incident:	No
Report Type:	A hazardous material incident
Date of Incident:	10/14/2009
Time of Incident:	600
NRC Number:	Not reported
Fed DOT Agency Name:	Not reported
Fed DOT Report #:	Not reported
Incident City:	FLUSHING
Incident County:	Queen
Incident State:	NY
Incident Zip:	11378
Incident Non-US State:	Not reported
Incident Country:	US
Incident Route:	55-90 47th street
Mode of Transportation:	Highway
Transportation Phase:	Unloading
Carrier/Reporter Name:	FEDEX GROUND PACKAGE SYSTEM INC
Carrier/Reporter Street:	1000 FEDEX DRIVE
Carrier/Reporter City:	MOON TOWNSHIP
Carrier/Reporter State:	PA
Carrier/Reporter Zip:	15108
Carrier/Reporter Non-US State:	Not reported
Carrier/Reporter FED DOT ID:	265752
Carrier/Reporter HAZMAT ID:	051909552054R
Carrier/Reporter Country:	US
Shipper Name:	ATLANTIC PLYWOOD
Shipper Street:	75 AMOR AVENUE
Shipper City:	CARLSTADT
Shipper State:	NJ
Shipper Zip:	7072
Shipper Non-US State:	Not reported
Shipper Country:	US
Waybill/Shipping Paper:	568686130204847
Shipper HAZMAT Registration ID:	Not reported
Origin City:	Not reported
Origin State:	Not reported
Origin Zip:	Not reported
Origin Non-US State:	Not reported
Origin Country:	Not reported
Destination City:	BROOKLYN
Destination State:	NY
Destination Postal Code:	11208
Destination Non-US State:	Not reported

55-90 47TH STREET (Continued) **2009058646**

Destination Country:	US
Commodity Short Name:	PAINT OR PAINT RELATED
Commodity Long Name:	PAINT (including Paint Lacquer Enamel Stain Shellac Solutions Varnish Polish Liquid Filler and Liquid Lacquer Base) or PAINT RELATED MATERIAL (including Paint Thinning or Reducing Compound)
Technical/Trade Name:	Not reported
Identification Number:	UN1263
Hazardous Class Code:	3
Hazardous Class:	FLAMMABLE - COMBUSTIBLE LIQUID
Packing Group:	II
Quantity Released:	0.25
Unit of Measure:	LGA
Unit of Measure Description:	Liquid - Gallon
HAZMAT Waste Indicator:	No
HAZMAT Waste EPA ID:	Not reported
HMIS Toxic by Inhalation:	No
TIH Hazard Zone:	Not reported
Material Shipment Approval:	No
Mat. Shipment Approval #:	Not reported
Undeclared HAZMAT Shipment:	No
Packaging Type:	Non-Bulk
What Failed Code:	109
What Failed Description:	Closure (e.g. Cap Top or Plug)
How Failed Code:	308
How Failed Description:	Leaked
Failure Cause Code:	526
Failure Cause Description:	Loose Closure Component or Device
Identification Markings:	4G/Y.7.5/S/09USA/+AX5351
Cont1 Packaging Type:	Not reported
Cont1 Material of Construction:	Not reported
Cont1 Head Type:	Not reported
Cont1 Package Capacity:	Not reported
Cont1 Package Capacity UOM:	Not reported
Cont1 Package Amount:	Not reported
Cont1 Package Amount UOM:	Not reported
Cont1 Pkg Number:	Not reported
Cont1 Pkg Shipment # Failed:	Not reported
Cont1 Package Manufacturer:	Not reported
Cont1 Pkg Manufacturer Date:	Not reported
Cont1 Package Serial Number:	Not reported
Cont1 Package Last Test Date:	Not reported
Cont1 Test Material Of Const:	Not reported
Cont1 Pkg Dsign Pressure Rpted:	Not reported
Cont1 Dsign Pressure UOM Rpted:	Not reported
Cont1 Pkg Shell Thickness Rptd:	Not reported
Cont1 Shell Thickness UOM Rptd:	Not reported
Cont1 Head Thickness Reported:	Not reported
Cont1 Head Thickness UOM Rpted:	Not reported
Cont1 Pkg Srvc Pressure Rpted:	Not reported
Cont1 Srvc Pressure UOM Rpted:	Not reported
Cont1 Valve or Device Fail Ind:	No
Cont1 Valve or Device Type:	Not reported
Cont1 Val Device Manufacturer:	Not reported
Cont1 Valve or Device Model:	Not reported
Cont2 Package Type:	Not reported
Cont2 Material of Construction:	Not reported
Cont2 Package Capacity:	Not reported

55-90 47TH STREET (Continued) **2009058646**

Cont2 Capacity UOM Reported:	Not reported
Cont2 Package Amount:	Not reported
Cont2 Package Amount UOM:	Not reported
Cont2 Pkg Number in Shipment:	Not reported
Cont2 Pkg Shipment # Failed:	Not reported
RAM Package Category:	Not reported
RAM Package Certification:	Not reported
RAM Package Certification #:	Not reported
RAM Nuclide(s) Present:	Not reported
RAM Transport Index:	Not reported
RAM UOM:	Not reported
RAM Activity Rpted:	Not reported
RAM UOM Rpted:	Not reported
RAM Activity:	Not reported
RAM Activity UOM:	Not reported
RAM Material Safety Index:	Not reported
Spillage (Ind:	Yes
Fire Ind:	No
Explosion Ind:	No
Water Sewer Ind:	No
Gas Dispersion Ind:	No
Environmental Damage:	No
No Release Ind:	No
Fire/EMS Report Ind:	No
Fire EMS/EMS Report #:	Not reported
Police Report Ind:	No
Police Report #:	Not reported
In-House Cleanup Ind:	Yes
Other Cleanup Ind:	No
Damage More Than 500:	No
Material Loss:	0
Carrier Damage:	0
Property Damage:	0
Response Cost:	0
Remediation Cleanup Cost:	0
Damage Other (Old Form):	0
Total Amount of Damages:	0
HAZMAT Fatality Indicator:	No
HAZMAT Fatalities Employees:	0
HAZMAT Fatalities Responders:	0
HAZMAT Fatality Gen. Public:	0
Hazmat Fatalities (Old Form):	0
Total Hazmat Fatalities:	0
Non_HAZMAT Fatality Indicator:	No
Non-HAZMAT Fatalities:	0
HAZMAT Injury Indicator:	No
HAZMAT Hospitalized Employees:	0
HAZMAT Hospitalized Responders:	0
HAZMAT Hospitalized Gen Public:	0
HAZMAT Hospitalized (Old Form):	0
Total Hazmat Hosp Injuries:	0
HAZMAT NonHosp Employees:	0
HAZMAT NonHosp Responders:	0
HAZMAT NonHosp Gen. Public:	0
HAZMAT NonHosp (Old Form):	0
Total Hazmat NonHosp Injuries:	0
Total Hazmat Injuries:	0

55-90 47TH STREET (Continued) **2009058646**

Evacuation Indicator:	No
Public Evacuated:	0
Employees Evacuated:	0
Total Evacuated:	0
Total Evacuation Hours:	0
Major Artery Closed:	No
Major Artery Hours Closed:	0
Material Involved in Accident:	No
Estimated Speed:	0
Weather Conditions:	Not reported
Vehicle Overturn:	No
Vehicle Left Roadway/Track:	No
Passenger Aircraft Indicator:	No
Cargo Passenger Baggage Ind:	Not reported
Incident Occurrence:	Not reported
Shipphase Non-Transported Ind:	No
Shipphase Air First Flight Ind:	No
Shipphase Air SubFlight Ind:	No
Shipphase Init Transport Ind:	No
Shipphase Transfer Indicator:	No
Contact Name:	Travis McEwen
Contact Title:	Safety Specialist III - Hazmat
Contact Business Name:	FEDEX GROUND PACKAGE SYSTEM INC
Contact Street:	1000 FEDEX DRIVE
Contact City:	MOON TOWNSHIP
Contact State:	PA
Contact Postal Code:	15108
Contact Non-US State:	Not reported
Contact Country:	US
Preparer of Incident Report:	Carrier
Description of Events:	The pail was unloaded with leakage noted. Examination of the pail revealed the pail had a loose cap/lid and leaked. The leakage was contained. The cap/lid was secured. Undamaged product was returned to the shipper. The damaged product was properly disposed of in accordance with Federal Regulations.
Recommendations/Actions Taken:	Not reported
Recommendations/Actions:	Not reported
HMIS Serious Incident Ind:	No
HMIS Serious Fatality:	No
HMIS Serious Injury:	No
HMIS Serious Flight Plan:	No
HMIS Serious Evacuations:	No
HMIS Serious Major Artery:	No
HMIS Serious Bulk Release:	No
HMIS Serious Marine Pollutant:	No
HMIS Serious Radioactive:	No
HMIS General Package Type:	BOX FIBER
HMIS Container Code:	4G
HMIS Container Description:	Fiberboard box
HMIS Bulk Incident Indicator:	No
Undeclared Shipment:	No

A64 **55-90 47TH ST** **HMIRS** **2009050584**
55-90 47TH ST **N/A**
< 1/8 **FLUSHING, NY 11378**
1 ft.

Site 63 of 159 in cluster A

Relative: HMIRS:
Lower

Actual:
7 ft.

Report Number:	X-2009050114
Report Source:	XML
Multiple Rows per Incident:	No
Report Type:	A hazardous material incident
Date of Incident:	4/20/2009
Time of Incident:	600
NRC Number:	Not reported
Fed DOT Agency Name:	Not reported
Fed DOT Report #:	Not reported
Incident City:	FLUSHING
Incident County:	Queen
Incident State:	NY
Incident Zip:	11378
Incident Non-US State:	Not reported
Incident Country:	US
Incident Route:	55-90 47th st
Mode of Transportation:	Highway
Transportation Phase:	Unloading
Carrier/Reporter Name:	FEDEX GROUND PACKAGE SYSTEM INC
Carrier/Reporter Street:	1000 FEDEX DRIVE
Carrier/Reporter City:	MOON TOWNSHIP
Carrier/Reporter State:	PA
Carrier/Reporter Zip:	15108
Carrier/Reporter Non-US State:	Not reported
Carrier/Reporter FED DOT ID:	265752
Carrier/Reporter HAZMAT ID:	062904001002M
Carrier/Reporter Country:	US
Shipper Name:	ESSCHEM CO
Shipper Street:	4000 COLUMBIA AVE
Shipper City:	BOOTHWYN
Shipper State:	PA
Shipper Zip:	19061
Shipper Non-US State:	Not reported
Shipper Country:	US
Waybill/Shipping Paper:	6821160507875
Shipper HAZMAT Registration ID:	Not reported
Origin City:	Not reported
Origin State:	Not reported
Origin Zip:	Not reported
Origin Non-US State:	Not reported
Origin Country:	Not reported
Destination City:	ASTORIA
Destination State:	NY
Destination Postal Code:	11106
Destination Non-US State:	Not reported
Destination Country:	US
Commodity Short Name:	METHYL METHACRYLATE INHIB
Commodity Long Name:	METHYL METHACRYLATE MONOMER INHIBITED
Technical/Trade Name:	Not reported
Identification Number:	UN1247
Hazardous Class Code:	3
Hazardous Class:	FLAMMABLE - COMBUSTIBLE LIQUID

55-90 47TH ST (Continued) **2009050584**

Packing Group:	II
Quantity Released:	0.070312
Unit of Measure:	LGA
Unit of Measure Description:	Liquid - Gallon
HAZMAT Waste Indicator:	No
HAZMAT Waste EPA ID:	Not reported
HMIS Toxic by Inhalation:	No
TIH Hazard Zone:	Not reported
Material Shipment Approval:	No
Mat. Shipment Approval #:	Not reported
Undeclared HAZMAT Shipment:	No
Packaging Type:	Non-Bulk
What Failed Code:	109
What Failed Description:	Closure (e.g. Cap Top or Plug)
How Failed Code:	308
How Failed Description:	Leaked
Failure Cause Code:	526
Failure Cause Description:	Loose Closure Component or Device
Identification Markings:	4G/Y5.4 /S/02USA/+AZ0092
Cont1 Packaging Type:	Not reported
Cont1 Material of Construction:	Not reported
Cont1 Head Type:	Not reported
Cont1 Package Capacity:	Not reported
Cont1 Package Capacity UOM:	Not reported
Cont1 Package Amount:	Not reported
Cont1 Package Amount UOM:	Not reported
Cont1 Pkg Number:	Not reported
Cont1 Pkg Shipment # Failed:	Not reported
Cont1 Package Manufacturer:	Not reported
Cont1 Pkg Manufacturer Date:	Not reported
Cont1 Package Serial Number:	Not reported
Cont1 Package Last Test Date:	Not reported
Cont1 Test Material Of Const:	Not reported
Cont1 Pkg Dsign Pressure Rpted:	Not reported
Cont1 Dsign Pressure UOM Rpted:	Not reported
Cont1 Pkg Shell Thickness Rptd:	Not reported
Cont1 Shell Thickness UOM Rptd:	Not reported
Cont1 Head Thickness Reported:	Not reported
Cont1 Head Thickness UOM Rpted:	Not reported
Cont1 Pkg Srvc Pressure Rpted:	Not reported
Cont1 Srvc Pressure UOM Rpted:	Not reported
Cont1 Valve or Device Fail Ind:	No
Cont1 Valve or Device Type:	Not reported
Cont1 Val Device Manufacturer:	Not reported
Cont1 Valve or Device Model:	Not reported
Cont2 Package Type:	Not reported
Cont2 Material of Construction:	Not reported
Cont2 Package Capacity:	Not reported
Cont2 Capacity UOM Reported:	Not reported
Cont2 Package Amount:	Not reported
Cont2 Package Amount UOM:	Not reported
Cont2 Pkg Number in Shipment:	Not reported
Cont2 Pkg Shipment # Failed:	Not reported
RAM Package Category:	Not reported
RAM Package Certification:	Not reported
RAM Package Certification #:	Not reported
RAM Nuclide(s) Present:	Not reported

55-90 47TH ST (Continued) **2009050584**

RAM Transport Index:	Not reported
RAM UOM:	Not reported
RAM Activity Rpted:	Not reported
RAM UOM Rpted:	Not reported
RAM Activity:	Not reported
RAM Activity UOM:	Not reported
RAM Material Safety Index:	Not reported
Spillage (Ind:	Yes
Fire Ind:	No
Explosion Ind:	No
Water Sewer Ind:	No
Gas Dispersion Ind:	No
Environmental Damage:	No
No Release Ind:	No
Fire/EMS Report Ind:	No
Fire EMS/EMS Report #:	Not reported
Police Report Ind:	No
Police Report #:	Not reported
In-House Cleanup Ind:	Yes
Other Cleanup Ind:	No
Damage More Than 500:	No
Material Loss:	0
Carrier Damage:	0
Property Damage:	0
Response Cost:	0
Remediation Cleanup Cost:	0
Damage Other (Old Form):	0
Total Amount of Damages:	0
HAZMAT Fatality Indicator:	No
HAZMAT Fatalities Employees:	0
HAZMAT Fatalities Responders:	0
HAZMAT Fatality Gen. Public:	0
Hazmat Fatalities (Old Form):	0
Total Hazmat Fatalities:	0
Non_HAZMAT Fatality Indicator:	No
Non-HAZMAT Fatalities:	0
HAZMAT Injury Indicator:	No
HAZMAT Hospitalized Employees:	0
HAZMAT Hospitalized Responders:	0
HAZMAT Hospitalized Gen Public:	0
HAZMAT Hospitalized (Old Form):	0
Total Hazmat Hosp Injuries:	0
HAZMAT NonHosp Employees:	0
HAZMAT NonHosp Responders:	0
HAZMAT NonHosp Gen. Public:	0
HAZMAT NonHosp (Old Form):	0
Total Hazmat NonHosp Injuries:	0
Total Hazmat Injuries:	0
Evacuation Indicator:	No
Public Evacuated:	0
Employees Evacuated:	0
Total Evacuated:	0
Total Evacuation Hours:	0
Major Artery Closed:	No
Major Artery Hours Closed:	0
Material Involved in Accident:	No
Estimated Speed:	0

55-90 47TH ST (Continued) **2009050584**

Weather Conditions:	Not reported
Vehicle Overturn:	No
Vehicle Left Roadway/Track:	No
Passenger Aircraft Indicator:	No
Cargo Passenger Baggage Ind:	Not reported
Incident Occurrence:	Not reported
Shipphase Non-Transported Ind:	No
Shipphase Air First Flight Ind:	No
Shipphase Air SubFlight Ind:	No
Shipphase Init Transport Ind:	No
Shipphase Transfer Indicator:	No
Contact Name:	Travis McEwen
Contact Title:	Safety Specialist III - Hazmat
Contact Business Name:	FEDEX GROUND PACKAGE SYSTEM INC
Contact Street:	1000 FEDEX DRIVE
Contact City:	MOON TOWNSHIP
Contact State:	PA
Contact Postal Code:	15108
Contact Non-US State:	Not reported
Contact Country:	US
Preparer of Incident Report:	Carrier
Description of Events:	The package was unloaded with leakage noted on the box. Examination of the inner container revealed that the container(s) had loose cap(s) and leaked. The leakage was contained. The cap(s) were secured. The carton was wet but otherwise undamaged. The undamaged portion of the package was repacked for return to shipper.
Recommendations/Actions Taken:	Not reported
Recommendations/Actions:	Not reported
HMIS Serious Incident Ind:	No
HMIS Serious Fatality:	No
HMIS Serious Injury:	No
HMIS Serious Flight Plan:	No
HMIS Serious Evacuations:	No
HMIS Serious Major Artery:	No
HMIS Serious Bulk Release:	No
HMIS Serious Marine Pollutant:	No
HMIS Serious Radioactive:	No
HMIS General Package Type:	BOX FIBER
HMIS Container Code:	4G
HMIS Container Description:	Fiberboard box
HMIS Bulk Incident Indicator:	No
Undeclared Shipment:	No

A65 **55-90 47TH ST** **HMIRS** **2010011559**
55-90 47TH ST **N/A**
< 1/8 **MASPETH, NY 11378**
1 ft.

Site 64 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:

Report Number:	X-2010020168
Report Source:	XML
Multiple Rows per Incident:	No
Report Type:	A hazardous material incident
Date of Incident:	2/17/2010
Time of Incident:	600
NRC Number:	Not reported
Fed DOT Agency Name:	Not reported

55-90 47TH ST (Continued) **2010011559**

Fed DOT Report #:	Not reported
Incident City:	MASPETH
Incident County:	Queen
Incident State:	NY
Incident Zip:	11378
Incident Non-US State:	Not reported
Incident Country:	US
Incident Route:	55-90 47th st
Mode of Transportation:	Highway
Transportation Phase:	Unloading
Carrier/Reporter Name:	FEDEX GROUND PACKAGE SYSTEM INC
Carrier/Reporter Street:	1000 FEDEX DRIVE
Carrier/Reporter City:	MOON TOWNSHIP
Carrier/Reporter State:	PA
Carrier/Reporter Zip:	15108
Carrier/Reporter Non-US State:	Not reported
Carrier/Reporter FED DOT ID:	265752
Carrier/Reporter HAZMAT ID:	051909552054R
Carrier/Reporter Country:	US
Shipper Name:	SHERWIN WILLIAMS
Shipper Street:	711 W WABASH AVENUE
Shipper City:	EFFINGHAM
Shipper State:	IL
Shipper Zip:	62401
Shipper Non-US State:	Not reported
Shipper Country:	US
Waybill/Shipping Paper:	62413340603495
Shipper HAZMAT Registration ID:	Not reported
Origin City:	Not reported
Origin State:	Not reported
Origin Zip:	Not reported
Origin Non-US State:	Not reported
Origin Country:	Not reported
Destination City:	BROOKLYN
Destination State:	NY
Destination Postal Code:	11237
Destination Non-US State:	Not reported
Destination Country:	US
Commodity Short Name:	PAINT
Commodity Long Name:	PAINT
Technical/Trade Name:	Not reported
Identification Number:	UN1263
Hazardous Class Code:	3
Hazardous Class:	FLAMMABLE - COMBUSTIBLE LIQUID
Packing Group:	II
Quantity Released:	0.125
Unit of Measure:	LGA
Unit of Measure Description:	Liquid - Gallon
HAZMAT Waste Indicator:	No
HAZMAT Waste EPA ID:	Not reported
HMIS Toxic by Inhalation:	No
TIH Hazard Zone:	Not reported
Material Shipment Approval:	No
Mat. Shipment Approval #:	Not reported
Undeclared HAZMAT Shipment:	No
Packaging Type:	Non-Bulk
What Failed Code:	109

55-90 47TH ST (Continued) **2010011559**

What Failed Description:	Closure (e.g. Cap Top or Plug)
How Failed Code:	304
How Failed Description:	Cracked
Failure Cause Code:	511
Failure Cause Description:	Dropped
Identification Markings:	Not reported
Cont1 Packaging Type:	Drum
Cont1 Material of Construction:	Metal other than steel or aluminum
Cont1 Head Type:	Not reported
Cont1 Package Capacity:	0
Cont1 Package Capacity UOM:	Not reported
Cont1 Package Amount:	0
Cont1 Package Amount UOM:	Not reported
Cont1 Pkg Number:	Not reported
Cont1 Pkg Shipment # Failed:	Not reported
Cont1 Package Manufacturer:	Not reported
Cont1 Pkg Manufacturer Date:	Not reported
Cont1 Package Serial Number:	Not reported
Cont1 Package Last Test Date:	Not reported
Cont1 Test Material Of Const:	Not reported
Cont1 Pkg Dsign Pressure Rpted:	Not reported
Cont1 Dsign Pressure UOM Rpted:	Not reported
Cont1 Pkg Shell Thickness Rptd:	Not reported
Cont1 Shell Thickness UOM Rptd:	Not reported
Cont1 Head Thickness Reported:	Not reported
Cont1 Head Thickness UOM Rpted:	Not reported
Cont1 Pkg Srvc Pressure Rpted:	Not reported
Cont1 Srvc Pressure UOM Rpted:	Not reported
Cont1 Valve or Device Fail Ind:	No
Cont1 Valve or Device Type:	Not reported
Cont1 Val Device Manufacturer:	Not reported
Cont1 Valve or Device Model:	Not reported
Cont2 Package Type:	Not reported
Cont2 Material of Construction:	Not reported
Cont2 Package Capacity:	Not reported
Cont2 Capacity UOM Reported:	Not reported
Cont2 Package Amount:	Not reported
Cont2 Package Amount UOM:	Not reported
Cont2 Pkg Number in Shipment:	Not reported
Cont2 Pkg Shipment # Failed:	Not reported
RAM Package Category:	Not reported
RAM Package Certification:	Not reported
RAM Package Certification #:	Not reported
RAM Nuclide(s) Present:	Not reported
RAM Transport Index:	Not reported
RAM UOM:	Not reported
RAM Activity Rpted:	Not reported
RAM UOM Rpted:	Not reported
RAM Activity:	0
RAM Activity UOM:	Not reported
RAM Material Safety Index:	Not reported
Spillage (Ind:	Yes
Fire Ind:	No
Explosion Ind:	No
Water Sewer Ind:	No
Gas Dispersion Ind:	No
Environmental Damage:	No

55-90 47TH ST (Continued) **2010011559**

No Release Ind:	No
Fire/EMS Report Ind:	No
Fire EMS/EMS Report #:	Not reported
Police Report Ind:	No
Police Report #:	Not reported
In-House Cleanup Ind:	Yes
Other Cleanup Ind:	No
Damage More Than 500:	No
Material Loss:	0
Carrier Damage:	0
Property Damage:	0
Response Cost:	0
Remediation Cleanup Cost:	0
Damage Other (Old Form):	0
Total Amount of Damages:	0
HAZMAT Fatality Indicator:	No
HAZMAT Fatalities Employees:	0
HAZMAT Fatalities Responders:	0
HAZMAT Fatality Gen. Public:	0
Hazmat Fatalities (Old Form):	0
Total Hazmat Fatalities:	0
Non_HAZMAT Fatality Indicator:	No
Non-HAZMAT Fatalities:	0
HAZMAT Injury Indicator:	No
HAZMAT Hospitalized Employees:	0
HAZMAT Hospitalized Responders:	0
HAZMAT Hospitalized Gen Public:	0
HAZMAT Hospitalized (Old Form):	0
Total Hazmat Hosp Injuries:	0
HAZMAT NonHosp Employees:	0
HAZMAT NonHosp Responders:	0
HAZMAT NonHosp Gen. Public:	0
HAZMAT NonHosp (Old Form):	0
Total Hazmat NonHosp Injuries:	0
Total Hazmat Injuries:	0
Evacuation Indicator:	No
Public Evacuated:	0
Employees Evacuated:	0
Total Evacuated:	0
Total Evacuation Hours:	0
Major Artery Closed:	No
Major Artery Hours Closed:	0
Material Involved in Accident:	No
Estimated Speed:	0
Weather Conditions:	Not reported
Vehicle Overturn:	No
Vehicle Left Roadway/Track:	No
Passenger Aircraft Indicator:	No
Cargo Passenger Baggage Ind:	Not reported
Incident Occurrence:	Not reported
Shipphase Non-Transported Ind:	No
Shipphase Air First Flight Ind:	No
Shipphase Air SubFlight Ind:	No
Shipphase Init Transport Ind:	No
Shipphase Transfer Indicator:	No
Contact Name:	Travis McEwen
Contact Title:	Safety Specialist III - Hazmat

55-90 47TH ST (Continued) **2010011559**

Contact Business Name:	FEDEX GROUND PACKAGE SYSTEM INC
Contact Street:	1000 FEDEX DRIVE
Contact City:	MOON TOWNSHIP
Contact State:	PA
Contact Postal Code:	15108
Contact Non-US State:	Not reported
Contact Country:	US
Preparer of Incident Report:	Carrier
Description of Events:	The pail was dropped during handling causing leakage. The leakage was contained and the package was repacked. Undamaged product was returned to the shipper. The damaged product was properly disposed of in accordance with Federal Regulations.
Recommendations/Actions Taken:	Not reported
Recommendations/Actions:	Not reported
HMIS Serious Incident Ind:	No
HMIS Serious Fatality:	No
HMIS Serious Injury:	No
HMIS Serious Flight Plan:	No
HMIS Serious Evacuations:	No
HMIS Serious Major Artery:	No
HMIS Serious Bulk Release:	No
HMIS Serious Marine Pollutant:	No
HMIS Serious Radioactive:	No
HMIS General Package Type:	DRUM METAL
HMIS Container Code:	DRUM MTL
HMIS Container Description:	Metal drum
HMIS Bulk Incident Indicator:	No
Undeclared Shipment:	No

A66 **55-90 47TH ST** **HMIRS** **2013002973**
55-90 47TH ST **N/A**
< 1/8 **FLUSHING, NY 11378**
1 ft.

Site 65 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:

Report Number:	X-2013050057
Report Source:	XML
Multiple Rows per Incident:	No
Report Type:	A hazardous material incident
Date of Incident:	2013-04-05 00:00:00
Time of Incident:	0600
NRC Number:	Not reported
Fed DOT Agency Name:	Not reported
Fed DOT Report #:	Not reported
Incident City:	Flushing
Incident County:	QUEENS
Incident State:	NY
Incident Zip:	11378
Incident Non-US State:	Not reported
Incident Country:	US
Incident Route:	55-90 47TH ST
Mode of Transportation:	Highway
Transportation Phase:	LOADING
Carrier/Reporter Name:	FEDEX GROUND PACKAGE SYSTEM INC.
Carrier/Reporter Street:	1000 FED EX DR
Carrier/Reporter City:	CORAOPOLIS
Carrier/Reporter State:	Not reported

55-90 47TH ST (Continued) **2013002973**

Carrier/Reporter Zip:	15108
Carrier/Reporter Non-US State:	PA
Carrier/Reporter FED DOT ID:	265752
Carrier/Reporter HAZMAT ID:	051910551007S
Carrier/Reporter Country:	UN
Shipper Name:	MAR COR PURIFICATION INC.
Shipper Street:	14550 28TH AVE N
Shipper City:	MINNEAPOLIS
Shipper State:	Not reported
Shipper Zip:	55447
Shipper Non-US State:	MN
Shipper Country:	UNITED STATES
Waybill/Shipping Paper:	753963334392232
Shipper HAZMAT Registration ID:	Not reported
Origin City:	MINNEAPOLIS
Origin State:	MI
Origin Zip:	55447
Origin Non-US State:	Not reported
Origin Country:	US
Destination City:	BROOKLYN
Destination State:	NE
Destination Postal Code:	11236
Destination Non-US State:	Not reported
Destination Country:	US
Commodity Short Name:	HYDROGEN PEROXIDE AND PE
Commodity Long Name:	HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURES STABILIZED WITH ACIDS WATER AND NOT MORE THAN 5 PERCENT PEROXYACETIC ACID
Technical/Trade Name:	Not reported
Identification Number:	UN3149
Hazardous Class Code:	5.1
Hazardous Class:	OXIDIZER
Packing Group:	II
Quantity Released:	0.0750
Unit of Measure:	LGA
Unit of Measure Description:	Liquid - Gallon
HAZMAT Waste Indicator:	No
HAZMAT Waste EPA ID:	Not reported
HMIS Toxic by Inhalation:	No
TIH Hazard Zone:	Not reported
Material Shipment Approval:	No
Mat. Shipment Approval #:	Not reported
Undeclared HAZMAT Shipment:	No
Packaging Type:	Non-Bulk
What Failed Code:	109
What Failed Description:	Closure (e.g. Cap Top or Plug)
How Failed Code:	308
How Failed Description:	Leaked
Failure Cause Code:	526
Failure Cause Description:	Loose Closure Component or Device
Identification Markings:	Not reported
Cont1 Packaging Type:	Box
Cont1 Material of Construction:	Fiberboard
Cont1 Head Type:	Not reported
Cont1 Package Capacity:	Not reported
Cont1 Package Capacity UOM:	Not reported
Cont1 Package Amount:	Not reported
Cont1 Package Amount UOM:	Not reported

55-90 47TH ST (Continued) **2013002973**

Cont1 Pkg Number:	Not reported
Cont1 Pkg Shipment # Failed:	Not reported
Cont1 Package Manufacturer:	Not reported
Cont1 Pkg Manufacturer Date:	Not reported
Cont1 Package Serial Number:	Not reported
Cont1 Package Last Test Date:	Not reported
Cont1 Test Material Of Const:	Not reported
Cont1 Pkg Dsign Pressure Rpted:	Not reported
Cont1 Dsign Pressure UOM Rpted:	Not reported
Cont1 Pkg Shell Thickness Rptd:	Not reported
Cont1 Shell Thickness UOM Rptd:	Not reported
Cont1 Head Thickness Reported:	Not reported
Cont1 Head Thickness UOM Rpted:	Not reported
Cont1 Pkg Srvc Pressure Rpted:	Not reported
Cont1 Srvc Pressure UOM Rpted:	Not reported
Cont1 Valve or Device Fail Ind:	No
Cont1 Valve or Device Type:	Not reported
Cont1 Val Device Manufacturer:	Not reported
Cont1 Valve or Device Model:	Not reported
Cont2 Package Type:	Bottle
Cont2 Material of Construction:	Plastic
Cont2 Package Capacity:	Not reported
Cont2 Capacity UOM Reported:	Not reported
Cont2 Package Amount:	Not reported
Cont2 Package Amount UOM:	Not reported
Cont2 Pkg Number in Shipment:	Not reported
Cont2 Pkg Shipment # Failed:	Not reported
RAM Package Category:	Not reported
RAM Package Certification:	FALSE
RAM Package Certification #:	Not reported
RAM Nuclide(s) Present:	Not reported
RAM Transport Index:	Not reported
RAM UOM:	Not reported
RAM Activity Rpted:	Not reported
RAM UOM Rpted:	Not reported
RAM Activity:	Not reported
RAM Activity UOM:	Not reported
RAM Material Safety Index:	Not reported
Spillage (Ind:	Yes
Fire Ind:	No
Explosion Ind:	No
Water Sewer Ind:	No
Gas Dispersion Ind:	No
Environmental Damage:	No
No Release Ind:	No
Fire/EMS Report Ind:	No
Fire EMS/EMS Report #:	Not reported
Police Report Ind:	No
Police Report #:	Not reported
In-House Cleanup Ind:	Yes
Other Cleanup Ind:	No
Damage More Than 500:	No
Material Loss:	0
Carrier Damage:	0
Property Damage:	0
Response Cost:	0
Remediation Cleanup Cost:	0

55-90 47TH ST (Continued) **2013002973**

Damage Other (Old Form):	0
Total Amount of Damages:	0
HAZMAT Fatality Indicator:	No
HAZMAT Fatalities Employees:	0
HAZMAT Fatalities Responders:	0
HAZMAT Fatality Gen. Public:	0
Hazmat Fatalities (Old Form):	0
Total Hazmat Fatalities:	Not reported
Non_HAZMAT Fatality Indicator:	No
Non-HAZMAT Fatalities:	0
HAZMAT Injury Indicator:	No
HAZMAT Hospitalized Employees:	0
HAZMAT Hospitalized Responders:	0
HAZMAT Hospitalized Gen Public:	0
HAZMAT Hospitalized (Old Form):	0
Total Hazmat Hosp Injuries:	0
HAZMAT NonHosp Employees:	0
HAZMAT NonHosp Responders:	0
HAZMAT NonHosp Gen. Public:	0
HAZMAT NonHosp (Old Form):	0
Total Hazmat NonHosp Injuries:	0
Total Hazmat Injuries:	0
Evacuation Indicator:	No
Public Evacuated:	0
Employees Evacuated:	0
Total Evacuated:	0
Total Evacuation Hours:	0
Major Artery Closed:	No
Major Artery Hours Closed:	0
Material Involved in Accident:	No
Estimated Speed:	0
Weather Conditions:	Not reported
Vehicle Overturn:	No
Vehicle Left Roadway/Track:	No
Passenger Aircraft Indicator:	No
Cargo Passenger Baggage Ind:	Not reported
Incident Occurrence:	Not reported
Shipphase Non-Transported Ind:	No
Shipphase Air First Flight Ind:	No
Shipphase Air SubFlight Ind:	No
Shipphase Init Transport Ind:	No
Shipphase Transfer Indicator:	Not reported
Contact Name:	GEORGE FETSKO
Contact Title:	SAFETY PROCESS SPECIALIST I - HAZMAT
Contact Business Name:	Fedex Ground Package System Inc.
Contact Street:	1000 Fedex Drive
Contact City:	Moon Township
Contact State:	PA
Contact Postal Code:	15108
Contact Non-US State:	Not reported
Contact Country:	US
Preparer of Incident Report:	Carrier
Description of Events:	The package was unloaded with leakage noted on the box. Examination of the inner container revealed that the container(s) had loose cap(s) and leaked. The leakage was contained. The cap(s) were secured. The carton was wet but otherwise undamaged. The undamaged portion of the package was repacked for return to shipper.

55-90 47TH ST (Continued) **2013002973**

Recommendations/Actions Taken:	Not reported
Recommendations/Actions:	Not reported
HMIS Serious Incident Ind:	No
HMIS Serious Fatality:	No
HMIS Serious Injury:	No
HMIS Serious Flight Plan:	No
HMIS Serious Evacuations:	No
HMIS Serious Major Artery:	No
HMIS Serious Bulk Release:	No
HMIS Serious Marine Pollutant:	No
HMIS Serious Radioactive:	No
HMIS General Package Type:	OHMIR.Ref_Container.descr
HMIS Container Code:	BOX FBR
HMIS Container Description:	Not reported
HMIS Bulk Incident Indicator:	No
Undeclared Shipment:	No

A67 **HMIRS** **2002078819**
55-90 47TH ST **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 66 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:

Report #:	2002070593
Site location:	55-90 47TH ST MASPETH, NY
Place of origin:	255 BLAIR ROAD AVENEL, NJ 07001
Destination:	PENANG CUSINE 3804 PRINCE ST FLUSHING, NY 11354
Carrier ID:	92098
Carrier reporting #:	341441019
Carrier:	FEDEX GROUND PACKAGE SYSTEM IN
Carrier address:	P O BOX 108 PITTSBURGH, PA 152300108
Shipper ID:	24649
Shipper name:	ECO-LABS INC
Shipper address:	255 BLAIR ROAD AVENEL, NJ 07001
Shipping paper number:	007184110006732
Consignee ID:	80350
Consignee name:	PENANG CUSINE
Consignee addess:	3804 PRINCE ST FLUSHING, NY 11354
General cause:	10
Transportation mode:	4
Date:	06/27/2002
Commodity name:	POTASSIUM HYDROXIDE SOLTN
Trade name:	N/A
Amount:	0.05 GAL
Result:	Spillage
Hazard Class:	80
ID Number:	UN1814
Hazardous:	False
R.Q. met:	False
Misc. info:	100 100

(Continued) **2002078819**

Vehicle Type:	Van truck/trailer
Trans. phase:	263
Land use:	271
Community:	281
Accident/Derailment:	False
Estimated speed:	F
Highway type:	999
number of lanes:	0
Number evacuated:	0
Major injuries:	0
Minor injuries:	0
Fatalities:	0
Product loss:	100
Carrier damage:	0
Pvt/Pub damage:	0
Cleanup cost:	425
Other damage:	0
Reported damage:	525
Incident damage:	0

Inner and Outer Container Information:

Container type:	JUG PLS
Container capacity:	1.00 GAL
Number failed:	1
Number in shipment:	1
Container gauge:	Not reported
Manufacture's ID:	24649
Manuf. name:	ECO-LABS INC AVENEL, NJ
Tank serial #:	Not reported
Label:	Not reported
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway
Contributing failure:	Burst/int. pressure
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	0
Number failed code:	0
Shipment code number:	0
Container type:	BOX FBR
Container capacity:	1.00 GAL
Number failed:	1
Number in shipment:	1
Container gauge:	Not reported
Manufacture's ID:	24649
Manuf. name:	ECO-LABS INC AVENEL, NJ
Tank serial #:	Not reported
Label:	WHITE
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway

(Continued) **2002078819**

Contributing failure:	Ripped
Affected side:	Bottom
Other contributing cause:	Package material
Capacity container code:	0
Number failed code:	0
Shipment code number:	0

Remarks:

THE PACKAGE WAS DROPPED IN HANDLING. EXAMINATION OF THE INNER CONTAINER
REVEALED A RUPTURED SEAM WHICH ALLOWED THE CONTENTS TO ESCAPE. THE LEAKAGE
WAS CONTAINED. THE UNDAMAGED PORTION OF THE PACKAGE WAS REPACKED FOR RETURN
TO SHIPPER.

A68 **55-90 47TH STREET** **HMIRS** **2007442523**
55-90 47TH STREET **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 67 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:

Report #:	2006100279
System ID:	418483
Report type:	A
Incident site:	55-90 47th street MASPETH, NY 11378
Incident county:	queens
Incident country:	US
Incident date:	07/25/06
Incident time:	1445
NRC report #:	0
Other fed agency reported to:	Not reported
Other agency report #:	Not reported
Incident foreign country:	Not reported
Transportation mode:	4
Transportation phase:	262
Carrier DOT ID:	265752
Carrier Hazmat ID:	062904001002M
Carrier name:	Fedex Ground Package System, Inc.
Carrier address:	1000 Fedex Drive MOON TOWNSHIP, PA 15108
Carrier country:	US
Incident consequence:	Spillage
EMS/Fire crew responded:	Not reported
EMS/Fire crew report #:	Not reported
Police responded:	Not reported
Police report #:	Not reported
In-house cleanup occurred:	True
Other cleanup occurred:	Not reported
Estimated damages exceed $500:	False
Value of material lost:	0
Value of carrier loss:	0
Value of pub/priv property loss:	0
Response cost:	0
Remediation cost:	0

55-90 47TH STREET (Continued) **2007442523**

Details of fatalities by vapor/fire/explosion of hazardous material:

Did Fatalities occur:	False
No. of employee fatalities:	0
No. of responder fatalities:	0
No. of public fatalities:	0

Details of fatalities not due to hazardous material:

Did fatalities occur:	Not reported
No. of dead persons:	0

Details of injuries due to hazardous material:

Did injuries occur:	False
No. of employees hospitalized:	0
No. of employees not hospitalized:	0
No. of responders hospitalized:	0
No. of responders not hospitalized:	0
No. of public hospitalized:	0
No. of public not hospitalized:	0
Evacuation was required:	False
No. of employees evacuated:	0
No. of public evacuated:	0
Total number evacuated:	0
Evacuation time in hours:	0
Road/facility was closed:	False
No. of hours closed:	0
Hazmat invloved in crash/derailment:	False
Estimated speed of crash:	0
Crash weather conditions:	Not reported
Vehicle overturned:	Not reported
Did vehicle leave road/track:	Not reported
Where incident occurred/discovered:	Not reported
Shipment handling details:	Not reported

Incident report preparer details:

Preparer name:	Denise Hanchulak
Preparer title:	TSM Manager II - Safety
Hazmat registration ID:	062904001002M
Employer business name:	Fedex Ground Package System, Inc.
Address:	1000 Fedex Drive MOON TOWNSHIP, PA 15108
Country:	US
Report date:	10/19/06
Telephone:	412-859-5051
Fax:	412-859-5045
Business type:	C
Preparer other function:	Not reported

A69 **HMIRS** **2000026098**

55-90 47TH STREET **N/A**

< 1/8 **MASPETH, NY**

1 ft.

Site 68 of 159 in cluster A

Relative: Lower

Actual: 7 ft.

HMIRS:

Report #:	2000041120
Site location:	55-90 47TH STREET MASPETH, NY
Place of origin:	66550 WEDGWOOD RD MAPLE GROVE, MN 55311

(Continued) **2000026098**

Destination:	NEW YORK FLOOR DISPLAYS 514 WEST 49TH STREET NEW YORK, NY 10019
Carrier ID:	92098
Carrier reporting #:	34-144-1019
Carrier:	FEDEX GROUND PACKAGE SYSTEM IN
Carrier address:	P O BOX 108 PITTSBURGH, PA 152300108
Shipper ID:	30029
Shipper name:	PAKOR INC
Shipper address:	66550 WEDGWOOD RD MAPLE GROVE, MN 55311
Shipping paper number:	552054
Consignee ID:	80350
Consignee name:	NEW YORK FLOOR DISPLAYS
Consignee addess:	514 WEST 49TH STREET NEW YORK, NY 10019
General cause:	10
Transportation mode:	4
Date:	04/11/2000
Commodity name:	METHANOL
Trade name:	Not reported
Amount:	0. GAL
Result:	Spillage
Hazard Class:	30
ID Number:	UN1230
Hazardous:	False
R.Q. met:	False
Misc. info:	100 100
Vehicle Type:	Van truck/trailer
Trans. phase:	263
Land use:	271
Community:	281
Accident/Derailment:	False
Estimated speed:	F
Highway type:	999
number of lanes:	0
Number evacuated:	0
Major injuries:	0
Minor injuries:	0
Fatalities:	0
Product loss:	100
Carrier damage:	0
Pvt/Pub damage:	0
Cleanup cost:	25
Other damage:	0
Reported damage:	125
Incident damage:	0

Inner and Outer Container Information:

Container type:	PAIL
Container capacity:	1.00
Number failed:	1
Number in shipment:	1
Container gauge:	Not reported
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER

(Continued) **2000026098**

	UNKNOWN, XX
Tank serial #:	Not reported
Label:	Not reported
Registration #:	Not reported
Inspection date:	Not reported
Exemption #:	Not reported
Contributing cause:	Loose fitting
Contributing Object:	No object
Contributing failure:	LEAKED
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	Not reported
Number failed code:	Not reported
Shipment code number:	Not reported
Container type:	PAIL
Container capacity:	1. GAL
Number failed:	1
Number in shipment:	1
Container gauge:	Not reported
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER
	UNKNOWN, XX
Tank serial #:	Not reported
Label:	Not reported
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Loose fitting
Contributing Object:	No object
Contributing failure:	LEAKED
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	1
Number failed code:	0
Shipment code number:	0
Container type:	4G
Container capacity:	1.00
Number failed:	1
Number in shipment:	1
Container gauge:	UN4G/Y7/S/98
Manufacture's ID:	22773
Manuf. name:	CASCADE CHEM CO
	UNKNOWN, XX
Tank serial #:	Not reported
Label:	RED
Registration #:	Not reported
Inspection date:	Not reported
Exemption #:	Not reported
Contributing cause:	NO RESPONSE
Contributing Object:	No object
Contributing failure:	NO RESPONSE
Affected side:	NO RESPONSE
Other contributing cause:	NO RESPONSE
Capacity container code:	Not reported
Number failed code:	Not reported
Shipment code number:	Not reported
Container type:	4G

(Continued) **2000026098**

Container capacity:	1. GAL
Number failed:	1
Number in shipment:	1
Container gauge:	UN4G/Y7/S/98
Manufacture's ID:	22773
Manuf. name:	CASCADE CHEM CO UNKNOWN, XX
Tank serial #:	Not reported
Label:	RED
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	NO RESPONSE
Contributing Object:	No object
Contributing failure:	NO RESPONSE
Affected side:	NO RESPONSE
Other contributing cause:	NO RESPONSE
Capacity container code:	0
Number failed code:	0
Shipment code number:	0

Remarks:

(A) THE PAIL WAS UNLOADED WITH LEAKAGE NOTED. EXAMINATION OF THE PAIL THE PAIL WAS UNLOADED WITH LEAKAGE NOTED. EXAMINATION OF THE PAIL REVEALED THE PAIL HAD A LOOSE CAP/LID AND LEAKED. THE LEAKAGE WAS CONTAINED. THE CAP/LID WAS SECURED. THE PAIL WAS REPACKED FOR RETURN CONTAINED. THE CAP/LID WAS SECURED. THE PAIL WAS REPACKED FOR RETURN TO
SHIPPER. (B) THE PACKAGE WAS UNLOADED WITH LEAKAGE NOTED ON THE BOX. TO SHIPPER.
EXAMINATION OF THE INNER CONTAINER REVEALED THAT THE CONTAINER(S) HAD LOOSE CAP(S) AND LEAKED. THE LEAKAGE WAS CONTAINED. THE CAP(S) WERE SECURED. THE CARTON WAS WET BUT OTHERWISE UNDAMAGED. THE PACKAGE WAS REPACKED FOR RETURN TO SHIPPER.

A70 **55-90 47 TH STREET** **HMIRS** **2008454351**
55-90 47 TH STREET **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 69 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:

Report #:	2008070108
System ID:	454351
Report type:	A
Incident site:	55-90 47 th street MASPETH, NY 11378
Incident county:	queens
Incident country:	US
Incident date:	06/20/08
Incident time:	1218
NRC report #:	0
Other fed agency reported to:	Not reported
Other agency report #:	Not reported
Incident foreign country:	Not reported
Transportation mode:	4
Transportation phase:	262

55-90 47 TH STREET (Continued) **2008454351**

Carrier DOT ID:	265752
Carrier Hazmat ID:	062904001002M
Carrier name:	Fedex Ground Package System, Inc.
Carrier address:	1000 Fedex Drive MOON TOWNSHIP, PA 15108
Carrier country:	US
Incident consequence:	Spillage
EMS/Fire crew responded:	Not reported
EMS/Fire crew report #:	Not reported
Police responded:	Not reported
Police report #:	Not reported
In-house cleanup occurred:	True
Other cleanup occurred:	Not reported
Estimated damages exceed $500:	False
Value of material lost:	0
Value of carrier loss:	0
Value of pub/priv property loss:	0
Response cost:	0
Remediation cost:	0

Details of fatalities by vapor/fire/explosion of hazardous material:

Did Fatalities occur:	False
No. of employee fatalities:	0
No. of responder fatalities:	0
No. of public fatalities:	0

Details of fatalities not due to hazardous material:

Did fatalities occur:	Not reported
No. of dead persons:	0

Details of injuries due to hazardous material:

Did injuries occur:	False
No. of employees hospitalized:	0
No. of employees not hospitalized:	0
No. of responders hospitalized:	0
No. of responders not hospitalized:	0
No. of public hospitalized:	0
No. of public not hospitalized:	0
Evacuation was required:	False
No. of employees evacuated:	0
No. of public evacuated:	0
Total number evacuated:	0
Evacuation time in hours:	0
Road/facility was closed:	False
No. of hours closed:	0
Hazmat invloved in crash/derailment:	False
Estimated speed of crash:	0
Crash weather conditions:	Not reported
Vehicle overturned:	Not reported
Did vehicle leave road/track:	Not reported
Where incident occurred/discovered:	Not reported
Shipment handling details:	Not reported

Incident report preparer details:

Preparer name:	Travis McEwen
Preparer title:	Safety Specialist III - Hazmat
Hazmat registration ID:	062904001002M
Employer business name:	Fedex Ground Package System, Inc.

55-90 47 TH STREET (Continued) **2008454351**

Address: 1000 Fedex Drive
MOON TOWNSHIP, PA 15108
Country: US
Report date: 07/16/08
Telephone: 412-859-5061
Fax: 412-859-5045
Business type: C
Preparer other function: Not reported

Description of Events:

The pail was dropped during handling causing leakage. The leakage was contained and the package was repacked. Undamaged product was returned to the shipper. The damaged product was properly disposed of in accordance with Federal Regulations.

Shipper Details:
Shipper ID: 454502
Shipper name: ATLANTIC PLYWOOD
Address: 75 AMOR AVE
CARLSTADT, NJ 07072
Shipper country: US
Hazmat papers #: 568686130139422
Shipment origin: Not reported
Not reported
Shipment origin country: Not reported

Details of material being shipped:
Material ID: 460642
Material name: PAINT (including Paint, Lacquer, Enamel, Stain, Shellac Solutions, Varnish, Polish, Liquid Filler, and
UN ID: UN1263
Hazard class code: 30
Trade name: Not reported
Packing group: II
Amount reported released: 32.000000 Ounce(s)
Amount released: 0.250000 Ounce(s)
Material listed as hazardous waste: False
EPA manifest number of haz. waste: Not reported
Material listed as toxic inhalant: False
Hazard zone of toxic inhalant: Not reported
Material shipped under exemption/ approval/ Competent Authority Cert.
False
Exemption/approval/CAC number: Not reported
Undeclared Hazmat shipment: False
Package ID: 460904
Hazmat shipment destination: Not reported
BRONX, NY 10462
Package type: A
Package other description: Not reported
Packaging markings: 4G/Y36.5/S/07USA/+AX5040
Package code: 76
Radioactive packaging indicator: Not reported
Radioactive cert. indicator: Not reported
Radioactive cert. No: Not reported
Rad. nuclide(s) present: Not reported
Transport index: Not reported
Radioactivity indicator: Not reported

55-90 47 TH STREET (Continued) **2008454351**

Standardized activity: Not reported
Critical safety index: Not reported
Package layer ID: 629889
Package ID: 460904
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Not reported
Material type of non-bulk/IBC/non-specification package
Not reported
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 629890
Package ID: 460904
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Not reported
Material type of non-bulk/IBC/non-specification package
Not reported
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package fail ID: 527173

55-90 47 TH STREET (Continued) **2008454351**

Fail Sequence: 1
What failed code: 109
How failed code: 308
Failure cause code: 511

A71 **55-90 47TH STREET** **HMIRS** **2005706145**
55-90 47TH STREET **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 70 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:

Report #:	2005080730
System ID:	393180
Report type:	A
Incident site:	55-90 47TH STREET MASPETH, NY 11378
Incident county:	QUEENS
Incident country:	US
Incident date:	06/07/2005
Incident time:	1250
NRC report #:	0
Other fed agency reported to:	Not reported
Other agency report #:	Not reported
Incident foreign country:	Not reported
Transportation mode:	4
Transportation phase:	263
Carrier DOT ID:	265752
Carrier Hazmat ID:	062904001002M
Carrier name:	FEDEX GROUND PACKAGE SYSTEM IN
Carrier address:	1000 FEDEX DRIVE MOON TOWNSHIP, PA 15108
Carrier country:	US
Incident consequence:	Spillage
EMS/Fire crew responded:	False
EMS/Fire crew report #:	Not reported
Police responded:	False
Police report #:	Not reported
In-house cleanup occurred:	True
Other cleanup occurred:	False
Estimated damages exceed $500:	False
Value of material lost:	0
Value of carrier loss:	0
Value of pub/priv property loss:	0
Response cost:	0
Remediation cost:	0

Details of fatalities by vapor/fire/explosion of hazardous material:

Did Fatalities occur:	False
No. of employee fatalities:	0
No. of responder fatalities:	0
No. of public fatalities:	0

Details of fatalities not due to hazardous material:

Did fatalities occur:	False
No. of dead persons:	0

Details of injuries due to hazardous material:

55-90 47TH STREET (Continued) **2005706145**

Did injuries occur:	False
No. of employees hospitalized:	0
No. of employees not hospitalized:	0
No. of responders hospitalized:	0
No. of responders not hospitalized:	0
No. of public hospitalized:	0
No. of public not hospitalized:	0
Evacuation was required:	False
No. of employees evacuated:	0
No. of public evacuated:	0
Total number evacuated:	0
Evacuation time in hours:	0
Road/facility was closed:	False
No. of hours closed:	0
Hazmat invloved in crash/derailment:	False
Estimated speed of crash:	0
Crash weather conditions:	Not reported
Vehicle overturned:	Not reported
Did vehicle leave road/track:	Not reported
Where incident occurred/discovered:	Not reported
Shipment handling details:	Not reported

Incident report preparer details:

Preparer name:	DENISE HANCHULAK
Preparer title:	TSM MANAGER II - SAFETY
Hazmat registration ID:	Not reported
Employer business name:	FEDEX GROUND PACKAGE SYSTEM, INC
Address:	1000 FEDEX DRIVE MOON TOWNSHIP, PA 15108
Country:	US
Report date:	07/28/2005
Telephone:	(412)859-5056
Fax:	(412)859-5045
Business type:	C
Preparer other function:	Not reported

A72 **HMIRS** **200112897**
55-90 47TH ST **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 71 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:

Report #:	2001061821
Site location:	55-90 47TH ST MASPETH, NY
Place of origin:	255 BLAIR ROAD AVENEL, NJ 07001
Destination:	GRAND & REMSAN 6535 GRAND AVE MASPETH, NY 11378
Carrier ID:	92098
Carrier reporting #:	341441019
Carrier:	FEDEX GROUND PACKAGE SYSTEM IN
Carrier address:	P O BOX 108 PITTSBURGH, PA 152300108
Shipper ID:	24649
Shipper name:	ECO-LABS INC

(Continued) **200112897**

Shipper address:	255 BLAIR ROAD AVENEL, NJ 07001
Shipping paper number:	007184111201853
Consignee ID:	80350
Consignee name:	GRAND & REMSAN
Consignee addess:	6535 GRAND AVE MASPETH, NY 11378
General cause:	10
Transportation mode:	4
Date:	06/19/2001
Commodity name:	POTASSIUM HYDROXIDE SOLTN
Trade name:	Not reported
Amount:	3.75 GAL
Result:	Spillage
Hazard Class:	80
ID Number:	UN1814
Hazardous:	False
R.Q. met:	False
Misc. info:	100 100
Vehicle Type:	Van truck/trailer
Trans. phase:	263
Land use:	272
Community:	281
Accident/Derailment:	False
Estimated speed:	F
Highway type:	999
number of lanes:	0
Number evacuated:	0
Major injuries:	0
Minor injuries:	0
Fatalities:	0
Product loss:	100
Carrier damage:	0
Pvt/Pub damage:	0
Cleanup cost:	25
Other damage:	0
Reported damage:	125
Incident damage:	0

Inner and Outer Container Information:

Container type:	1H2
Container capacity:	5.00 GAL
Number failed:	1
Number in shipment:	1
Container gauge:	UN1H2/Y1.54/
Manufacture's ID:	24649
Manuf. name:	ECO-LABS INC AVENEL, NJ
Tank serial #:	Not reported
Label:	WHITE
Registration #:	M2014
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Loose fitting
Contributing Object:	No object
Contributing failure:	LEAKED
Affected side:	Top

(Continued) **200112897**

Other contributing cause: Closure
Capacity container code: 0
Number failed code: 0
Shipment code number: 0

Remarks:

THE PAIL WAS UNLOADED WITH LEAKAGE NOTED. EXAMINATION OF THE PAIL REVEALED
THE PAIL HAD A LOOSE CAP/LID AND LEAKED. THE LEAKAGE WAS CONTAINED. THE
CAP/LID WAS SECURED. THE PAIL WAS REPACKED FOR RETURN TO SHIPPER.

A73 **HMIRS** **95020383**
55-90 47TH ST **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 72 of 159 in cluster A

Relative: HMIRS:
Lower
Actual: Report #: 95020383
7 ft. Site location: 55-90 47TH ST
MASPETH, NY
Place of origin: 6216 W 66TH PLACE
CHICAGO, IL 60638
Destination: PARK TOWER MNGT CORP
180 MAIDEN LANE
NEW YORK, NY 10038
Carrier ID: 22131
Carrier reporting #: 34-144-1019
Carrier: ROADWAY PACKAGE SYSTEM INC
Carrier address: PO BOX 108
PITTSBURGH, PA 15230
Shipper ID: 15905
Shipper name: NALCO CHEMICAL CO
Shipper address: 6216 W 66TH PLACE
CHICAGO, IL 60638
Shipping paper number: 6046062310107656
Consignee ID: 68205
Consignee name: PARK TOWER MNGT CORP
Consignee addess: 180 MAIDEN LANE
NEW YORK, NY 10038
General cause: 010
Transportation mode: 004
Date: 01/16/1995
Commodity name: SODIUM HYDROXIDE SOLUTION
Trade name: Not reported
Amount: .03906250 GAL
Result: Spillage
Hazard Class: 80
ID Number: UN1824
Hazardous: True
R.Q. met: False
Misc. info: 100 100
Vehicle Type: Van truck/trailer
Trans. phase: 263
Land use: 271
Community: 281

(Continued) **95020383**

Accident/Derailment:	False
Estimated speed:	F
Highway type:	Not reported
number of lanes:	Not reported
Number evacuated:	000000
Major injuries:	000
Minor injuries:	000
Fatalities:	00
Product loss:	00000100
Carrier damage:	00000000
Pvt/Pub damage:	00000000
Cleanup cost:	00000025
Other damage:	00000000
Reported damage:	00000125
Incident damage:	00000000

Inner and Outer Container Information:

Container type:	34
Container capacity:	15.0000000 GAL
Number failed:	00001
Number in shipment:	00000
Container gauge:	10
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER UNKNOWN, XX
Tank serial #:	Not reported
Label:	WHITE
Registration #:	Not reported
Inspection date:	Not reported
Exemption #:	Not reported
Contributing cause:	Loose fitting
Contributing Object:	No object
Contributing failure:	LEAKED
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	Not reported
Number failed code:	Not reported
Shipment code number:	Not reported

A74 **55-90 47TH STREET** **HMIRS** **2005710572**
55-90 47TH STREET **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 73 of 159 in cluster A

Relative: HMIRS:
Lower

Actual: Report #:	2005050697
7 ft. System ID:	4907
Report type:	A
Incident site:	55-90 47TH STREET MASPETH, NY 11378
Incident county:	QUEENS
Incident country:	US
Incident date:	02/08/2005
Incident time:	1121
NRC report #:	0
Other fed agency reported to:	Not reported

55-90 47TH STREET (Continued) **2005710572**

Other agency report #:	Not reported
Incident foreign country:	Not reported
Transportation mode:	4
Transportation phase:	263
Carrier DOT ID:	265752
Carrier Hazmat ID:	062904001002M
Carrier name:	FEDEX GROUND PACKAGE SYSTEM IN
Carrier address:	1000 FEDEX DRIVE MOON TOWNSHIP, PA 15108
Carrier country:	US
Incident consequence:	Spillage
EMS/Fire crew responded:	False
EMS/Fire crew report #:	Not reported
Police responded:	False
Police report #:	Not reported
In-house cleanup occurred:	True
Other cleanup occurred:	False
Estimated damages exceed $500:	False
Value of material lost:	0
Value of carrier loss:	0
Value of pub/priv property loss:	0
Response cost:	0
Remediation cost:	0

Details of fatalities by vapor/fire/explosion of hazardous material:

Did Fatalities occur:	False
No. of employee fatalities:	0
No. of responder fatalities:	0
No. of public fatalities:	0

Details of fatalities not due to hazardous material:

Did fatalities occur:	False
No. of dead persons:	0

Details of injuries due to hazardous material:

Did injuries occur:	False
No. of employees hospitalized:	0
No. of employees not hospitalized:	0
No. of responders hospitalized:	0
No. of responders not hospitalized:	0
No. of public hospitalized:	0
No. of public not hospitalized:	0
Evacuation was required:	False
No. of employees evacuated:	0
No. of public evacuated:	0
Total number evacuated:	0
Evacuation time in hours:	0
Road/facility was closed:	False
No. of hours closed:	0
Hazmat invloved in crash/derailment:	False
Estimated speed of crash:	0
Crash weather conditions:	Not reported
Vehicle overturned:	Not reported
Did vehicle leave road/track:	Not reported
Where incident occurred/discovered:	Not reported
Shipment handling details:	Not reported

Incident report preparer details:

55-90 47TH STREET (Continued) **2005710572**

Preparer name:	DENISE HANCHULAK
Preparer title:	TSM MANAGER II - SAFETY
Hazmat registration ID:	Not reported
Employer business name:	FEDEX GROUND PACKAGE SYSTEM, INC.
Address:	1000 FEDEX DRIVE MOON TOWNSHIP, PA 15108
Country:	US
Report date:	05/12/2005
Telephone:	(412)859-5056
Fax:	(412)859-5045
Business type:	C
Preparer other function:	Not reported

A75 **ROADWAY PACKAGE SYSTEM INC** **NY UST** **1000121001**
55-90 48TH ST **RCRA NonGen / NLR** **NYD047673892**
< 1/8 **QUEENS, NY 11378** **NY MANIFEST**
1 ft. **NY SPDES**

Site 74 of 159 in cluster A

Relative: Lower
Actual: 7 ft.

UST:

Name:	ROADWAY PACKAGE SYSTEM, INC.
Address:	55-90 47TH STREET
City,State,Zip:	MASPETH, NY 11378
Id/Status:	2-016241 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	590979.77017
UTM Y:	4508174.29868
Site Type:	Trucking/Transportation/Fleet Operation

Affiliation Records:

Site Id:	119
Affiliation Type:	Facility Owner
Company Name:	ROADWAY PACKAGE SYSTEM, INC.
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	P O BOX 108
Address2:	Not reported
City:	PITTSBURGH
State:	PA
Zip Code:	15230
Country Code:	001
Phone:	(412) 269-1000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	119
Affiliation Type:	Mail Contact
Company Name:	ROADWAY SERVICES, INC.
Contact Type:	Not reported
Contact Name:	REGINA R. GODWIN
Address1:	1077 GORGE BOULEVARD
Address2:	P O BOX 88
City:	AKRON

ROADWAY PACKAGE SYSTEM INC (Continued) **1000121001**

State:	OH
Zip Code:	44309-0088
Country Code:	001
Phone:	(216) 384-1717
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	119
Affiliation Type:	Facility Operator
Company Name:	ROADWAY PACKAGE SYSTEM, INC.
Contact Type:	Not reported
Contact Name:	D. PEYTON, TERMINAL MGR.
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 782-4848
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	119
Affiliation Type:	Emergency Contact
Company Name:	ROADWAY PACKAGE SYSTEM, INC.
Contact Type:	Not reported
Contact Name:	D. PEYTON, TERMINAL MGR.
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 782-4848
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	001
Tank ID:	26963
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	12/01/1965
Date Tank Closed:	08/01/1994
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel

ROADWAY PACKAGE SYSTEM INC (Continued) **1000121001**

Tightness Test Method: ZZ
Date Test: 11/01/1991
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B99 - Tank External Protection - Other

Tank Number: 002
Tank ID: 26964
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1965
Date Tank Closed: 08/01/1994
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: ZZ
Date Test: 11/01/1991
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B99 - Tank External Protection - Other

Tank Number: 003
Tank ID: 26965
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1965
Date Tank Closed: 08/01/1994

ROADWAY PACKAGE SYSTEM INC (Continued) **1000121001**

Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: ZZ
Date Test: 11/01/1991
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B99 - Tank External Protection - Other

Tank Number: 004
Tank ID: 26966
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1965
Date Tank Closed: 08/01/1994
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: ZZ
Date Test: 11/01/1991
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B99 - Tank External Protection - Other

Tank Number: 005

ROADWAY PACKAGE SYSTEM INC (Continued) **1000121001**

Tank ID:	26967
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	12/01/1965
Date Tank Closed:	08/01/1994
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	ZZ
Date Test:	11/01/1991
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
B99 - Tank External Protection - Other

Tank Number:	006
Tank ID:	26968
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	12/01/1965
Date Tank Closed:	08/01/1994
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	ZZ
Date Test:	11/01/1991
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None

ROADWAY PACKAGE SYSTEM INC (Continued) **1000121001**

D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
B99 - Tank External Protection - Other

Tank Number:	007
Tank ID:	26969
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	12/01/1965
Date Tank Closed:	08/01/1994
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	ZZ
Date Test:	11/01/1991
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B99 - Tank External Protection - Other

Tank Number:	008
Tank ID:	26970
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	12/01/1965
Date Tank Closed:	08/01/1994
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	ZZ
Date Test:	11/01/1991
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

ROADWAY PACKAGE SYSTEM INC (Continued) **1000121001**

H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
B99 - Tank External Protection - Other

Tank Number:	009
Tank ID:	26971
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	12/01/1965
Date Tank Closed:	08/01/1994
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	ZZ
Date Test:	11/01/1991
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B99 - Tank External Protection - Other

Tank Number:	010
Tank ID:	26972
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	12/01/1965
Date Tank Closed:	08/01/1994
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	ZZ
Date Test:	11/01/1991

ROADWAY PACKAGE SYSTEM INC (Continued) **1000121001**

Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B99 - Tank External Protection - Other

Tank Number: 011
Tank ID: 26973
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1965
Date Tank Closed: 08/01/1994
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: ZZ
Date Test: 11/01/1991
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None
J01 - Dispenser - Pressurized Dispenser
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
B99 - Tank External Protection - Other

Tank Number: 012
Tank ID: 26974
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1965
Date Tank Closed: 08/01/1994
Registered: True
Tank Location: Underground

ROADWAY PACKAGE SYSTEM INC (Continued) **1000121001**

Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B99 - Tank External Protection - Other

Tank Number: 013
Tank ID: 26975
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1965
Date Tank Closed: 08/01/1994
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B99 - Tank External Protection - Other

Tank Number: 014
Tank ID: 26976
Tank Status: Closed - Removed

ROADWAY PACKAGE SYSTEM INC (Continued) **1000121001**

Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	12/01/1965
Date Tank Closed:	08/01/1994
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B99 - Tank External Protection - Other

Tank Number:	015
Tank ID:	26977
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	12/01/1965
Date Tank Closed:	08/01/1994
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

I00 - Overfill - None
H00 - Tank Leak Detection - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
F00 - Pipe External Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None

ROADWAY PACKAGE SYSTEM INC (Continued) **1000121001**

B99 - Tank External Protection - Other

Tank Number: 016
Tank ID: 26978
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1965
Date Tank Closed: 08/01/1994
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
B99 - Tank External Protection - Other

Tank Number: 017
Tank ID: 26979
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1965
Date Tank Closed: 08/01/1994
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None

ROADWAY PACKAGE SYSTEM INC (Continued) **1000121001**

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
B99 - Tank External Protection - Other

Tank Number:	018
Tank ID:	26980
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	12/01/1965
Date Tank Closed:	08/01/1994
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B99 - Tank External Protection - Other

Tank Number:	019
Tank ID:	26981
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	12/01/1965
Date Tank Closed:	08/01/1994
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported

ROADWAY PACKAGE SYSTEM INC (Continued) **1000121001**

Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B99 - Tank External Protection - Other

Tank Number: 020
Tank ID: 26982
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1965
Date Tank Closed: 08/01/1994
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
B99 - Tank External Protection - Other

Tank Number: 021
Tank ID: 26983
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1965
Date Tank Closed: 08/01/1994
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 9999

ROADWAY PACKAGE SYSTEM INC (Continued) **1000121001**

Common Name of Substance: Other

Tightness Test Method: ZZ
Date Test: 11/01/1991
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B99 - Tank External Protection - Other

Tank Number: 022
Tank ID: 26984
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 7500
Install Date: 12/01/1965
Date Tank Closed: 08/01/1994
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: 06
Date Test: 11/01/1991
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None

Tank Number: 023
Tank ID: 26985
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550

ROADWAY PACKAGE SYSTEM INC (Continued) **1000121001**

Install Date:	12/01/1965
Date Tank Closed:	08/01/1994
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	9999
Common Name of Substance:	Other
Tightness Test Method:	ZZ
Date Test:	03/01/1992
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

RCRA NonGen / NLR:

Date Form Received by Agency:	2007-01-01 00:00:00.0
Handler Name:	ROADWAY PACKAGE SYSTEM INC
Handler Address:	55-90 48TH ST
Handler City,State,Zip:	QUEENS, NY 11378
EPA ID:	NYD047673892
Contact Name:	Not reported
Contact Address:	48TH ST
Contact City,State,Zip:	QUEENS, NY 11378
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	48TH ST
Mailing City,State,Zip:	QUEENS, NY 11378
Owner Name:	ROADWAY PACKAGE SYSTEM INC
Owner Type:	Private
Operator Name:	ROADWAY PACKAGE SYSTEM INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No

ROADWAY PACKAGE SYSTEM INC (Continued) **1000121001**

Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined

ROADWAY PACKAGE SYSTEM INC (Continued) **1000121001**

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: X001
Waste Description: Not Defined

Waste Code: X002
Waste Description: Not Defined

Waste Code: X003
Waste Description: Not Defined

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: ROADWAY PACKAGE SYSTEM INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 108
Owner/Operator City,State,Zip: PITTSBURGH, PA 15230
Owner/Operator Telephone: 412-269-1000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: ROADWAY PACKAGE SYSTEM INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 108
Owner/Operator City,State,Zip: PITTSBURGH, PA 15230
Owner/Operator Telephone: 412-269-1000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ROADWAY PACKAGE SYSTEM INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 108
Owner/Operator City,State,Zip: PITTSBURGH, PA 15230
Owner/Operator Telephone: 412-269-1000
Owner/Operator Telephone Ext: Not reported

ROADWAY PACKAGE SYSTEM INC (Continued) **1000121001**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 1995-04-05 00:00:00.0
Handler Name: ROADWAY PACKAGE SYSTEM INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2006-01-01 00:00:00.0
Handler Name: ROADWAY PACKAGE SYSTEM INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2007-01-01 00:00:00.0
Handler Name: ROADWAY PACKAGE SYSTEM INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1994-11-03 00:00:00.0
Handler Name: ROADWAY PACKAGE SYSTEM INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

ROADWAY PACKAGE SYSTEM INC (Continued) **1000121001**

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

NY MANIFEST:

Name:	SAINT JOHNSBURY TRUCKING COMPANY
Address:	55-90 48TH ST
City,State,Zip:	QUEENS, NY 11378
Country:	USA
EPA ID:	NYD047673892
Facility Status:	Not reported
Location Address 1:	55-90 47TH STREET
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	MASPETH
Location State:	NY
Location Zip:	11378
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD047673892
Mailing Name:	SAINT JOHNSBURY TRUCKING COMPANY
Mailing Contact:	DANIEL MATHERS
Mailing Address 1:	55-90 47TH STREET
Mailing Address 2:	Not reported
Mailing City:	MASPETH
Mailing State:	NY
Mailing Zip:	11378
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7183660400

NY MANIFEST:

Document ID:	NJA3193108
Manifest Status:	Not reported
seq:	01
Year:	2000
Trans1 State ID:	S50060
Trans2 State ID:	Not reported
Generator Ship Date:	10/10/2000
Trans1 Recv Date:	10/10/2000
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	10/10/2000
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD047673892
Trans1 EPA ID:	NYD980761191
Trans2 EPA ID:	Not reported

ROADWAY PACKAGE SYSTEM INC (Continued) **1000121001**

TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00085
Units:	P - Pounds
Number of Containers:	006
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	01.00
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00090
Units:	P - Pounds
Number of Containers:	005
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	01.00
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00140
Units:	P - Pounds
Number of Containers:	006
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	01.00
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00035
Units:	P - Pounds
Number of Containers:	004
Container Type:	DF - Fiberboard or plastic drums (glass)

ROADWAY PACKAGE SYSTEM INC (Continued) **1000121001**

Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 01.00

SPDES:

Name: FEDEX GROUND - QUEENS
Address: 55-90 48TH ST
City,State,Zip: MASPETH, NY 11378
Permit Number: NYR00B951
State-Region: 02
Expiration Date: 09/30/2017
Current Major Minor Status: Minor
Primary Facility SIC Code: 4215
State Water Body Name: NEWTON CREEK, MASPETH CREEK
Limit Set Status Flag: Active
Total Actual Average Flow(MGD): Not reported
Total App Design Flow(MGD): Not reported
UDF1: Not reported
Lat/Long: 40.723 / -73.923
DMR Cognizant Official: Not reported
UDF2: Not reported
UDF3: Not reported
FIPS County Code: NY081

Non-Gov Permit Affiliation Type Desc: DMR Mailing Address
Non-Gov Permit Org Formal Name: FEDEX GROUND PACKAGE SYSTEM INC
Non-Gov Permit Street Address: FEDEX GROUND - QUEENS
Non-Gov Permit Supplemental Location: 1000 FEDEX DR
Non-Gov Permit City: MOON TOWNSHIP
Non-Gov Permit State Code: PA
Non-Gov Permit Zip Code: 15108
Non-Gov Facility Affiliation Type Desc: Owner
Non-Gov Facility Org Formal Name: FEDEX GROUND PACKAGE SYSTEM INC
Non-Gov Facility Street Address: FEDEX GROUND - QUEENS
Non-Gov Facility Supplemental Location: 1000 FEDEX DR
Non-Gov Facility City: MOON TOWNSHIP
Non-Gov Facility State Code: PA
Non-Gov Facility Zip Code: 15108
State Water Body: Not reported
Region Permit Processed: Not reported
Dow Discharge Class Code: Not reported
SPDES Class Description: Not reported
Affiliation Type Description: Not reported
Name: Not reported
Contacts Title: Not reported
Contacts Email: Not reported
NOI Submission Date: Not reported

Name: FEDEX GROUND - QUEENS
Address: 55-90 48TH ST
City,State,Zip: MASPETH, NY 11378
UDF2: Not reported
UDF3: Not reported
FIPS County Code: NY081

Non-Gov Permit Affiliation Type Desc: Permittee

ROADWAY PACKAGE SYSTEM INC (Continued) **1000121001**

Non-Gov Permit Org Formal Name:	FEDEX GROUND PACKAGE SYSTEM INC
Non-Gov Permit Street Address:	1000 FEDEX DR
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	MOON TOWNSHIP
Non-Gov Permit State Code:	PA
Non-Gov Permit Zip Code:	15108
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	FEDEX GROUND PACKAGE SYSTEM INC
Non-Gov Facility Street Address:	FEDEX GROUND - QUEENS
Non-Gov Facility Supplemental Location:	1000 FEDEX DR
Non-Gov Facility City:	MOON TOWNSHIP
Non-Gov Facility State Code:	PA
Non-Gov Facility Zip Code:	15108
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

Name:	FEDEX GROUND - QUEENS
Address:	55-90 48TH ST
City,State,Zip:	MASPETH, NY 11378
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY081

Non-Gov Permit Affiliation Type Desc:	Not reported
Non-Gov Permit Org Formal Name:	Not reported
Non-Gov Permit Street Address:	Not reported
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	Not reported
Non-Gov Permit State Code:	Not reported
Non-Gov Permit Zip Code:	Not reported
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	FEDEX GROUND PACKAGE SYSTEM INC
Non-Gov Facility Street Address:	FEDEX GROUND - QUEENS
Non-Gov Facility Supplemental Location:	1000 FEDEX DR
Non-Gov Facility City:	MOON TOWNSHIP
Non-Gov Facility State Code:	PA
Non-Gov Facility Zip Code:	15108
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

A76 **55-90 47TH ST** **HMIRS** **2007434553**
55-90 47TH ST **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 75 of 159 in cluster A

Relative: HMIRS:
Lower

Actual:
7 ft.

Report #:	2006060132
System ID:	409921
Report type:	A
Incident site:	55-90 47TH ST MASPETH, NY 11378
Incident county:	QUEENS
Incident country:	US
Incident date:	05/23/06
Incident time:	1345
NRC report #:	0
Other fed agency reported to:	Not reported
Other agency report #:	Not reported
Incident foreign country:	Not reported
Transportation mode:	4
Transportation phase:	262
Carrier DOT ID:	265752
Carrier Hazmat ID:	062904001002M
Carrier name:	Fedex Ground Package System, Inc.
Carrier address:	1000 Fedex Drive MOON TOWNSHIP, PA 15108
Carrier country:	US
Incident consequence:	Spillage
EMS/Fire crew responded:	Not reported
EMS/Fire crew report #:	Not reported
Police responded:	Not reported
Police report #:	Not reported
In-house cleanup occurred:	True
Other cleanup occurred:	Not reported
Estimated damages exceed $500:	False
Value of material lost:	0
Value of carrier loss:	0
Value of pub/priv property loss:	0
Response cost:	0
Remediation cost:	0

Details of fatalities by vapor/fire/explosion of hazardous material:

Did Fatalities occur:	False
No. of employee fatalities:	0
No. of responder fatalities:	0
No. of public fatalities:	0

Details of fatalities not due to hazardous material:

Did fatalities occur:	Not reported
No. of dead persons:	0

Details of injuries due to hazardous material:

Did injuries occur:	False
No. of employees hospitalized:	0
No. of employees not hospitalized:	0
No. of responders hospitalized:	0
No. of responders not hospitalized:	0
No. of public hospitalized:	0
No. of public not hospitalized:	0

55-90 47TH ST (Continued) **2007434553**

Evacuation was required:	False
No. of employees evacuated:	0
No. of public evacuated:	0
Total number evacuated:	0
Evacuation time in hours:	0
Road/facility was closed:	False
No. of hours closed:	0
Hazmat invloved in crash/derailment:	False
Estimated speed of crash:	0
Crash weather conditions:	Not reported
Vehicle overturned:	Not reported
Did vehicle leave road/track:	Not reported
Where incident occurred/discovered:	Not reported
Shipment handling details:	Not reported

Incident report preparer details:

Preparer name:	Scott Kerr
Preparer title:	TSM Manager II - Safety
Hazmat registration ID:	062904001002M
Employer business name:	Fedex Ground Package System, Inc.
Address:	1000 Fedex Drive MOON TOWNSHIP, PA 15108
Country:	US
Report date:	06/20/06
Telephone:	412-859-5051
Fax:	412-859-5045
Business type:	C
Preparer other function:	Not reported

A77 **55-90 47 TH ST** **HMIRS** **2008451721**
55-90 47 TH ST **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 76 of 159 in cluster A

Relative: HMIRS:
Lower

Actual: Report #:	2008050268
7 ft. System ID:	451721
Report type:	A
Incident site:	55-90 47 th st MASPETH, NY 11378
Incident county:	queens
Incident country:	US
Incident date:	05/07/08
Incident time:	1148
NRC report #:	0
Other fed agency reported to:	Not reported
Other agency report #:	Not reported
Incident foreign country:	Not reported
Transportation mode:	4
Transportation phase:	263
Carrier DOT ID:	265752
Carrier Hazmat ID:	062904001002M
Carrier name:	Fedex Ground Package System, Inc.
Carrier address:	1000 Fedex Drive MOON TOWNSHIP, PA 15108
Carrier country:	US
Incident consequence:	Spillage

55-90 47 TH ST (Continued) **2008451721**

EMS/Fire crew responded:	Not reported
EMS/Fire crew report #:	Not reported
Police responded:	Not reported
Police report #:	Not reported
In-house cleanup occurred:	True
Other cleanup occurred:	Not reported
Estimated damages exceed $500:	False
Value of material lost:	0
Value of carrier loss:	0
Value of pub/priv property loss:	0
Response cost:	0
Remediation cost:	0

Details of fatalities by vapor/fire/explosion of hazardous material:

Did Fatalities occur:	False
No. of employee fatalities:	0
No. of responder fatalities:	0
No. of public fatalities:	0

Details of fatalities not due to hazardous material:

Did fatalities occur:	Not reported
No. of dead persons:	0

Details of injuries due to hazardous material:

Did injuries occur:	False
No. of employees hospitalized:	0
No. of employees not hospitalized:	0
No. of responders hospitalized:	0
No. of responders not hospitalized:	0
No. of public hospitalized:	0
No. of public not hospitalized:	0
Evacuation was required:	False
No. of employees evacuated:	0
No. of public evacuated:	0
Total number evacuated:	0
Evacuation time in hours:	0
Road/facility was closed:	False
No. of hours closed:	0
Hazmat invloved in crash/derailment:	False
Estimated speed of crash:	0
Crash weather conditions:	Not reported
Vehicle overturned:	Not reported
Did vehicle leave road/track:	Not reported
Where incident occurred/discovered:	Not reported
Shipment handling details:	Not reported

Incident report preparer details:

Preparer name:	Travis McEwen
Preparer title:	Safety Specialist III - Hazmat
Hazmat registration ID:	062904001002M
Employer business name:	Fedex Ground Package System, Inc.
Address:	1000 Fedex Drive MOON TOWNSHIP, PA 15108
Country:	US
Report date:	05/29/08
Telephone:	412-859-5061
Fax:	412-859-5045
Business type:	C

55-90 47 TH ST (Continued) **2008451721**

Preparer other function: Not reported

Description of Events:

The package was unloaded with leakage noted on the box. Examination of the inner container revealed that the container(s) had loose cap(s) and leaked. The leakage was contained. The cap(s) were secured. The carton was wet but otherwise undamaged. The undamaged portion of the package was repacked for return to shipper.

Shipper Details:

Shipper ID: 451888
Shipper name: VIDEOJETS TECHNOLOGIES INC
Address: 1855 ESTES AVE
ELK GROVE VILLAGE, IL 60007
Shipper country: US
Hazmat papers #: 60835670767982
Shipment origin: Not reported
Not reported
Shipment origin country: Not reported

Details of material being shipped:

Material ID: 458035
Material name: PRINTING INK, flammable
UN ID: UN1210
Hazard class code: 30
Trade name: Not reported
Packing group: Not reported
Amount reported released: 15.000000 Ounce(s)
Amount released: 0.117200 Ounce(s)
Material listed as hazardous waste: False
EPA manifest number of haz. waste: Not reported
Material listed as toxic inhalant: False
Hazard zone of toxic inhalant: Not reported
Material shipped under exemption/ approval/ Competent Authority Cert.
False
Exemption/approval/CAC number: Not reported
Undeclared Hazmat shipment: False
Package ID: 458333
Hazmat shipment destination: Not reported
BROOKLYN, NY 11236
Package type: A
Package other description: Not reported
Packaging markings: Not reported
Package code: 77
Radioactive packaging indicator: Not reported
Radioactive cert. indicator: Not reported
Radioactive cert. No: Not reported
Rad. nuclide(s) present: Not reported
Transport index: Not reported
Radioactivity indicator: Not reported
Standardized activity: Not reported
Critical safety index: Not reported
Package layer ID: 626279
Package ID: 458333
Package layer code: O
Package type for non-bulk/IBC/non-specification package

55-90 47 TH ST (Continued) **2008451721**

Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 626280
Package ID: 458333
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package fail ID: 524658
Fail Sequence: 1
What failed code: 109
How failed code: 308
Failure cause code: 526

A78 **55-90 47TH ST** **HMIRS** **2013005600**
55-90 47TH ST **N/A**
< 1/8 **MASPETH, NY 11378**
1 ft.

Site 77 of 159 in cluster A

Relative: HMIRS:
Lower

Actual:
7 ft.

Report Number:	X-2013050056
Report Source:	XML
Multiple Rows per Incident:	No
Report Type:	A hazardous material incident
Date of Incident:	2013-04-05 00:00:00
Time of Incident:	0600
NRC Number:	Not reported
Fed DOT Agency Name:	Not reported
Fed DOT Report #:	Not reported
Incident City:	Maspeth
Incident County:	QUEENS
Incident State:	NY
Incident Zip:	11378
Incident Non-US State:	Not reported
Incident Country:	US
Incident Route:	55-90 47th st
Mode of Transportation:	Highway
Transportation Phase:	LOADING
Carrier/Reporter Name:	FEDEX GROUND PACKAGE SYSTEM INC.
Carrier/Reporter Street:	1000 FED EX DR
Carrier/Reporter City:	CORAOPOLIS
Carrier/Reporter State:	Not reported
Carrier/Reporter Zip:	15108
Carrier/Reporter Non-US State:	PA
Carrier/Reporter FED DOT ID:	265752
Carrier/Reporter HAZMAT ID:	051910551007S
Carrier/Reporter Country:	UN
Shipper Name:	MAR COR PURIFICATION INC.
Shipper Street:	14550 28TH AVE N
Shipper City:	MINNEAPOLIS
Shipper State:	Not reported
Shipper Zip:	55447
Shipper Non-US State:	MN
Shipper Country:	UNITED STATES
Waybill/Shipping Paper:	753963334392225
Shipper HAZMAT Registration ID:	Not reported
Origin City:	MINNEAPOLIS
Origin State:	MI
Origin Zip:	55447
Origin Non-US State:	Not reported
Origin Country:	US
Destination City:	BROOKLYN
Destination State:	NE
Destination Postal Code:	11236
Destination Non-US State:	Not reported
Destination Country:	US
Commodity Short Name:	HYDROGEN PEROXIDE AND PE
Commodity Long Name:	HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURES STABILIZED WITH ACIDS WATER AND NOT MORE THAN 5 PERCENT PEROXYACETIC ACID
Technical/Trade Name:	Not reported
Identification Number:	UN3149
Hazardous Class Code:	5.1

55-90 47TH ST (Continued) **2013005600**

Hazardous Class:	OXIDIZER
Packing Group:	II
Quantity Released:	0.0750
Unit of Measure:	LGA
Unit of Measure Description:	Liquid - Gallon
HAZMAT Waste Indicator:	No
HAZMAT Waste EPA ID:	Not reported
HMIS Toxic by Inhalation:	No
TIH Hazard Zone:	Not reported
Material Shipment Approval:	No
Mat. Shipment Approval #:	Not reported
Undeclared HAZMAT Shipment:	No
Packaging Type:	Non-Bulk
What Failed Code:	109
What Failed Description:	Closure (e.g. Cap Top or Plug)
How Failed Code:	308
How Failed Description:	Leaked
Failure Cause Code:	526
Failure Cause Description:	Loose Closure Component or Device
Identification Markings:	Not reported
Cont1 Packaging Type:	Box
Cont1 Material of Construction:	Fiberboard
Cont1 Head Type:	Not reported
Cont1 Package Capacity:	Not reported
Cont1 Package Capacity UOM:	Not reported
Cont1 Package Amount:	Not reported
Cont1 Package Amount UOM:	Not reported
Cont1 Pkg Number:	Not reported
Cont1 Pkg Shipment # Failed:	Not reported
Cont1 Package Manufacturer:	Not reported
Cont1 Pkg Manufacturer Date:	Not reported
Cont1 Package Serial Number:	Not reported
Cont1 Package Last Test Date:	Not reported
Cont1 Test Material Of Const:	Not reported
Cont1 Pkg Dsign Pressure Rpted:	Not reported
Cont1 Dsign Pressure UOM Rpted:	Not reported
Cont1 Pkg Shell Thickness Rptd:	Not reported
Cont1 Shell Thickness UOM Rptd:	Not reported
Cont1 Head Thickness Reported:	Not reported
Cont1 Head Thickness UOM Rpted:	Not reported
Cont1 Pkg Srvc Pressure Rpted:	Not reported
Cont1 Srvc Pressure UOM Rpted:	Not reported
Cont1 Valve or Device Fail Ind:	No
Cont1 Valve or Device Type:	Not reported
Cont1 Val Device Manufacturer:	Not reported
Cont1 Valve or Device Model:	Not reported
Cont2 Package Type:	Bottle
Cont2 Material of Construction:	Plastic
Cont2 Package Capacity:	Not reported
Cont2 Capacity UOM Reported:	Not reported
Cont2 Package Amount:	Not reported
Cont2 Package Amount UOM:	Not reported
Cont2 Pkg Number in Shipment:	Not reported
Cont2 Pkg Shipment # Failed:	Not reported
RAM Package Category:	Not reported
RAM Package Certification:	FALSE
RAM Package Certification #:	Not reported

55-90 47TH ST (Continued) **2013005600**

RAM Nuclide(s) Present:	Not reported
RAM Transport Index:	Not reported
RAM UOM:	Not reported
RAM Activity Rpted:	Not reported
RAM UOM Rpted:	Not reported
RAM Activity:	Not reported
RAM Activity UOM:	Not reported
RAM Material Safety Index:	Not reported
Spillage (Ind:	Yes
Fire Ind:	No
Explosion Ind:	No
Water Sewer Ind:	No
Gas Dispersion Ind:	No
Environmental Damage:	No
No Release Ind:	No
Fire/EMS Report Ind:	No
Fire EMS/EMS Report #:	Not reported
Police Report Ind:	No
Police Report #:	Not reported
In-House Cleanup Ind:	Yes
Other Cleanup Ind:	No
Damage More Than 500:	No
Material Loss:	0
Carrier Damage:	0
Property Damage:	0
Response Cost:	0
Remediation Cleanup Cost:	0
Damage Other (Old Form):	0
Total Amount of Damages:	0
HAZMAT Fatality Indicator:	No
HAZMAT Fatalities Employees:	0
HAZMAT Fatalities Responders:	0
HAZMAT Fatality Gen. Public:	0
Hazmat Fatalities (Old Form):	0
Total Hazmat Fatalities:	Not reported
Non_HAZMAT Fatality Indicator:	No
Non-HAZMAT Fatalities:	0
HAZMAT Injury Indicator:	No
HAZMAT Hospitalized Employees:	0
HAZMAT Hospitalized Responders:	0
HAZMAT Hospitalized Gen Public:	0
HAZMAT Hospitalized (Old Form):	0
Total Hazmat Hosp Injuries:	0
HAZMAT NonHosp Employees:	0
HAZMAT NonHosp Responders:	0
HAZMAT NonHosp Gen. Public:	0
HAZMAT NonHosp (Old Form):	0
Total Hazmat NonHosp Injuries:	0
Total Hazmat Injuries:	0
Evacuation Indicator:	No
Public Evacuated:	0
Employees Evacuated:	0
Total Evacuated:	0
Total Evacuation Hours:	0
Major Artery Closed:	No
Major Artery Hours Closed:	0
Material Involved in Accident:	No

55-90 47TH ST (Continued) **2013005600**

Estimated Speed:	0
Weather Conditions:	Not reported
Vehicle Overturn:	No
Vehicle Left Roadway/Track:	No
Passenger Aircraft Indicator:	No
Cargo Passenger Baggage Ind:	Not reported
Incident Occurrence:	Not reported
Shipphase Non-Transported Ind:	No
Shipphase Air First Flight Ind:	No
Shipphase Air SubFlight Ind:	No
Shipphase Init Transport Ind:	No
Shipphase Transfer Indicator:	Not reported
Contact Name:	GEORGE FETSKO
Contact Title:	SAFETY PROCESS SPECIALIST I - HAZMAT
Contact Business Name:	Fedex Ground Package System Inc.
Contact Street:	1000 Fedex Drive
Contact City:	Moon Township
Contact State:	PA
Contact Postal Code:	15108
Contact Non-US State:	Not reported
Contact Country:	US
Preparer of Incident Report:	Carrier
Description of Events:	The package was unloaded with leakage noted on the box. Examination of the inner container revealed that the container(s) had loose cap(s) and leaked. The leakage was contained. The cap(s) were secured. The carton was wet but otherwise undamaged. The undamaged portion of the package was repacked for return to shipper.
Recommendations/Actions Taken:	Not reported
Recommendations/Actions:	Not reported
HMIS Serious Incident Ind:	No
HMIS Serious Fatality:	No
HMIS Serious Injury:	No
HMIS Serious Flight Plan:	No
HMIS Serious Evacuations:	No
HMIS Serious Major Artery:	No
HMIS Serious Bulk Release:	No
HMIS Serious Marine Pollutant:	No
HMIS Serious Radioactive:	No
HMIS General Package Type:	OHMIR.Ref_Container.descr
HMIS Container Code:	BOX FBR
HMIS Container Description:	Not reported
HMIS Bulk Incident Indicator:	No
Undeclared Shipment:	No

A79 **55-90 47 TH ST** **HMIRS** **2009058413**
55-90 47 TH ST **N/A**
< 1/8 **FLUSHING, NY 11378**
1 ft.

Site 78 of 159 in cluster A

Relative: HMIRS:
Lower

Report Number:	X-2009090121
Report Source:	XML
Multiple Rows per Incident:	No
Report Type:	A hazardous material incident
Date of Incident:	8/18/2009
Time of Incident:	400
NRC Number:	Not reported

Actual:
7 ft.

55-90 47 TH ST (Continued) **2009058413**

Fed DOT Agency Name:	Not reported
Fed DOT Report #:	Not reported
Incident City:	FLUSHING
Incident County:	Queen
Incident State:	NY
Incident Zip:	11378
Incident Non-US State:	Not reported
Incident Country:	US
Incident Route:	55-90 47 th st
Mode of Transportation:	Highway
Transportation Phase:	Unloading
Carrier/Reporter Name:	FEDEX GROUND PACKAGE SYSTEM INC
Carrier/Reporter Street:	1000 FEDEX DRIVE
Carrier/Reporter City:	MOON TOWNSHIP
Carrier/Reporter State:	PA
Carrier/Reporter Zip:	15108
Carrier/Reporter Non-US State:	Not reported
Carrier/Reporter FED DOT ID:	265752
Carrier/Reporter HAZMAT ID:	062904001002M
Carrier/Reporter Country:	US
Shipper Name:	ATLANTIC PLYWOOD
Shipper Street:	75 AMOR AVE
Shipper City:	CARLSTADT
Shipper State:	NJ
Shipper Zip:	7072
Shipper Non-US State:	Not reported
Shipper Country:	US
Waybill/Shipping Paper:	36499960233880
Shipper HAZMAT Registration ID:	Not reported
Origin City:	Not reported
Origin State:	Not reported
Origin Zip:	Not reported
Origin Non-US State:	Not reported
Origin Country:	Not reported
Destination City:	BROOKLYN
Destination State:	NY
Destination Postal Code:	11232
Destination Non-US State:	Not reported
Destination Country:	US
Commodity Short Name:	PAINT OR PAINT RELATED
Commodity Long Name:	PAINT (including Paint Lacquer Enamel Stain Shellac Solutions Varnish Polish Liquid Filler and Liquid Lacquer Base) or PAINT RELATED MATERIAL (including Paint Thinning or Reducing Compound)
Technical/Trade Name:	Not reported
Identification Number:	UN1263
Hazardous Class Code:	3
Hazardous Class:	FLAMMABLE - COMBUSTIBLE LIQUID
Packing Group:	II
Quantity Released:	4
Unit of Measure:	LGA
Unit of Measure Description:	Liquid - Gallon
HAZMAT Waste Indicator:	No
HAZMAT Waste EPA ID:	Not reported
HMIS Toxic by Inhalation:	No
TIH Hazard Zone:	Not reported
Material Shipment Approval:	No
Mat. Shipment Approval #:	Not reported

55-90 47 TH ST (Continued) **2009058413**

Undeclared HAZMAT Shipment:	No
Packaging Type:	Non-Bulk
What Failed Code:	109
What Failed Description:	Closure (e.g. Cap Top or Plug)
How Failed Code:	303
How Failed Description:	Burst or Ruptured
Failure Cause Code:	526
Failure Cause Description:	Loose Closure Component or Device
Identification Markings:	Not reported
Cont1 Packaging Type:	Box
Cont1 Material of Construction:	Fiberboard
Cont1 Head Type:	Not reported
Cont1 Package Capacity:	Not reported
Cont1 Package Capacity UOM:	Not reported
Cont1 Package Amount:	Not reported
Cont1 Package Amount UOM:	Not reported
Cont1 Pkg Number:	Not reported
Cont1 Pkg Shipment # Failed:	Not reported
Cont1 Package Manufacturer:	Not reported
Cont1 Pkg Manufacturer Date:	Not reported
Cont1 Package Serial Number:	Not reported
Cont1 Package Last Test Date:	Not reported
Cont1 Test Material Of Const:	Not reported
Cont1 Pkg Dsign Pressure Rpted:	Not reported
Cont1 Dsign Pressure UOM Rpted:	Not reported
Cont1 Pkg Shell Thickness Rptd:	Not reported
Cont1 Shell Thickness UOM Rptd:	Not reported
Cont1 Head Thickness Reported:	Not reported
Cont1 Head Thickness UOM Rpted:	Not reported
Cont1 Pkg Srvc Pressure Rpted:	Not reported
Cont1 Srvc Pressure UOM Rpted:	Not reported
Cont1 Valve or Device Fail Ind:	No
Cont1 Valve or Device Type:	Not reported
Cont1 Val Device Manufacturer:	Not reported
Cont1 Valve or Device Model:	Not reported
Cont2 Package Type:	Can
Cont2 Material of Construction:	Metal (any type)
Cont2 Package Capacity:	Not reported
Cont2 Capacity UOM Reported:	Not reported
Cont2 Package Amount:	Not reported
Cont2 Package Amount UOM:	Not reported
Cont2 Pkg Number in Shipment:	Not reported
Cont2 Pkg Shipment # Failed:	Not reported
RAM Package Category:	Not reported
RAM Package Certification:	Not reported
RAM Package Certification #:	Not reported
RAM Nuclide(s) Present:	Not reported
RAM Transport Index:	Not reported
RAM UOM:	Not reported
RAM Activity Rpted:	Not reported
RAM UOM Rpted:	Not reported
RAM Activity:	Not reported
RAM Activity UOM:	Not reported
RAM Material Safety Index:	Not reported
Spillage (Ind:	Yes
Fire Ind:	No
Explosion Ind:	No

55-90 47 TH ST (Continued) **2009058413**

Water Sewer Ind:	No
Gas Dispersion Ind:	No
Environmental Damage:	No
No Release Ind:	No
Fire/EMS Report Ind:	No
Fire EMS/EMS Report #:	Not reported
Police Report Ind:	No
Police Report #:	Not reported
In-House Cleanup Ind:	Yes
Other Cleanup Ind:	No
Damage More Than 500:	No
Material Loss:	0
Carrier Damage:	0
Property Damage:	0
Response Cost:	0
Remediation Cleanup Cost:	0
Damage Other (Old Form):	0
Total Amount of Damages:	0
HAZMAT Fatality Indicator:	No
HAZMAT Fatalities Employees:	0
HAZMAT Fatalities Responders:	0
HAZMAT Fatality Gen. Public:	0
Hazmat Fatalities (Old Form):	0
Total Hazmat Fatalities:	0
Non_HAZMAT Fatality Indicator:	No
Non-HAZMAT Fatalities:	0
HAZMAT Injury Indicator:	No
HAZMAT Hospitalized Employees:	0
HAZMAT Hospitalized Responders:	0
HAZMAT Hospitalized Gen Public:	0
HAZMAT Hospitalized (Old Form):	0
Total Hazmat Hosp Injuries:	0
HAZMAT NonHosp Employees:	0
HAZMAT NonHosp Responders:	0
HAZMAT NonHosp Gen. Public:	0
HAZMAT NonHosp (Old Form):	0
Total Hazmat NonHosp Injuries:	0
Total Hazmat Injuries:	0
Evacuation Indicator:	No
Public Evacuated:	0
Employees Evacuated:	0
Total Evacuated:	0
Total Evacuation Hours:	0
Major Artery Closed:	No
Major Artery Hours Closed:	0
Material Involved in Accident:	No
Estimated Speed:	0
Weather Conditions:	Not reported
Vehicle Overturn:	No
Vehicle Left Roadway/Track:	No
Passenger Aircraft Indicator:	No
Cargo Passenger Baggage Ind:	Not reported
Incident Occurrence:	Not reported
Shipphase Non-Transported Ind:	No
Shipphase Air First Flight Ind:	No
Shipphase Air SubFlight Ind:	No
Shipphase Init Transport Ind:	No

55-90 47 TH ST (Continued) **2009058413**

Shipphase Transfer Indicator:	No
Contact Name:	Travis McEwen
Contact Title:	Safety Specialist III - Hazmat
Contact Business Name:	FEDEX GROUND PACKAGE SYSTEM INC
Contact Street:	1000 FEDEX DRIVE
Contact City:	MOON TOWNSHIP
Contact State:	PA
Contact Postal Code:	15108
Contact Non-US State:	Not reported
Contact Country:	US
Preparer of Incident Report:	Carrier
Description of Events:	The package was dropped in handling. Examination of the inner container revealed a ruptured seam which allowed the contents to escape. The leakage was contained. The undamaged portion of the package was repacked for return to shipper.
Recommendations/Actions Taken:	Not reported
Recommendations/Actions:	Not reported
HMIS Serious Incident Ind:	No
HMIS Serious Fatality:	No
HMIS Serious Injury:	No
HMIS Serious Flight Plan:	No
HMIS Serious Evacuations:	No
HMIS Serious Major Artery:	No
HMIS Serious Bulk Release:	No
HMIS Serious Marine Pollutant:	No
HMIS Serious Radioactive:	No
HMIS General Package Type:	BOX FIBER
HMIS Container Code:	BOX FBR
HMIS Container Description:	Fiberboard box or carton
HMIS Bulk Incident Indicator:	No
Undeclared Shipment:	No

A80 **HMIRS** **2000026169**
N/A

55-90 47TH
< 1/8 **MASPETH, NY**
1 ft.

Site 79 of 159 in cluster A

Relative: HMIRS:
Lower

Actual: Report #:	2000041158
7 ft. Site location:	55-90 47TH MASPETH, NY
Place of origin:	410 DIVISION STREET ELIZABETH, NJ 07201
Destination:	UTLEYS INC 31-23 61ST STREET WOODSIDE, NY 11377
Carrier ID:	92098
Carrier reporting #:	34-144-1019
Carrier:	FEDEX GROUND PACKAGE SYSTEM IN
Carrier address:	P O BOX 108 PITTSBURGH, PA 152300108
Shipper ID:	88382
Shipper name:	AMERICAN CHEMICAL & COATINGS
Shipper address:	410 DIVISION STREET ELIZABETH, NJ 07201
Shipping paper number:	017327700006935
Consignee ID:	80350

(Continued) **2000026169**

Consignee name:	UTLEYS INC
Consignee addess:	31-23 61ST STREET WOODSIDE, NY 11377
General cause:	10
Transportation mode:	4
Date:	04/01/2000
Commodity name:	ALCOHOLS N.O.S.
Trade name:	METHANOL
Amount:	0.50 GAL
Result:	Spillage
Hazard Class:	30
ID Number:	UN1987
Hazardous:	False
R.Q. met:	False
Misc. info:	100 100
Vehicle Type:	Van truck/trailer
Trans. phase:	263
Land use:	271
Community:	281
Accident/Derailment:	False
Estimated speed:	F
Highway type:	999
number of lanes:	Not reported
Number evacuated:	0
Major injuries:	0
Minor injuries:	0
Fatalities:	0
Product loss:	100
Carrier damage:	0
Pvt/Pub damage:	0
Cleanup cost:	25
Other damage:	0
Reported damage:	125
Incident damage:	0

Inner and Outer Container Information:

Container type:	PAIL MTL
Container capacity:	1.00
Number failed:	1
Number in shipment:	4
Container gauge:	Not reported
Manufacture's ID:	10330
Manuf. name:	AMERICAN COATINGS INC MAGNOLIA, NJ
Tank serial #:	Not reported
Label:	RED
Registration #:	Not reported
Inspection date:	Not reported
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway
Contributing failure:	Burst/int. pressure
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	Not reported
Number failed code:	Not reported
Shipment code number:	Not reported

(Continued) **2000026169**

Container type:	PAIL MTL
Container capacity:	1. GAL
Number failed:	1
Number in shipment:	4
Container gauge:	Not reported
Manufacture's ID:	10330
Manuf. name:	AMERICAN COATINGS INC MAGNOLIA, NJ
Tank serial #:	Not reported
Label:	RED
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway
Contributing failure:	Burst/int. pressure
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	0
Number failed code:	0
Shipment code number:	1
Container type:	BOX FBR
Container capacity:	4.00
Number failed:	1
Number in shipment:	1
Container gauge:	Not reported
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER UNKNOWN, XX
Tank serial #:	Not reported
Label:	Not reported
Registration #:	Not reported
Inspection date:	Not reported
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway
Contributing failure:	Ripped
Affected side:	Bottom
Other contributing cause:	Package material
Capacity container code:	Not reported
Number failed code:	Not reported
Shipment code number:	Not reported
Container type:	BOX FBR
Container capacity:	4. GAL
Number failed:	1
Number in shipment:	1
Container gauge:	Not reported
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER UNKNOWN, XX
Tank serial #:	Not reported
Label:	Not reported
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway

(Continued) **2000026169**

Contributing failure:	Ripped
Affected side:	Bottom
Other contributing cause:	Package material
Capacity container code:	0
Number failed code:	0
Shipment code number:	0

Remarks:

THE PACKAGE WAS DROPPED IN HANDLING. EXAMINATION OF THE INNER CONTAINER REVEALED A RUPTURED SEAM WHICH ALLOWED THE CONTENTS TO ESCAPE. THE LEAKAGE WAS CONTAINED. THE PACKAGE WAS REPACKED FOR RETURN TO SHIPPER.

A81 **HMIRS** **2000026987**

55-90 47TH ST **N/A**

< 1/8 **MASPETH, NY**

1 ft.

Site 80 of 159 in cluster A

Relative: **Lower**

Actual: **7 ft.**

HMIRS:

Report #:	2000050384
Site location:	55-90 47TH ST MASPETH, NY
Place of origin:	255 BLAIR ROAD AVENEL, NJ 07001
Destination:	SUI-SHA SUSHI JAPANESE RESTAUR 4117 KISSENA BLVD FLUSHING, NY 11355
Carrier ID:	92098
Carrier reporting #:	34-144-1019
Carrier:	FEDEX GROUND PACKAGE SYSTEM IN
Carrier address:	P O BOX 108 PITTSBURGH, PA 152300108
Shipper ID:	24649
Shipper name:	ECO-LABS INC
Shipper address:	255 BLAIR ROAD AVENEL, NJ 07001
Shipping paper number:	007184110056164
Consignee ID:	80350
Consignee name:	SUI-SHA SUSHI JAPANESE RESTAUR
Consignee addess:	4117 KISSENA BLVD FLUSHING, NY 11355
General cause:	10
Transportation mode:	4
Date:	04/20/2000
Commodity name:	HYPOCHLORITE SOLUTN 5-16%
Trade name:	Not reported
Amount:	0.13 GAL
Result:	Spillage
Hazard Class:	80
ID Number:	UN1791
Hazardous:	False
R.Q. met:	False
Misc. info:	100 100
Vehicle Type:	Van truck/trailer
Trans. phase:	262
Land use:	272

(Continued) **2000026987**

Community:	281
Accident/Derailment:	False
Estimated speed:	F
Highway type:	999
number of lanes:	Not reported
Number evacuated:	0
Major injuries:	0
Minor injuries:	0
Fatalities:	0
Product loss:	100
Carrier damage:	0
Pvt/Pub damage:	0
Cleanup cost:	25
Other damage:	0
Reported damage:	125
Incident damage:	0

Inner and Outer Container Information:

Container type:	1H2
Container capacity:	5.00
Number failed:	1
Number in shipment:	1
Container gauge:	UN1H2/Y30/S/
Manufacture's ID:	24649
Manuf. name:	ECO-LABS INC ST PAUL, MN
Tank serial #:	Not reported
Label:	WHITE
Registration #:	M2014
Inspection date:	Not reported
Exemption #:	Not reported
Contributing cause:	Loose fitting
Contributing Object:	No object
Contributing failure:	LEAKED
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	Not reported
Number failed code:	Not reported
Shipment code number:	Not reported
Container type:	1H2
Container capacity:	5. GAL
Number failed:	1
Number in shipment:	1
Container gauge:	UN1H2/Y30/S/
Manufacture's ID:	24649
Manuf. name:	ECO-LABS INC ST PAUL, MN
Tank serial #:	Not reported
Label:	WHITE
Registration #:	M2014
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Loose fitting
Contributing Object:	No object
Contributing failure:	LEAKED
Affected side:	Top
Other contributing cause:	Closure

(Continued) **2000026987**

Capacity container code: 0
Number failed code: 0
Shipment code number: 0

Remarks:

THE PAIL WAS UNLOADED WITH LEAKAGE NOTED. EXAMINATION OF THE PAIL REVEALED THE PAIL HAD A LOOSE CAP/LID AND LEAKED. THE LEAKAGE WAS CONTAINED. THE CAP/LID WAS SECURED. THE PAIL WAS REPACKED FOR RETURN TO SHIPPER.

A82 **HMIRS** **2000018063**
55-90 47TH ST **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 81 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:

Report #:	2000010411
Site location:	55-90 47TH ST MASPETH, NY
Place of origin:	255 BLAIR ROAD AVENEL, NJ 07001
Destination:	AIRES COLOBIANOS 3764 90TH ST JACKSON HEIGHTS, NY 11372
Carrier ID:	22131
Carrier reporting #:	341441019
Carrier:	ROADWAY PACKAGE SYSTEM INC
Carrier address:	P O BOX 108 PITTSBURGH, PA 15230
Shipper ID:	24649
Shipper name:	ECO-LABS INC
Shipper address:	255 BLAIR ROAD AVENEL, NJ 07001
Shipping paper number:	07410510030249
Consignee ID:	80350
Consignee name:	AIRES COLOBIANOS
Consignee addess:	3764 90TH ST JACKSON HEIGHTS, NY 11372
General cause:	10
Transportation mode:	1A
Date:	12/22/1999
Commodity name:	HYPOCHLORITE SOLUTN >16%
Trade name:	‘
Amount:	3. GAL
Result:	Spillage
Hazard Class:	80
ID Number:	UN1791
Hazardous:	False
R.Q. met:	False
Misc. info:	100 100
Vehicle Type:	Van truck/trailer
Trans. phase:	263
Land use:	272
Community:	281
Accident/Derailment:	False
Estimated speed:	F

(Continued) **2000018063**

Highway type:	999
number of lanes:	Not reported
Number evacuated:	0
Major injuries:	0
Minor injuries:	0
Fatalities:	Not reported
Product loss:	100
Carrier damage:	0
Pvt/Pub damage:	0
Cleanup cost:	25
Other damage:	0
Reported damage:	125
Incident damage:	0

Inner and Outer Container Information:

Container type:	1H2
Container capacity:	5.00
Number failed:	1
Number in shipment:	1
Container gauge:	UN1H2/Y30/S/
Manufacture's ID:	24649
Manuf. name:	ECO-LABS INC ST PAUL, MN
Tank serial #:	Not reported
Label:	WHITE
Registration #:	M2014
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Loose fitting
Contributing Object:	No object
Contributing failure:	LEAKED
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	Not reported
Number failed code:	Not reported
Shipment code number:	Not reported

Remarks:

THE PAIL WAS UNLOADED WITH LEAKAGE NOTED. EXAMINATION OF THE PAIL REVEALED THE PAIL HAD A LOOSE CAP/LID AND LEAKED. THE LEAKAGE WAS CONTAINED. THE CAP/LID WAS SECURED. THE PAIL WAS REPACKED FOR RETURN TO SHIPPER.

A83 **HMIRS** **2000030760**

55-90 47TH ST **N/A**

< 1/8 **MASPETH, NY**

1 ft.

Site 82 of 159 in cluster A

Relative: **Lower**

Actual: **7 ft.**

HMIRS:

Report #:	2000060706
Site location:	55-90 47TH ST MASPETH, NY
Place of origin:	255 BLAIR ROAD AVENEL, NJ 07001
Destination:	MEGNA RESTAURANT 7414 37TH AVE

(Continued) **2000030760**

	JACKSON HEIGHTS, NY 11372
Carrier ID:	92098
Carrier reporting #:	34-144-1019
Carrier:	FEDEX GROUND PACKAGE SYSTEM IN
Carrier address:	P O BOX 108
	PITTSBURGH, PA 152300108
Shipper ID:	24649
Shipper name:	ECO-LABS INC
Shipper address:	255 BLAIR ROAD
	AVENEL, NJ 07001
Shipping paper number:	007184110468011
Consignee ID:	80350
Consignee name:	MEGNA RESTAURANT
Consignee addess:	7414 37TH AVE
	JACKSON HEIGHTS, NY 11372
General cause:	10
Transportation mode:	4
Date:	05/30/2000
Commodity name:	HYPOCHLORITE SOLUTN 5-16%
Trade name:	Not reported
Amount:	0.09 GAL
Result:	Spillage
Hazard Class:	80
ID Number:	UN1791
Hazardous:	False
R.Q. met:	False
Misc. info:	100 100
Vehicle Type:	Van truck/trailer
Trans. phase:	263
Land use:	271
Community:	281
Accident/Derailment:	False
Estimated speed:	F
Highway type:	999
number of lanes:	Not reported
Number evacuated:	0
Major injuries:	0
Minor injuries:	0
Fatalities:	0
Product loss:	100
Carrier damage:	0
Pvt/Pub damage:	0
Cleanup cost:	25
Other damage:	0
Reported damage:	125
Incident damage:	0

Inner and Outer Container Information:

Container type:	1H2
Container capacity:	5.00
Number failed:	1
Number in shipment:	1
Container gauge:	UN1H2/Y1.5/2
Manufacture's ID:	24649
Manuf. name:	ECO-LABS INC
	ST PAUL, MN
Tank serial #:	Not reported

(Continued) **2000030760**

Label:	WHITE
Registration #:	M2014
Inspection date:	Not reported
Exemption #:	Not reported
Contributing cause:	Loose fitting
Contributing Object:	No object
Contributing failure:	LEAKED
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	Not reported
Number failed code:	Not reported
Shipment code number:	Not reported
Container type:	1H2
Container capacity:	5. GAL
Number failed:	1
Number in shipment:	1
Container gauge:	UN1H2/Y1.5/2
Manufacture's ID:	24649
Manuf. name:	ECO-LABS INC ST PAUL, MN
Tank serial #:	Not reported
Label:	WHITE
Registration #:	M2014
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Loose fitting
Contributing Object:	No object
Contributing failure:	LEAKED
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	0
Number failed code:	0
Shipment code number:	0
Container type:	1H2
Container capacity:	5.00
Number failed:	1
Number in shipment:	1
Container gauge:	1H2/Y1.5/20/
Manufacture's ID:	24649
Manuf. name:	ECO-LABS INC ST PAUL, MN
Tank serial #:	Not reported
Label:	WHITE
Registration #:	M2014
Inspection date:	Not reported
Exemption #:	Not reported
Contributing cause:	Loose fitting
Contributing Object:	No object
Contributing failure:	LEAKED
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	Not reported
Number failed code:	Not reported
Shipment code number:	Not reported

Remarks:

(A - B) THE PAIL WAS UNLOADED WITH LEAKAGE NOTED. EXAMINATION OF THE

(Continued) **2000030760**

PAIL
REVEALED THE PAIL HAD LOOSE CAP/LID AND LEAKED. THE LEAKAGE WAS CONTAINED.
THE CAP/LID WAS SECURED. THE PAIL WAS REPACKED FOR RETURN TO SHIPPER.

A84 **HMIRS** **2000091496**
55-90 47TH ST **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 83 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:

Report #:	2000091496
Site location:	55-90 47TH ST MASPETH, NY
Place of origin:	255 BLAIR ROAD AVENEL, NJ 07001
Destination:	NUMBER ONE CHINESE 4220 BELL RD BAYSIDE, NY 11361
Carrier ID:	92098
Carrier reporting #:	34-144-1019
Carrier:	FEDEX GROUND PACKAGE SYSTEM IN
Carrier address:	P O BOX 108 PITTSBURGH, PA 152300108
Shipper ID:	24649
Shipper name:	ECO-LABS INC
Shipper address:	255 BLAIR ROAD AVENEL, NJ 07001
Shipping paper number:	007184110076698
Consignee ID:	80350
Consignee name:	NUMBER ONE CHINESE
Consignee addess:	4220 BELL RD BAYSIDE, NY 11361
General cause:	10
Transportation mode:	4
Date:	09/12/2000
Commodity name:	POTASSIUM HYDROXIDE SOLTN
Trade name:	Not reported
Amount:	0. GAL
Result:	Spillage
Hazard Class:	80
ID Number:	UN1814
Hazardous:	False
R.Q. met:	False
Misc. info:	100 100
Vehicle Type:	Van truck/trailer
Trans. phase:	263
Land use:	272
Community:	281
Accident/Derailment:	False
Estimated speed:	F
Highway type:	999
number of lanes:	0
Number evacuated:	0
Major injuries:	0
Minor injuries:	0
Fatalities:	0

(Continued) **2000091496**

Product loss:	100
Carrier damage:	0
Pvt/Pub damage:	0
Cleanup cost:	25
Other damage:	0
Reported damage:	125
Incident damage:	0

Inner and Outer Container Information:

Container type:	PAIL PLS
Container capacity:	5. GAL
Number failed:	1
Number in shipment:	1
Container gauge:	Not reported
Manufacture's ID:	24649
Manuf. name:	ECO-LABS INC AVENEL, NJ
Tank serial #:	Not reported
Label:	WHITE
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Loose fitting
Contributing Object:	No object
Contributing failure:	LEAKED
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	0
Number failed code:	0
Shipment code number:	0

Remarks:

THE PAIL WAS UNLOADED WITH LEAKAGE NOTED. EXAMINATION OF THE PAIL REVEALED
THE PAIL HAD A LOOSE CAP/LID AND LEAKED. THE LEAKAGE WAS CONTAINED. THE
CAP/LID WAS SECURED. THE PAIL WAS REPACKED FOR RETURN TO SHIPPER.

A85 **HMIRS** **2002022662**
55-90 47TH STREET **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 84 of 159 in cluster A

Relative: HMIRS:
Lower

Actual: Report #:	2002020901
7 ft. Site location:	55-90 47TH STREET MASPETH, NY
Place of origin:	101 FAIRVIEW AVE PITTSBURGH, PA 15206
Destination:	FOUR JAYS GROUP 88-05 76TH AVE GLENDALE, NY 11385
Carrier ID:	92098
Carrier reporting #:	34-144-1019
Carrier:	FEDEX GROUND PACKAGE SYSTEM IN
Carrier address:	P O BOX 108

(Continued) **2002022662**

	PITTSBURGH, PA 152300108
Shipper ID:	20113
Shipper name:	MATTHEWS INTERNATIONAL
Shipper address:	101 FAIRVIEW AVE
	PITTSBURGH, PA 15206
Shipping paper number:	015271610202913
Consignee ID:	80350
Consignee name:	FOUR JAYS GROUP
Consignee addess:	88-05 76TH AVE
	GLENDALE, NY 11385
General cause:	10
Transportation mode:	4
Date:	01/23/2002
Commodity name:	METHYL ETHYL KETONE
Trade name:	Not reported
Amount:	0.05 GAL
Result:	Spillage
Hazard Class:	30
ID Number:	UN1193
Hazardous:	False
R.Q. met:	False
Misc. info:	100 100
Vehicle Type:	Van truck/trailer
Trans. phase:	263
Land use:	271
Community:	281
Accident/Derailment:	False
Estimated speed:	F
Highway type:	999
number of lanes:	0
Number evacuated:	0
Major injuries:	0
Minor injuries:	0
Fatalities:	0
Product loss:	100
Carrier damage:	0
Pvt/Pub damage:	0
Cleanup cost:	425
Other damage:	0
Reported damage:	525
Incident damage:	0

Inner and Outer Container Information:

Container type:	JUG PLS
Container capacity:	1.00 GAL
Number failed:	1
Number in shipment:	2
Container gauge:	Not reported
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER
	UNKNOWN, XX
Tank serial #:	Not reported
Label:	Not reported
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Dropped

(Continued) **2002022662**

Contributing Object:	Roadway
Contributing failure:	Burst/int. pressure
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	0
Number failed code:	0
Shipment code number:	0
Container type:	4G
Container capacity:	2.00 GAL
Number failed:	1
Number in shipment:	1
Container gauge:	4G/Y10.7/S/0
Manufacture's ID:	20113
Manuf. name:	MATTHEWS INTERNATIONAL PITTSBURGH, PA
Tank serial #:	Not reported
Label:	RED
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway
Contributing failure:	Ripped
Affected side:	Bottom
Other contributing cause:	Package material
Capacity container code:	0
Number failed code:	0
Shipment code number:	0

Remarks:

THE PACKAGE WAS DROPPED IN HANDLING. EXAMINATION OF THE INNER CONTAINER
REVEALED A RUPTURED SEAM WHICH ALLOWED THE CONTENTS TO ESCAPE. THE LEAKAGE
WAS CONTAINED. THE UNDAMAGED PORTION OF THE PACKAGE WAS REPACKED FOR RETURN TO SHIPPER.

A86 **55-90 47 TH ST** **HMIRS** **2008436072**
55-90 47 TH ST **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 85 of 159 in cluster A

Relative: HMIRS:
Lower

Actual: Report #:	2007090127
7 ft. System ID:	436072
Report type:	A
Incident site:	55-90 47 th st MASPETH, NY 11378
Incident county:	queens
Incident country:	US
Incident date:	09/05/07
Incident time:	1544
NRC report #:	0
Other fed agency reported to:	Not reported
Other agency report #:	Not reported
Incident foreign country:	Not reported

55-90 47 TH ST (Continued) **2008436072**

Transportation mode:	4
Transportation phase:	263
Carrier DOT ID:	265752
Carrier Hazmat ID:	062904001002M
Carrier name:	Fedex Ground Package System, Inc.
Carrier address:	1000 Fedex Drive MOON TOWNSHIP, PA 15108
Carrier country:	US
Incident consequence:	Spillage
EMS/Fire crew responded:	Not reported
EMS/Fire crew report #:	Not reported
Police responded:	Not reported
Police report #:	Not reported
In-house cleanup occurred:	True
Other cleanup occurred:	Not reported
Estimated damages exceed $500:	False
Value of material lost:	0
Value of carrier loss:	0
Value of pub/priv property loss:	0
Response cost:	0
Remediation cost:	0

Details of fatalities by vapor/fire/explosion of hazardous material:

Did Fatalities occur:	False
No. of employee fatalities:	0
No. of responder fatalities:	0
No. of public fatalities:	0

Details of fatalities not due to hazardous material:

Did fatalities occur:	Not reported
No. of dead persons:	0

Details of injuries due to hazardous material:

Did injuries occur:	False
No. of employees hospitalized:	0
No. of employees not hospitalized:	0
No. of responders hospitalized:	0
No. of responders not hospitalized:	0
No. of public hospitalized:	0
No. of public not hospitalized:	0
Evacuation was required:	False
No. of employees evacuated:	0
No. of public evacuated:	0
Total number evacuated:	0
Evacuation time in hours:	0
Road/facility was closed:	False
No. of hours closed:	0
Hazmat invloved in crash/derailment:	False
Estimated speed of crash:	0
Crash weather conditions:	Not reported
Vehicle overturned:	Not reported
Did vehicle leave road/track:	Not reported
Where incident occurred/discovered:	Not reported
Shipment handling details:	Not reported

Incident report preparer details:

Preparer name:	Travis McEwen
Preparer title:	Safety Specialist III - Hazmat

55-90 47 TH ST (Continued) **2008436072**

Hazmat registration ID:	062904001002M
Employer business name:	Fedex Ground Package System, Inc.
Address:	1000 Fedex Drive
	MOON TOWNSHIP, PA 15108
Country:	US
Report date:	09/11/07
Telephone:	412-859-5061
Fax:	412-859-5045
Business type:	C
Preparer other function:	Not reported

Description of Events:

The package was unloaded with leakage noted on the box. Examination of the inner container revealed that the container(s) had loose cap(s) and leaked. The leakage was contained. The cap(s) were secured. The carton was wet but otherwise undamaged. The undamaged portion of the package was repacked for return to shipper.

Shipper Details:

Shipper ID:	436388
Shipper name:	prestiage labs
Address:	100 oak street
	EAST RUTHERFORD, NJ 07073
Shipper country:	US
Hazmat papers #:	29167700093130
Shipment origin:	Not reported
	Not reported
Shipment origin country:	US

Details of material being shipped:

Material ID:	442525
Material name:	POTASSIUM HYDROXIDE, SOLUTION
UN ID:	UN1814
Hazard class code:	80
Trade name:	Not reported
Packing group:	Not reported
Amount reported released:	4 Liter(s)
Amount released:	1.056700 Liter(s)
Material listed as hazardous waste:	False
EPA manifest number of haz. waste:	Not reported
Material listed as toxic inhalant:	False
Hazard zone of toxic inhalant:	Not reported
Material shipped under exemption/ approval/ Competent Authority Cert.	
	False
Exemption/approval/CAC number:	Not reported
Undeclared Hazmat shipment:	False
Package ID:	442931
Hazmat shipment destination:	5100 kings plaza
	BROOKLYN, NY 11234
Package type:	A
Package other description:	Not reported
Packaging markings:	Not reported
Package code:	77
Radioactive packaging indicator:	Not reported
Radioactive cert. indicator:	Not reported
Radioactive cert. No:	Not reported

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Rad. nuclide(s) present: Not reported
Transport index: Not reported
Radioactivity indicator: Not reported
Standardized activity: Not reported
Critical safety index: Not reported
Package layer ID: 604983
Package ID: 442931
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 604983
Package ID: 442931
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported

55-90 47 TH ST (Continued) **2008436072**

Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 604983
Package ID: 442931
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 604984
Package ID: 442931
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 604984

55-90 47 TH ST (Continued) **2008436072**

Package ID: 442931
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 604984
Package ID: 442931
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package fail ID: 509738
Fail Sequence: 1
What failed code: 109
How failed code: 308

55-90 47 TH ST (Continued) **2008436072**

Failure cause code:	508
Package ID:	442931
Hazmat shipment destination:	5100 kings plaza BROOKLYN, NY 11234
Package type:	A
Package other description:	Not reported
Packaging markings:	Not reported
Package code:	77
Radioactive packaging indicator:	Not reported
Radioactive cert. indicator:	Not reported
Radioactive cert. No:	Not reported
Rad. nuclide(s) present:	Not reported
Transport index:	Not reported
Radioactivity indicator:	Not reported
Standardized activity:	Not reported
Critical safety index:	Not reported
Package layer ID:	604983
Package ID:	442931
Package layer code:	O
Package type for non-bulk/IBC/non-specification package	Box
Material type of non-bulk/IBC/non-specification package	Fiberboard
Head type for non-bulk/IBC/non-specification package	Not reported
Reported package capacity:	0
Standardized package cap:	0
Reported amount of material in pkge:	0
Number of packages shipped:	0
No. of packages releasing mat.:	0
Packaging manufacturer:	Not reported
Packaging manufacturing date:	/ /
Package serial number:	Not reported
Pkge date of last testing/inspection:	/ /
Package construction material:	Not reported
Package design pressure:	0
Package shell thickness:	0
Package head thickness:	0
Package service pressure:	0
Valve device failed:	Not reported
Valve type:	Not reported
Valve manufacturer:	Not reported
Valve model:	Not reported
Package layer ID:	604983
Package ID:	442931
Package layer code:	O
Package type for non-bulk/IBC/non-specification package	Box
Material type of non-bulk/IBC/non-specification package	Fiberboard
Head type for non-bulk/IBC/non-specification package	Not reported
Reported package capacity:	0
Standardized package cap:	0
Reported amount of material in pkge:	0
Number of packages shipped:	0
No. of packages releasing mat.:	0

55-90 47 TH ST (Continued) **2008436072**

Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 604983
Package ID: 442931
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 604984
Package ID: 442931
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported

55-90 47 TH ST (Continued) **2008436072**

Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 604984
Package ID: 442931
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 604984
Package ID: 442931
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0

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Package shell thickness:	0.000
Package head thickness:	0.000
Package service pressure:	0
Valve device failed:	Not reported
Valve type:	Not reported
Valve manufacturer:	Not reported
Valve model:	Not reported
Package fail ID:	509738
Fail Sequence:	1
What failed code:	109
How failed code:	308
Failure cause code:	508
Package ID:	442931
Hazmat shipment destination:	Not reported
	BROOKLYN, NY 11234
Package type:	A
Package other description:	Not reported
Packaging markings:	Not reported
Package code:	77
Radioactive packaging indicator:	Not reported
Radioactive cert. indicator:	Not reported
Radioactive cert. No:	Not reported
Rad. nuclide(s) present:	Not reported
Transport index:	Not reported
Radioactivity indicator:	Not reported
Standardized activity:	Not reported
Critical safety index:	Not reported
Package layer ID:	604983
Package ID:	442931
Package layer code:	O
Package type for non-bulk/IBC/non-specification package	
	Box
Material type of non-bulk/IBC/non-specification package	
	Fiberboard
Head type for non-bulk/IBC/non-specification package	
	Not reported
Reported package capacity:	0
Standardized package cap:	0
Reported amount of material in pkge:	0
Number of packages shipped:	0
No. of packages releasing mat.:	0
Packaging manufacturer:	Not reported
Packaging manufacturing date:	/ /
Package serial number:	Not reported
Pkge date of last testing/inspection:	/ /
Package construction material:	Not reported
Package design pressure:	0
Package shell thickness:	0
Package head thickness:	0
Package service pressure:	0
Valve device failed:	Not reported
Valve type:	Not reported
Valve manufacturer:	Not reported
Valve model:	Not reported
Package layer ID:	604983
Package ID:	442931
Package layer code:	O

55-90 47 TH ST (Continued) **2008436072**

Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 604983
Package ID: 442931
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 604984
Package ID: 442931
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package

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Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 604984
Package ID: 442931
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 604984
Package ID: 442931
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported

55-90 47 TH ST (Continued) **2008436072**

Reported package capacity:	0.000000
Standardized package cap:	0.000000
Reported amount of material in pkge:	0.000000
Number of packages shipped:	0
No. of packages releasing mat.:	0
Packaging manufacturer:	Not reported
Packaging manufacturing date:	/ /
Package serial number:	Not reported
Pkge date of last testing/inspection:	/ /
Package construction material:	Not reported
Package design pressure:	0
Package shell thickness:	0.000
Package head thickness:	0.000
Package service pressure:	0
Valve device failed:	Not reported
Valve type:	Not reported
Valve manufacturer:	Not reported
Valve model:	Not reported
Package fail ID:	509738
Fail Sequence:	1
What failed code:	109
How failed code:	308
Failure cause code:	508
Material ID:	442525
Material name:	POTASSIUM HYDROXIDE, SOLUTION
UN ID:	UN1814
Hazard class code:	80
Trade name:	Not reported
Packing group:	Not reported
Amount reported released:	4.000000 Liter(s)
Amount released:	1.056700 Liter(s)
Material listed as hazardous waste:	False
EPA manifest number of haz. waste:	Not reported
Material listed as toxic inhalant:	False
Hazard zone of toxic inhalant:	Not reported
Material shipped under exemption/ approval/ Competent Authority Cert.	False
Exemption/approval/CAC number:	Not reported
Undeclared Hazmat shipment:	False
Package ID:	442931
Hazmat shipment destination:	5100 kings plaza BROOKLYN, NY 11234
Package type:	A
Package other description:	Not reported
Packaging markings:	Not reported
Package code:	77
Radioactive packaging indicator:	Not reported
Radioactive cert. indicator:	Not reported
Radioactive cert. No:	Not reported
Rad. nuclide(s) present:	Not reported
Transport index:	Not reported
Radioactivity indicator:	Not reported
Standardized activity:	Not reported
Critical safety index:	Not reported
Package layer ID:	604983
Package ID:	442931
Package layer code:	O

55-90 47 TH ST (Continued) **2008436072**

Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 604983
Package ID: 442931
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 604983
Package ID: 442931
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package

55-90 47 TH ST (Continued) **2008436072**

Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 604984
Package ID: 442931
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 604984
Package ID: 442931
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported

55-90 47 TH ST (Continued) **2008436072**

Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 604984
Package ID: 442931
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package fail ID: 509738
Fail Sequence: 1
What failed code: 109
How failed code: 308
Failure cause code: 508
Package ID: 442931
Hazmat shipment destination: 5100 kings plaza
BROOKLYN, NY 11234
Package type: A
Package other description: Not reported
Packaging markings: Not reported
Package code: 77

55-90 47 TH ST (Continued) **2008436072**

Radioactive packaging indicator: Not reported
Radioactive cert. indicator: Not reported
Radioactive cert. No: Not reported
Rad. nuclide(s) present: Not reported
Transport index: Not reported
Radioactivity indicator: Not reported
Standardized activity: Not reported
Critical safety index: Not reported
Package layer ID: 604983
Package ID: 442931
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 604983
Package ID: 442931
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0

55-90 47 TH ST (Continued) **2008436072**

Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 604983
Package ID: 442931
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 604984
Package ID: 442931
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported

55-90 47 TH ST (Continued) **2008436072**

Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 604984
Package ID: 442931
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 604984
Package ID: 442931
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package fail ID: 509738

55-90 47 TH ST (Continued) **2008436072**

Fail Sequence:	1
What failed code:	109
How failed code:	308
Failure cause code:	508
Package ID:	442931
Hazmat shipment destination:	Not reported
	BROOKLYN, NY 11234
Package type:	A
Package other description:	Not reported
Packaging markings:	Not reported
Package code:	77
Radioactive packaging indicator:	Not reported
Radioactive cert. indicator:	Not reported
Radioactive cert. No:	Not reported
Rad. nuclide(s) present:	Not reported
Transport index:	Not reported
Radioactivity indicator:	Not reported
Standardized activity:	Not reported
Critical safety index:	Not reported
Package layer ID:	604983
Package ID:	442931
Package layer code:	O
Package type for non-bulk/IBC/non-specification package	
	Box
Material type of non-bulk/IBC/non-specification package	
	Fiberboard
Head type for non-bulk/IBC/non-specification package	
	Not reported
Reported package capacity:	0
Standardized package cap:	0
Reported amount of material in pkge:	0
Number of packages shipped:	0
No. of packages releasing mat.:	0
Packaging manufacturer:	Not reported
Packaging manufacturing date:	/ /
Package serial number:	Not reported
Pkge date of last testing/inspection:	/ /
Package construction material:	Not reported
Package design pressure:	0
Package shell thickness:	0
Package head thickness:	0
Package service pressure:	0
Valve device failed:	Not reported
Valve type:	Not reported
Valve manufacturer:	Not reported
Valve model:	Not reported
Package layer ID:	604983
Package ID:	442931
Package layer code:	O
Package type for non-bulk/IBC/non-specification package	
	Box
Material type of non-bulk/IBC/non-specification package	
	Fiberboard
Head type for non-bulk/IBC/non-specification package	
	Not reported
Reported package capacity:	0
Standardized package cap:	0

55-90 47 TH ST (Continued) **2008436072**

Reported amount of material in pkge:0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 604983
Package ID: 442931
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge:0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 604984
Package ID: 442931
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge:0
Number of packages shipped: 0
No. of packages releasing mat.: 0

55-90 47 TH ST (Continued) **2008436072**

Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 604984
Package ID: 442931
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 604984
Package ID: 442931
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported

55-90 47 TH ST (Continued) **2008436072**

Pkge date of last testing/inspection:	/ /
Package construction material:	Not reported
Package design pressure:	0
Package shell thickness:	0.000
Package head thickness:	0.000
Package service pressure:	0
Valve device failed:	Not reported
Valve type:	Not reported
Valve manufacturer:	Not reported
Valve model:	Not reported
Package fail ID:	509738
Fail Sequence:	1
What failed code:	109
How failed code:	308
Failure cause code:	508

A87 **55-90 47 TH ST** **HMIRS** **2008436085**
55-90 47 TH ST **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 86 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:

Report #:	2007090140
System ID:	436085
Report type:	A
Incident site:	55-90 47 th st MASPETH, NY 11378
Incident county:	queens
Incident country:	US
Incident date:	09/06/07
Incident time:	0858
NRC report #:	0
Other fed agency reported to:	Not reported
Other agency report #:	Not reported
Incident foreign country:	Not reported
Transportation mode:	4
Transportation phase:	263
Carrier DOT ID:	265752
Carrier Hazmat ID:	062904001002M
Carrier name:	Fedex Ground Package System, Inc.
Carrier address:	1000 Fedex Drive MOON TOWNSHIP, PA 15108
Carrier country:	US
Incident consequence:	Spillage
EMS/Fire crew responded:	Not reported
EMS/Fire crew report #:	Not reported
Police responded:	Not reported
Police report #:	Not reported
In-house cleanup occurred:	True
Other cleanup occurred:	Not reported
Estimated damages exceed $500:	False
Value of material lost:	0
Value of carrier loss:	0
Value of pub/priv property loss:	0
Response cost:	0
Remediation cost:	0

55-90 47 TH ST (Continued) **2008436085**

Details of fatalities by vapor/fire/explosion of hazardous material:
- Did Fatalities occur: False
- No. of employee fatalities: 0
- No. of responder fatalities: 0
- No. of public fatalities: 0

Details of fatalities not due to hazardous material:
- Did fatalities occur: Not reported
- No. of dead persons: 0

Details of injuries due to hazardous material:
- Did injuries occur: False
- No. of employees hospitalized: 0
- No. of employees not hospitalized: 0
- No. of responders hospitalized: 0
- No. of responders not hospitalized: 0
- No. of public hospitalized: 0
- No. of public not hospitalized: 0
- Evacuation was required: False
- No. of employees evacuated: 0
- No. of public evacuated: 0
- Total number evacuated: 0
- Evacuation time in hours: 0
- Road/facility was closed: False
- No. of hours closed: 0
- Hazmat invloved in crash/derailment: False
- Estimated speed of crash: 0
- Crash weather conditions: Not reported
- Vehicle overturned: Not reported
- Did vehicle leave road/track: Not reported
- Where incident occurred/discovered: Not reported
- Shipment handling details: Not reported

Incident report preparer details:
- Preparer name: Travis McEwen
- Preparer title: Safety Specialist III - Hazmat
- Hazmat registration ID: 062904001002M
- Employer business name: Fedex Ground Package System, Inc.
- Address: 1000 Fedex Drive
  MOON TOWNSHIP, PA 15108
- Country: US
- Report date: 09/11/07
- Telephone: 412-859-5061
- Fax: 412-859-5045
- Business type: C
- Preparer other function: Not reported

Description of Events:

The package was unloaded with leakage noted on the box. Examination of the inner container revealed that the container(s) had loose cap(s) and leaked. The leakage was contained. The cap(s) were secured. The carton was wet but otherwise undamaged. The undamaged portion of the package was repacked for return to shipper.

Shipper Details:
- Shipper ID: 436401
- Shipper name: prestiage labs

55-90 47 TH ST (Continued) **2008436085**

Address: 100 oak st
EAST RUTHERFORD, NJ 07073
Shipper country: US
Hazmat papers #: 29167700093147
Shipment origin: Not reported
Not reported
Shipment origin country: US

Details of material being shipped:
Material ID: 442538
Material name: POTASSIUM HYDROXIDE, SOLUTION
UN ID: UN1814
Hazard class code: 80
Trade name: Not reported
Packing group: Not reported
Amount reported released: 5 Liter(s)
Amount released: 1.320900 Liter(s)
Material listed as hazardous waste: False
EPA manifest number of haz. waste: Not reported
Material listed as toxic inhalant: False
Hazard zone of toxic inhalant: Not reported
Material shipped under exemption/ approval/ Competent Authority Cert.
False
Exemption/approval/CAC number: Not reported
Undeclared Hazmat shipment: False
Package ID: 442944
Hazmat shipment destination: 5100 kings plaza
BROOKLYN, NY 11234
Package type: A
Package other description: Not reported
Packaging markings: Not reported
Package code: 77
Radioactive packaging indicator: Not reported
Radioactive cert. indicator: Not reported
Radioactive cert. No: Not reported
Rad. nuclide(s) present: Not reported
Transport index: Not reported
Radioactivity indicator: Not reported
Standardized activity: Not reported
Critical safety index: Not reported
Package layer ID: 605008
Package ID: 442944
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported

55-90 47 TH ST (Continued) **2008436085**

Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 605008
Package ID: 442944
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 605008
Package ID: 442944
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0

55-90 47 TH ST (Continued) **2008436085**

Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 605009
Package ID: 442944
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 605009
Package ID: 442944
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0

55-90 47 TH ST (Continued) **2008436085**

Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 605009
Package ID: 442944
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package fail ID: 509751
Fail Sequence: 1
What failed code: 109
How failed code: 308
Failure cause code: 508
Package ID: 442944
Hazmat shipment destination: 5100 kings plaza
BROOKLYN, NY 11234
Package type: A
Package other description: Not reported
Packaging markings: Not reported
Package code: 77
Radioactive packaging indicator: Not reported
Radioactive cert. indicator: Not reported
Radioactive cert. No: Not reported
Rad. nuclide(s) present: Not reported
Transport index: Not reported
Radioactivity indicator: Not reported
Standardized activity: Not reported
Critical safety index: Not reported
Package layer ID: 605008
Package ID: 442944
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package

55-90 47 TH ST (Continued) **2008436085**

Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 605008
Package ID: 442944
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 605008
Package ID: 442944
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported

55-90 47 TH ST (Continued) **2008436085**

Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 605009
Package ID: 442944
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 605009
Package ID: 442944
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0

55-90 47 TH ST (Continued) **2008436085**

Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 605009
Package ID: 442944
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package fail ID: 509751
Fail Sequence: 1
What failed code: 109
How failed code: 308
Failure cause code: 508
Package ID: 442944
Hazmat shipment destination: Not reported
BROOKLYN, NY 11234
Package type: A
Package other description: Not reported
Packaging markings: Not reported
Package code: 77
Radioactive packaging indicator: Not reported
Radioactive cert. indicator: Not reported
Radioactive cert. No: Not reported

55-90 47 TH ST (Continued) **2008436085**

Rad. nuclide(s) present: Not reported
Transport index: Not reported
Radioactivity indicator: Not reported
Standardized activity: Not reported
Critical safety index: Not reported
Package layer ID: 605008
Package ID: 442944
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 605008
Package ID: 442944
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported

55-90 47 TH ST (Continued) **2008436085**

Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 605008
Package ID: 442944
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 605009
Package ID: 442944
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 605009

55-90 47 TH ST (Continued) **2008436085**

Package ID: 442944
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 605009
Package ID: 442944
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package fail ID: 509751
Fail Sequence: 1
What failed code: 109
How failed code: 308

55-90 47 TH ST (Continued) **2008436085**

Failure cause code:	508
Material ID:	442538
Material name:	POTASSIUM HYDROXIDE, SOLUTION
UN ID:	UN1814
Hazard class code:	80
Trade name:	Not reported
Packing group:	Not reported
Amount reported released:	5.000000 Liter(s)
Amount released:	1.320900 Liter(s)
Material listed as hazardous waste:	False
EPA manifest number of haz. waste:	Not reported
Material listed as toxic inhalant:	False
Hazard zone of toxic inhalant:	Not reported
Material shipped under exemption/ approval/ Competent Authority Cert.	False
Exemption/approval/CAC number:	Not reported
Undeclared Hazmat shipment:	False
Package ID:	442944
Hazmat shipment destination:	5100 kings plaza BROOKLYN, NY 11234
Package type:	A
Package other description:	Not reported
Packaging markings:	Not reported
Package code:	77
Radioactive packaging indicator:	Not reported
Radioactive cert. indicator:	Not reported
Radioactive cert. No:	Not reported
Rad. nuclide(s) present:	Not reported
Transport index:	Not reported
Radioactivity indicator:	Not reported
Standardized activity:	Not reported
Critical safety index:	Not reported
Package layer ID:	605008
Package ID:	442944
Package layer code:	O
Package type for non-bulk/IBC/non-specification package	Box
Material type of non-bulk/IBC/non-specification package	Fiberboard
Head type for non-bulk/IBC/non-specification package	Not reported
Reported package capacity:	0
Standardized package cap:	0
Reported amount of material in pkge:	0
Number of packages shipped:	0
No. of packages releasing mat.:	0
Packaging manufacturer:	Not reported
Packaging manufacturing date:	/ /
Package serial number:	Not reported
Pkge date of last testing/inspection:	/ /
Package construction material:	Not reported
Package design pressure:	0
Package shell thickness:	0
Package head thickness:	0
Package service pressure:	0
Valve device failed:	Not reported
Valve type:	Not reported

55-90 47 TH ST (Continued) **2008436085**

Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 605008
Package ID: 442944
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 605008
Package ID: 442944
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 605009

55-90 47 TH ST (Continued) **2008436085**

Package ID: 442944
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 605009
Package ID: 442944
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 605009
Package ID: 442944
Package layer code: I
Package type for non-bulk/IBC/non-specification package

55-90 47 TH ST (Continued) **2008436085**

Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package fail ID: 509751
Fail Sequence: 1
What failed code: 109
How failed code: 308
Failure cause code: 508
Package ID: 442944
Hazmat shipment destination: 5100 kings plaza
BROOKLYN, NY 11234
Package type: A
Package other description: Not reported
Packaging markings: Not reported
Package code: 77
Radioactive packaging indicator: Not reported
Radioactive cert. indicator: Not reported
Radioactive cert. No: Not reported
Rad. nuclide(s) present: Not reported
Transport index: Not reported
Radioactivity indicator: Not reported
Standardized activity: Not reported
Critical safety index: Not reported
Package layer ID: 605008
Package ID: 442944
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0

55-90 47 TH ST (Continued) **2008436085**

Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 605008
Package ID: 442944
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 605008
Package ID: 442944
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported

55-90 47 TH ST (Continued) **2008436085**

Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 605009
Package ID: 442944
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 605009
Package ID: 442944
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0

55-90 47 TH ST (Continued) **2008436085**

Package shell thickness:	0
Package head thickness:	0
Package service pressure:	0
Valve device failed:	Not reported
Valve type:	Not reported
Valve manufacturer:	Not reported
Valve model:	Not reported
Package layer ID:	605009
Package ID:	442944
Package layer code:	I
Package type for non-bulk/IBC/non-specification package	Bottle
Material type of non-bulk/IBC/non-specification package	Plastic
Head type for non-bulk/IBC/non-specification package	Not reported
Reported package capacity:	0.000000
Standardized package cap:	0.000000
Reported amount of material in pkge:	0.000000
Number of packages shipped:	0
No. of packages releasing mat.:	0
Packaging manufacturer:	Not reported
Packaging manufacturing date:	/ /
Package serial number:	Not reported
Pkge date of last testing/inspection:	/ /
Package construction material:	Not reported
Package design pressure:	0
Package shell thickness:	0.000
Package head thickness:	0.000
Package service pressure:	0
Valve device failed:	Not reported
Valve type:	Not reported
Valve manufacturer:	Not reported
Valve model:	Not reported
Package fail ID:	509751
Fail Sequence:	1
What failed code:	109
How failed code:	308
Failure cause code:	508
Package ID:	442944
Hazmat shipment destination:	Not reported
	BROOKLYN, NY 11234
Package type:	A
Package other description:	Not reported
Packaging markings:	Not reported
Package code:	77
Radioactive packaging indicator:	Not reported
Radioactive cert. indicator:	Not reported
Radioactive cert. No:	Not reported
Rad. nuclide(s) present:	Not reported
Transport index:	Not reported
Radioactivity indicator:	Not reported
Standardized activity:	Not reported
Critical safety index:	Not reported
Package layer ID:	605008
Package ID:	442944
Package layer code:	O

55-90 47 TH ST (Continued) **2008436085**

Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 605008
Package ID: 442944
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 605008
Package ID: 442944
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package

55-90 47 TH ST (Continued) **2008436085**

Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 605009
Package ID: 442944
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 605009
Package ID: 442944
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported

55-90 47 TH ST (Continued) **2008436085**

Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 605009
Package ID: 442944
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package fail ID: 509751
Fail Sequence: 1
What failed code: 109
How failed code: 308
Failure cause code: 508

A88 **HMIRS** **2002044519**
N/A

55-90 47TH ST
< 1/8 **MASPETH, NY**
1 ft.

Site 87 of 159 in cluster A

Relative: HMIRS:
Lower

Actual: Report #: 2002040381
7 ft. Site location: 55-90 47TH ST
MASPETH, NY
Place of origin: 260 HUDSON RIVER RD
WATERFORD, NY 12188
Destination: GARVIN BROWN CONSTRUCTION
47-46 A 30TH ST
LONG ISLAND CITY, NY 11101
Carrier ID: 92098
Carrier reporting #: 34-144-1019
Carrier: FEDEX GROUND PACKAGE SYSTEM IN
Carrier address: P O BOX 108
PITTSBURGH, PA 152300108
Shipper ID: 13776
Shipper name: GENERAL ELECTRIC CO
Shipper address: 260 HUDSON RIVER RD
WATERFORD, NY 12188
Shipping paper number: 010836900816802
Consignee ID: 80350
Consignee name: GARVIN BROWN CONSTRUCTION
Consignee addess: 47-46 A 30TH ST
LONG ISLAND CITY, NY 11101
General cause: 10
Transportation mode: 4
Date: 03/29/2002
Commodity name: FLAMMABLE LIQUIDS N.O.S.
Trade name: SILICONE SOLUTION
Amount: 0.05 GAL
Result: Spillage
Hazard Class: 30
ID Number: UN1993
Hazardous: False
R.Q. met: False
Misc. info: 100 100
Vehicle Type: Van truck/trailer
Trans. phase: 263
Land use: 271
Community: 281
Accident/Derailment: False
Estimated speed: F
Highway type: 999
number of lanes: 0
Number evacuated: 0
Major injuries: 0
Minor injuries: 0
Fatalities: 0
Product loss: 100
Carrier damage: 0
Pvt/Pub damage: 0
Cleanup cost: 425
Other damage: 0
Reported damage: 525

(Continued) **2002044519**

Incident damage: 0

Inner and Outer Container Information:
Container type: 1A1
Container capacity: 2.50 GAL
Number failed: 1
Number in shipment: 1
Container gauge: 1A1/X1.5/250
Manufacture's ID: 13776
Manuf. name: GENERAL ELECTRIC CO
WATERFORD, NY
Tank serial #: Not reported
Label: RED
Registration #: Not reported
Inspection date: / /
Exemption #: Not reported
Contributing cause: Improper loading
Contributing Object: Roadway
Contributing failure: Ruptured
Affected side: Bottom
Other contributing cause: Package material
Capacity container code: 0
Number failed code: 0
Shipment code number: 0

Remarks:

THE PAIL WAS DROPPED DURING HANDLING CAUSING LEAKAGE. THE LEAKAGE WAS CONTAINED AND THE PACKAGE WAS REPACKED. UNDAMAGED PRODUCT WAS RETURNED TO
THE SHIPPER. THE DAMAGED PRODUCT WAS PROPERLY DISPOSED OF IN ACCORDANCE
WITH FEDERAL REGULATIONS.

A89 **55-90 47 TH ST** **HMIRS** **2008451776**
55-90 47 TH ST **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 88 of 159 in cluster A

Relative: HMIRS:
Lower
Actual: Report #: 2008050323
7 ft. System ID: 451776
Report type: A
Incident site: 55-90 47 th st
MASPETH, NY 11378
Incident county: queens
Incident country: US
Incident date: 05/09/08
Incident time: 1235
NRC report #: 0
Other fed agency reported to: Not reported
Other agency report #: Not reported
Incident foreign country: Not reported
Transportation mode: 4
Transportation phase: 263
Carrier DOT ID: 265752
Carrier Hazmat ID: 062904001002M

55-90 47 TH ST (Continued) **2008451776**

Carrier name:	Fedex Ground Package System, Inc.
Carrier address:	1000 Fedex Drive
	MOON TOWNSHIP, PA 15108
Carrier country:	US
Incident consequence:	Spillage
EMS/Fire crew responded:	Not reported
EMS/Fire crew report #:	Not reported
Police responded:	Not reported
Police report #:	Not reported
In-house cleanup occurred:	Not reported
Other cleanup occurred:	True
Estimated damages exceed $500:	False
Value of material lost:	0
Value of carrier loss:	0
Value of pub/priv property loss:	0
Response cost:	0
Remediation cost:	0

Details of fatalities by vapor/fire/explosion of hazardous material:

Did Fatalities occur:	False
No. of employee fatalities:	0
No. of responder fatalities:	0
No. of public fatalities:	0

Details of fatalities not due to hazardous material:

Did fatalities occur:	Not reported
No. of dead persons:	0

Details of injuries due to hazardous material:

Did injuries occur:	False
No. of employees hospitalized:	0
No. of employees not hospitalized:	0
No. of responders hospitalized:	0
No. of responders not hospitalized:	0
No. of public hospitalized:	0
No. of public not hospitalized:	0
Evacuation was required:	False
No. of employees evacuated:	0
No. of public evacuated:	0
Total number evacuated:	0
Evacuation time in hours:	0
Road/facility was closed:	False
No. of hours closed:	0
Hazmat invloved in crash/derailment:	False
Estimated speed of crash:	0
Crash weather conditions:	Not reported
Vehicle overturned:	Not reported
Did vehicle leave road/track:	Not reported
Where incident occurred/discovered:	Not reported
Shipment handling details:	Not reported

Incident report preparer details:

Preparer name:	Travis McEwen
Preparer title:	Safety Specialist III - Hazmat
Hazmat registration ID:	062904001002M
Employer business name:	Fedex Ground Package System, Inc.
Address:	1000 Fedex Drive
	MOON TOWNSHIP, PA 15108

55-90 47 TH ST (Continued) **2008451776**

Country:	US
Report date:	05/29/08
Telephone:	412-859-5061
Fax:	412-859-5045
Business type:	C
Preparer other function:	Not reported

Description of Events:

The package was unloaded with leakage noted on the box. Examination of the inner container revealed that the container(s) had loose cap(s) and leaked. The leakage was contained. The cap(s) were secured. The carton was wet but otherwise undamaged. The undamaged portion of the package was repacked for return to shipper.

Shipper Details:

Shipper ID:	451943
Shipper name:	GRAPHLINE CO
Address:	5945 W 84TH ST STE A INDIANAPOLIS, IN 46278
Shipper country:	US
Hazmat papers #:	199384860323961
Shipment origin:	Not reported Not reported
Shipment origin country:	US

Details of material being shipped:

Material ID:	458090
Material name:	COMPOUND, CLEANING, LIQUID
UN ID:	NA1993
Hazard class code:	30
Trade name:	Not reported
Packing group:	Not reported
Amount reported released:	1.000000 Gallon(s)
Amount released:	1.000000 Gallon(s)
Material listed as hazardous waste:	False
EPA manifest number of haz. waste:	Not reported
Material listed as toxic inhalant:	False
Hazard zone of toxic inhalant:	Not reported
Material shipped under exemption/ approval/ Competent Authority Cert.	False
Exemption/approval/CAC number:	Not reported
Undeclared Hazmat shipment:	False
Package ID:	458388
Hazmat shipment destination:	Not reported BRONX, NY 10461
Package type:	A
Package other description:	Not reported
Packaging markings:	Not reported
Package code:	77
Radioactive packaging indicator:	Not reported
Radioactive cert. indicator:	Not reported
Radioactive cert. No:	Not reported
Rad. nuclide(s) present:	Not reported
Transport index:	Not reported
Radioactivity indicator:	Not reported
Standardized activity:	Not reported

55-90 47 TH ST (Continued) **2008451776**

Critical safety index: Not reported
Package layer ID: 626385
Package ID: 458388
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 626386
Package ID: 458388
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Can
Material type of non-bulk/IBC/non-specification package
Metal (any type)
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package fail ID: 524713
Fail Sequence: 1

55-90 47 TH ST (Continued) **2008451776**

What failed code: 109
How failed code: 308
Failure cause code: 526

A90 **55-90 47 TH ST** **HMIRS** **2011004688**
55-90 47 TH ST **N/A**
< 1/8 **MASPETH, NY 11378**
1 ft.

Site 89 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:

Report Number:	X-2011060191
Report Source:	XML
Multiple Rows per Incident:	No
Report Type:	A hazardous material incident
Date of Incident:	05/26/2011
Time of Incident:	0600
NRC Number:	Not reported
Fed DOT Agency Name:	Not reported
Fed DOT Report #:	Not reported
Incident City:	Maspeth
Incident County:	Queen
Incident State:	NY
Incident Zip:	11378
Incident Non-US State:	Not reported
Incident Country:	US
Incident Route:	55-90 47 th st
Mode of Transportation:	Highway
Transportation Phase:	UNLOADING
Carrier/Reporter Name:	FEDEX GROUND PACKAGE SYSTEM INC.
Carrier/Reporter Street:	1000 FED EX DR
Carrier/Reporter City:	CORAOPOLIS
Carrier/Reporter State:	PA
Carrier/Reporter Zip:	15108
Carrier/Reporter Non-US State:	Not reported
Carrier/Reporter FED DOT ID:	1470984
Carrier/Reporter HAZMAT ID:	051910551007S
Carrier/Reporter Country:	US
Shipper Name:	CMP EXPORT CO. INC.
Shipper Street:	413 N PEARL ST
Shipper City:	ALBANY
Shipper State:	NY
Shipper Zip:	12207
Shipper Non-US State:	Not reported
Shipper Country:	US
Waybill/Shipping Paper:	12344830644757
Shipper HAZMAT Registration ID:	Not reported
Origin City:	ALBANY
Origin State:	NE
Origin Zip:	12207
Origin Non-US State:	Not reported
Origin Country:	US
Destination City:	BROOKLYN
Destination State:	Not reported
Destination Postal Code:	Not reported
Destination Non-US State:	Not reported
Destination Country:	US
Commodity Short Name:	ETHYL ALCOHOL

55-90 47 TH ST (Continued) **2011004688**

Commodity Long Name:	ETHYL ALCOHOL
Technical/Trade Name:	Not reported
Identification Number:	UN1170
Hazardous Class Code:	3
Hazardous Class:	FLAMMABLE - COMBUSTIBLE LIQUID
Packing Group:	II
Quantity Released:	0.039062
Unit of Measure:	LGA
Unit of Measure Description:	Liquid - Gallon
HAZMAT Waste Indicator:	No
HAZMAT Waste EPA ID:	Not reported
HMIS Toxic by Inhalation:	No
TIH Hazard Zone:	Not reported
Material Shipment Approval:	No
Mat. Shipment Approval #:	Not reported
Undeclared HAZMAT Shipment:	No
Packaging Type:	Non-Bulk
What Failed Code:	109
What Failed Description:	Closure (e.g. Cap Top or Plug)
How Failed Code:	308
How Failed Description:	Leaked
Failure Cause Code:	526
Failure Cause Description:	Loose Closure Component or Device
Identification Markings:	Not reported
Cont1 Packaging Type:	Box
Cont1 Material of Construction:	Fiberboard
Cont1 Head Type:	Not reported
Cont1 Package Capacity:	Not reported
Cont1 Package Capacity UOM:	Not reported
Cont1 Package Amount:	Not reported
Cont1 Package Amount UOM:	Not reported
Cont1 Pkg Number:	Not reported
Cont1 Pkg Shipment # Failed:	Not reported
Cont1 Package Manufacturer:	Not reported
Cont1 Pkg Manufacturer Date:	Not reported
Cont1 Package Serial Number:	Not reported
Cont1 Package Last Test Date:	Not reported
Cont1 Test Material Of Const:	Not reported
Cont1 Pkg Dsign Pressure Rpted:	Not reported
Cont1 Dsign Pressure UOM Rpted:	Not reported
Cont1 Pkg Shell Thickness Rptd:	Not reported
Cont1 Shell Thickness UOM Rptd:	Not reported
Cont1 Head Thickness Reported:	Not reported
Cont1 Head Thickness UOM Rpted:	Not reported
Cont1 Pkg Srvc Pressure Rpted:	Not reported
Cont1 Srvc Pressure UOM Rpted:	Not reported
Cont1 Valve or Device Fail Ind:	No
Cont1 Valve or Device Type:	Not reported
Cont1 Val Device Manufacturer:	Not reported
Cont1 Valve or Device Model:	Not reported
Cont2 Package Type:	Bottle
Cont2 Material of Construction:	Plastic
Cont2 Package Capacity:	Not reported
Cont2 Capacity UOM Reported:	Not reported
Cont2 Package Amount:	Not reported
Cont2 Package Amount UOM:	Not reported
Cont2 Pkg Number in Shipment:	Not reported

55-90 47 TH ST (Continued) **2011004688**

Cont2 Pkg Shipment # Failed:	Not reported
RAM Package Category:	Not reported
RAM Package Certification:	FALSE
RAM Package Certification #:	Not reported
RAM Nuclide(s) Present:	Not reported
RAM Transport Index:	Not reported
RAM UOM:	Not reported
RAM Activity Rpted:	Not reported
RAM UOM Rpted:	Not reported
RAM Activity:	Not reported
RAM Activity UOM:	Not reported
RAM Material Safety Index:	Not reported
Spillage (Ind:	Yes
Fire Ind:	No
Explosion Ind:	No
Water Sewer Ind:	No
Gas Dispersion Ind:	No
Environmental Damage:	No
No Release Ind:	No
Fire/EMS Report Ind:	No
Fire EMS/EMS Report #:	Not reported
Police Report Ind:	No
Police Report #:	Not reported
In-House Cleanup Ind:	No
Other Cleanup Ind:	No
Damage More Than 500:	No
Material Loss:	0
Carrier Damage:	0
Property Damage:	0
Response Cost:	0
Remediation Cleanup Cost:	0
Damage Other (Old Form):	0
Total Amount of Damages:	0
HAZMAT Fatality Indicator:	No
HAZMAT Fatalities Employees:	0
HAZMAT Fatalities Responders:	0
HAZMAT Fatality Gen. Public:	0
Hazmat Fatalities (Old Form):	0
Total Hazmat Fatalities:	Not reported
Non_HAZMAT Fatality Indicator:	No
Non-HAZMAT Fatalities:	0
HAZMAT Injury Indicator:	No
HAZMAT Hospitalized Employees:	0
HAZMAT Hospitalized Responders:	0
HAZMAT Hospitalized Gen Public:	0
HAZMAT Hospitalized (Old Form):	0
Total Hazmat Hosp Injuries:	0
HAZMAT NonHosp Employees:	0
HAZMAT NonHosp Responders:	0
HAZMAT NonHosp Gen. Public:	0
HAZMAT NonHosp (Old Form):	0
Total Hazmat NonHosp Injuries:	0
Total Hazmat Injuries:	0
Evacuation Indicator:	No
Public Evacuated:	0
Employees Evacuated:	0
Total Evacuated:	0

55-90 47 TH ST (Continued) **2011004688**

Total Evacuation Hours:	0
Major Artery Closed:	No
Major Artery Hours Closed:	0
Material Involved in Accident:	No
Estimated Speed:	0
Weather Conditions:	Not reported
Vehicle Overturn:	No
Vehicle Left Roadway/Track:	No
Passenger Aircraft Indicator:	No
Cargo Passenger Baggage Ind:	Not reported
Incident Occurrence:	Not reported
Shipphase Non-Transported Ind:	No
Shipphase Air First Flight Ind:	No
Shipphase Air SubFlight Ind:	No
Shipphase Init Transport Ind:	No
Shipphase Transfer Indicator:	No
Contact Name:	GEORGE FETSKO
Contact Title:	SAFETY PROCESS SPECIALIST I - HAZMAT
Contact Business Name:	Fedex Ground Package System Inc.
Contact Street:	1000 Fedex Drive
Contact City:	Moon Township
Contact State:	PA
Contact Postal Code:	15108
Contact Non-US State:	Not reported
Contact Country:	US
Preparer of Incident Report:	Carrier
Description of Events:	The package was unloaded with leakage noted on the box. Examination of the inner container revealed that the container(s) had loose cap(s) and leaked. The leakage was contained. The cap(s) were secured. The carton was wet but otherwise undamaged. The undamaged portion of the package was repacked for return to shipper.
Recommendations/Actions Taken:	Not reported
Recommendations/Actions:	Not reported
HMIS Serious Incident Ind:	No
HMIS Serious Fatality:	No
HMIS Serious Injury:	No
HMIS Serious Flight Plan:	No
HMIS Serious Evacuations:	No
HMIS Serious Major Artery:	No
HMIS Serious Bulk Release:	No
HMIS Serious Marine Pollutant:	No
HMIS Serious Radioactive:	No
HMIS General Package Type:	OHMIR.Ref_Container.descr
HMIS Container Code:	BOX FBR
HMIS Container Description:	Fiberboard box or carton
HMIS Bulk Incident Indicator:	No
Undeclared Shipment:	No

A91 **HMIRS** **9998100699**
N/A

55-90 47TH ST
< 1/8 **QUEENS, NY**
1 ft.

Site 90 of 159 in cluster A

Relative: HMIRS:
Higher

Actual:
9 ft.

Report #:	1998100699
Site location:	55-90 47TH ST QUEENS, NY
Place of origin:	830 ERIE ST PAINESVILLE, OH 44077
Destination:	COLORBAR ART INC 51-65 35TH ST LONG ISLAND CITY, NY 11101
Carrier ID:	22131
Carrier reporting #:	34 144 1019
Carrier:	ROADWAY PACKAGE SYSTEM INC
Carrier address:	P O BOX 108 PITTSBURGH, PA 15230 010
Shipper ID:	85703
Shipper name:	ECKHART AMERICAL L P
Shipper address:	830 ERIE ST PAINESVILLE, OH 44077
Shipping paper number:	440 441030007457
Consignee ID:	80350
Consignee name:	COLORBAR ART INC
Consignee addess:	51-65 35TH ST LONG ISLAND CITY, NY 11101
General cause:	10
Transportation mode:	Not reported
Date:	09/17/98
Commodity name:	METAL POWDERS FLAM N.O.S.
Trade name:	COPPER ZINC ALLOY
Amount:	2.00 LBS
Result:	Spillage
Hazard Class:	41
ID Number:	UN3089
Hazardous:	False
R.Q. met:	False
Misc. info:	100 100
Vehicle Type:	Van truck/trailer
Trans. phase:	262
Land use:	272
Community:	282
Accident/Derailment:	False
Estimated speed:	F
Highway type:	999
number of lanes:	0
Number evacuated:	0
Major injuries:	0
Minor injuries:	0
Fatalities:	0
Product loss:	100
Carrier damage:	0
Pvt/Pub damage:	0
Cleanup cost:	25
Other damage:	0
Reported damage:	125

(Continued) **9998100699**

Incident damage: 0

Inner and Outer Container Information:

Container type:	DRUM MTL
Container capacity:	100.00
Number failed:	1
Number in shipment:	1
Container gauge:	Not reported
Manufacture's ID:	16222
Manuf. name:	Not reported UNKNOWN, XX
Tank serial #:	Not reported
Label:	Not reported
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Water
Contributing failure:	Burst/int. pressure
Affected side:	Top
Other contributing cause:	Fitting valve
Capacity container code:	Not reported
Number failed code:	Not reported
Shipment code number:	Not reported
Container type:	BOX FBR
Container capacity:	100.00
Number failed:	1
Number in shipment:	1
Container gauge:	Not reported
Manufacture's ID:	16222
Manuf. name:	Not reported UNKNOWN, XX
Tank serial #:	Not reported
Label:	RED
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	LEAKED
Contributing Object:	No object
Contributing failure:	LEAKED
Affected side:	Bottom
Other contributing cause:	Package material
Capacity container code:	Not reported
Number failed code:	Not reported
Shipment code number:	Not reported

Remarks:

The package was dropped in handling. Examination of the metal drum revealed a burst seam which allowed the contents to escape. The leakage was contained. The package was repacked for return to the shipper.

A92 **55-90 47TH ST** **HMIRS** **2007435318**
55-90 47TH ST **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 91 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:

Report #:	2006070065
System ID:	410734
Report type:	A
Incident site:	55-90 47TH ST MASPETH, NY 11378
Incident county:	QUEENS
Incident country:	US
Incident date:	06/08/06
Incident time:	1445
NRC report #:	0
Other fed agency reported to:	Not reported
Other agency report #:	Not reported
Incident foreign country:	Not reported
Transportation mode:	4
Transportation phase:	262
Carrier DOT ID:	265752
Carrier Hazmat ID:	062904001002M
Carrier name:	Fedex Ground Package System, Inc.
Carrier address:	1000 Fedex Drive MOON TOWNSHIP, PA 15108
Carrier country:	US
Incident consequence:	Spillage
EMS/Fire crew responded:	Not reported
EMS/Fire crew report #:	Not reported
Police responded:	Not reported
Police report #:	Not reported
In-house cleanup occurred:	True
Other cleanup occurred:	Not reported
Estimated damages exceed $500:	False
Value of material lost:	0
Value of carrier loss:	0
Value of pub/priv property loss:	0
Response cost:	0
Remediation cost:	0

Details of fatalities by vapor/fire/explosion of hazardous material:

Did Fatalities occur:	False
No. of employee fatalities:	0
No. of responder fatalities:	0
No. of public fatalities:	0

Details of fatalities not due to hazardous material:

Did fatalities occur:	Not reported
No. of dead persons:	0

Details of injuries due to hazardous material:

Did injuries occur:	False
No. of employees hospitalized:	0
No. of employees not hospitalized:	0
No. of responders hospitalized:	0
No. of responders not hospitalized:	0
No. of public hospitalized:	0
No. of public not hospitalized:	0

55-90 47TH ST (Continued) **2007435318**

Evacuation was required:	False
No. of employees evacuated:	0
No. of public evacuated:	0
Total number evacuated:	0
Evacuation time in hours:	0
Road/facility was closed:	False
No. of hours closed:	0
Hazmat invloved in crash/derailment:	False
Estimated speed of crash:	0
Crash weather conditions:	Not reported
Vehicle overturned:	Not reported
Did vehicle leave road/track:	Not reported
Where incident occurred/discovered:	Not reported
Shipment handling details:	Not reported

Incident report preparer details:

Preparer name:	Scott Kerr
Preparer title:	TSM Manager II - Safety
Hazmat registration ID:	062904001002M
Employer business name:	Fedex Ground Package System, Inc.
Address:	1000 Fedex Drive MOON TOWNSHIP, PA 15108
Country:	US
Report date:	07/05/06
Telephone:	412-859-5051
Fax:	412-859-5045
Business type:	C
Preparer other function:	Not reported

A93 **HMIRS** **2000028087**
55-90 47TH STREET **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 92 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:

Report #:	2000050964
Site location:	55-90 47TH STREET MASPETH, NY
Place of origin:	5960 HEISLEY ROAD MENTOR, OH 44060
Destination:	FISHER SCIENTIFIC CO 1300 MORRIS PARK BRONX, NY 10461
Carrier ID:	92098
Carrier reporting #:	34-144-1019
Carrier:	FEDEX GROUND PACKAGE SYSTEM IN
Carrier address:	P O BOX 108 PITTSBURGH, PA 152300108
Shipper ID:	41781
Shipper name:	STERIS CORPORATION
Shipper address:	5960 HEISLEY ROAD MENTOR, OH 44060
Shipping paper number:	020224595079850
Consignee ID:	13428
Consignee name:	FISHER SCIENTIFIC CO
Consignee addess:	1300 MORRIS PARK BRONX, NY 10461

(Continued) **2000028087**

General cause:	10
Transportation mode:	4
Date:	04/11/2000
Commodity name:	DISINFECTANT CORROS LIQ
Trade name:	PHOSPHORIC ACID
Amount:	0. GAL
Result:	Spillage
Hazard Class:	80
ID Number:	UN1903
Hazardous:	False
R.Q. met:	False
Misc. info:	100 100
Vehicle Type:	Van truck/trailer
Trans. phase:	263
Land use:	271
Community:	281
Accident/Derailment:	False
Estimated speed:	F
Highway type:	999
number of lanes:	0
Number evacuated:	0
Major injuries:	0
Minor injuries:	0
Fatalities:	0
Product loss:	100
Carrier damage:	0
Pvt/Pub damage:	0
Cleanup cost:	25
Other damage:	0
Reported damage:	125
Incident damage:	0

Inner and Outer Container Information:

Container type:	CONT PLS
Container capacity:	1. GAL
Number failed:	1
Number in shipment:	4
Container gauge:	Not reported
Manufacture's ID:	32542
Manuf. name:	AMSCO/APEX APEX, NC
Tank serial #:	Not reported
Label:	Not reported
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Loose fitting
Contributing Object:	No object
Contributing failure:	LEAKED
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	0
Number failed code:	0
Shipment code number:	0
Container type:	CONT PLS
Container capacity:	1.00
Number failed:	1

(Continued) **2000028087**

Number in shipment:	4
Container gauge:	Not reported
Manufacture's ID:	32542
Manuf. name:	AMSCO/APEX
	APEX, NC
Tank serial #:	Not reported
Label:	Not reported
Registration #:	Not reported
Inspection date:	Not reported
Exemption #:	Not reported
Contributing cause:	Loose fitting
Contributing Object:	No object
Contributing failure:	LEAKED
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	Not reported
Number failed code:	Not reported
Shipment code number:	Not reported
Container type:	4G
Container capacity:	4. GAL
Number failed:	1
Number in shipment:	1
Container gauge:	UN4G/Y26.7/S
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER
	UNKNOWN, XX
Tank serial #:	Not reported
Label:	WHITE
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	WET
Contributing Object:	Water
Contributing failure:	WET
Affected side:	Bottom
Other contributing cause:	Package material
Capacity container code:	0
Number failed code:	0
Shipment code number:	0
Container type:	4G
Container capacity:	4.00
Number failed:	1
Number in shipment:	1
Container gauge:	UN4G/Y26.7/S
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER
	UNKNOWN, XX
Tank serial #:	Not reported
Label:	WHITE
Registration #:	Not reported
Inspection date:	Not reported
Exemption #:	Not reported
Contributing cause:	WET
Contributing Object:	Water
Contributing failure:	WET
Affected side:	Bottom
Other contributing cause:	Package material

(Continued) **2000028087**

Capacity container code: Not reported
Number failed code: Not reported
Shipment code number: Not reported

Remarks:

(A) THE PAIL WAS UNLOADED WITH LEAKAGE NOTED. EXAMINATION OF THE PAIL THE PACKAGE WAS UNLOADED WITH LEAKAGE NOTED ON THE BOX. EXAMINATION OF THE INNER CONTAINER REVEALED THAT THE CONTAINER(S) HAD LOOSE REVEALED THE PAIL HAD A LOOSE CAP/LID AND LEAKED. THE LEAKAGE WAS CAP(S) AND LEAKED. THE LEAKAGE WAS CONTAINED. THE CAP(S) WERE CONTAINED. THE CAP/LID WAS SECURED. THE PAIL WAS REPACKED FOR RETURN TO
SECURED. THE CARTON WAS WET BUT OTHERWISE UNDAMAGED. THE PACKAGE SHIPPER. (B) THE PACKAGE WAS UNLOADED WITH LEAKAGE NOTED ON THE BOX. EXAMINATION OF THE INNER CONTAINER REVEALED THAT THE CONTAINER(S) HAD WAS REPACKED FOR RETURN TO SHIPPER.
LOOSE CAP(S) AND LEAKED. THE LEAKAGE WAS CONTAINED. THE CAP(S) WERE SECURED. THE CARTON WET BUT OTHERWISE UNDAMAGED. THE PACKAGE WAS REPACKED FOR RETURN TO SHIPPER.

A94 **ST. JOHN'S BERRY TRUCKING** **NY LTANKS S102145519**
55-90 47TH STREET **NY Spills N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 93 of 159 in cluster A

Relative: LTANKS:
Lower
Actual: Name: ST. JOHN'S BERRY TRUCKING
7 ft. Address: 55-90 47TH STREET
City,State,Zip: MASPETH, NY
Spill Number/Closed Date: 8909238 / 2005-12-29
Facility ID: 8909238
Site ID: 128781
Spill Date: 1989-12-20
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: A3
Cleanup Ceased: Not reported
SWIS: 4101
Investigator: EXHAMPST
Referred To: Not reported
Reported to Dept: 1989-12-20
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 1990-01-24
Spill Record Last Update: 2005-12-29
Spiller Name: Not reported
Spiller Company: ST. JOHN'S BERRY TRUCKING
Spiller Address: 55-90 47TH STREET
Spiller County: 001
Spiller Contact: Not reported

ST. JOHN'S BERRY TRUCKING (Continued) **S102145519**

Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	111069
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was ROMMEL 4/12/04-Vought-Spill transferred from Tomasello to Rommel as per Rommel. 12/29/05 Transferred via Spill Initiative to E. Hampston. Cannot locate address/owner via Property Shark. Called contact from former PBS registration (#718-782-4848), site is now FedEx. Further research indicates FedEx/RPS operate at 55-90 48th Street on site previously owned by St. Johnbury Trucking. These appear to be the same site with the address mislabeled. Close this spill and reference open 9400064."
Remarks:	"(10) 550 GALLON TANKS FAILED TANK AUDITOR, LEAK RATE WAS +0.28153GPH, WILL RETEST."

All TTF:

Facility ID:	8909238
Spill Number:	8909238
Spill Tank Test:	1536598
Site ID:	128781
Tank Number:	Not reported
Tank Size:	0
Material:	0008
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	128781
Operable Unit ID:	934162
Operable Unit:	01
Material ID:	557487
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	L
Recovered:	.00
Oxygenate:	Not reported

SPILLS:

Name:	55-90 47TH STREET/QUEENS
Address:	55-90 47TH STREET
City,State,Zip:	MASPETH, NY
Spill Number/Closed Date:	8906900 / 1990-01-02
Facility ID:	8906900
Facility Type:	ER

ST. JOHN'S BERRY TRUCKING (Continued) **S102145519**

DER Facility ID:	111069
Site ID:	128780
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	Not reported
SWIS:	4101
Spill Date:	1989-10-12
Investigator:	TOMASELLO
Referred To:	Not reported
Reported to Dept:	1989-10-13
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	1990-01-02
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1989-10-17
Spill Record Last Update:	2004-04-02
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	""
Remarks:	"SOIL BEING TESTED IN LAB, DISCOVERED BENZENE (POSSIBLY FUEL & LUBE OIL),(20) 550'S,(10)GASOLINE,(10)DIESEL,TO REPLACE ALL TANKS,2/24/90 INSTALLED (4) MONITERING WELLS,TAKING SAMPLES,WILL SUBMIT."

All Materials:

Site ID:	128780
Operable Unit ID:	931818
Operable Unit:	01
Material ID:	443709
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	L
Recovered:	.00
Oxygenate:	Not reported

A95 **55-90 47TH ST** **HMIRS** **2007434555**
55-90 47TH ST **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 94 of 159 in cluster A

Relative: HMIRS:
Lower

Report #:	2006060134
System ID:	409923
Report type:	A
Incident site:	55-90 47th st

Actual:
7 ft.

55-90 47TH ST (Continued) **2007434555**

	MASPETH, NY 11378
Incident county:	queens
Incident country:	US
Incident date:	05/23/06
Incident time:	1404
NRC report #:	0
Other fed agency reported to:	Not reported
Other agency report #:	Not reported
Incident foreign country:	Not reported
Transportation mode:	4
Transportation phase:	262
Carrier DOT ID:	265752
Carrier Hazmat ID:	062904001002M
Carrier name:	Fedex Ground Package System, Inc.
Carrier address:	1000 Fedex Drive
	MOON TOWNSHIP, PA 15108
Carrier country:	US
Incident consequence:	Spillage
EMS/Fire crew responded:	Not reported
EMS/Fire crew report #:	Not reported
Police responded:	Not reported
Police report #:	Not reported
In-house cleanup occurred:	True
Other cleanup occurred:	Not reported
Estimated damages exceed $500:	False
Value of material lost:	0
Value of carrier loss:	0
Value of pub/priv property loss:	0
Response cost:	0
Remediation cost:	0

Details of fatalities by vapor/fire/explosion of hazardous material:

Did Fatalities occur:	False
No. of employee fatalities:	0
No. of responder fatalities:	0
No. of public fatalities:	0

Details of fatalities not due to hazardous material:

Did fatalities occur:	Not reported
No. of dead persons:	0

Details of injuries due to hazardous material:

Did injuries occur:	False
No. of employees hospitalized:	0
No. of employees not hospitalized:	0
No. of responders hospitalized:	0
No. of responders not hospitalized:	0
No. of public hospitalized:	0
No. of public not hospitalized:	0
Evacuation was required:	False
No. of employees evacuated:	0
No. of public evacuated:	0
Total number evacuated:	0
Evacuation time in hours:	0
Road/facility was closed:	False
No. of hours closed:	0
Hazmat invloved in crash/derailment:	False
Estimated speed of crash:	0

55-90 47TH ST (Continued) **2007434555**

Crash weather conditions: Not reported
Vehicle overturned: Not reported
Did vehicle leave road/track: Not reported
Where incident occurred/discovered: Not reported
Shipment handling details: Not reported

Incident report preparer details:
Preparer name: Scott Kerr
Preparer title: TSM Manager II - Safety
Hazmat registration ID: 062904001002M
Employer business name: Fedex Ground Package System, Inc.
Address: 1000 Fedex Drive
MOON TOWNSHIP, PA 15108
Country: US
Report date: 06/20/06
Telephone: 412-859-5051
Fax: 412-859-5045
Business type: C
Preparer other function: Not reported

A96 **55-90 47TH ST** **HMIRS** **2009050720**
55-90 47TH ST **N/A**
< 1/8 **FLUSHING, NY 11378**
1 ft.

Site 95 of 159 in cluster A

Relative: HMIRS:
Lower
Actual: Report Number: X-2009030048
7 ft. Report Source: XML
Multiple Rows per Incident: No
Report Type: A hazardous material incident
Date of Incident: 2/20/2009
Time of Incident: 600
NRC Number: Not reported
Fed DOT Agency Name: Not reported
Fed DOT Report #: Not reported
Incident City: FLUSHING
Incident County: Queen
Incident State: NY
Incident Zip: 11378
Incident Non-US State: Not reported
Incident Country: US
Incident Route: 55-90 47th st
Mode of Transportation: Highway
Transportation Phase: Unloading
Carrier/Reporter Name: FEDEX GROUND PACKAGE SYSTEM INC
Carrier/Reporter Street: 1000 FEDEX DRIVE
Carrier/Reporter City: MOON TOWNSHIP
Carrier/Reporter State: PA
Carrier/Reporter Zip: 15108
Carrier/Reporter Non-US State: Not reported
Carrier/Reporter FED DOT ID: 265752
Carrier/Reporter HAZMAT ID: 062904001002M
Carrier/Reporter Country: US
Shipper Name: ATLANTIC PLYWOOD
Shipper Street: 75 AMOR AVE
Shipper City: CARLSTADT
Shipper State: NJ

55-90 47TH ST (Continued) **2009050720**

Shipper Zip:	7072
Shipper Non-US State:	Not reported
Shipper Country:	US
Waybill/Shipping Paper:	568686130175055
Shipper HAZMAT Registration ID:	Not reported
Origin City:	Not reported
Origin State:	Not reported
Origin Zip:	Not reported
Origin Non-US State:	Not reported
Origin Country:	Not reported
Destination City:	BRONX
Destination State:	NY
Destination Postal Code:	10462
Destination Non-US State:	Not reported
Destination Country:	US
Commodity Short Name:	PAINT
Commodity Long Name:	PAINT
Technical/Trade Name:	Not reported
Identification Number:	UN1263
Hazardous Class Code:	3
Hazardous Class:	FLAMMABLE - COMBUSTIBLE LIQUID
Packing Group:	II
Quantity Released:	2
Unit of Measure:	LGA
Unit of Measure Description:	Liquid - Gallon
HAZMAT Waste Indicator:	No
HAZMAT Waste EPA ID:	Not reported
HMIS Toxic by Inhalation:	No
TIH Hazard Zone:	Not reported
Material Shipment Approval:	No
Mat. Shipment Approval #:	Not reported
Undeclared HAZMAT Shipment:	No
Packaging Type:	Non-Bulk
What Failed Code:	104
What Failed Description:	Body
How Failed Code:	303
How Failed Description:	Burst or Ruptured
Failure Cause Code:	511
Failure Cause Description:	Dropped
Identification Markings:	Not reported
Cont1 Packaging Type:	Box
Cont1 Material of Construction:	Fiberboard
Cont1 Head Type:	Not reported
Cont1 Package Capacity:	Not reported
Cont1 Package Capacity UOM:	Not reported
Cont1 Package Amount:	Not reported
Cont1 Package Amount UOM:	Not reported
Cont1 Pkg Number:	Not reported
Cont1 Pkg Shipment # Failed:	Not reported
Cont1 Package Manufacturer:	Not reported
Cont1 Pkg Manufacturer Date:	Not reported
Cont1 Package Serial Number:	Not reported
Cont1 Package Last Test Date:	Not reported
Cont1 Test Material Of Const:	Not reported
Cont1 Pkg Dsign Pressure Rpted:	Not reported
Cont1 Dsign Pressure UOM Rpted:	Not reported
Cont1 Pkg Shell Thickness Rptd:	Not reported

55-90 47TH ST (Continued) **2009050720**

Cont1 Shell Thickness UOM Rptd:	Not reported
Cont1 Head Thickness Reported:	Not reported
Cont1 Head Thickness UOM Rpted:	Not reported
Cont1 Pkg Srvc Pressure Rpted:	Not reported
Cont1 Srvc Pressure UOM Rpted:	Not reported
Cont1 Valve or Device Fail Ind:	No
Cont1 Valve or Device Type:	Not reported
Cont1 Val Device Manufacturer:	Not reported
Cont1 Valve or Device Model:	Not reported
Cont2 Package Type:	Can
Cont2 Material of Construction:	Metal (any type)
Cont2 Package Capacity:	Not reported
Cont2 Capacity UOM Reported:	Not reported
Cont2 Package Amount:	Not reported
Cont2 Package Amount UOM:	Not reported
Cont2 Pkg Number in Shipment:	Not reported
Cont2 Pkg Shipment # Failed:	Not reported
RAM Package Category:	Not reported
RAM Package Certification:	Not reported
RAM Package Certification #:	Not reported
RAM Nuclide(s) Present:	Not reported
RAM Transport Index:	Not reported
RAM UOM:	Not reported
RAM Activity Rpted:	Not reported
RAM UOM Rpted:	Not reported
RAM Activity:	Not reported
RAM Activity UOM:	Not reported
RAM Material Safety Index:	Not reported
Spillage (Ind:	Yes
Fire Ind:	No
Explosion Ind:	No
Water Sewer Ind:	No
Gas Dispersion Ind:	No
Environmental Damage:	No
No Release Ind:	No
Fire/EMS Report Ind:	No
Fire EMS/EMS Report #:	Not reported
Police Report Ind:	No
Police Report #:	Not reported
In-House Cleanup Ind:	Yes
Other Cleanup Ind:	No
Damage More Than 500:	No
Material Loss:	0
Carrier Damage:	0
Property Damage:	0
Response Cost:	0
Remediation Cleanup Cost:	0
Damage Other (Old Form):	0
Total Amount of Damages:	0
HAZMAT Fatality Indicator:	No
HAZMAT Fatalities Employees:	0
HAZMAT Fatalities Responders:	0
HAZMAT Fatality Gen. Public:	0
Hazmat Fatalities (Old Form):	0
Total Hazmat Fatalities:	0
Non_HAZMAT Fatality Indicator:	No
Non-HAZMAT Fatalities:	0

55-90 47TH ST (Continued) **2009050720**

HAZMAT Injury Indicator:	No
HAZMAT Hospitalized Employees:	0
HAZMAT Hospitalized Responders:	0
HAZMAT Hospitalized Gen Public:	0
HAZMAT Hospitalized (Old Form):	0
Total Hazmat Hosp Injuries:	0
HAZMAT NonHosp Employees:	0
HAZMAT NonHosp Responders:	0
HAZMAT NonHosp Gen. Public:	0
HAZMAT NonHosp (Old Form):	0
Total Hazmat NonHosp Injuries:	0
Total Hazmat Injuries:	0
Evacuation Indicator:	No
Public Evacuated:	0
Employees Evacuated:	0
Total Evacuated:	0
Total Evacuation Hours:	0
Major Artery Closed:	No
Major Artery Hours Closed:	0
Material Involved in Accident:	No
Estimated Speed:	0
Weather Conditions:	Not reported
Vehicle Overturn:	No
Vehicle Left Roadway/Track:	No
Passenger Aircraft Indicator:	No
Cargo Passenger Baggage Ind:	Not reported
Incident Occurrence:	Not reported
Shipphase Non-Transported Ind:	No
Shipphase Air First Flight Ind:	No
Shipphase Air SubFlight Ind:	No
Shipphase Init Transport Ind:	No
Shipphase Transfer Indicator:	No
Contact Name:	Travis McEwen
Contact Title:	Safety Specialist III - Hazmat
Contact Business Name:	FEDEX GROUND PACKAGE SYSTEM INC
Contact Street:	1000 FEDEX DRIVE
Contact City:	MOON TOWNSHIP
Contact State:	PA
Contact Postal Code:	15108
Contact Non-US State:	Not reported
Contact Country:	US
Preparer of Incident Report:	Carrier
Description of Events:	The pail was dropped during handling causing leakage. The leakage was contained and the package was repacked. Undamaged product was returned to the shipper. The damaged product was properly disposed of in accordance with Federal Regulations.
Recommendations/Actions Taken:	Not reported
Recommendations/Actions:	Not reported
HMIS Serious Incident Ind:	No
HMIS Serious Fatality:	No
HMIS Serious Injury:	No
HMIS Serious Flight Plan:	No
HMIS Serious Evacuations:	No
HMIS Serious Major Artery:	No
HMIS Serious Bulk Release:	No
HMIS Serious Marine Pollutant:	No
HMIS Serious Radioactive:	No

55-90 47TH ST (Continued) **2009050720**

HMIS General Package Type:	BOX FIBER
HMIS Container Code:	BOX FBR
HMIS Container Description:	Fiberboard box or carton
HMIS Bulk Incident Indicator:	No
Undeclared Shipment:	No

A97 **55-90 47TH STREET** **HMIRS** **2005703081**
55-90 47TH STREET **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 96 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:

Report #:	2005091260
System ID:	397031
Report type:	A
Incident site:	55-90 47TH STREET MASPETH, NY 11378
Incident county:	QUEENS
Incident country:	US
Incident date:	07/19/2005
Incident time:	0456
NRC report #:	0
Other fed agency reported to:	Not reported
Other agency report #:	Not reported
Incident foreign country:	Not reported
Transportation mode:	4
Transportation phase:	263
Carrier DOT ID:	265752
Carrier Hazmat ID:	062904001002M
Carrier name:	FEDEX GROUND PACKAGE SYSTEM IN
Carrier address:	1000 FEDEX DRIVE MOON TOWNSHIP, PA 15108
Carrier country:	US
Incident consequence:	Spillage
EMS/Fire crew responded:	False
EMS/Fire crew report #:	Not reported
Police responded:	False
Police report #:	Not reported
In-house cleanup occurred:	True
Other cleanup occurred:	False
Estimated damages exceed $500:	False
Value of material lost:	0
Value of carrier loss:	0
Value of pub/priv property loss:	0
Response cost:	0
Remediation cost:	0

Details of fatalities by vapor/fire/explosion of hazardous material:

Did Fatalities occur:	False
No. of employee fatalities:	0
No. of responder fatalities:	0
No. of public fatalities:	0

Details of fatalities not due to hazardous material:

Did fatalities occur:	False
No. of dead persons:	0

55-90 47TH STREET (Continued) **2005703081**

Details of injuries due to hazardous material:

Did injuries occur:	False
No. of employees hospitalized:	0
No. of employees not hospitalized:	0
No. of responders hospitalized:	0
No. of responders not hospitalized:	0
No. of public hospitalized:	0
No. of public not hospitalized:	0
Evacuation was required:	False
No. of employees evacuated:	0
No. of public evacuated:	0
Total number evacuated:	0
Evacuation time in hours:	0
Road/facility was closed:	False
No. of hours closed:	0
Hazmat invloved in crash/derailment:	False
Estimated speed of crash:	0
Crash weather conditions:	Not reported
Vehicle overturned:	Not reported
Did vehicle leave road/track:	Not reported
Where incident occurred/discovered:	Not reported
Shipment handling details:	Not reported

Incident report preparer details:

Preparer name:	DENISE HANCHULAK
Preparer title:	TSM MANAGER II - SAFETY
Hazmat registration ID:	Not reported
Employer business name:	FEDEX GROUND PACKAGE SYSTEM, INC
Address:	1000 FEDEX DRIVE MOON TOWNSHIP, PA 15108
Country:	US
Report date:	09/02/2005
Telephone:	(412)859-5056
Fax:	(412)859-5045
Business type:	C
Preparer other function:	Not reported

A98 **55-90 47 TH ST** **HMIRS** **2008455432**
55-90 47 TH ST **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 97 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:

Report #:	2008070339
System ID:	455432
Report type:	A
Incident site:	55-90 47 th st MASPETH, NY 11378
Incident county:	QUEENS
Incident country:	US
Incident date:	07/10/08
Incident time:	1526
NRC report #:	0
Other fed agency reported to:	Not reported
Other agency report #:	Not reported
Incident foreign country:	Not reported
Transportation mode:	4

55-90 47 TH ST (Continued) **2008455432**

Transportation phase:	263
Carrier DOT ID:	265752
Carrier Hazmat ID:	062904001002M
Carrier name:	Fedex Ground Package System, Inc.
Carrier address:	1000 Fedex Drive MOON TOWNSHIP, PA 15108
Carrier country:	US
Incident consequence:	Spillage
EMS/Fire crew responded:	Not reported
EMS/Fire crew report #:	Not reported
Police responded:	Not reported
Police report #:	Not reported
In-house cleanup occurred:	True
Other cleanup occurred:	Not reported
Estimated damages exceed $500:	False
Value of material lost:	0
Value of carrier loss:	0
Value of pub/priv property loss:	0
Response cost:	0
Remediation cost:	0

Details of fatalities by vapor/fire/explosion of hazardous material:

Did Fatalities occur:	False
No. of employee fatalities:	0
No. of responder fatalities:	0
No. of public fatalities:	0

Details of fatalities not due to hazardous material:

Did fatalities occur:	Not reported
No. of dead persons:	0

Details of injuries due to hazardous material:

Did injuries occur:	False
No. of employees hospitalized:	0
No. of employees not hospitalized:	0
No. of responders hospitalized:	0
No. of responders not hospitalized:	0
No. of public hospitalized:	0
No. of public not hospitalized:	0
Evacuation was required:	False
No. of employees evacuated:	0
No. of public evacuated:	0
Total number evacuated:	0
Evacuation time in hours:	0
Road/facility was closed:	False
No. of hours closed:	0
Hazmat invloved in crash/derailment:	False
Estimated speed of crash:	0
Crash weather conditions:	Not reported
Vehicle overturned:	Not reported
Did vehicle leave road/track:	Not reported
Where incident occurred/discovered:	Not reported
Shipment handling details:	Not reported

Incident report preparer details:

Preparer name:	Travis McEwen
Preparer title:	Safety Specialist III - Hazmat
Hazmat registration ID:	062904001002M

55-90 47 TH ST (Continued) **2008455432**

Employer business name:	Fedex Ground Package System, Inc.
Address:	1000 Fedex Drive
	MOON TOWNSHIP, PA 15108
Country:	US
Report date:	07/30/08
Telephone:	412-859-5061
Fax:	412-859-5045
Business type:	C
Preparer other function:	Not reported

Description of Events:

The package was unloaded with leakage noted on the box. Examination of the inner container revealed that the container(s) had loose cap(s) and leaked. The leakage was contained. The cap(s) were secured. The carton was wet but otherwise undamaged. The undamaged portion of the package was repacked for return to shipper.

Shipper Details:

Shipper ID:	455577
Shipper name:	FUJI PHOTO FILM USA INC
Address:	850 CENTRAL AVE
	HANOVER PARK, IL 60133
Shipper country:	US
Hazmat papers #:	60022671430810
Shipment origin:	Not reported
	Not reported
Shipment origin country:	Not reported

Details of material being shipped:

Material ID:	461717
Material name:	SODIUM HYDROXIDE, SOLUTION
UN ID:	UN1824
Hazard class code:	80
Trade name:	Not reported
Packing group:	II
Amount reported released:	23.000000 Ounce(s)
Amount released:	0.179700 Ounce(s)
Material listed as hazardous waste:	False
EPA manifest number of haz. waste:	Not reported
Material listed as toxic inhalant:	False
Hazard zone of toxic inhalant:	Not reported
Material shipped under exemption/ approval/ Competent Authority Cert.	
	False
Exemption/approval/CAC number:	Not reported
Undeclared Hazmat shipment:	False
Package ID:	461999
Hazmat shipment destination:	Not reported
	Not reported
Package type:	A
Package other description:	Not reported
Packaging markings:	4G/Y24.1/S/08USA/+BR5709
Package code:	76
Radioactive packaging indicator:	Not reported
Radioactive cert. indicator:	Not reported
Radioactive cert. No:	Not reported
Rad. nuclide(s) present:	Not reported

55-90 47 TH ST (Continued) **2008455432**

Transport index:	Not reported
Radioactivity indicator:	Not reported
Standardized activity:	Not reported
Critical safety index:	Not reported
Package layer ID:	631436
Package ID:	461999
Package layer code:	O
Package type for non-bulk/IBC/non-specification package	
	Not reported
Material type of non-bulk/IBC/non-specification package	
	Not reported
Head type for non-bulk/IBC/non-specification package	
	Not reported
Reported package capacity:	0.000000
Standardized package cap:	0.000000
Reported amount of material in pkge:	0.000000
Number of packages shipped:	0
No. of packages releasing mat.:	0
Packaging manufacturer:	Not reported
Packaging manufacturing date:	/ /
Package serial number:	Not reported
Pkge date of last testing/inspection:	/ /
Package construction material:	Not reported
Package design pressure:	0
Package shell thickness:	0.000
Package head thickness:	0.000
Package service pressure:	0
Valve device failed:	Not reported
Valve type:	Not reported
Valve manufacturer:	Not reported
Valve model:	Not reported
Package layer ID:	631437
Package ID:	461999
Package layer code:	I
Package type for non-bulk/IBC/non-specification package	
	Not reported
Material type of non-bulk/IBC/non-specification package	
	Not reported
Head type for non-bulk/IBC/non-specification package	
	Not reported
Reported package capacity:	0.000000
Standardized package cap:	0.000000
Reported amount of material in pkge:	0.000000
Number of packages shipped:	0
No. of packages releasing mat.:	0
Packaging manufacturer:	Not reported
Packaging manufacturing date:	/ /
Package serial number:	Not reported
Pkge date of last testing/inspection:	/ /
Package construction material:	Not reported
Package design pressure:	0
Package shell thickness:	0.000
Package head thickness:	0.000
Package service pressure:	0
Valve device failed:	Not reported
Valve type:	Not reported
Valve manufacturer:	Not reported

55-90 47 TH ST (Continued) **2008455432**

Valve model:	Not reported
Package fail ID:	528230
Fail Sequence:	1
What failed code:	109
How failed code:	308
Failure cause code:	526

A99 **HMIRS** **2000028086**

55-90 47TH ST **N/A**

< 1/8
MASPETH, NY
1 ft.

Site 98 of 159 in cluster A

Relative: HMIRS:
Lower

Actual:
7 ft.

Report #:	2000050964
Site location:	55-90 47TH ST MASPETH, NY
Place of origin:	5960 HEISLEY ROAD MENTOR, OH 44060
Destination:	FISHER SCIENTIFIC CO 1300 MORRIS PARK BRONX, NY 10461
Carrier ID:	92098
Carrier reporting #:	34-144-1019
Carrier:	FEDEX GROUND PACKAGE SYSTEM IN
Carrier address:	P O BOX 108 PITTSBURGH, PA 152300108
Shipper ID:	41781
Shipper name:	STERIS CORPORATION
Shipper address:	5960 HEISLEY ROAD MENTOR, OH 44060
Shipping paper number:	020224595079850
Consignee ID:	13428
Consignee name:	FISHER SCIENTIFIC CO
Consignee addess:	1300 MORRIS PARK BRONX, NY 10461
General cause:	10
Transportation mode:	4
Date:	04/11/2000
Commodity name:	DISINFECTANT CORROS LIQ
Trade name:	PHOSPHORIC ACID
Amount:	0.13 GAL
Result:	Spillage
Hazard Class:	80
ID Number:	UN1903
Hazardous:	False
R.Q. met:	False
Misc. info:	100 100
Vehicle Type:	Van truck/trailer
Trans. phase:	263
Land use:	271
Community:	281
Accident/Derailment:	False
Estimated speed:	F
Highway type:	999
number of lanes:	Not reported
Number evacuated:	0
Major injuries:	0

(Continued) **2000028086**

Minor injuries:	0
Fatalities:	0
Product loss:	100
Carrier damage:	0
Pvt/Pub damage:	0
Cleanup cost:	25
Other damage:	0
Reported damage:	125
Incident damage:	0

Inner and Outer Container Information:

Container type:	CONT PLS
Container capacity:	1. GAL
Number failed:	1
Number in shipment:	4
Container gauge:	Not reported
Manufacture's ID:	32542
Manuf. name:	AMSCO/APEX APEX, NC
Tank serial #:	Not reported
Label:	Not reported
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Loose fitting
Contributing Object:	No object
Contributing failure:	LEAKED
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	0
Number failed code:	0
Shipment code number:	0
Container type:	CONT PLS
Container capacity:	1.00
Number failed:	1
Number in shipment:	4
Container gauge:	Not reported
Manufacture's ID:	32542
Manuf. name:	AMSCO/APEX APEX, NC
Tank serial #:	Not reported
Label:	Not reported
Registration #:	Not reported
Inspection date:	Not reported
Exemption #:	Not reported
Contributing cause:	Loose fitting
Contributing Object:	No object
Contributing failure:	LEAKED
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	Not reported
Number failed code:	Not reported
Shipment code number:	Not reported
Container type:	4G
Container capacity:	4. GAL
Number failed:	1
Number in shipment:	1

(Continued) **2000028086**

Container gauge:	UN4G/Y26.7/S
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER UNKNOWN, XX
Tank serial #:	Not reported
Label:	WHITE
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	WET
Contributing Object:	Water
Contributing failure:	WET
Affected side:	Bottom
Other contributing cause:	Package material
Capacity container code:	0
Number failed code:	0
Shipment code number:	0
Container type:	4G
Container capacity:	4.00
Number failed:	1
Number in shipment:	1
Container gauge:	UN4G/Y26.7/S
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER UNKNOWN, XX
Tank serial #:	Not reported
Label:	WHITE
Registration #:	Not reported
Inspection date:	Not reported
Exemption #:	Not reported
Contributing cause:	WET
Contributing Object:	Water
Contributing failure:	WET
Affected side:	Bottom
Other contributing cause:	Package material
Capacity container code:	Not reported
Number failed code:	Not reported
Shipment code number:	Not reported

Remarks:

(A) THE PAIL WAS UNLOADED WITH LEAKAGE NOTED. EXAMINATION OF THE PAIL THE PACKAGE WAS UNLOADED WITH LEAKAGE NOTED ON THE BOX. EXAMINATION OF THE INNER CONTAINER REVEALED THAT THE CONTAINER(S) HAD LOOSE REVEALED THE PAIL HAD A LOOSE CAP/LID AND LEAKED. THE LEAKAGE WAS CAP(S) AND LEAKED. THE LEAKAGE WAS CONTAINED. THE CAP(S) WERE CONTAINED. THE CAP/LID WAS SECURED. THE PAIL WAS REPACKED FOR RETURN TO
SECURED. THE CARTON WAS WET BUT OTHERWISE UNDAMAGED. THE PACKAGE SHIPPER. (B) THE PACKAGE WAS UNLOADED WITH LEAKAGE NOTED ON THE BOX. EXAMINATION OF THE INNER CONTAINER REVEALED THAT THE CONTAINER(S) HAD WAS REPACKED FOR RETURN TO SHIPPER.
LOOSE CAP(S) AND LEAKED. THE LEAKAGE WAS CONTAINED. THE CAP(S) WERE SECURED. THE CARTON WAS WET BUT OTHERWISE UNDAMAGED. THE PACKAGE WAS REPACKED FOR RETURN TO SHIPPER.

A100 **HMIRS** **2000026172**
N/A

55-90 47TH ST
< 1/8 **MASPETH, NY**
1 ft.

Site 99 of 159 in cluster A

Relative: HMIRS:
Lower

Actual: Report #:	2000041159
7 ft. Site location:	55-90 47TH ST MASPETH, NY
Place of origin:	5960 HEISLEY ROAD MENTOR, OH 44060
Destination:	FISHER SCIENTIFIC CO 1300 MORRIS PARK AVE BRONX, NY 10461
Carrier ID:	92098
Carrier reporting #:	34-144-1019
Carrier:	FEDEX GROUND PACKAGE SYSTEM IN
Carrier address:	P O BOX 108 PITTSBURGH, PA 152300108
Shipper ID:	41781
Shipper name:	STERIS CORPORATION
Shipper address:	5960 HEISLEY ROAD MENTOR, OH 44060
Shipping paper number:	020224595079850
Consignee ID:	13428
Consignee name:	FISHER SCIENTIFIC CO
Consignee addess:	1300 MORRIS PARK AVE BRONX, NY 10461
General cause:	10
Transportation mode:	4
Date:	04/01/2000
Commodity name:	DISINFECTANT CORROS LIQ
Trade name:	PHOSPHORIC ACID
Amount:	0. GAL
Result:	Spillage
Hazard Class:	80
ID Number:	UN1903
Hazardous:	False
R.Q. met:	False
Misc. info:	100 100
Vehicle Type:	Van truck/trailer
Trans. phase:	263
Land use:	271
Community:	281
Accident/Derailment:	False
Estimated speed:	F
Highway type:	999
number of lanes:	0
Number evacuated:	0
Major injuries:	0
Minor injuries:	0
Fatalities:	0
Product loss:	100
Carrier damage:	0
Pvt/Pub damage:	0
Cleanup cost:	25
Other damage:	0
Reported damage:	125

(Continued) **2000026172**

Incident damage: 0

Inner and Outer Container Information:
Container type: JUG PLS
Container capacity: 1.00
Number failed: 1
Number in shipment: 4
Container gauge: 40076-157 12
Manufacture's ID: 32542
Manuf. name: AMSCO/APEX
UNKNOWN, XX
Tank serial #: Not reported
Label: Not reported
Registration #: Not reported
Inspection date: Not reported
Exemption #: Not reported
Contributing cause: Loose fitting
Contributing Object: No object
Contributing failure: LEAKED
Affected side: Top
Other contributing cause: Closure
Capacity container code: Not reported
Number failed code: Not reported
Shipment code number: Not reported
Container type: JUG PLS
Container capacity: 1. GAL
Number failed: 1
Number in shipment: 4
Container gauge: 40076-157 12
Manufacture's ID: 32542
Manuf. name: AMSCO/APEX
UNKNOWN, XX
Tank serial #: Not reported
Label: Not reported
Registration #: Not reported
Inspection date: / /
Exemption #: Not reported
Contributing cause: Loose fitting
Contributing Object: No object
Contributing failure: LEAKED
Affected side: Top
Other contributing cause: Closure
Capacity container code: 0
Number failed code: 0
Shipment code number: 0
Container type: 4G
Container capacity: 4.00
Number failed: 1
Number in shipment: 1
Container gauge: UN4G/Y26.7S/
Manufacture's ID: 16222
Manuf. name: NOT REPORTED BY CARRIER
UNKNOWN, XX
Tank serial #: Not reported
Label: WHITE
Registration #: M5106
Inspection date: Not reported

(Continued) **2000026172**

Exemption #:	Not reported
Contributing cause:	WET
Contributing Object:	Water
Contributing failure:	WET
Affected side:	Bottom
Other contributing cause:	Package material
Capacity container code:	Not reported
Number failed code:	Not reported
Shipment code number:	Not reported
Container type:	4G
Container capacity:	4. GAL
Number failed:	1
Number in shipment:	1
Container gauge:	UN4G/Y26.7S/
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER UNKNOWN, XX
Tank serial #:	Not reported
Label:	WHITE
Registration #:	M5106
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	WET
Contributing Object:	Water
Contributing failure:	WET
Affected side:	Bottom
Other contributing cause:	Package material
Capacity container code:	0
Number failed code:	0
Shipment code number:	0

Remarks:

THE PACKAGE WAS UNLOADED WITH LEAKAGE NOTED ON THE BOX. EXAMINATION OF THE INNER CONTAINER REVEALED THAT THE CONTAINER(S) HAD LOOSE CAP(S) AND LEAKED. THE LEAKAGE WAS CONTAINED. THE CAP(S) WERE SECURED. THE CARTON WAS WET BUT OTHERWISE UNDAMAGED. THE PACKAGE WAS REPACKED FOR RETURN TO SHIPPER.

A101 **HMIRS** **2002022740**
55-90 47TH ST **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 100 of 159 in cluster A

Relative: HMIRS:
Lower

Actual:
7 ft.

Report #:	2002021046
Site location:	55-90 47TH ST MASPETH, NY
Place of origin:	100 OAK ST EAST RUTHERFORD, NJ 07073
Destination:	NOT REPORTED BY CARRIER Not reported UNKNOWN, XX
Carrier ID:	92098
Carrier reporting #:	34-144-1019
Carrier:	FEDEX GROUND PACKAGE SYSTEM IN
Carrier address:	P O BOX 108

(Continued) **2002022740**

	PITTSBURGH, PA 152300108
Shipper ID:	36678
Shipper name:	PRESTIGE LABS INC
Shipper address:	100 OAK ST
	EAST RUTHERFORD, NJ 07073
Shipping paper number:	029167700046631
Consignee ID:	16222
Consignee name:	NOT REPORTED BY CARRIER
Consignee addess:	Not reported
	UNKNOWN, XX
General cause:	10
Transportation mode:	4
Date:	01/24/2002
Commodity name:	SULFURIC ACID
Trade name:	Not reported
Amount:	0.10 GAL
Result:	Spillage
Hazard Class:	80
ID Number:	UN1830
Hazardous:	False
R.Q. met:	False
Misc. info:	100 100
Vehicle Type:	Van truck/trailer
Trans. phase:	263
Land use:	271
Community:	281
Accident/Derailment:	False
Estimated speed:	F
Highway type:	999
number of lanes:	0
Number evacuated:	0
Major injuries:	0
Minor injuries:	0
Fatalities:	0
Product loss:	100
Carrier damage:	0
Pvt/Pub damage:	0
Cleanup cost:	425
Other damage:	0
Reported damage:	525
Incident damage:	0

Inner and Outer Container Information:

Container type:	JUG PLS
Container capacity:	0.26 GAL
Number failed:	4
Number in shipment:	12
Container gauge:	Not reported
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER
	UNKNOWN, XX
Tank serial #:	Not reported
Label:	Not reported
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Loose fitting

(Continued) **2002022740**

Contributing Object:	No object
Contributing failure:	LEAKED
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	0
Number failed code:	0
Shipment code number:	0
Container type:	BOX FBR
Container capacity:	3.17 GAL
Number failed:	1
Number in shipment:	1
Container gauge:	Not reported
Manufacture's ID:	36678
Manuf. name:	PRESTIGE LABS INC RUTHERFORD, NJ
Tank serial #:	Not reported
Label:	WHITE
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	WET
Contributing Object:	Water
Contributing failure:	WET
Affected side:	Bottom
Other contributing cause:	Package material
Capacity container code:	0
Number failed code:	0
Shipment code number:	0

Remarks:

THE PACKAGE WAS UNLOADED WITH LEAKAGE NOTED ON THE BOX. EXAMINATION OF THE
INNER CONTAINER REVEALED THAT THE CONTAINER(S) HAD LOOSE CAP(S) AND LEAKED.
THE LEAKAGE WAS CONTAINED. THE CAP(S) WERE SECURED. THE CARTON WAS WET
BUT OTHERWISE UNDAMAGED. THE UNDAMAGED PORTION OF THE PACKAGE WAS REPACKED
FOR RETURN TO SHIPPER.

A102 **HMIRS** **2002033906**
N/A

55-90 47TH ST
< 1/8 **MASPETH, NY**
1 ft.

Site 101 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:

Report #:	2002031044
Site location:	55-90 47TH ST MASPETH, NY
Place of origin:	255 BLAIR RD AVENEL, NJ 07001
Destination:	SIZZLER STEAKHOUSE 9525 QUEENS BLVD REGO PARK, NY 11374
Carrier ID:	92098
Carrier reporting #:	34-144-1019

(Continued) **2002033906**

Carrier:	FEDEX GROUND PACKAGE SYSTEM IN
Carrier address:	P O BOX 108 PITTSBURGH, PA 152300108
Shipper ID:	24649
Shipper name:	ECO-LABS INC
Shipper address:	255 BLAIR RD AVENEL, NJ 07001
Shipping paper number:	007184110479543
Consignee ID:	80350
Consignee name:	SIZZLER STEAKHOUSE
Consignee addess:	9525 QUEENS BLVD REGO PARK, NY 11374
General cause:	10
Transportation mode:	4
Date:	03/14/2002
Commodity name:	SODIUM HYDROXIDE SOLUTION
Trade name:	Not reported
Amount:	0.09 GAL
Result:	Spillage
Hazard Class:	80
ID Number:	UN1824
Hazardous:	False
R.Q. met:	False
Misc. info:	100 100
Vehicle Type:	Van truck/trailer
Trans. phase:	263
Land use:	271
Community:	281
Accident/Derailment:	False
Estimated speed:	F
Highway type:	999
number of lanes:	0
Number evacuated:	0
Major injuries:	0
Minor injuries:	0
Fatalities:	0
Product loss:	100
Carrier damage:	0
Pvt/Pub damage:	0
Cleanup cost:	425
Other damage:	0
Reported damage:	525
Incident damage:	0

Inner and Outer Container Information:

Container type:	JUG PLS
Container capacity:	5.00 GAL
Number failed:	1
Number in shipment:	1
Container gauge:	Not reported
Manufacture's ID:	24649
Manuf. name:	ECO-LABS INC AVENEL, NJ
Tank serial #:	Not reported
Label:	Not reported
Registration #:	Not reported
Inspection date:	/ /

(Continued) **2002033906**

Exemption #:	Not reported
Contributing cause:	Loose fitting
Contributing Object:	No object
Contributing failure:	LEAKED
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	0
Number failed code:	0
Shipment code number:	0

Remarks:

THE PAIL WAS UNLOADED WITH LEAKAGE NOTED. EXAMINATION OF THE PAIL REVEALED
THE PAIL HAD A LOOSE CAP/LID AND LEAKED. THE LEAKAGE WAS CONTAINED. THE
CAP/LID WAS SECURED. UNDAMAGED PRODUCT WAS RETURNED TO THE SHIPPER. THE
DAMAGED PRODUCT WAS PROPERLY DISPOSED OF IN ACCORDANCE WITH ACCORDANCE WITH
FEDERAL REGULATIONS.

A103 **HMIRS** **2000032151**
55-90 47TH ST **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 102 of 159 in cluster A

Relative: HMIRS:
Lower

Actual: Report #:	2000061441
7 ft. Site location:	55-90 47TH ST MASPETH, NY
Place of origin:	251 AND ROCKTON ROAD SOUTH BELOIT, IL
Destination:	MARRIOTT FD FLUSHING HOSPITAL PARSON BLVD & 45TH FLUSHING, NY 11355
Carrier ID:	92098
Carrier reporting #:	34-144-1019
Carrier:	FEDEX GROUND PACKAGE SYSTEM IN
Carrier address:	P O BOX 108 PITTSBURGH, PA 152300108
Shipper ID:	24649
Shipper name:	ECO-LABS INC
Shipper address:	251 AND ROCKTON ROAD SOUTH BELOIT, IL
Shipping paper number:	020897710379458
Consignee ID:	80350
Consignee name:	MARRIOTT FD FLUSHING HOSPITAL
Consignee addess:	PARSON BLVD & 45TH FLUSHING, NY 11355
General cause:	10
Transportation mode:	4
Date:	06/05/2000
Commodity name:	CORROS LIQ ACIDIC ORGANIC
Trade name:	ACETIC AND SULFONIC
Amount:	0. GAL
Result:	Spillage

(Continued) **2000032151**

Hazard Class:	80
ID Number:	UN3265
Hazardous:	True
R.Q. met:	False
Misc. info:	100 100
Vehicle Type:	Van truck/trailer
Trans. phase:	263
Land use:	272
Community:	281
Accident/Derailment:	False
Estimated speed:	F
Highway type:	999
number of lanes:	0
Number evacuated:	0
Major injuries:	0
Minor injuries:	0
Fatalities:	0
Product loss:	100
Carrier damage:	0
Pvt/Pub damage:	0
Cleanup cost:	25
Other damage:	0
Reported damage:	125
Incident damage:	0

Inner and Outer Container Information:

Container type:	PAIL PLS
Container capacity:	3. GAL
Number failed:	1
Number in shipment:	1
Container gauge:	Not reported
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER UNKNOWN, XX
Tank serial #:	Not reported
Label:	Not reported
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway
Contributing failure:	Burst/int. pressure
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	0
Number failed code:	0
Shipment code number:	0
Container type:	PAIL PLS
Container capacity:	3.25
Number failed:	1
Number in shipment:	1
Container gauge:	Not reported
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER UNKNOWN, XX
Tank serial #:	Not reported
Label:	Not reported

(Continued) **2000032151**

Registration #:	Not reported
Inspection date:	Not reported
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway
Contributing failure:	Burst/int. pressure
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	Not reported
Number failed code:	Not reported
Shipment code number:	Not reported
Container type:	BOX FBR
Container capacity:	3. GAL
Number failed:	1
Number in shipment:	1
Container gauge:	Not reported
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER UNKNOWN, XX
Tank serial #:	Not reported
Label:	WHITE
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway
Contributing failure:	Ripped
Affected side:	Bottom
Other contributing cause:	Package material
Capacity container code:	0
Number failed code:	0
Shipment code number:	0
Container type:	BOX FBR
Container capacity:	3.25
Number failed:	1
Number in shipment:	1
Container gauge:	Not reported
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER UNKNOWN, XX
Tank serial #:	Not reported
Label:	WHITE
Registration #:	Not reported
Inspection date:	Not reported
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway
Contributing failure:	Ripped
Affected side:	Bottom
Other contributing cause:	Package material
Capacity container code:	Not reported
Number failed code:	Not reported
Shipment code number:	Not reported

Remarks:

THE PACKAGE WAS DROPPED IN HANDLING. EXAMINATION OF THE INNER CONTAINER REVEALED A RUPTURED SEAM WHICH ALLOWED THE CONTENTS TO

(Continued) **2000032151**

ESCAPE. THE LEAKAGE WAS CONTAINED. THE PACKAGE WAS REPACKED FOR RETURN TO SHIPPER.

A104 **HMIRS** **2000101492**
55-90 47TH ST **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 103 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:

Report #:	2000101492
Site location:	55-90 47TH ST MASPETH, NY
Place of origin:	255 BLAIR ROAD AVENEL, NJ 07001
Destination:	BOMMERANG SPORTS BAR 3611 30TH AVE ASTORIA, NY 11103
Carrier ID:	92098
Carrier reporting #:	34-144-1019
Carrier:	FEDEX GROUND PACKAGE SYSTEM IN
Carrier address:	P O BOX 108 PITTSBURGH, PA 152300108
Shipper ID:	24649
Shipper name:	ECO-LABS INC
Shipper address:	255 BLAIR ROAD AVENEL, NJ 07001
Shipping paper number:	007184110698265
Consignee ID:	80350
Consignee name:	BOMMERANG SPORTS BAR
Consignee addess:	3611 30TH AVE ASTORIA, NY 11103
General cause:	10
Transportation mode:	4
Date:	10/13/2000
Commodity name:	HYPOCHLORITE SOLUTN >16%
Trade name:	Not reported
Amount:	1. GAL
Result:	Spillage
Hazard Class:	80
ID Number:	UN1791
Hazardous:	False
R.Q. met:	False
Misc. info:	100 100
Vehicle Type:	Van truck/trailer
Trans. phase:	262
Land use:	272
Community:	281
Accident/Derailment:	False
Estimated speed:	F
Highway type:	999
number of lanes:	0
Number evacuated:	0
Major injuries:	0
Minor injuries:	0
Fatalities:	0
Product loss:	100
Carrier damage:	0

(Continued) **2000101492**

Pvt/Pub damage:	0
Cleanup cost:	25
Other damage:	0
Reported damage:	125
Incident damage:	0

Inner and Outer Container Information:

Container type:	JUG PLS
Container capacity:	1. GAL
Number failed:	2
Number in shipment:	4
Container gauge:	Not reported
Manufacture's ID:	24649
Manuf. name:	ECO-LABS INC AVENEL, NJ
Tank serial #:	Not reported
Label:	Not reported
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Loose fitting
Contributing Object:	No object
Contributing failure:	LEAKED
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	0
Number failed code:	0
Shipment code number:	0
Container type:	BOX FBR
Container capacity:	4. GAL
Number failed:	1
Number in shipment:	1
Container gauge:	Not reported
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER UNKNOWN, XX
Tank serial #:	Not reported
Label:	WHITE
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	WET
Contributing Object:	Water
Contributing failure:	WET
Affected side:	Bottom
Other contributing cause:	Package material
Capacity container code:	0
Number failed code:	0
Shipment code number:	0

Remarks:

THE PACKAGE WAS UNLOADED WITH LEAKAGE NOTED ON THE BOX. EXAMINATION OF THE INNER CONTAINER REVEALED THAT THE CONTAINER(S) HAD LOOSE CAP(S) AND LEAKED. THE LEAKAGE WAS CONTAINED. THE CAP(S) WERE SECURED. THE CARTON WAS WET BUT OTHERWISE UNDAMAGED. THE PACKAGE WAS REPACKED FOR RETURN TO SHIPPER.

A105 **55-90 47TH STREET** **HMIRS** **2005706322**
55-90 47TH STREET **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 104 of 159 in cluster A

Relative: HMIRS:
Lower

Actual:
7 ft.

Report #:	2005080168
System ID:	392467
Report type:	A
Incident site:	55-90 47TH STREET MASPETH, NY 11378
Incident county:	QUEENS
Incident country:	US
Incident date:	04/26/2005
Incident time:	1207
NRC report #:	0
Other fed agency reported to:	Not reported
Other agency report #:	Not reported
Incident foreign country:	Not reported
Transportation mode:	4
Transportation phase:	263
Carrier DOT ID:	265752
Carrier Hazmat ID:	062904001002M
Carrier name:	FEDEX GROUND PACKAGE SYSTEM IN
Carrier address:	1000 FEDEX DRIVE MOON TOWNSHIP, PA 15108
Carrier country:	US
Incident consequence:	Spillage
EMS/Fire crew responded:	False
EMS/Fire crew report #:	Not reported
Police responded:	False
Police report #:	Not reported
In-house cleanup occurred:	True
Other cleanup occurred:	False
Estimated damages exceed $500:	False
Value of material lost:	0
Value of carrier loss:	0
Value of pub/priv property loss:	0
Response cost:	0
Remediation cost:	0

Details of fatalities by vapor/fire/explosion of hazardous material:

Did Fatalities occur:	False
No. of employee fatalities:	0
No. of responder fatalities:	0
No. of public fatalities:	0

Details of fatalities not due to hazardous material:

Did fatalities occur:	False
No. of dead persons:	0

Details of injuries due to hazardous material:

Did injuries occur:	False
No. of employees hospitalized:	0
No. of employees not hospitalized:	0
No. of responders hospitalized:	0
No. of responders not hospitalized:	0
No. of public hospitalized:	0
No. of public not hospitalized:	0

55-90 47TH STREET (Continued) **2005706322**

Evacuation was required:	False
No. of employees evacuated:	0
No. of public evacuated:	0
Total number evacuated:	0
Evacuation time in hours:	0
Road/facility was closed:	False
No. of hours closed:	0
Hazmat invloved in crash/derailment:	False
Estimated speed of crash:	0
Crash weather conditions:	Not reported
Vehicle overturned:	Not reported
Did vehicle leave road/track:	Not reported
Where incident occurred/discovered:	Not reported
Shipment handling details:	Not reported

Incident report preparer details:

Preparer name:	DENISE HANCHULAK
Preparer title:	TSM MANAGER II - SAFETY
Hazmat registration ID:	Not reported
Employer business name:	FEDEX GROUND PACKAGE SYSTEM, INC
Address:	1000 FEDEX DRIVE MOON TOWNSHIP, PA 15108
Country:	US
Report date:	07/22/2005
Telephone:	(412)859-5056
Fax:	(412)859-5045
Business type:	C
Preparer other function:	Not reported

A106 **HMIRS** **97101197**
N/A

55-59 47TH ST
< 1/8 **MASPETH, NY**
1 ft.

Site 105 of 159 in cluster A

Relative: Higher
Actual: 10 ft.

HMIRS:

Report #:	97101197
Site location:	55-59 47TH ST MASPETH, NY
Place of origin:	225 PARSONS ST KALAMAZOO, MI 49007
Destination:	MARY IMMACULATE HOSPITAL 152 11 89TH AVE JAMAICA, NY 11432
Carrier ID:	22131
Carrier reporting #:	34-144-1019
Carrier:	ROADWAY PACKAGE SYSTEM INC
Carrier address:	P O BOX 108 PITTSBURGH, PA 152300108
Shipper ID:	83554
Shipper name:	RICHARD-ALLEN SCIENTIFIC
Shipper address:	225 PARSONS ST KALAMAZOO, MI 49007
Shipping paper number:	4904900212679405
Consignee ID:	33572
Consignee name:	MARY IMMACULATE HOSPITAL
Consignee addess:	152 11 89TH AVE JAMAICA, NY 11432

(Continued) **97101197**

General cause:	01
Transportation mode:	004
Date:	09291997
Commodity name:	CORROSIVE LIQUIDS N.O.S.
Trade name:	FORMIC ACID FORMALDE
Amount:	.03125000 GAL
Result:	Fire
Hazard Class:	80
ID Number:	UN1760
Hazardous:	False
R.Q. met:	False
Misc. info:	010 010
Vehicle Type:	Flat bed truck/trailer
Trans. phase:	26
Land use:	327
Community:	228
Accident/Derailment:	Yes
Estimated speed:	1
Highway type:	Not reported
number of lanes:	Not reported
Number evacuated:	000000
Major injuries:	000
Minor injuries:	000
Fatalities:	00
Product loss:	00000010
Carrier damage:	00000000
Pvt/Pub damage:	00000000
Cleanup cost:	00000002
Other damage:	00000000
Reported damage:	00000012
Incident damage:	00000000

Inner and Outer Container Information:

Container type:	JAR PLS
Container capacity:	1.00000000 GAL
Number failed:	00001
Number in shipment:	00000
Container gauge:	10
Manufacture's ID:	83554
Manuf. name:	RICHARD-ALLEN SCIENTIFIC KALAMAZOO, MI
Tank serial #:	Not reported
Label:	Not reported
Registration #:	Not reported
Inspection date:	Not reported
Exemption #:	Not reported
Contributing cause:	Loose fitting
Contributing Object:	No object
Contributing failure:	LEAKED
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	Not reported
Number failed code:	Not reported
Shipment code number:	Not reported
Container type:	4G
Container capacity:	1.00000000 GAL
Number failed:	00001

(Continued) **97101197**

Number in shipment:	00000
Container gauge:	10
Manufacture's ID:	14004
Manuf. name:	GREEN BAY PACKAGING INC KALAMAZOO, MI
Tank serial #:	Not reported
Label:	WHITE
Registration #:	Not reported
Inspection date:	Not reported
Exemption #:	Not reported
Contributing cause:	NO RESP
Contributing Object:	Water
Contributing failure:	WET
Affected side:	Bottom
Other contributing cause:	Package material
Capacity container code:	Not reported
Number failed code:	Not reported
Shipment code number:	Not reported

Remarks:

PACKAGE WAS UNLOADED WITH LEAKAGE NOTED ON THE BOX. EXAMINATION OF
PACKAGE WAS UNLOADED WITH LEAKAGE NOTED ON THE BOX. EXAMINATION OF
THE INNER
THE INNER
CONTAINER REVEALED THAT THE CONTAINER(S)) HAD LOOSE CAP(S) AND
CONTAINER REVEALED THAT THE CONTAINER(S)) HAD LOOSE CAP(S) AND
LEAKED. THE LEAKAGE WAS
LEAKED. THE LEAKAGE WAS
CONTAINED. THE CAP(S) WERE SECURED. CARTON WAS WET BUT OTHERWISE
CONTAINED. THE CAP(S) WERE SECURED. CARTON WAS WET BUT OTHERWISE
UNDAMAGED.
UNDAMAGED.
PACKAGE WAS REPACKED FOR RETURN TO THE SHIPPER.
PACKAGE WAS REPACKED FOR RETURN TO THE SHIPPER.

A107 **HMIRS** **2002085106**
55-90 47TH STREET **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 106 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:

Report #:	2002110441
Site location:	55-90 47TH STREET MASPETH, NY
Place of origin:	820 WILLS ROAD ALPHARETTA, GA 30004
Destination:	CCGC OF NY 59-02 BORDEN AVENUE MASPETH, NY 11378
Carrier ID:	92098
Carrier reporting #:	34-144-1019
Carrier:	FEDEX GROUND PACKAGE SYSTEM IN
Carrier address:	P O BOX 108 PITTSBURGH, PA 152300108
Shipper ID:	101906
Shipper name:	COCA-COLA FOUNTAIN

(Continued) **2002085106**

Shipper address:	820 WILLS ROAD ALPHARETTA, GA 30004
Shipping paper number:	023498110088918
Consignee ID:	80350
Consignee name:	CCGC OF NY
Consignee addess:	59-02 BORDEN AVENUE MASPETH, NY 11378
General cause:	10
Transportation mode:	4
Date:	10/22/2002
Commodity name:	SULFURIC ACID <51% ACID
Trade name:	Not reported
Amount:	0.13 GAL
Result:	Spillage
Hazard Class:	80
ID Number:	UN2796
Hazardous:	True
R.Q. met:	False
Misc. info:	100 100
Vehicle Type:	Van truck/trailer
Trans. phase:	263
Land use:	271
Community:	281
Accident/Derailment:	False
Estimated speed:	F
Highway type:	999
number of lanes:	0
Number evacuated:	0
Major injuries:	0
Minor injuries:	0
Fatalities:	0
Product loss:	100
Carrier damage:	0
Pvt/Pub damage:	0
Cleanup cost:	425
Other damage:	0
Reported damage:	525
Incident damage:	0

Inner and Outer Container Information:

Container type:	BOTL PLS
Container capacity:	0.25 GAL
Number failed:	1
Number in shipment:	12
Container gauge:	Not reported
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER UNKNOWN, XX
Tank serial #:	Not reported
Label:	Not reported
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Loose fitting
Contributing Object:	No object
Contributing failure:	LEAKED
Affected side:	Top

(Continued) **2002085106**

Other contributing cause:	Closure
Capacity container code:	0
Number failed code:	0
Shipment code number:	0
Container type:	4G
Container capacity:	3.00 GAL
Number failed:	1
Number in shipment:	1
Container gauge:	4G/Y26.9/S/0
Manufacture's ID:	101906
Manuf. name:	COCA-COLA FOUNTAIN ALPHARETTA, GA
Tank serial #:	Not reported
Label:	WHITE
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	WET
Contributing Object:	Water
Contributing failure:	WET
Affected side:	Bottom
Other contributing cause:	Package material
Capacity container code:	0
Number failed code:	0
Shipment code number:	0

Remarks:

THE PACKAGE WAS UNLOADED WITH LEAKAGE NOTED ON THE BOX. EXAMINATION OF THE
INNER CONTAINER REVEALED THAT THE CONTAINER(S) HAD LOOSE CAP(S) AND LEAKED.
THE LEAKAGE WAS CONTAINED. THE CAP(S) WERE SECURED. THE CARTON WAS WET
BUT OTHERWISE UNDAMAGED. THE UNDAMAGED PORTION OF THE PACKAGE WAS REPACKED
FOR RETURN TO SHIPPER.

A108 **55-90 47TH ST** **HMIRS** **2011001177**
55-90 47TH ST **N/A**
< 1/8 **MASPETH, NY 11378**
1 ft.

Site 107 of 159 in cluster A

Relative: Lower
Actual: 7 ft.

HMIRS:

Report Number:	X-2011090082
Report Source:	XML
Multiple Rows per Incident:	No
Report Type:	A hazardous material incident
Date of Incident:	08/04/2011
Time of Incident:	2300
NRC Number:	Not reported
Fed DOT Agency Name:	Not reported
Fed DOT Report #:	Not reported
Incident City:	Maspeth
Incident County:	Queen
Incident State:	NY
Incident Zip:	11378

55-90 47TH ST (Continued) **2011001177**

Incident Non-US State:	Not reported
Incident Country:	US
Incident Route:	55-90 47th st
Mode of Transportation:	Highway
Transportation Phase:	UNLOADING
Carrier/Reporter Name:	FEDEX GROUND PACKAGE SYSTEM INC.
Carrier/Reporter Street:	1000 FED EX DR
Carrier/Reporter City:	CORAOPOLIS
Carrier/Reporter State:	PA
Carrier/Reporter Zip:	15108
Carrier/Reporter Non-US State:	Not reported
Carrier/Reporter FED DOT ID:	1470984
Carrier/Reporter HAZMAT ID:	051910551007S
Carrier/Reporter Country:	US
Shipper Name:	ATLANTIC PLYWOOD
Shipper Street:	1122 44TH RD
Shipper City:	LONG ISLAND CITY
Shipper State:	Not reported
Shipper Zip:	11101
Shipper Non-US State:	NY
Shipper Country:	United States
Waybill/Shipping Paper:	941701415004246
Shipper HAZMAT Registration ID:	Not reported
Origin City:	LONG ISLAND CITY
Origin State:	NE
Origin Zip:	11101
Origin Non-US State:	Not reported
Origin Country:	US
Destination City:	WESTBROOK
Destination State:	Not reported
Destination Postal Code:	Not reported
Destination Non-US State:	Not reported
Destination Country:	US
Commodity Short Name:	PAINT
Commodity Long Name:	PAINT
Technical/Trade Name:	Not reported
Identification Number:	UN1263
Hazardous Class Code:	2.0
Hazardous Class:	COMBUSTIBLE LIQUID
Packing Group:	II
Quantity Released:	1
Unit of Measure:	LGA
Unit of Measure Description:	Liquid - Gallon
HAZMAT Waste Indicator:	No
HAZMAT Waste EPA ID:	Not reported
HMIS Toxic by Inhalation:	No
TIH Hazard Zone:	Not reported
Material Shipment Approval:	No
Mat. Shipment Approval #:	Not reported
Undeclared HAZMAT Shipment:	No
Packaging Type:	Non-Bulk
What Failed Code:	109
What Failed Description:	Closure (e.g. Cap Top or Plug)
How Failed Code:	302
How Failed Description:	Bent
Failure Cause Code:	526
Failure Cause Description:	Loose Closure Component or Device

55-90 47TH ST (Continued) **2011001177**

Identification Markings:	Not reported
Cont1 Packaging Type:	Drum
Cont1 Material of Construction:	Plastic
Cont1 Head Type:	Not reported
Cont1 Package Capacity:	Not reported
Cont1 Package Capacity UOM:	Not reported
Cont1 Package Amount:	Not reported
Cont1 Package Amount UOM:	Not reported
Cont1 Pkg Number:	Not reported
Cont1 Pkg Shipment # Failed:	Not reported
Cont1 Package Manufacturer:	Not reported
Cont1 Pkg Manufacturer Date:	Not reported
Cont1 Package Serial Number:	Not reported
Cont1 Package Last Test Date:	Not reported
Cont1 Test Material Of Const:	Not reported
Cont1 Pkg Dsign Pressure Rpted:	Not reported
Cont1 Dsign Pressure UOM Rpted:	Not reported
Cont1 Pkg Shell Thickness Rptd:	Not reported
Cont1 Shell Thickness UOM Rptd:	Not reported
Cont1 Head Thickness Reported:	Not reported
Cont1 Head Thickness UOM Rpted:	Not reported
Cont1 Pkg Srvc Pressure Rpted:	Not reported
Cont1 Srvc Pressure UOM Rpted:	Not reported
Cont1 Valve or Device Fail Ind:	No
Cont1 Valve or Device Type:	Not reported
Cont1 Val Device Manufacturer:	Not reported
Cont1 Valve or Device Model:	Not reported
Cont2 Package Type:	Not reported
Cont2 Material of Construction:	Not reported
Cont2 Package Capacity:	Not reported
Cont2 Capacity UOM Reported:	Not reported
Cont2 Package Amount:	Not reported
Cont2 Package Amount UOM:	Not reported
Cont2 Pkg Number in Shipment:	Not reported
Cont2 Pkg Shipment # Failed:	Not reported
RAM Package Category:	Not reported
RAM Package Certification:	FALSE
RAM Package Certification #:	Not reported
RAM Nuclide(s) Present:	Not reported
RAM Transport Index:	Not reported
RAM UOM:	Not reported
RAM Activity Rpted:	Not reported
RAM UOM Rpted:	Not reported
RAM Activity:	Not reported
RAM Activity UOM:	Not reported
RAM Material Safety Index:	Not reported
Spillage (Ind:	Yes
Fire Ind:	No
Explosion Ind:	No
Water Sewer Ind:	No
Gas Dispersion Ind:	No
Environmental Damage:	No
No Release Ind:	No
Fire/EMS Report Ind:	No
Fire EMS/EMS Report #:	Not reported
Police Report Ind:	No
Police Report #:	Not reported

55-90 47TH ST (Continued) **2011001177**

In-House Cleanup Ind:	No
Other Cleanup Ind:	No
Damage More Than 500:	No
Material Loss:	0
Carrier Damage:	0
Property Damage:	0
Response Cost:	0
Remediation Cleanup Cost:	0
Damage Other (Old Form):	0
Total Amount of Damages:	0
HAZMAT Fatality Indicator:	No
HAZMAT Fatalities Employees:	0
HAZMAT Fatalities Responders:	0
HAZMAT Fatality Gen. Public:	0
Hazmat Fatalities (Old Form):	0
Total Hazmat Fatalities:	Not reported
Non_HAZMAT Fatality Indicator:	No
Non-HAZMAT Fatalities:	0
HAZMAT Injury Indicator:	No
HAZMAT Hospitalized Employees:	0
HAZMAT Hospitalized Responders:	0
HAZMAT Hospitalized Gen Public:	0
HAZMAT Hospitalized (Old Form):	0
Total Hazmat Hosp Injuries:	0
HAZMAT NonHosp Employees:	0
HAZMAT NonHosp Responders:	0
HAZMAT NonHosp Gen. Public:	0
HAZMAT NonHosp (Old Form):	0
Total Hazmat NonHosp Injuries:	0
Total Hazmat Injuries:	0
Evacuation Indicator:	No
Public Evacuated:	0
Employees Evacuated:	0
Total Evacuated:	0
Total Evacuation Hours:	0
Major Artery Closed:	No
Major Artery Hours Closed:	0
Material Involved in Accident:	No
Estimated Speed:	0
Weather Conditions:	Not reported
Vehicle Overturn:	No
Vehicle Left Roadway/Track:	No
Passenger Aircraft Indicator:	No
Cargo Passenger Baggage Ind:	Not reported
Incident Occurrence:	Not reported
Shipphase Non-Transported Ind:	No
Shipphase Air First Flight Ind:	No
Shipphase Air SubFlight Ind:	No
Shipphase Init Transport Ind:	No
Shipphase Transfer Indicator:	No
Contact Name:	GEORGE FETSKO
Contact Title:	SAFETY PROCESS SPECIALIST I - HAZMAT
Contact Business Name:	Fedex Ground Package System Inc.
Contact Street:	1000 Fedex Drive
Contact City:	Moon Township
Contact State:	PA
Contact Postal Code:	15108

55-90 47TH ST (Continued) **2011001177**

Contact Non-US State:	Not reported
Contact Country:	US
Preparer of Incident Report:	Carrier
Description of Events:	The package was unloaded with leakage noted on the box. Examination of the inner container revealed that the container(s) had loose cap(s) and leaked. The leakage was contained. The cap(s) were secured. The carton was wet but otherwise undamaged. The undamaged portion of the package was repacked for return to shipper.
Recommendations/Actions Taken:	Not reported
Recommendations/Actions:	Not reported
HMIS Serious Incident Ind:	No
HMIS Serious Fatality:	No
HMIS Serious Injury:	No
HMIS Serious Flight Plan:	No
HMIS Serious Evacuations:	No
HMIS Serious Major Artery:	No
HMIS Serious Bulk Release:	No
HMIS Serious Marine Pollutant:	No
HMIS Serious Radioactive:	No
HMIS General Package Type:	OHMIR.Ref_Container.descr
HMIS Container Code:	CONT
HMIS Container Description:	Container no description given (do not use if at all possible)
HMIS Bulk Incident Indicator:	No
Undeclared Shipment:	No

A109 **HMIRS** **2000027504**
55-90 47TH STREET **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 108 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:

Report #:	2000050662
Site location:	55-90 47TH STREET MASPETH, NY
Place of origin:	255 BLAIR ROAD AVENEL, NJ 07001
Destination:	SLIMS BAGELS 22118 HORACE HARDIN EXPRESSWAY FLUSHING, NY 11364
Carrier ID:	92098
Carrier reporting #:	341441019
Carrier:	FEDEX GROUND PACKAGE SYSTEM IN
Carrier address:	P O BOX 108 PITTSBURGH, PA 152300108
Shipper ID:	24649
Shipper name:	ECO-LABS INC
Shipper address:	255 BLAIR ROAD AVENEL, NJ 07001
Shipping paper number:	007184110263807
Consignee ID:	80350
Consignee name:	SLIMS BAGELS
Consignee addess:	22118 HORACE HARDIN EXPRESSWAY FLUSHING, NY 11364
General cause:	10
Transportation mode:	4
Date:	04/25/2000
Commodity name:	HYPOCHLORITE SOLUTN 5-16%

(Continued) **2000027504**

Trade name:	Not reported
Amount:	0.02 GAL
Result:	Spillage
Hazard Class:	80
ID Number:	UN1791
Hazardous:	False
R.Q. met:	False
Misc. info:	100 100
Vehicle Type:	Van truck/trailer
Trans. phase:	263
Land use:	271
Community:	281
Accident/Derailment:	False
Estimated speed:	F
Highway type:	999
number of lanes:	Not reported
Number evacuated:	0
Major injuries:	0
Minor injuries:	0
Fatalities:	0
Product loss:	100
Carrier damage:	0
Pvt/Pub damage:	0
Cleanup cost:	25
Other damage:	0
Reported damage:	125
Incident damage:	0

Inner and Outer Container Information:

Container type:	1H2
Container capacity:	5. GAL
Number failed:	1
Number in shipment:	1
Container gauge:	UN1H2/Y30/S9
Manufacture's ID:	24649
Manuf. name:	ECO-LABS INC ST PAUL, MN
Tank serial #:	Not reported
Label:	WHITE
Registration #:	M2014
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Loose fitting
Contributing Object:	No object
Contributing failure:	LEAKED
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	0
Number failed code:	0
Shipment code number:	0
Container type:	1H2
Container capacity:	5.00
Number failed:	1
Number in shipment:	1
Container gauge:	UN1H2/Y30/S9
Manufacture's ID:	24649
Manuf. name:	ECO-LABS INC

(Continued) **2000027504**

ST PAUL, MN
Tank serial #: Not reported
Label: WHITE
Registration #: M2014
Inspection date: Not reported
Exemption #: Not reported
Contributing cause: Loose fitting
Contributing Object: No object
Contributing failure: LEAKED
Affected side: Top
Other contributing cause: Closure
Capacity container code: Not reported
Number failed code: Not reported
Shipment code number: Not reported

Remarks:

(A) THE PAIL WAS UNLOADED WITH LEAKAGE NOTED. EXAMINATION OF THE PAIL
THE PAIL WAS UNLOADED WITH LEAKAGE NOTED. EXAMINATION OF THE PAIL
REVEALED THE PAIL HAD A LOOSE CAP/LID AND LEAKED. THE LEAKAGE WAS
CONTAINED. THE CAP/LID WAS SECURED. THE PAIL WAS REPACKED FOR RETURN
CONTAINED. THE CAP/LID WAS SECURED. THE PAIL WAS REPACKED FOR RETURN
TO
SHIPPER. (B - C) THE PACKAGE WAS DROPPED IN HANDLING. EXAMINATION OF
THE
TO SHIPPER.
INNER CONTAINER REVEALED A RUPTURED SEAM WHICH ALLOWED THE CONTENTS TO
ESCAPE. THE LEAKAGE WAS CONTAINED. THE PACKAGE WAS REPACKED FOR
RETURN
TO SHIPPER.

A110 **HMIRS** **2000026171**
55-90 47TH ST **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 109 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:
Report #: 2000041159
Site location: 55-90 47TH ST
MASPETH, NY
Place of origin: 5960 HEISLEY ROAD
MENTOR, OH 44060
Destination: FISHER SCIENTIFIC CO
1300 MORRIS PARK AVE
BRONX, NY 10461
Carrier ID: 92098
Carrier reporting #: 34-144-1019
Carrier: FEDEX GROUND PACKAGE SYSTEM IN
Carrier address: P O BOX 108
PITTSBURGH, PA 152300108
Shipper ID: 41781
Shipper name: STERIS CORPORATION
Shipper address: 5960 HEISLEY ROAD
MENTOR, OH 44060
Shipping paper number: 020224595079850
Consignee ID: 13428
Consignee name: FISHER SCIENTIFIC CO

(Continued) **2000026171**

Consignee addess:	1300 MORRIS PARK AVE
	BRONX, NY 10461
General cause:	10
Transportation mode:	4
Date:	04/01/2000
Commodity name:	DISINFECTANT CORROS LIQ
Trade name:	PHOSPHORIC ACID
Amount:	0.13 GAL
Result:	Spillage
Hazard Class:	80
ID Number:	UN1903
Hazardous:	False
R.Q. met:	False
Misc. info:	100 100
Vehicle Type:	Van truck/trailer
Trans. phase:	263
Land use:	271
Community:	281
Accident/Derailment:	False
Estimated speed:	F
Highway type:	999
number of lanes:	Not reported
Number evacuated:	0
Major injuries:	0
Minor injuries:	0
Fatalities:	0
Product loss:	100
Carrier damage:	0
Pvt/Pub damage:	0
Cleanup cost:	25
Other damage:	0
Reported damage:	125
Incident damage:	0

Inner and Outer Container Information:

Container type:	JUG PLS
Container capacity:	1.00
Number failed:	1
Number in shipment:	4
Container gauge:	40076-157 12
Manufacture's ID:	32542
Manuf. name:	AMSCO/APEX
	UNKNOWN, XX
Tank serial #:	Not reported
Label:	Not reported
Registration #:	Not reported
Inspection date:	Not reported
Exemption #:	Not reported
Contributing cause:	Loose fitting
Contributing Object:	No object
Contributing failure:	LEAKED
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	Not reported
Number failed code:	Not reported
Shipment code number:	Not reported
Container type:	JUG PLS

(Continued) **2000026171**

Container capacity:	1. GAL
Number failed:	1
Number in shipment:	4
Container gauge:	40076-157 12
Manufacture's ID:	32542
Manuf. name:	AMSCO/APEX UNKNOWN, XX
Tank serial #:	Not reported
Label:	Not reported
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Loose fitting
Contributing Object:	No object
Contributing failure:	LEAKED
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	0
Number failed code:	0
Shipment code number:	0
Container type:	4G
Container capacity:	4.00
Number failed:	1
Number in shipment:	1
Container gauge:	UN4G/Y26.7S/
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER UNKNOWN, XX
Tank serial #:	Not reported
Label:	WHITE
Registration #:	M5106
Inspection date:	Not reported
Exemption #:	Not reported
Contributing cause:	WET
Contributing Object:	Water
Contributing failure:	WET
Affected side:	Bottom
Other contributing cause:	Package material
Capacity container code:	Not reported
Number failed code:	Not reported
Shipment code number:	Not reported
Container type:	4G
Container capacity:	4. GAL
Number failed:	1
Number in shipment:	1
Container gauge:	UN4G/Y26.7S/
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER UNKNOWN, XX
Tank serial #:	Not reported
Label:	WHITE
Registration #:	M5106
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	WET
Contributing Object:	Water
Contributing failure:	WET

(Continued) **2000026171**

Affected side:	Bottom
Other contributing cause:	Package material
Capacity container code:	0
Number failed code:	0
Shipment code number:	0

Remarks:

THE PACKAGE WAS UNLOADED WITH LEAKAGE NOTED ON THE BOX. EXAMINATION OF THE INNER CONTAINER REVEALED THAT THE CONTAINER(S) HAD LOOSE CAP(S) AND LEAKED. THE LEAKAGE WAS CONTAINED. THE CAP(S) WERE SECURED. THE CARTON WAS WET BUT OTHERWISE UNDAMAGED. THE PACKAGE WAS REPACKED FOR RETURN TO SHIPPER.

A111 **HMIRS** **2000030761**

55-90 47TH ST **N/A**

< 1/8 **MASPETH, NY**

1 ft.

Site 110 of 159 in cluster A

Relative: **Lower**

Actual: **7 ft.**

HMIRS:

Report #:	2000060706
Site location:	55-90 47TH ST MASPETH, NY
Place of origin:	255 BLAIR ROAD AVENEL, NJ 07001
Destination:	MEGNA RESTAURANT 7414 37TH AVE JACKSON HEIGHTS, NY 11372
Carrier ID:	92098
Carrier reporting #:	341441019
Carrier:	FEDEX GROUND PACKAGE SYSTEM IN
Carrier address:	P O BOX 108 PITTSBURGH, PA 152300108
Shipper ID:	24649
Shipper name:	ECO-LABS INC
Shipper address:	255 BLAIR ROAD AVENEL, NJ 07001
Shipping paper number:	007184110468028
Consignee ID:	80350
Consignee name:	MEGNA RESTAURANT
Consignee addess:	7414 37TH AVE JACKSON HEIGHTS, NY 11372
General cause:	10
Transportation mode:	4
Date:	05/30/2000
Commodity name:	HYPOCHLORITE SOLUTN >16%
Trade name:	Not reported
Amount:	0.09 GAL
Result:	Spillage
Hazard Class:	80
ID Number:	UN1791
Hazardous:	False
R.Q. met:	False
Misc. info:	100 100
Vehicle Type:	Van truck/trailer
Trans. phase:	263
Land use:	271

(Continued) **2000030761**

Community:	281
Accident/Derailment:	False
Estimated speed:	F
Highway type:	999
number of lanes:	Not reported
Number evacuated:	0
Major injuries:	0
Minor injuries:	0
Fatalities:	0
Product loss:	100
Carrier damage:	0
Pvt/Pub damage:	0
Cleanup cost:	25
Other damage:	0
Reported damage:	125
Incident damage:	0

Inner and Outer Container Information:

Container type:	1H2
Container capacity:	5.00
Number failed:	1
Number in shipment:	1
Container gauge:	UN1H2/Y1.5/2
Manufacture's ID:	24649
Manuf. name:	ECO-LABS INC ST PAUL, MN
Tank serial #:	Not reported
Label:	WHITE
Registration #:	M2014
Inspection date:	Not reported
Exemption #:	Not reported
Contributing cause:	Loose fitting
Contributing Object:	No object
Contributing failure:	LEAKED
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	Not reported
Number failed code:	Not reported
Shipment code number:	Not reported
Container type:	1H2
Container capacity:	5. GAL
Number failed:	1
Number in shipment:	1
Container gauge:	UN1H2/Y1.5/2
Manufacture's ID:	24649
Manuf. name:	ECO-LABS INC ST PAUL, MN
Tank serial #:	Not reported
Label:	WHITE
Registration #:	M2014
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Loose fitting
Contributing Object:	No object
Contributing failure:	LEAKED
Affected side:	Top
Other contributing cause:	Closure

(Continued) **2000030761**

Capacity container code:	0
Number failed code:	0
Shipment code number:	0
Container type:	1H2
Container capacity:	5.00
Number failed:	1
Number in shipment:	1
Container gauge:	1H2/Y1.5/20/
Manufacture's ID:	24649
Manuf. name:	ECO-LABS INC ST PAUL, MN
Tank serial #:	Not reported
Label:	WHITE
Registration #:	M2014
Inspection date:	Not reported
Exemption #:	Not reported
Contributing cause:	Loose fitting
Contributing Object:	No object
Contributing failure:	LEAKED
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	Not reported
Number failed code:	Not reported
Shipment code number:	Not reported

Remarks:

(A - B) THE PAIL WAS UNLOADED WITH LEAKAGE NOTED. EXAMINATION OF THE PAIL
REVEALED THE PAIL HAD LOOSE CAP/LID AND LEAKED. THE LEAKAGE WAS CONTAINED.
THE CAP/LID WAS SECURED. THE PAIL WAS REPACKED FOR RETURN TO SHIPPER.

A112 **HMIRS** **2000020652**
55-90 47TH STREET **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 111 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:

Report #:	2000020946
Site location:	55-90 47TH STREET MASPETH, NY
Place of origin:	7400 TIERRA BUENA LANE SCOTTSDALE, AZ 85260
Destination:	NEHOC/FOUR STAR 1842 E JERRICHO TPK HUNTINGTON, NY 11783
Carrier ID:	92098
Carrier reporting #:	34-144-1019
Carrier:	FEDEX GROUND PACKAGE SYSTEM IN
Carrier address:	P O BOX 108 PITTSBURGH, PA 15230
Shipper ID:	83391
Shipper name:	STYLING TECHNOLOGY CORP
Shipper address:	7400 TIERRA BUENA LANE SCOTTSDALE, AZ 85260
Shipping paper number:	Not reported

(Continued) **2000020652**

Consignee ID:	80350
Consignee name:	NEHOC/FOUR STAR
Consignee addess:	1842 E JERRICHO TPK HUNTINGTON, NY 11783
General cause:	10
Transportation mode:	4
Date:	01/12/2000
Commodity name:	FLAMMABLE LIQUIDS N.O.S.
Trade name:	Not reported
Amount:	0. GAL
Result:	Spillage
Hazard Class:	30
ID Number:	UN1993
Hazardous:	False
R.Q. met:	False
Misc. info:	100 100
Vehicle Type:	Van truck/trailer
Trans. phase:	263
Land use:	271
Community:	281
Accident/Derailment:	False
Estimated speed:	F
Highway type:	999
number of lanes:	0
Number evacuated:	0
Major injuries:	0
Minor injuries:	0
Fatalities:	0
Product loss:	100
Carrier damage:	0
Pvt/Pub damage:	0
Cleanup cost:	25
Other damage:	0
Reported damage:	125
Incident damage:	0

Inner and Outer Container Information:

Container type:	CONT PLS
Container capacity:	1. GAL
Number failed:	4
Number in shipment:	4
Container gauge:	Not reported
Manufacture's ID:	93370
Manuf. name:	STYLING TECH UNKNOWN, XX
Tank serial #:	Not reported
Label:	Not reported
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway
Contributing failure:	Burst/int. pressure
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	0
Number failed code:	0

(Continued) **2000020652**

Shipment code number:	0
Container type:	CONT PLS
Container capacity:	1.00
Number failed:	4
Number in shipment:	4
Container gauge:	Not reported
Manufacture's ID:	93370
Manuf. name:	STYLING TECH
	UNKNOWN, XX
Tank serial #:	Not reported
Label:	Not reported
Registration #:	Not reported
Inspection date:	Not reported
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway
Contributing failure:	Burst/int. pressure
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	Not reported
Number failed code:	Not reported
Shipment code number:	Not reported
Container type:	BOX FBR
Container capacity:	4. GAL
Number failed:	1
Number in shipment:	1
Container gauge:	Not reported
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER
	UNKNOWN, XX
Tank serial #:	Not reported
Label:	RED
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway
Contributing failure:	Ripped
Affected side:	Bottom
Other contributing cause:	Package material
Capacity container code:	0
Number failed code:	0
Shipment code number:	0
Container type:	BOX FBR
Container capacity:	4.00
Number failed:	1
Number in shipment:	1
Container gauge:	Not reported
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER
	UNKNOWN, XX
Tank serial #:	Not reported
Label:	RED
Registration #:	Not reported
Inspection date:	Not reported
Exemption #:	Not reported
Contributing cause:	Dropped

(Continued) **2000020652**

Contributing Object:	Roadway
Contributing failure:	Ripped
Affected side:	Bottom
Other contributing cause:	Package material
Capacity container code:	Not reported
Number failed code:	Not reported
Shipment code number:	Not reported

Remarks:

THE PACKAGE WAS DROPPED IN HANDLING. EXAMINATION OF THE INNER CONTAINER REVEALED A RUPTURED SEAM WHICH ALLOWED THE CONTENTS TO ESCAPE. THE LEAKAGE WAS CONTAINED. THE PACKAGE WAS REPACKED FOR RETURN TO SHIPPER.

A113 **HMIRS** **2000031122**

55-90 47TH **N/A**

< 1/8 **MASPETH, NY**

1 ft.

Site 112 of 159 in cluster A

Relative: **Lower**

Actual: **7 ft.**

HMIRS:

Report #:	2000060895
Site location:	55-90 47TH MASPETH, NY
Place of origin:	255 BLAIR ROAD AVENEL, NJ 07001
Destination:	JOEY'S PLACE 8414 ASTRORIA BLVD EAST ELMHURST, NY 11357
Carrier ID:	92098
Carrier reporting #:	34-144-1019
Carrier:	FEDEX GROUND PACKAGE SYSTEM IN
Carrier address:	P O BOX 108 PITTSBURGH, PA 152300108
Shipper ID:	24649
Shipper name:	ECO-LABS INC
Shipper address:	255 BLAIR ROAD AVENEL, NJ 07001
Shipping paper number:	07184110431612
Consignee ID:	80350
Consignee name:	JOEY'S PLACE
Consignee addess:	8414 ASTRORIA BLVD EAST ELMHURST, NY 11357
General cause:	10
Transportation mode:	4
Date:	05/31/2000
Commodity name:	SODIUM HYDROXIDE SOLUTION
Trade name:	Not reported
Amount:	0. GAL
Result:	Spillage
Hazard Class:	80
ID Number:	UN1824
Hazardous:	False
R.Q. met:	False
Misc. info:	100 100
Vehicle Type:	Van truck/trailer
Trans. phase:	263

(Continued) **2000031122**

Land use:	271
Community:	281
Accident/Derailment:	False
Estimated speed:	F
Highway type:	999
number of lanes:	0
Number evacuated:	0
Major injuries:	0
Minor injuries:	0
Fatalities:	0
Product loss:	100
Carrier damage:	0
Pvt/Pub damage:	0
Cleanup cost:	25
Other damage:	0
Reported damage:	125
Incident damage:	0

Inner and Outer Container Information:

Container type:	1H2
Container capacity:	5.00
Number failed:	1
Number in shipment:	1
Container gauge:	UN1HY2/Y1.5/
Manufacture's ID:	24649
Manuf. name:	ECO-LABS INC ST PAUL, MN
Tank serial #:	Not reported
Label:	WHITE
Registration #:	Not reported
Inspection date:	Not reported
Exemption #:	Not reported
Contributing cause:	Loose fitting
Contributing Object:	No object
Contributing failure:	LEAKED
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	Not reported
Number failed code:	Not reported
Shipment code number:	Not reported
Container type:	1H2
Container capacity:	5. GAL
Number failed:	1
Number in shipment:	1
Container gauge:	UN1HY2/Y1.5/
Manufacture's ID:	24649
Manuf. name:	ECO-LABS INC ST PAUL, MN
Tank serial #:	Not reported
Label:	WHITE
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Loose fitting
Contributing Object:	No object
Contributing failure:	LEAKED
Affected side:	Top

(Continued) **2000031122**

Other contributing cause: Closure
Capacity container code: 0
Number failed code: 0
Shipment code number: 0

Remarks:

THE PAIL WAS UNLOADED WITH LEAKAGE NOTED. EXAMINATION OF THE PAIL REVEALED THE PAIL HAD A LOOSE CAP/LID AND LEAKED. THE LEAKAGE WAS CONTAINED. THE CAP/LID WAS SECURED. THE PAIL WAS REPACKED FOR RETURN TO SHIPPER.

A114 **HMIRS** **2000026988**
55-90 47TH ST **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 113 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:

Report #:	2000050384
Site location:	55-90 47TH ST MASPETH, NY
Place of origin:	255 BLAIR ROAD AVENEL, NJ 07001
Destination:	SUI-SHA SUSHI JAPANESE RESTAUR 4117 KISSENA BLVD FLUSHING, NY 11355
Carrier ID:	92098
Carrier reporting #:	34-144-1019
Carrier:	FEDEX GROUND PACKAGE SYSTEM IN
Carrier address:	P O BOX 108 PITTSBURGH, PA 152300108
Shipper ID:	24649
Shipper name:	ECO-LABS INC
Shipper address:	255 BLAIR ROAD AVENEL, NJ 07001
Shipping paper number:	007184110056164
Consignee ID:	80350
Consignee name:	SUI-SHA SUSHI JAPANESE RESTAUR
Consignee addess:	4117 KISSENA BLVD FLUSHING, NY 11355
General cause:	10
Transportation mode:	4
Date:	04/20/2000
Commodity name:	HYPOCHLORITE SOLUTN 5-16%
Trade name:	Not reported
Amount:	0. GAL
Result:	Spillage
Hazard Class:	80
ID Number:	UN1791
Hazardous:	False
R.Q. met:	False
Misc. info:	100 100
Vehicle Type:	Van truck/trailer
Trans. phase:	262
Land use:	272
Community:	281
Accident/Derailment:	False

(Continued) **2000026988**

Estimated speed:	F
Highway type:	999
number of lanes:	0
Number evacuated:	0
Major injuries:	0
Minor injuries:	0
Fatalities:	0
Product loss:	100
Carrier damage:	0
Pvt/Pub damage:	0
Cleanup cost:	25
Other damage:	0
Reported damage:	125
Incident damage:	0

Inner and Outer Container Information:

Container type:	1H2
Container capacity:	5.00
Number failed:	1
Number in shipment:	1
Container gauge:	UN1H2/Y30/S/
Manufacture's ID:	24649
Manuf. name:	ECO-LABS INC ST PAUL, MN
Tank serial #:	Not reported
Label:	WHITE
Registration #:	M2014
Inspection date:	Not reported
Exemption #:	Not reported
Contributing cause:	Loose fitting
Contributing Object:	No object
Contributing failure:	LEAKED
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	Not reported
Number failed code:	Not reported
Shipment code number:	Not reported
Container type:	1H2
Container capacity:	5. GAL
Number failed:	1
Number in shipment:	1
Container gauge:	UN1H2/Y30/S/
Manufacture's ID:	24649
Manuf. name:	ECO-LABS INC ST PAUL, MN
Tank serial #:	Not reported
Label:	WHITE
Registration #:	M2014
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Loose fitting
Contributing Object:	No object
Contributing failure:	LEAKED
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	0
Number failed code:	0

(Continued) **2000026988**

Shipment code number: 0

Remarks:

THE PAIL WAS UNLOADED WITH LEAKAGE NOTED. EXAMINATION OF THE PAIL REVEALED THE PAIL HAD A LOOSE CAP/LID AND LEAKED. THE LEAKAGE WAS CONTAINED. THE CAP/LID WAS SECURED. THE PAIL WAS REPACKED FOR RETURN TO SHIPPER.

A115 **HMIRS** **2000028085**
55-90 47TH STREET **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 114 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:

Report #:	2000050963
Site location:	55-90 47TH STREET MASPETH, NY
Place of origin:	100 OAK STREET EAST RUTHERFORD, NJ 07073
Destination:	HESPER REALTY ASSOC 180 VAN CORTLANDT PK S BRONX, NY 10463
Carrier ID:	92098
Carrier reporting #:	34-144-1019
Carrier:	FEDEX GROUND PACKAGE SYSTEM IN
Carrier address:	P O BOX 108 PITTSBURGH, PA 152300108
Shipper ID:	36678
Shipper name:	PRESTIGE LABS INC
Shipper address:	100 OAK STREET EAST RUTHERFORD, NJ 07073
Shipping paper number:	Not reported
Consignee ID:	80350
Consignee name:	HESPER REALTY ASSOC
Consignee addess:	180 VAN CORTLANDT PK S BRONX, NY 10463
General cause:	10
Transportation mode:	4
Date:	04/25/2000
Commodity name:	SULFURIC ACID
Trade name:	Not reported
Amount:	0. GAL
Result:	Spillage
Hazard Class:	80
ID Number:	UN1830
Hazardous:	False
R.Q. met:	False
Misc. info:	100 100
Vehicle Type:	Van truck/trailer
Trans. phase:	263
Land use:	271
Community:	281
Accident/Derailment:	False
Estimated speed:	F
Highway type:	999
number of lanes:	0

(Continued) **2000028085**

Number evacuated:	0
Major injuries:	0
Minor injuries:	0
Fatalities:	0
Product loss:	100
Carrier damage:	0
Pvt/Pub damage:	0
Cleanup cost:	25
Other damage:	0
Reported damage:	125
Incident damage:	0

Inner and Outer Container Information:

Container type:	CONT PLS
Container capacity:	0. GAL
Number failed:	1
Number in shipment:	12
Container gauge:	Not reported
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER UNKNOWN, XX
Tank serial #:	Not reported
Label:	Not reported
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway
Contributing failure:	Burst/int. pressure
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	0
Number failed code:	0
Shipment code number:	0
Container type:	CONT PLS
Container capacity:	0.13
Number failed:	1
Number in shipment:	12
Container gauge:	Not reported
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER UNKNOWN, XX
Tank serial #:	Not reported
Label:	Not reported
Registration #:	Not reported
Inspection date:	Not reported
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway
Contributing failure:	Burst/int. pressure
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	Not reported
Number failed code:	Not reported
Shipment code number:	Not reported
Container type:	BOX FBR
Container capacity:	1. GAL

(Continued) **2000028085**

Number failed:	1
Number in shipment:	1
Container gauge:	Not reported
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER UNKNOWN, XX
Tank serial #:	Not reported
Label:	WHITE
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway
Contributing failure:	Ripped
Affected side:	Bottom
Other contributing cause:	Package material
Capacity container code:	0
Number failed code:	0
Shipment code number:	0
Container type:	BOX FBR
Container capacity:	1.50
Number failed:	1
Number in shipment:	1
Container gauge:	Not reported
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER UNKNOWN, XX
Tank serial #:	Not reported
Label:	WHITE
Registration #:	Not reported
Inspection date:	Not reported
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway
Contributing failure:	Ripped
Affected side:	Bottom
Other contributing cause:	Package material
Capacity container code:	Not reported
Number failed code:	Not reported
Shipment code number:	Not reported

Remarks:

(A) THE PAIL WAS UNLOADED WITH LEAKAGE NOTED. EXAMINATION OF THE PAIL THE PACKAGE WAS DROPPED IN HANDLING. EXAMINATION OF THE INNER REVEALED THE PAIL HAD A LOOSE CAP/LID AND LEAKED. THE LEAKAGE WAS CONTAINER REVEALED A RUPTURED SEAM WHICH ALLOWED THE CONTENTS TO CONTAINED. THE CAP/LID WAS SECURED. THE PAIL WAS REPACKED FOR RETURN TO
ESCAPE. THE LEAKAGE WAS CONTAINED. THE PACKAGE WAS REPACKED FOR RETURN TO SHIPPER.
SHIPPER. (B - C) THE PACKAGE WAS DROPPED IN HANDLING. EXAMINATION OF THE
INNER CONTAINER REVEALED A RUPTURED SEAM WHICH ALLOWED THE CONTENTS TO ESCAPE. THE LEAKAGE WAS CONTAINED. THE PACKAGE WAS REPACKED FOR RETURN
TO SHIPPER.

A116 **55-90 47TH ST** **HMIRS** **2005701632**
55-90 47TH ST **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 115 of 159 in cluster A

Relative: HMIRS:
Lower

Actual:
7 ft.

Report #:	2005120084
System ID:	399595
Report type:	A
Incident site:	55-90 47TH ST MASPETH, NY 11378
Incident county:	QUEENS
Incident country:	US
Incident date:	12/09/2005
Incident time:	1235
NRC report #:	0
Other fed agency reported to:	Not reported
Other agency report #:	Not reported
Incident foreign country:	Not reported
Transportation mode:	4
Transportation phase:	263
Carrier DOT ID:	265752
Carrier Hazmat ID:	062904001002M
Carrier name:	Fedex Ground Package System, Inc.
Carrier address:	1000 Fedex Drive MOON TOWNSHIP, PA 15108
Carrier country:	US
Incident consequence:	Spillage
EMS/Fire crew responded:	Not reported
EMS/Fire crew report #:	Not reported
Police responded:	Not reported
Police report #:	Not reported
In-house cleanup occurred:	True
Other cleanup occurred:	Not reported
Estimated damages exceed $500:	False
Value of material lost:	0
Value of carrier loss:	0
Value of pub/priv property loss:	0
Response cost:	0
Remediation cost:	0

Details of fatalities by vapor/fire/explosion of hazardous material:

Did Fatalities occur:	False
No. of employee fatalities:	0
No. of responder fatalities:	0
No. of public fatalities:	0

Details of fatalities not due to hazardous material:

Did fatalities occur:	Not reported
No. of dead persons:	0

Details of injuries due to hazardous material:

Did injuries occur:	False
No. of employees hospitalized:	0
No. of employees not hospitalized:	0
No. of responders hospitalized:	0
No. of responders not hospitalized:	0
No. of public hospitalized:	0
No. of public not hospitalized:	0

55-90 47TH ST (Continued) **2005701632**

Evacuation was required:	False
No. of employees evacuated:	0
No. of public evacuated:	0
Total number evacuated:	0
Evacuation time in hours:	0
Road/facility was closed:	False
No. of hours closed:	0
Hazmat invloved in crash/derailment:	False
Estimated speed of crash:	0
Crash weather conditions:	Not reported
Vehicle overturned:	Not reported
Did vehicle leave road/track:	Not reported
Where incident occurred/discovered:	Not reported
Shipment handling details:	Not reported

Incident report preparer details:

Preparer name:	Denise Hanchulak
Preparer title:	TSM Manager II - Safety
Hazmat registration ID:	062904001002M
Employer business name:	Fedex Ground Package System, Inc.
Address:	1000 Fedex Drive MOON TOWNSHIP, PA 15108
Country:	US
Report date:	12/21/2005
Telephone:	412-859-5056
Fax:	412-859-5045
Business type:	C
Preparer other function:	Not reported

A117 **HMIRS** **9999091572**
55-90 47TH ST **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 116 of 159 in cluster A

Relative: Lower
Actual: 7 ft.

HMIRS:

Report #:	1999091572
Site location:	55-90 47TH ST MASPETH, NY
Place of origin:	100 OAK STREET EAST RUTHERFORD, NJ 07073
Destination:	COLLEGE OF MY ST VINCENT 263RD ST RIVERDALE AVE UNKNOWN, NY 10463
Carrier ID:	22131
Carrier reporting #:	34-144-1019
Carrier:	ROADWAY PACKAGE SYSTEM INC
Carrier address:	P O BOX 108 PITTSBURGH, PA 15230
Shipper ID:	36678
Shipper name:	PRESTIGE LABS INC
Shipper address:	100 OAK STREET EAST RUTHERFORD, NJ 07073
Shipping paper number:	029167700008479
Consignee ID:	33512
Consignee name:	COLLEGE OF MY ST VINCENT
Consignee addess:	263RD ST RIVERDALE AVE UNKNOWN, NY 10463

(Continued) **9999091572**

General cause:	10
Transportation mode:	4
Date:	06/29/99
Commodity name:	SODIUM HYDROXIDE SOLUTION
Trade name:	Not reported
Amount:	0.25 GAL
Result:	Spillage
Hazard Class:	80
ID Number:	UN1824
Hazardous:	False
R.Q. met:	False
Misc. info:	100 100
Vehicle Type:	Van truck/trailer
Trans. phase:	262
Land use:	Not reported
Community:	281
Accident/Derailment:	False
Estimated speed:	F
Highway type:	999
number of lanes:	0
Number evacuated:	0
Major injuries:	0
Minor injuries:	0
Fatalities:	0
Product loss:	100
Carrier damage:	0
Pvt/Pub damage:	0
Cleanup cost:	25
Other damage:	0
Reported damage:	125
Incident damage:	0

Inner and Outer Container Information:

Container type:	BOX FBR
Container capacity:	3.00
Number failed:	1
Number in shipment:	1
Container gauge:	Not reported
Manufacture's ID:	19874
Manuf. name:	CARTON SALES CO UNKNOWN, XX
Tank serial #:	Not reported
Label:	WHITE
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway
Contributing failure:	Ripped
Affected side:	Bottom
Other contributing cause:	Package material
Capacity container code:	Not reported
Number failed code:	Not reported
Shipment code number:	Not reported
Container type:	BOTL PLS
Container capacity:	0.25
Number failed:	1

(Continued) **9999091572**

Number in shipment:	12
Container gauge:	Not reported
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER UNKNOWN, XX
Tank serial #:	Not reported
Label:	Not reported
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway
Contributing failure:	Burst/int. pressure
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	Not reported
Number failed code:	Not reported
Shipment code number:	Not reported

Remarks:

THE PACKAGE WAS DROPPED IN HANDLING. EXAMINATION OF THE INNER CONTAINER REVEALED SEAM WHICH ALLOWED THE CONTENTS TO ESCAPE. THE LEAKAGE WAS CONTAINED. THE PACKAGE WAS REPACKED FOR RETURN TO SHIPPER.

A118 **HMIRS** **2000081450**
55-90 47TH ST **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 117 of 159 in cluster A

Relative: **Lower**

Actual: **7 ft.**

HMIRS:

Report #:	2000081450
Site location:	55-90 47TH ST MASPETH, NY
Place of origin:	245 PARK AVE PATERSON, NJ 07509
Destination:	3RD AVE AUTO PARTS 3210 3RD AVE BRONX, NY 10455
Carrier ID:	92098
Carrier reporting #:	34-144-1019
Carrier:	FEDEX GROUND PACKAGE SYSTEM IN
Carrier address:	P O BOX 108 PITTSBURGH, PA 152300108
Shipper ID:	96157
Shipper name:	ATO JOBBERS WHSE
Shipper address:	245 PARK AVE PATERSON, NJ 07509
Shipping paper number:	031394300002032
Consignee ID:	80350
Consignee name:	3RD AVE AUTO PARTS
Consignee addess:	3210 3RD AVE BRONX, NY 10455
General cause:	10
Transportation mode:	4
Date:	08/09/2000

(Continued) **2000081450**

Commodity name:	ADHESIVES
Trade name:	Not reported
Amount:	3. GAL
Result:	Spillage
Hazard Class:	30
ID Number:	UN1133
Hazardous:	False
R.Q. met:	False
Misc. info:	100 100
Vehicle Type:	Van truck/trailer
Trans. phase:	263
Land use:	272
Community:	281
Accident/Derailment:	False
Estimated speed:	F
Highway type:	999
number of lanes:	0
Number evacuated:	0
Major injuries:	0
Minor injuries:	0
Fatalities:	0
Product loss:	100
Carrier damage:	0
Pvt/Pub damage:	0
Cleanup cost:	25
Other damage:	0
Reported damage:	125
Incident damage:	0

Inner and Outer Container Information:

Container type:	PAIL MTL
Container capacity:	1. GAL
Number failed:	3
Number in shipment:	4
Container gauge:	Not reported
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER UNKNOWN, XX
Tank serial #:	Not reported
Label:	RED
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway
Contributing failure:	Burst/int. pressure
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	0
Number failed code:	0
Shipment code number:	0
Container type:	BOX FBR
Container capacity:	4. GAL
Number failed:	1
Number in shipment:	1
Container gauge:	Not reported
Manufacture's ID:	16222

(Continued) **2000081450**

Manuf. name:	NOT REPORTED BY CARRIER UNKNOWN, XX
Tank serial #:	Not reported
Label:	RED
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway
Contributing failure:	Ripped
Affected side:	Bottom
Other contributing cause:	Package material
Capacity container code:	0
Number failed code:	0
Shipment code number:	0

Remarks:

THE PACKAGE WAS DROPPED IN HANDLING. EXAMINATION OF THE INNER CONTAINER REVEALED A RUPTURED SEAM WHICH ALLOWED THE CONTENTS TO ESCAPE. THE LEAKAGE WAS CONTAINED. THE PACKAGE WAS REPACKED FOR RETURN TO SHIPPER.

A119 **55-90 47TH ST** **HMIRS** **2008444621**
55-90 47TH ST **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 118 of 159 in cluster A

Relative: HMIRS:
Lower

Actual: Report #:	2008010041
7 ft. System ID:	444621
Report type:	A
Incident site:	55-90 47th st MASPETH, NY 11378
Incident county:	queens
Incident country:	US
Incident date:	01/02/08
Incident time:	1051
NRC report #:	0
Other fed agency reported to:	Not reported
Other agency report #:	Not reported
Incident foreign country:	Not reported
Transportation mode:	4
Transportation phase:	263
Carrier DOT ID:	265752
Carrier Hazmat ID:	062904001002M
Carrier name:	Fedex Ground Package System, Inc.
Carrier address:	1000 Fedex Drive MOON TOWNSHIP, PA 15108
Carrier country:	US
Incident consequence:	Spillage
EMS/Fire crew responded:	Not reported
EMS/Fire crew report #:	Not reported
Police responded:	Not reported
Police report #:	Not reported
In-house cleanup occurred:	True
Other cleanup occurred:	Not reported

55-90 47TH ST (Continued) **2008444621**

Estimated damages exceed $500:	False
Value of material lost:	0
Value of carrier loss:	0
Value of pub/priv property loss:	0
Response cost:	0
Remediation cost:	0

Details of fatalities by vapor/fire/explosion of hazardous material:

Did Fatalities occur:	False
No. of employee fatalities:	0
No. of responder fatalities:	0
No. of public fatalities:	0

Details of fatalities not due to hazardous material:

Did fatalities occur:	Not reported
No. of dead persons:	0

Details of injuries due to hazardous material:

Did injuries occur:	False
No. of employees hospitalized:	0
No. of employees not hospitalized:	0
No. of responders hospitalized:	0
No. of responders not hospitalized:	0
No. of public hospitalized:	0
No. of public not hospitalized:	0
Evacuation was required:	False
No. of employees evacuated:	0
No. of public evacuated:	0
Total number evacuated:	0
Evacuation time in hours:	0
Road/facility was closed:	False
No. of hours closed:	0
Hazmat invloved in crash/derailment:	False
Estimated speed of crash:	0
Crash weather conditions:	Not reported
Vehicle overturned:	Not reported
Did vehicle leave road/track:	Not reported
Where incident occurred/discovered:	Not reported
Shipment handling details:	Not reported

Incident report preparer details:

Preparer name:	Travis McEwen
Preparer title:	Safety Specialist III - Hazmat
Hazmat registration ID:	062904001002M
Employer business name:	Fedex Ground Package System, Inc.
Address:	1000 Fedex Drive MOON TOWNSHIP, PA 15108
Country:	US
Report date:	01/08/08
Telephone:	412-859-5061
Fax:	412-859-5045
Business type:	C
Preparer other function:	Not reported

Description of Events:

The pail was dropped during handling causing leakage. The leakage was contained and the package was repacked. Undamaged product was returned to the shipper. The damaged product was properly disposed

55-90 47TH ST (Continued) **2008444621**

of in accordance with Federal Regulations.

Shipper Details:
Shipper ID: 444778
Shipper name: IC&S DISTRIBUTING
Address: 1833 WILLIAM PENN WAY
LANCASTER, PA 17605
Shipper country: US
Hazmat papers #: 35461261049539
Shipment origin: Not reported
Not reported
Shipment origin country: Not reported

A120 **HMIRS** **2000019013**
55-90 47TH STREET **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 119 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:
Report #: 2000011134
Site location: 55-90 47TH STREET
MASPETH, NY
Place of origin: 4667 MANUFACTORING DRIVE
CLEVELAND, OH 44135
Destination: ORTHO-BIONICS LAB INC
114-42/44 ROCKAWAY BLVD
SOUTH OZONE PARK, NY 11420
Carrier ID: 22131
Carrier reporting #: 34-144-1019
Carrier: ROADWAY PACKAGE SYSTEM INC
Carrier address: P O BOX 108
PITTSBURGH, PA 15230
Shipper ID: 24719
Shipper name: PEL SUPPLY CO
Shipper address: 4667 MANUFACTORING DRIVE
CLEVELAND, OH 44135
Shipping paper number: 044109710146108
Consignee ID: 80350
Consignee name: ORTHO-BIONICS LAB INC
Consignee addess: 114-42/44 ROCKAWAY BLVD
SOUTH OZONE PARK, NY 11420
General cause: 10
Transportation mode: 4
Date: 01/13/2000
Commodity name: RESIN SOLUTION
Trade name: Not reported
Amount: 0. GAL
Result: Spillage
Hazard Class: 30
ID Number: UN1866
Hazardous: False
R.Q. met: False
Misc. info: 100 100
Vehicle Type: Van truck/trailer
Trans. phase: 263
Land use: 271

(Continued) **2000019013**

Community:	281
Accident/Derailment:	False
Estimated speed:	F
Highway type:	999
number of lanes:	0
Number evacuated:	0
Major injuries:	0
Minor injuries:	0
Fatalities:	0
Product loss:	100
Carrier damage:	0
Pvt/Pub damage:	0
Cleanup cost:	25
Other damage:	0
Reported damage:	125
Incident damage:	0

Inner and Outer Container Information:

Container type:	CONT PLS
Container capacity:	1. GAL
Number failed:	4
Number in shipment:	4
Container gauge:	Not reported
Manufacture's ID:	24719
Manuf. name:	PEL SUPPLY CO UNKNOWN, XX
Tank serial #:	Not reported
Label:	RED
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Loose fitting
Contributing Object:	No object
Contributing failure:	LEAKED
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	0
Number failed code:	0
Shipment code number:	0
Container type:	CONT PLS
Container capacity:	1.00
Number failed:	4
Number in shipment:	4
Container gauge:	Not reported
Manufacture's ID:	24719
Manuf. name:	PEL SUPPLY CO UNKNOWN, XX
Tank serial #:	Not reported
Label:	RED
Registration #:	Not reported
Inspection date:	Not reported
Exemption #:	Not reported
Contributing cause:	Loose fitting
Contributing Object:	No object
Contributing failure:	LEAKED
Affected side:	Top
Other contributing cause:	Closure

(Continued) **2000019013**

Capacity container code:	Not reported
Number failed code:	Not reported
Shipment code number:	Not reported
Container type:	BOX FBR
Container capacity:	4. GAL
Number failed:	1
Number in shipment:	1
Container gauge:	Not reported
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER UNKNOWN, XX
Tank serial #:	Not reported
Label:	RED
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	WET
Contributing Object:	Water
Contributing failure:	WET
Affected side:	Bottom
Other contributing cause:	Package material
Capacity container code:	0
Number failed code:	0
Shipment code number:	0
Container type:	BOX FBR
Container capacity:	4.00
Number failed:	1
Number in shipment:	1
Container gauge:	Not reported
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER UNKNOWN, XX
Tank serial #:	Not reported
Label:	RED
Registration #:	Not reported
Inspection date:	Not reported
Exemption #:	Not reported
Contributing cause:	WET
Contributing Object:	Water
Contributing failure:	WET
Affected side:	Bottom
Other contributing cause:	Package material
Capacity container code:	Not reported
Number failed code:	Not reported
Shipment code number:	Not reported

Remarks:

THE PACKAGE WAS UNLOADED WITH LEAKAGE NOTED ON THE BOX. EXAMINATION OF THE INNER CONTAINER REVEALED THAT THE CONTAINER(S) HAD LOOSE CAP(S) AND LEAKED. THE LEAKAGE WAS CONTAINED. THE CAP(S) WERE SECURED. THE CARTON WAS WET BUT OTHERWISE UNDAMAGED. THE PACKAGE WAS REPACKED FOR RETURN TO SHIPPER.

A121 **HMIRS** **9999091574**
N/A

55-90 47TH STREET
< 1/8 **MASPETH, NY**
1 ft.

Site 120 of 159 in cluster A

Relative: HMIRS:
Lower

Actual: Report #:	1999091574
7 ft. Site location:	55-90 47TH STREET MASPETH, NY
Place of origin:	100 OAK STREET EAST RUTHERFORD, NJ 07073
Destination:	PARKVIEW N H 6585 BROADWAY UNKNOWN, NY 10471
Carrier ID:	22131
Carrier reporting #:	34-144-1019
Carrier:	ROADWAY PACKAGE SYSTEM INC
Carrier address:	P O BOX 108 PITTSBURGH, PA 15230
Shipper ID:	36678
Shipper name:	PRESTIGE LABS INC
Shipper address:	100 OAK STREET EAST RUTHERFORD, NJ 07073
Shipping paper number:	029167700009964
Consignee ID:	77754
Consignee name:	PARKVIEW N H
Consignee addess:	6585 BROADWAY UNKNOWN, NY 10471
General cause:	10
Transportation mode:	4
Date:	06/15/99
Commodity name:	POTASSIUM HYDROXIDE SOLTN
Trade name:	Not reported
Amount:	0.13 GAL
Result:	Spillage
Hazard Class:	80
ID Number:	UN1814
Hazardous:	False
R.Q. met:	False
Misc. info:	100 100
Vehicle Type:	Van truck/trailer
Trans. phase:	263
Land use:	Not reported
Community:	282
Accident/Derailment:	False
Estimated speed:	F
Highway type:	999
number of lanes:	0
Number evacuated:	0
Major injuries:	0
Minor injuries:	0
Fatalities:	0
Product loss:	100
Carrier damage:	0
Pvt/Pub damage:	0
Cleanup cost:	25
Other damage:	0
Reported damage:	125

(Continued) **9999091574**

Incident damage: 0

Inner and Outer Container Information:

Container type:	BOX FBR
Container capacity:	3.00
Number failed:	1
Number in shipment:	1
Container gauge:	Not reported
Manufacture's ID:	19874
Manuf. name:	CARTON SALES CO MIAMI, FL
Tank serial #:	Not reported
Label:	WHITE
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway
Contributing failure:	Ripped
Affected side:	Bottom
Other contributing cause:	Package material
Capacity container code:	Not reported
Number failed code:	Not reported
Shipment code number:	Not reported
Container type:	BOTL PLS
Container capacity:	0.25
Number failed:	12
Number in shipment:	12
Container gauge:	Not reported
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER UNKNOWN, XX
Tank serial #:	Not reported
Label:	Not reported
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway
Contributing failure:	Burst/int. pressure
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	Not reported
Number failed code:	Not reported
Shipment code number:	Not reported

Remarks:

THE PACKAGE WAS DROPPED IN HANDLING. EXAMINATION OF THE CONTAINER REVEALED A RUPTURED SEAM WHICH ALLOWED THE CONTENTS TO ESCAPE. THE LEAKAGE WAS CONTAINED. THE PACKAGE WAS REPACKED FOR RETURN TO SHIPPER.

A122 **HMIRS** **9999091573**
N/A

55-90 47TH STRRET
< 1/8 **MASPETH, NY**
1 ft.

Site 121 of 159 in cluster A

Relative: HMIRS:
Lower

Actual: Report #:	1999091573
7 ft. Site location:	55-90 47TH STRRET MASPETH, NY
Place of origin:	100 OAK STREET EAST RUTHERFORD, NJ 07073
Destination:	HEBREW HOME FOR THE AGED 5901 PALISADES AVE UNKNOWN, NY 10471
Carrier ID:	22131
Carrier reporting #:	34-144-1019
Carrier:	ROADWAY PACKAGE SYSTEM INC
Carrier address:	P O BOX 108 PITTSBURGH, PA 15230
Shipper ID:	36678
Shipper name:	PRESTIGE LABS INC
Shipper address:	100 OAK STREET EAST RUTHERFORD, NJ 07073
Shipping paper number:	9971140636704
Consignee ID:	36021
Consignee name:	HEBREW HOME FOR THE AGED
Consignee addess:	5901 PALISADES AVE UNKNOWN, NY 10471
General cause:	10
Transportation mode:	4
Date:	06/29/99
Commodity name:	POTASSIUM HYDROXIDE SOLTN
Trade name:	Not reported
Amount:	0.25 GAL
Result:	Spillage
Hazard Class:	80
ID Number:	UN1814
Hazardous:	False
R.Q. met:	False
Misc. info:	100 100
Vehicle Type:	Van truck/trailer
Trans. phase:	262
Land use:	Not reported
Community:	281
Accident/Derailment:	False
Estimated speed:	F
Highway type:	999
number of lanes:	0
Number evacuated:	0
Major injuries:	0
Minor injuries:	0
Fatalities:	0
Product loss:	100
Carrier damage:	0
Pvt/Pub damage:	0
Cleanup cost:	25
Other damage:	0
Reported damage:	125

(Continued) **9999091573**

Incident damage: 0

Inner and Outer Container Information:

Container type:	BOX FBR
Container capacity:	6.00
Number failed:	1
Number in shipment:	1
Container gauge:	Not reported
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER UNKNOWN, XX
Tank serial #:	Not reported
Label:	WHITE
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	WET
Contributing Object:	Water
Contributing failure:	WET
Affected side:	Bottom
Other contributing cause:	Package material
Capacity container code:	Not reported
Number failed code:	Not reported
Shipment code number:	Not reported
Container type:	BOTL PLS
Container capacity:	0.25
Number failed:	1
Number in shipment:	24
Container gauge:	Not reported
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER UNKNOWN, XX
Tank serial #:	Not reported
Label:	Not reported
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Loose fitting
Contributing Object:	No object
Contributing failure:	LEAKED
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	Not reported
Number failed code:	Not reported
Shipment code number:	Not reported

Remarks:

THE PACKAGE WAS UNLOADED WITH LEAKAGE NOTED ON THE BOX. EXAMINATION OF THE INNER CONTAINER REVEALED THAT THE CONTAINER(S) HAD LOOSE CAP(S) AND LEAKED. THE LEAKAGE WAS CONTAINED. THE CAP(S) WERE SECURED. THE CARTON WAS WET BUT OTHERWISE UNDAMAGED. THE PACKAGE WAS REPACKED FOR RETURN TO SHIPPER.

A123 **55-90 47TH STREET** **HMIRS** **2010100621**
55-90 47TH STREET **N/A**
< 1/8 **MASPETH, NY 11378**
1 ft.

Site 122 of 159 in cluster A

Relative: HMIRS:
Lower

Actual:
7 ft.

Report Number:	X-2010070328
Report Source:	XML
Multiple Rows per Incident:	No
Report Type:	A hazardous material incident
Date of Incident:	7/16/2010
Time of Incident:	600
NRC Number:	Not reported
Fed DOT Agency Name:	Not reported
Fed DOT Report #:	Not reported
Incident City:	MASPETH
Incident County:	Queen
Incident State:	NY
Incident Zip:	11378
Incident Non-US State:	Not reported
Incident Country:	US
Incident Route:	55-90 47th street
Mode of Transportation:	Highway
Transportation Phase:	Unloading
Carrier/Reporter Name:	FEDEX GROUND PACKAGE SYSTEM INC
Carrier/Reporter Street:	1000 FEDEX DRIVE
Carrier/Reporter City:	MOON TOWNSHIP
Carrier/Reporter State:	PA
Carrier/Reporter Zip:	15108
Carrier/Reporter Non-US State:	Not reported
Carrier/Reporter FED DOT ID:	265752
Carrier/Reporter HAZMAT ID:	051910551007S
Carrier/Reporter Country:	US
Shipper Name:	ATLANTIC PLYWOOD
Shipper Street:	75 AMOR AVE
Shipper City:	CARLSTADT
Shipper State:	NJ
Shipper Zip:	7072
Shipper Non-US State:	Not reported
Shipper Country:	US
Waybill/Shipping Paper:	568686130240784
Shipper HAZMAT Registration ID:	Not reported
Origin City:	Not reported
Origin State:	Not reported
Origin Zip:	Not reported
Origin Non-US State:	Not reported
Origin Country:	US
Destination City:	WOODSIDE
Destination State:	NY
Destination Postal Code:	11377
Destination Non-US State:	Not reported
Destination Country:	US
Commodity Short Name:	ADHESIVES
Commodity Long Name:	ADHESIVES containing a flammable liquid
Technical/Trade Name:	na
Identification Number:	UN1133
Hazardous Class Code:	3
Hazardous Class:	FLAMMABLE - COMBUSTIBLE LIQUID

55-90 47TH STREET (Continued) **2010100621**

Packing Group:	II
Quantity Released:	0.078125
Unit of Measure:	LGA
Unit of Measure Description:	Liquid - Gallon
HAZMAT Waste Indicator:	No
HAZMAT Waste EPA ID:	Not reported
HMIS Toxic by Inhalation:	No
TIH Hazard Zone:	Not reported
Material Shipment Approval:	No
Mat. Shipment Approval #:	Not reported
Undeclared HAZMAT Shipment:	No
Packaging Type:	Non-Bulk
What Failed Code:	110
What Failed Description:	Cover
How Failed Code:	302
How Failed Description:	Bent
Failure Cause Code:	526
Failure Cause Description:	Loose Closure Component or Device
Identification Markings:	Not reported
Cont1 Packaging Type:	Drum
Cont1 Material of Construction:	Metal other than steel or aluminum
Cont1 Head Type:	Not reported
Cont1 Package Capacity:	0
Cont1 Package Capacity UOM:	Not reported
Cont1 Package Amount:	0
Cont1 Package Amount UOM:	Not reported
Cont1 Pkg Number:	Not reported
Cont1 Pkg Shipment # Failed:	Not reported
Cont1 Package Manufacturer:	Not reported
Cont1 Pkg Manufacturer Date:	Not reported
Cont1 Package Serial Number:	Not reported
Cont1 Package Last Test Date:	Not reported
Cont1 Test Material Of Const:	Not reported
Cont1 Pkg Dsign Pressure Rpted:	Not reported
Cont1 Dsign Pressure UOM Rpted:	Not reported
Cont1 Pkg Shell Thickness Rptd:	Not reported
Cont1 Shell Thickness UOM Rptd:	Not reported
Cont1 Head Thickness Reported:	Not reported
Cont1 Head Thickness UOM Rpted:	Not reported
Cont1 Pkg Srvc Pressure Rpted:	Not reported
Cont1 Srvc Pressure UOM Rpted:	Not reported
Cont1 Valve or Device Fail Ind:	No
Cont1 Valve or Device Type:	Not reported
Cont1 Val Device Manufacturer:	Not reported
Cont1 Valve or Device Model:	Not reported
Cont2 Package Type:	Not reported
Cont2 Material of Construction:	Not reported
Cont2 Package Capacity:	Not reported
Cont2 Capacity UOM Reported:	Not reported
Cont2 Package Amount:	Not reported
Cont2 Package Amount UOM:	Not reported
Cont2 Pkg Number in Shipment:	Not reported
Cont2 Pkg Shipment # Failed:	Not reported
RAM Package Category:	Not reported
RAM Package Certification:	Not reported
RAM Package Certification #:	Not reported
RAM Nuclide(s) Present:	Not reported

55-90 47TH STREET (Continued) **2010100621**

RAM Transport Index:	Not reported
RAM UOM:	Not reported
RAM Activity Rpted:	Not reported
RAM UOM Rpted:	Not reported
RAM Activity:	0
RAM Activity UOM:	Not reported
RAM Material Safety Index:	Not reported
Spillage (Ind:	Yes
Fire Ind:	No
Explosion Ind:	No
Water Sewer Ind:	No
Gas Dispersion Ind:	No
Environmental Damage:	No
No Release Ind:	No
Fire/EMS Report Ind:	No
Fire EMS/EMS Report #:	Not reported
Police Report Ind:	No
Police Report #:	Not reported
In-House Cleanup Ind:	Yes
Other Cleanup Ind:	No
Damage More Than 500:	No
Material Loss:	0
Carrier Damage:	0
Property Damage:	0
Response Cost:	0
Remediation Cleanup Cost:	0
Damage Other (Old Form):	0
Total Amount of Damages:	0
HAZMAT Fatality Indicator:	No
HAZMAT Fatalities Employees:	0
HAZMAT Fatalities Responders:	0
HAZMAT Fatality Gen. Public:	0
Hazmat Fatalities (Old Form):	0
Total Hazmat Fatalities:	0
Non_HAZMAT Fatality Indicator:	No
Non-HAZMAT Fatalities:	0
HAZMAT Injury Indicator:	No
HAZMAT Hospitalized Employees:	0
HAZMAT Hospitalized Responders:	0
HAZMAT Hospitalized Gen Public:	0
HAZMAT Hospitalized (Old Form):	0
Total Hazmat Hosp Injuries:	0
HAZMAT NonHosp Employees:	0
HAZMAT NonHosp Responders:	0
HAZMAT NonHosp Gen. Public:	0
HAZMAT NonHosp (Old Form):	0
Total Hazmat NonHosp Injuries:	0
Total Hazmat Injuries:	0
Evacuation Indicator:	No
Public Evacuated:	0
Employees Evacuated:	0
Total Evacuated:	0
Total Evacuation Hours:	0
Major Artery Closed:	No
Major Artery Hours Closed:	0
Material Involved in Accident:	No
Estimated Speed:	0

55-90 47TH STREET (Continued) **2010100621**

Weather Conditions:	Not reported
Vehicle Overturn:	No
Vehicle Left Roadway/Track:	No
Passenger Aircraft Indicator:	No
Cargo Passenger Baggage Ind:	Not reported
Incident Occurrence:	Not reported
Shipphase Non-Transported Ind:	No
Shipphase Air First Flight Ind:	No
Shipphase Air SubFlight Ind:	No
Shipphase Init Transport Ind:	No
Shipphase Transfer Indicator:	No
Contact Name:	George Fetsko
Contact Title:	Safety Process Specialist I - Hazmat
Contact Business Name:	FEDEX GROUND PACKAGE SYSTEM INC
Contact Street:	1000 FEDEX DRIVE
Contact City:	MOON TOWNSHIP
Contact State:	PA
Contact Postal Code:	15108
Contact Non-US State:	Not reported
Contact Country:	US
Preparer of Incident Report:	Carrier
Description of Events:	The package was dropped in handling. Examination of the inner container revealed a ruptured seam which allowed the contents to escape. The leakage was contained. The undamaged portion of the package was repacked for return to shipper.
Recommendations/Actions Taken:	Not reported
Recommendations/Actions:	Not reported
HMIS Serious Incident Ind:	No
HMIS Serious Fatality:	No
HMIS Serious Injury:	No
HMIS Serious Flight Plan:	No
HMIS Serious Evacuations:	No
HMIS Serious Major Artery:	No
HMIS Serious Bulk Release:	No
HMIS Serious Marine Pollutant:	No
HMIS Serious Radioactive:	No
HMIS General Package Type:	DRUM METAL
HMIS Container Code:	DRUM MTL
HMIS Container Description:	Metal drum
HMIS Bulk Incident Indicator:	No
Undeclared Shipment:	No

A124 **HMIRS** **2004050708**
55-90 47TH STREET **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 123 of 159 in cluster A

Relative: HMIRS:
Lower

Actual: Report #:	2004050708
7 ft. Site location:	55-90 47TH STREET MASPETH, NY
Place of origin:	1804 INDUSTRIAL BLVD COLLEYVILLE, TX
Destination:	ONCOR GROUP 360 W 253 ST RIVERDALE, NY 10471
Carrier ID:	92098

(Continued) **2004050708**

Carrier reporting #:	34-144-1019
Carrier:	FEDEX GROUND PACKAGE SYSTEM IN
Carrier address:	P O BOX 108 PITTSBURGH, PA 152300108
Shipper ID:	19857
Shipper name:	SPARKS SOUTHWEST INCORPORATED
Shipper address:	1804 INDUSTRIAL BLVD COLLEYVILLE, TX
Shipping paper number:	244784361004489
Consignee ID:	80350
Consignee name:	ONCOR GROUP
Consignee addess:	360 W 253 ST RIVERDALE, NY 10471
General cause:	10
Transportation mode:	4
Date:	05/11/04
Commodity name:	FLAMMABLE LIQUIDS N.O.S.
Trade name:	NAPHTHA
Amount:	0.50 GAL
Result:	Spillage
Hazard Class:	30
ID Number:	UN1993
Hazardous:	False
R.Q. met:	False
Misc. info:	100 100
Vehicle Type:	Van truck/trailer
Trans. phase:	263
Land use:	272
Community:	281
Accident/Derailment:	False
Estimated speed:	F
Highway type:	999
number of lanes:	0
Number evacuated:	0
Major injuries:	0
Minor injuries:	0
Fatalities:	0
Product loss:	100
Carrier damage:	0
Pvt/Pub damage:	0
Cleanup cost:	425
Other damage:	0
Reported damage:	525
Incident damage:	0

Inner and Outer Container Information:

Container type:	JUG
Container capacity:	1.00 GAL
Number failed:	1
Number in shipment:	3
Container gauge:	Not reported
Manufacture's ID:	19857
Manuf. name:	SPARKS SOUTHWEST INCORPORATED COLLEYVILLE, TX
Tank serial #:	Not reported
Label:	RED
Registration #:	Not reported

(Continued) **2004050708**

Inspection date:	12/30/99
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway
Contributing failure:	Burst/int. pressure
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	0
Number failed code:	0
Shipment code number:	0
Container type:	BOX FBR
Container capacity:	3.00 GAL
Number failed:	1
Number in shipment:	1
Container gauge:	Not reported
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER UNKNOWN, XX
Tank serial #:	Not reported
Label:	Not reported
Registration #:	Not reported
Inspection date:	12/30/99
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway
Contributing failure:	Ripped
Affected side:	Bottom
Other contributing cause:	Package material
Capacity container code:	0
Number failed code:	0
Shipment code number:	0

Remarks:

THE PACKAGE WAS DROPPED IN HANDLING. EXAMINATION OF THE INNER CONTAINER
REVEALED A RUPTURED SEAM WHICH ALLOWED THE CONTENTS TO ESCAPE. THE LEAKAGE
WAS CONTAINED. THE UNDAMAGED PORTION OF THE PACKAGE WAS REPACKED FOR RETURN TO SHIPPER.

A125 **55-90 47TH ST** **HMIRS** **2012113428**
55-90 47TH ST **N/A**
< 1/8 **MASPETH, NY 11378**
1 ft.

Site 124 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:

Report Number:	X-2012080627
Report Source:	XML
Multiple Rows per Incident:	No
Report Type:	A hazardous material incident
Date of Incident:	08/01/2012
Time of Incident:	0600
NRC Number:	Not reported
Fed DOT Agency Name:	Not reported
Fed DOT Report #:	Not reported
Incident City:	Maspeth

55-90 47TH ST (Continued) **2012113428**

Incident County:	QUEEN
Incident State:	NY
Incident Zip:	11378
Incident Non-US State:	Not reported
Incident Country:	US
Incident Route:	55-90 47th st
Mode of Transportation:	Highway
Transportation Phase:	UNLOADING
Carrier/Reporter Name:	FEDEX GROUND PACKAGE SYSTEM INC.
Carrier/Reporter Street:	1000 FED EX DR
Carrier/Reporter City:	CORAOPOLIS
Carrier/Reporter State:	PA
Carrier/Reporter Zip:	15108
Carrier/Reporter Non-US State:	Not reported
Carrier/Reporter FED DOT ID:	265752
Carrier/Reporter HAZMAT ID:	051910551007S
Carrier/Reporter Country:	US
Shipper Name:	LESLIE'S POOLMART INC.
Shipper Street:	300 COMMODORE DR
Shipper City:	SWEDESBORO
Shipper State:	NJ
Shipper Zip:	08085
Shipper Non-US State:	Not reported
Shipper Country:	US
Waybill/Shipping Paper:	419589976219660
Shipper HAZMAT Registration ID:	Not reported
Origin City:	SWEDESBORO
Origin State:	NE
Origin Zip:	08085
Origin Non-US State:	Not reported
Origin Country:	US
Destination City:	BROOKLYN
Destination State:	NE
Destination Postal Code:	11236
Destination Non-US State:	Not reported
Destination Country:	US
Commodity Short Name:	CORROS SOLID ACID INORGAN
Commodity Long Name:	CORROSIVE SOLID ACIDIC INORGANIC N.O.S.
Technical/Trade Name:	MONOPERSULFATE COMPU
Identification Number:	UN3260
Hazardous Class Code:	8
Hazardous Class:	CORROSIVE MATERIAL
Packing Group:	II
Quantity Released:	2.204623
Unit of Measure:	SLB
Unit of Measure Description:	Solid - Pound
HAZMAT Waste Indicator:	No
HAZMAT Waste EPA ID:	Not reported
HMIS Toxic by Inhalation:	No
TIH Hazard Zone:	Not reported
Material Shipment Approval:	No
Mat. Shipment Approval #:	Not reported
Undeclared HAZMAT Shipment:	No
Packaging Type:	Non-Bulk
What Failed Code:	110
What Failed Description:	Cover
How Failed Code:	304

55-90 47TH ST (Continued) **2012113428**

How Failed Description:	Cracked
Failure Cause Code:	511
Failure Cause Description:	Dropped
Identification Markings:	Not reported
Cont1 Packaging Type:	Box
Cont1 Material of Construction:	Fiberboard
Cont1 Head Type:	Not reported
Cont1 Package Capacity:	Not reported
Cont1 Package Capacity UOM:	Not reported
Cont1 Package Amount:	Not reported
Cont1 Package Amount UOM:	Not reported
Cont1 Pkg Number:	Not reported
Cont1 Pkg Shipment # Failed:	Not reported
Cont1 Package Manufacturer:	Not reported
Cont1 Pkg Manufacturer Date:	Not reported
Cont1 Package Serial Number:	Not reported
Cont1 Package Last Test Date:	Not reported
Cont1 Test Material Of Const:	Not reported
Cont1 Pkg Dsign Pressure Rpted:	Not reported
Cont1 Dsign Pressure UOM Rpted:	Not reported
Cont1 Pkg Shell Thickness Rptd:	Not reported
Cont1 Shell Thickness UOM Rptd:	Not reported
Cont1 Head Thickness Reported:	Not reported
Cont1 Head Thickness UOM Rpted:	Not reported
Cont1 Pkg Srvc Pressure Rpted:	Not reported
Cont1 Srvc Pressure UOM Rpted:	Not reported
Cont1 Valve or Device Fail Ind:	No
Cont1 Valve or Device Type:	Not reported
Cont1 Val Device Manufacturer:	Not reported
Cont1 Valve or Device Model:	Not reported
Cont2 Package Type:	Can
Cont2 Material of Construction:	Plastic
Cont2 Package Capacity:	Not reported
Cont2 Capacity UOM Reported:	Not reported
Cont2 Package Amount:	Not reported
Cont2 Package Amount UOM:	Not reported
Cont2 Pkg Number in Shipment:	Not reported
Cont2 Pkg Shipment # Failed:	Not reported
RAM Package Category:	Not reported
RAM Package Certification:	FALSE
RAM Package Certification #:	Not reported
RAM Nuclide(s) Present:	Not reported
RAM Transport Index:	Not reported
RAM UOM:	Not reported
RAM Activity Rpted:	Not reported
RAM UOM Rpted:	Not reported
RAM Activity:	0
RAM Activity UOM:	Not reported
RAM Material Safety Index:	Not reported
Spillage (Ind:	Yes
Fire Ind:	No
Explosion Ind:	No
Water Sewer Ind:	No
Gas Dispersion Ind:	No
Environmental Damage:	No
No Release Ind:	No
Fire/EMS Report Ind:	No

55-90 47TH ST (Continued) **2012113428**

Fire EMS/EMS Report #:	Not reported
Police Report Ind:	No
Police Report #:	Not reported
In-House Cleanup Ind:	Yes
Other Cleanup Ind:	No
Damage More Than 500:	No
Material Loss:	0
Carrier Damage:	0
Property Damage:	0
Response Cost:	0
Remediation Cleanup Cost:	0
Damage Other (Old Form):	0
Total Amount of Damages:	0
HAZMAT Fatality Indicator:	No
HAZMAT Fatalities Employees:	0
HAZMAT Fatalities Responders:	0
HAZMAT Fatality Gen. Public:	0
Hazmat Fatalities (Old Form):	0
Total Hazmat Fatalities:	Not reported
Non_HAZMAT Fatality Indicator:	No
Non-HAZMAT Fatalities:	0
HAZMAT Injury Indicator:	No
HAZMAT Hospitalized Employees:	0
HAZMAT Hospitalized Responders:	0
HAZMAT Hospitalized Gen Public:	0
HAZMAT Hospitalized (Old Form):	0
Total Hazmat Hosp Injuries:	0
HAZMAT NonHosp Employees:	0
HAZMAT NonHosp Responders:	0
HAZMAT NonHosp Gen. Public:	0
HAZMAT NonHosp (Old Form):	0
Total Hazmat NonHosp Injuries:	0
Total Hazmat Injuries:	0
Evacuation Indicator:	No
Public Evacuated:	0
Employees Evacuated:	0
Total Evacuated:	0
Total Evacuation Hours:	0
Major Artery Closed:	No
Major Artery Hours Closed:	0
Material Involved in Accident:	No
Estimated Speed:	0
Weather Conditions:	Not reported
Vehicle Overturn:	No
Vehicle Left Roadway/Track:	No
Passenger Aircraft Indicator:	No
Cargo Passenger Baggage Ind:	Not reported
Incident Occurrence:	Not reported
Shipphase Non-Transported Ind:	No
Shipphase Air First Flight Ind:	No
Shipphase Air SubFlight Ind:	No
Shipphase Init Transport Ind:	No
Shipphase Transfer Indicator:	No
Contact Name:	GEORGE FETSKO
Contact Title:	SAFETY PROCESS SPECIALIST I - HAZMAT
Contact Business Name:	Fedex Ground Package System Inc.
Contact Street:	1000 Fedex Drive

55-90 47TH ST (Continued) **2012113428**

Contact City:	Moon Township
Contact State:	PA
Contact Postal Code:	15108
Contact Non-US State:	Not reported
Contact Country:	US
Preparer of Incident Report:	Carrier
Description of Events:	The package was dropped in handling. Examination of the inner container revealed a ruptured seam which allowed the contents to escape. The leakage was contained. The undamaged portion of the package was repacked for return to shipper.
Recommendations/Actions Taken:	Not reported
Recommendations/Actions:	Not reported
HMIS Serious Incident Ind:	No
HMIS Serious Fatality:	No
HMIS Serious Injury:	No
HMIS Serious Flight Plan:	No
HMIS Serious Evacuations:	No
HMIS Serious Major Artery:	No
HMIS Serious Bulk Release:	No
HMIS Serious Marine Pollutant:	No
HMIS Serious Radioactive:	No
HMIS General Package Type:	OHMIR.Ref_Container.descr
HMIS Container Code:	BOX FBR
HMIS Container Description:	Fiberboard box or carton
HMIS Bulk Incident Indicator:	No
Undeclared Shipment:	No

A126 **HMIRS** **2000026097**
55-90 47TH STREET **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 125 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:

Report #:	2000041120
Site location:	55-90 47TH STREET MASPETH, NY
Place of origin:	66550 WEDGWOOD RD MAPLE GROVE, MN 55311
Destination:	NEW YORK FLOOR DISPLAYS 514 WEST 49TH STREET NEW YORK, NY 10019
Carrier ID:	92098
Carrier reporting #:	34-144-1019
Carrier:	FEDEX GROUND PACKAGE SYSTEM IN
Carrier address:	P O BOX 108 PITTSBURGH, PA 152300108
Shipper ID:	30029
Shipper name:	PAKOR INC
Shipper address:	66550 WEDGWOOD RD MAPLE GROVE, MN 55311
Shipping paper number:	552054
Consignee ID:	80350
Consignee name:	NEW YORK FLOOR DISPLAYS
Consignee addess:	514 WEST 49TH STREET NEW YORK, NY 10019
General cause:	10
Transportation mode:	4

(Continued) **2000026097**

Date:	04/11/2000
Commodity name:	METHANOL
Trade name:	Not reported
Amount:	0.50 GAL
Result:	Spillage
Hazard Class:	30
ID Number:	UN1230
Hazardous:	False
R.Q. met:	False
Misc. info:	100 100
Vehicle Type:	Van truck/trailer
Trans. phase:	263
Land use:	271
Community:	281
Accident/Derailment:	False
Estimated speed:	F
Highway type:	999
number of lanes:	Not reported
Number evacuated:	0
Major injuries:	0
Minor injuries:	0
Fatalities:	0
Product loss:	100
Carrier damage:	0
Pvt/Pub damage:	0
Cleanup cost:	25
Other damage:	0
Reported damage:	125
Incident damage:	0

Inner and Outer Container Information:

Container type:	PAIL
Container capacity:	1.00
Number failed:	1
Number in shipment:	1
Container gauge:	Not reported
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER UNKNOWN, XX
Tank serial #:	Not reported
Label:	Not reported
Registration #:	Not reported
Inspection date:	Not reported
Exemption #:	Not reported
Contributing cause:	Loose fitting
Contributing Object:	No object
Contributing failure:	LEAKED
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	Not reported
Number failed code:	Not reported
Shipment code number:	Not reported
Container type:	PAIL
Container capacity:	1. GAL
Number failed:	1
Number in shipment:	1
Container gauge:	Not reported

(Continued) **2000026097**

Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER
	UNKNOWN, XX
Tank serial #:	Not reported
Label:	Not reported
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Loose fitting
Contributing Object:	No object
Contributing failure:	LEAKED
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	1
Number failed code:	0
Shipment code number:	0
Container type:	4G
Container capacity:	1.00
Number failed:	1
Number in shipment:	1
Container gauge:	UN4G/Y7/S/98
Manufacture's ID:	22773
Manuf. name:	CASCADE CHEM CO
	UNKNOWN, XX
Tank serial #:	Not reported
Label:	RED
Registration #:	Not reported
Inspection date:	Not reported
Exemption #:	Not reported
Contributing cause:	NO RESPONSE
Contributing Object:	No object
Contributing failure:	NO RESPONSE
Affected side:	NO RESPONSE
Other contributing cause:	NO RESPONSE
Capacity container code:	Not reported
Number failed code:	Not reported
Shipment code number:	Not reported
Container type:	4G
Container capacity:	1. GAL
Number failed:	1
Number in shipment:	1
Container gauge:	UN4G/Y7/S/98
Manufacture's ID:	22773
Manuf. name:	CASCADE CHEM CO
	UNKNOWN, XX
Tank serial #:	Not reported
Label:	RED
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	NO RESPONSE
Contributing Object:	No object
Contributing failure:	NO RESPONSE
Affected side:	NO RESPONSE
Other contributing cause:	NO RESPONSE
Capacity container code:	0
Number failed code:	0

(Continued) **2000026097**

Shipment code number: 0

Remarks:

(A) THE PAIL WAS UNLOADED WITH LEAKAGE NOTED. EXAMINATION OF THE PAIL
THE PAIL WAS UNLOADED WITH LEAKAGE NOTED. EXAMINATION OF THE PAIL
REVEALED THE PAIL HAD A LOOSE CAP/LID AND LEAKED. THE LEAKAGE WAS
CONTAINED. THE CAP/LID WAS SECURED. THE PAIL WAS REPACKED FOR RETURN
CONTAINED. THE CAP/LID WAS SECURED. THE PAIL WAS REPACKED FOR RETURN
TO
SHIPPER. (B) THE PACKAGE WAS UNLOADED WITH LEAKAGE NOTED ON THE BOX.
TO SHIPPER.
EXAMINATION OF THE INNER CONTAINER REVEALED THAT THE CONTAINER(S) HAD LOOSE CAP(S) AND LEAKED. THE LEAKAGE WAS CONTAINED. THE CAP(S) WERE SECURED. THE CARTON WAS WET BUT OTHERWISE UNDAMAGED. THE PACKAGE WAS REPACKED FOR RETURN TO SHIPPER.

A127 **55-90 47 TH ST** **HMIRS** **2008438741**
55-90 47 TH ST **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 126 of 159 in cluster A

Relative: **Lower**

Actual: **7 ft.**

HMIRS:

Report #:	2007100076
System ID:	438741
Report type:	A
Incident site:	55-90 47 th st MASPETH, NY 11378
Incident county:	queens
Incident country:	US
Incident date:	09/21/07
Incident time:	1410
NRC report #:	0
Other fed agency reported to:	Not reported
Other agency report #:	Not reported
Incident foreign country:	Not reported
Transportation mode:	4
Transportation phase:	263
Carrier DOT ID:	265752
Carrier Hazmat ID:	062904001002M
Carrier name:	Fedex Ground Package System, Inc.
Carrier address:	1000 Fedex Drive MOON TOWNSHIP, PA 15108
Carrier country:	US
Incident consequence:	Spillage
EMS/Fire crew responded:	Not reported
EMS/Fire crew report #:	Not reported
Police responded:	Not reported
Police report #:	Not reported
In-house cleanup occurred:	True
Other cleanup occurred:	Not reported
Estimated damages exceed $500:	False
Value of material lost:	0
Value of carrier loss:	0
Value of pub/priv property loss:	0
Response cost:	0
Remediation cost:	0

55-90 47 TH ST (Continued) **2008438741**

Details of fatalities by vapor/fire/explosion of hazardous material:

Did Fatalities occur:	False
No. of employee fatalities:	0
No. of responder fatalities:	0
No. of public fatalities:	0

Details of fatalities not due to hazardous material:

Did fatalities occur:	Not reported
No. of dead persons:	0

Details of injuries due to hazardous material:

Did injuries occur:	False
No. of employees hospitalized:	0
No. of employees not hospitalized:	0
No. of responders hospitalized:	0
No. of responders not hospitalized:	0
No. of public hospitalized:	0
No. of public not hospitalized:	0
Evacuation was required:	False
No. of employees evacuated:	0
No. of public evacuated:	0
Total number evacuated:	0
Evacuation time in hours:	0
Road/facility was closed:	False
No. of hours closed:	0
Hazmat invloved in crash/derailment:	False
Estimated speed of crash:	0
Crash weather conditions:	Not reported
Vehicle overturned:	Not reported
Did vehicle leave road/track:	Not reported
Where incident occurred/discovered:	Not reported
Shipment handling details:	Not reported

Incident report preparer details:

Preparer name:	Travis McEwen
Preparer title:	Safety Specialist III - Hazmat
Hazmat registration ID:	062904001002M
Employer business name:	Fedex Ground Package System, Inc.
Address:	1000 Fedex Drive MOON TOWNSHIP, PA 15108
Country:	US
Report date:	10/03/07
Telephone:	412-859-5061
Fax:	412-859-5045
Business type:	C
Preparer other function:	Not reported

Description of Events:

The package was unloaded with leakage noted on the box. Examination of the inner container revealed that the container(s) had loose cap(s) and leaked. The leakage was contained. The cap(s) were secured. The carton was wet but otherwise undamaged. The undamaged portion of the package was repacked for return to shipper.

Shipper Details:

Shipper ID:	439022
Shipper name:	prestiage labs

55-90 47 TH ST (Continued) **2008438741**

Address:	100 oaks st
	EAST RUTHERFORD, NJ 07073
Shipper country:	US
Hazmat papers #:	291677000940114
Shipment origin:	Not reported
	Not reported
Shipment origin country:	US

Details of material being shipped:

Material ID:	445167
Material name:	POTASSIUM HYDROXIDE, LIQUID
UN ID:	UN1814
Hazard class code:	80
Trade name:	Not reported
Packing group:	Not reported
Amount reported released:	1 Quart(s)
Amount released:	0.250000 Quart(s)
Material listed as hazardous waste:	False
EPA manifest number of haz. waste:	Not reported
Material listed as toxic inhalant:	False
Hazard zone of toxic inhalant:	Not reported
Material shipped under exemption/ approval/ Competent Authority Cert.	
	False
Exemption/approval/CAC number:	Not reported
Undeclared Hazmat shipment:	False
Package ID:	445558
Hazmat shipment destination:	5100 kings plaza
	BROOKLYN, NY 11234
Package type:	A
Package other description:	Not reported
Packaging markings:	Not reported
Package code:	77
Radioactive packaging indicator:	Not reported
Radioactive cert. indicator:	Not reported
Radioactive cert. No:	Not reported
Rad. nuclide(s) present:	Not reported
Transport index:	Not reported
Radioactivity indicator:	Not reported
Standardized activity:	Not reported
Critical safety index:	Not reported
Package layer ID:	608495
Package ID:	445558
Package layer code:	O
Package type for non-bulk/IBC/non-specification package	
	Box
Material type of non-bulk/IBC/non-specification package	
	Fiberboard
Head type for non-bulk/IBC/non-specification package	
	Not reported
Reported package capacity:	0
Standardized package cap:	0
Reported amount of material in pkge:	0
Number of packages shipped:	0
No. of packages releasing mat.:	0
Packaging manufacturer:	Not reported
Packaging manufacturing date:	/ /
Package serial number:	Not reported

55-90 47 TH ST (Continued) **2008438741**

Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 608495
Package ID: 445558
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 608495
Package ID: 445558
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0

55-90 47 TH ST (Continued) **2008438741**

Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 608496
Package ID: 445558
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 608496
Package ID: 445558
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0

55-90 47 TH ST (Continued) **2008438741**

Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 608496
Package ID: 445558
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package fail ID: 512281
Fail Sequence: 1
What failed code: 109
How failed code: 308
Failure cause code: 526
Package ID: 445558
Hazmat shipment destination: 5100 kings plaza
BROOKLYN, NY 11234
Package type: A
Package other description: Not reported
Packaging markings: Not reported
Package code: 77
Radioactive packaging indicator: Not reported
Radioactive cert. indicator: Not reported
Radioactive cert. No: Not reported
Rad. nuclide(s) present: Not reported
Transport index: Not reported
Radioactivity indicator: Not reported
Standardized activity: Not reported
Critical safety index: Not reported
Package layer ID: 608495
Package ID: 445558
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package

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Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 608495
Package ID: 445558
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 608495
Package ID: 445558
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported

55-90 47 TH ST (Continued) **2008438741**

Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 608496
Package ID: 445558
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 608496
Package ID: 445558
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0

55-90 47 TH ST (Continued) **2008438741**

Number of packages shipped:	0
No. of packages releasing mat.:	0
Packaging manufacturer:	Not reported
Packaging manufacturing date:	/ /
Package serial number:	Not reported
Pkge date of last testing/inspection:	/ /
Package construction material:	Not reported
Package design pressure:	0
Package shell thickness:	0
Package head thickness:	0
Package service pressure:	0
Valve device failed:	Not reported
Valve type:	Not reported
Valve manufacturer:	Not reported
Valve model:	Not reported
Package layer ID:	608496
Package ID:	445558
Package layer code:	I
Package type for non-bulk/IBC/non-specification package	Bottle
Material type of non-bulk/IBC/non-specification package	Plastic
Head type for non-bulk/IBC/non-specification package	Not reported
Reported package capacity:	0.000000
Standardized package cap:	0.000000
Reported amount of material in pkge:	0.000000
Number of packages shipped:	0
No. of packages releasing mat.:	0
Packaging manufacturer:	Not reported
Packaging manufacturing date:	/ /
Package serial number:	Not reported
Pkge date of last testing/inspection:	/ /
Package construction material:	Not reported
Package design pressure:	0
Package shell thickness:	0.000
Package head thickness:	0.000
Package service pressure:	0
Valve device failed:	Not reported
Valve type:	Not reported
Valve manufacturer:	Not reported
Valve model:	Not reported
Package fail ID:	512281
Fail Sequence:	1
What failed code:	109
How failed code:	308
Failure cause code:	526
Package ID:	445558
Hazmat shipment destination:	Not reported
	BROOKLYN, NY 11234
Package type:	A
Package other description:	Not reported
Packaging markings:	Not reported
Package code:	77
Radioactive packaging indicator:	Not reported
Radioactive cert. indicator:	Not reported
Radioactive cert. No:	Not reported

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Rad. nuclide(s) present: Not reported
Transport index: Not reported
Radioactivity indicator: Not reported
Standardized activity: Not reported
Critical safety index: Not reported
Package layer ID: 608495
Package ID: 445558
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 608495
Package ID: 445558
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported

55-90 47 TH ST (Continued) **2008438741**

Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 608495
Package ID: 445558
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 608496
Package ID: 445558
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 608496

55-90 47 TH ST (Continued) **2008438741**

Package ID: 445558
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 608496
Package ID: 445558
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package fail ID: 512281
Fail Sequence: 1
What failed code: 109
How failed code: 308

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Failure cause code:	526
Material ID:	445167
Material name:	POTASSIUM HYDROXIDE, LIQUID
UN ID:	UN1814
Hazard class code:	80
Trade name:	Not reported
Packing group:	Not reported
Amount reported released:	1.000000 Quart(s)
Amount released:	0.250000 Quart(s)
Material listed as hazardous waste:	False
EPA manifest number of haz. waste:	Not reported
Material listed as toxic inhalant:	False
Hazard zone of toxic inhalant:	Not reported
Material shipped under exemption/ approval/ Competent Authority Cert.	False
Exemption/approval/CAC number:	Not reported
Undeclared Hazmat shipment:	False
Package ID:	445558
Hazmat shipment destination:	5100 kings plaza BROOKLYN, NY 11234
Package type:	A
Package other description:	Not reported
Packaging markings:	Not reported
Package code:	77
Radioactive packaging indicator:	Not reported
Radioactive cert. indicator:	Not reported
Radioactive cert. No:	Not reported
Rad. nuclide(s) present:	Not reported
Transport index:	Not reported
Radioactivity indicator:	Not reported
Standardized activity:	Not reported
Critical safety index:	Not reported
Package layer ID:	608495
Package ID:	445558
Package layer code:	O
Package type for non-bulk/IBC/non-specification package	Box
Material type of non-bulk/IBC/non-specification package	Fiberboard
Head type for non-bulk/IBC/non-specification package	Not reported
Reported package capacity:	0
Standardized package cap:	0
Reported amount of material in pkge:	0
Number of packages shipped:	0
No. of packages releasing mat.:	0
Packaging manufacturer:	Not reported
Packaging manufacturing date:	/ /
Package serial number:	Not reported
Pkge date of last testing/inspection:	/ /
Package construction material:	Not reported
Package design pressure:	0
Package shell thickness:	0
Package head thickness:	0
Package service pressure:	0
Valve device failed:	Not reported
Valve type:	Not reported

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Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 608495
Package ID: 445558
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 608495
Package ID: 445558
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 608496

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Package ID: 445558
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 608496
Package ID: 445558
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 608496
Package ID: 445558
Package layer code: I
Package type for non-bulk/IBC/non-specification package

55-90 47 TH ST (Continued) **2008438741**

Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package fail ID: 512281
Fail Sequence: 1
What failed code: 109
How failed code: 308
Failure cause code: 526
Package ID: 445558
Hazmat shipment destination: 5100 kings plaza
BROOKLYN, NY 11234
Package type: A
Package other description: Not reported
Packaging markings: Not reported
Package code: 77
Radioactive packaging indicator: Not reported
Radioactive cert. indicator: Not reported
Radioactive cert. No: Not reported
Rad. nuclide(s) present: Not reported
Transport index: Not reported
Radioactivity indicator: Not reported
Standardized activity: Not reported
Critical safety index: Not reported
Package layer ID: 608495
Package ID: 445558
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0

55-90 47 TH ST (Continued) **2008438741**

Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 608495
Package ID: 445558
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 608495
Package ID: 445558
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported

55-90 47 TH ST (Continued) **2008438741**

Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 608496
Package ID: 445558
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 608496
Package ID: 445558
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0

55-90 47 TH ST (Continued) **2008438741**

Package shell thickness:	0
Package head thickness:	0
Package service pressure:	0
Valve device failed:	Not reported
Valve type:	Not reported
Valve manufacturer:	Not reported
Valve model:	Not reported
Package layer ID:	608496
Package ID:	445558
Package layer code:	I
Package type for non-bulk/IBC/non-specification package	Bottle
Material type of non-bulk/IBC/non-specification package	Plastic
Head type for non-bulk/IBC/non-specification package	Not reported
Reported package capacity:	0.000000
Standardized package cap:	0.000000
Reported amount of material in pkge:	0.000000
Number of packages shipped:	0
No. of packages releasing mat.:	0
Packaging manufacturer:	Not reported
Packaging manufacturing date:	/ /
Package serial number:	Not reported
Pkge date of last testing/inspection:	/ /
Package construction material:	Not reported
Package design pressure:	0
Package shell thickness:	0.000
Package head thickness:	0.000
Package service pressure:	0
Valve device failed:	Not reported
Valve type:	Not reported
Valve manufacturer:	Not reported
Valve model:	Not reported
Package fail ID:	512281
Fail Sequence:	1
What failed code:	109
How failed code:	308
Failure cause code:	526
Package ID:	445558
Hazmat shipment destination:	Not reported
	BROOKLYN, NY 11234
Package type:	A
Package other description:	Not reported
Packaging markings:	Not reported
Package code:	77
Radioactive packaging indicator:	Not reported
Radioactive cert. indicator:	Not reported
Radioactive cert. No:	Not reported
Rad. nuclide(s) present:	Not reported
Transport index:	Not reported
Radioactivity indicator:	Not reported
Standardized activity:	Not reported
Critical safety index:	Not reported
Package layer ID:	608495
Package ID:	445558
Package layer code:	O

55-90 47 TH ST (Continued) **2008438741**

Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 608495
Package ID: 445558
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 608495
Package ID: 445558
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package

55-90 47 TH ST (Continued) **2008438741**

Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 608496
Package ID: 445558
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 608496
Package ID: 445558
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported

55-90 47 TH ST (Continued) **2008438741**

Reported package capacity: 0
Standardized package cap: 0
Reported amount of material in pkge: 0
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0
Package head thickness: 0
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 608496
Package ID: 445558
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package fail ID: 512281
Fail Sequence: 1
What failed code: 109
How failed code: 308
Failure cause code: 526

A128 **HMIRS** **2000028083**
N/A

55-90 47TH STREET
< 1/8 **MASPETH, NY**
1 ft.

Site 127 of 159 in cluster A

Relative: HMIRS:
Lower

Actual:
7 ft.

Report #:	2000050962
Site location:	55-90 47TH STREET MASPETH, NY
Place of origin:	2320 W 60TH WAY MIRAMAR, FL 33023
Destination:	PLANET STEREO 7322 NORTHERN BLVD JACKSON HEIGHTS, NY 11372
Carrier ID:	92098
Carrier reporting #:	34-144-1019
Carrier:	FEDEX GROUND PACKAGE SYSTEM IN
Carrier address:	P O BOX 108 PITTSBURGH, PA 152300108
Shipper ID:	89898
Shipper name:	SELECT PRODUCTS
Shipper address:	2320 W 60TH WAY MIRAMAR, FL 33023
Shipping paper number:	024753410025612
Consignee ID:	80350
Consignee name:	PLANET STEREO
Consignee addess:	7322 NORTHERN BLVD JACKSON HEIGHTS, NY 11372
General cause:	10
Transportation mode:	4
Date:	04/25/2000
Commodity name:	ADHESIVES
Trade name:	Not reported
Amount:	4. GAL
Result:	Spillage
Hazard Class:	30
ID Number:	UN1133
Hazardous:	False
R.Q. met:	False
Misc. info:	100 100
Vehicle Type:	Van truck/trailer
Trans. phase:	263
Land use:	271
Community:	281
Accident/Derailment:	False
Estimated speed:	F
Highway type:	999
number of lanes:	0
Number evacuated:	0
Major injuries:	0
Minor injuries:	0
Fatalities:	0
Product loss:	100
Carrier damage:	0
Pvt/Pub damage:	0
Cleanup cost:	25
Other damage:	0
Reported damage:	125

(Continued) **2000028083**

Incident damage: 0

Inner and Outer Container Information:
Container type: PAIL MTL
Container capacity: 5. GAL
Number failed: 1
Number in shipment: 1
Container gauge: Not reported
Manufacture's ID: 16222
Manuf. name: NOT REPORTED BY CARRIER
UNKNOWN, XX
Tank serial #: Not reported
Label: RED
Registration #: Not reported
Inspection date: / /
Exemption #: Not reported
Contributing cause: Dropped
Contributing Object: Roadway
Contributing failure: Burst/int. pressure
Affected side: Top
Other contributing cause: Closure
Capacity container code: 0
Number failed code: 0
Shipment code number: 0
Container type: PAIL MTL
Container capacity: 5.00
Number failed: 1
Number in shipment: 1
Container gauge: Not reported
Manufacture's ID: 16222
Manuf. name: NOT REPORTED BY CARRIER
UNKNOWN, XX
Tank serial #: Not reported
Label: RED
Registration #: Not reported
Inspection date: Not reported
Exemption #: Not reported
Contributing cause: Dropped
Contributing Object: Roadway
Contributing failure: Burst/int. pressure
Affected side: Top
Other contributing cause: Closure
Capacity container code: Not reported
Number failed code: Not reported
Shipment code number: Not reported
Container type: BOX FBR
Container capacity: 5. GAL
Number failed: 1
Number in shipment: 1
Container gauge: Not reported
Manufacture's ID: 16222
Manuf. name: NOT REPORTED BY CARRIER
UNKNOWN, XX
Tank serial #: Not reported
Label: RED
Registration #: Not reported
Inspection date: / /

(Continued) **2000028083**

Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway
Contributing failure:	Ripped
Affected side:	Bottom
Other contributing cause:	Package material
Capacity container code:	0
Number failed code:	0
Shipment code number:	0
Container type:	BOX FBR
Container capacity:	5.00
Number failed:	1
Number in shipment:	1
Container gauge:	Not reported
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER UNKNOWN, XX
Tank serial #:	Not reported
Label:	RED
Registration #:	Not reported
Inspection date:	Not reported
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway
Contributing failure:	Ripped
Affected side:	Bottom
Other contributing cause:	Package material
Capacity container code:	Not reported
Number failed code:	Not reported
Shipment code number:	Not reported

Remarks:

(A) THE PAIL WAS UNLOADED WITH LEAKAGE NOTED. EXAMINATION OF THE PAIL THE PACKAGE WAS DROPPED IN HANDLING. EXAMINATION OF THE INNER CONTAINER REVEALED A RUPTURED SEAM WHICH ALLOWED THE CONTENTS TO REVEALED THE PAIL HAD A LOOSE CAP/LID AND LEAKED. THE LEAKAGE WAS CONTAINED. THE CAP/LID WAS SECURED. THE PAIL WAS REPACKED FOR RETURN TO
ESCAPE. THE LEAKAGE WAS CONTAINED. THE PACKAGE WAS REPACKED FOR RETURN TO SHIPPER.
SHIPPER. (B - C) THE PACKAGE WAS DROPPED IN HANDLING. EXAMINATION OF THE
INNER CONTAINER REVEALED A RUPTURED SEAM WHICH ALLOWED THE CONTENTS TO ESCAPE. THE LEAKAGE WAS CONTAINED. THE PACKAGE WAS REPACKED FOR RETURN
TO SHIPPER.

A129 **C B L TRUCKING** **NY Spills S104495411**
55-80 47TH STREET **NY MANIFEST N/A**
< 1/8 **MASPETH, NY 11378**
1 ft.

Site 128 of 159 in cluster A

Relative: SPILLS:
Lower

Name:	55-80 47TH STREET
Address:	55-80 47TH STREET
City,State,Zip:	MASPETH, NY

Actual:
7 ft.

C B L TRUCKING (Continued) **S104495411**

Spill Number/Closed Date:	9210787 / 1992-12-17
Facility ID:	9210787
Facility Type:	ER
DER Facility ID:	66070
Site ID:	69495
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	4101
Spill Date:	1992-12-17
Investigator:	CAMMISA
Referred To:	Not reported
Reported to Dept:	1992-12-17
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	1992-12-17
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1992-12-22
Spill Record Last Update:	2004-09-30
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	""
Remarks:	"TRAPPED VENT-CONTIANED ON CONCRETE DRIVE WAY-SPILLER CREW TO CLEANUP"
	Not reported

All Materials:

Site ID:	69495
Operable Unit ID:	975007
Operable Unit:	01
Material ID:	404226
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	4.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

NY MANIFEST:

Name:	C B L TRUCKING
Address:	55-80 47TH STREET
City,State,Zip:	MASPETH, NY 11378
Country:	USA
EPA ID:	NYP000900100
Facility Status:	Not reported
Location Address 1:	55-80 47TH STREET

C B L TRUCKING (Continued) **S104495411**

Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	MASPETH
Location State:	NY
Location Zip:	11378
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP000900100
Mailing Name:	C B L TRUCKING
Mailing Contact:	FERNANDO M. LASTRES
Mailing Address 1:	55-80 47TH STREET
Mailing Address 2:	Not reported
Mailing City:	MASPETH
Mailing State:	NY
Mailing Zip:	11378
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7184567207

NY MANIFEST:

Document ID:	NJA1003486
Manifest Status:	K
seq:	Not reported
Year:	1990
Trans1 State ID:	S5811
Trans2 State ID:	Not reported
Generator Ship Date:	10/17/1990
Trans1 Recv Date:	10/17/1990
Trans2 Recv Date:	/ /
TSD Site Recv Date:	10/18/1990
Part A Recv Date:	09/13/1991
Part B Recv Date:	11/01/1990
Generator EPA ID:	NYP000900100
Trans1 EPA ID:	NJD982281016
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	F005 - UNKNOWN
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported

C B L TRUCKING (Continued) **S104495411**

Quantity:	00360
Units:	P - Pounds
Number of Containers:	004
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	100

A130 **HMIRS** **2000060900**
N/A

55-90 47TH ST
< 1/8 **MASPETH, NY**
1 ft.

Site 129 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:

Report #:	2000060900
Site location:	55-90 47TH ST MASPETH, NY
Place of origin:	255 BLAIR ROAD AVENEL, NJ 07001
Destination:	MEGNA RESTAURANT 7414 37TH AVE JACKSON HEIGHTS, NY 11372
Carrier ID:	92098
Carrier reporting #:	341441019
Carrier:	FEDEX GROUND PACKAGE SYSTEM IN
Carrier address:	P O BOX 108 PITTSBURGH, PA 152300108
Shipper ID:	24649
Shipper name:	ECO-LABS INC
Shipper address:	255 BLAIR ROAD AVENEL, NJ 07001
Shipping paper number:	007184110468028
Consignee ID:	80350
Consignee name:	MEGNA RESTAURANT
Consignee addess:	7414 37TH AVE JACKSON HEIGHTS, NY 11372
General cause:	10
Transportation mode:	4
Date:	05/30/2000
Commodity name:	HYPOCHLORITE SOLUTN >16%
Trade name:	Not reported
Amount:	0. GAL
Result:	Spillage
Hazard Class:	80
ID Number:	UN1791
Hazardous:	False
R.Q. met:	False
Misc. info:	100 100
Vehicle Type:	Van truck/trailer
Trans. phase:	263
Land use:	271
Community:	281
Accident/Derailment:	False
Estimated speed:	F
Highway type:	999
number of lanes:	0
Number evacuated:	0

(Continued) **2000060900**

Major injuries:	0
Minor injuries:	0
Fatalities:	0
Product loss:	100
Carrier damage:	0
Pvt/Pub damage:	0
Cleanup cost:	25
Other damage:	0
Reported damage:	125
Incident damage:	0

Inner and Outer Container Information:

Container type:	1H2
Container capacity:	5. GAL
Number failed:	1
Number in shipment:	1
Container gauge:	1H2/Y1.5/20/
Manufacture's ID:	24649
Manuf. name:	ECO-LABS INC ST PAUL, MN
Tank serial #:	Not reported
Label:	WHITE
Registration #:	M2014
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Loose fitting
Contributing Object:	No object
Contributing failure:	LEAKED
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	0
Number failed code:	0
Shipment code number:	0

Remarks:

(A - B) THE PAIL WAS UNLOADED WITH LEAKAGE NOTED. EXAMINATION OF THE PAIL
REVEALED THE PAIL HAD LOOSE CAP/LID AND LEAKED. THE LEAKAGE WAS CONTAINED.
THE CAP/LID WAS SECURED. THE PAIL WAS REPACKED FOR RETURN TO SHIPPER.

A131 **HMIRS** **2000028084**
55-90 47TH ST **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 130 of 159 in cluster A

Relative: HMIRS:
Lower

Actual: Report #:	2000050963
7 ft. Site location:	55-90 47TH ST MASPETH, NY
Place of origin:	100 OAK STREET EAST RUTHERFORD, NJ 07073
Destination:	HESPER REALTY ASSOC 180 VAN CORTLANDT PK S BRONX, NY 10463
Carrier ID:	92098

(Continued) **2000028084**

Carrier reporting #:	34-144-1019
Carrier:	FEDEX GROUND PACKAGE SYSTEM IN
Carrier address:	P O BOX 108 PITTSBURGH, PA 152300108
Shipper ID:	36678
Shipper name:	PRESTIGE LABS INC
Shipper address:	100 OAK STREET EAST RUTHERFORD, NJ 07073
Shipping paper number:	Not reported
Consignee ID:	80350
Consignee name:	HESPER REALTY ASSOC
Consignee addess:	180 VAN CORTLANDT PK S BRONX, NY 10463
General cause:	10
Transportation mode:	4
Date:	04/25/2000
Commodity name:	SULFURIC ACID
Trade name:	Not reported
Amount:	0.05 GAL
Result:	Spillage
Hazard Class:	80
ID Number:	UN1830
Hazardous:	False
R.Q. met:	False
Misc. info:	100 100
Vehicle Type:	Van truck/trailer
Trans. phase:	262
Land use:	271
Community:	281
Accident/Derailment:	False
Estimated speed:	F
Highway type:	999
number of lanes:	Not reported
Number evacuated:	0
Major injuries:	0
Minor injuries:	0
Fatalities:	0
Product loss:	100
Carrier damage:	0
Pvt/Pub damage:	0
Cleanup cost:	25
Other damage:	0
Reported damage:	125
Incident damage:	0

Inner and Outer Container Information:

Container type:	CONT PLS
Container capacity:	0. GAL
Number failed:	1
Number in shipment:	12
Container gauge:	Not reported
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER UNKNOWN, XX
Tank serial #:	Not reported
Label:	Not reported
Registration #:	Not reported

(Continued) **2000028084**

Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway
Contributing failure:	Burst/int. pressure
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	0
Number failed code:	0
Shipment code number:	0
Container type:	CONT PLS
Container capacity:	0.13
Number failed:	1
Number in shipment:	12
Container gauge:	Not reported
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER UNKNOWN, XX
Tank serial #:	Not reported
Label:	Not reported
Registration #:	Not reported
Inspection date:	Not reported
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway
Contributing failure:	Burst/int. pressure
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	Not reported
Number failed code:	Not reported
Shipment code number:	Not reported
Container type:	BOX FBR
Container capacity:	1. GAL
Number failed:	1
Number in shipment:	1
Container gauge:	Not reported
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER UNKNOWN, XX
Tank serial #:	Not reported
Label:	WHITE
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway
Contributing failure:	Ripped
Affected side:	Bottom
Other contributing cause:	Package material
Capacity container code:	0
Number failed code:	0
Shipment code number:	0
Container type:	BOX FBR
Container capacity:	1.50
Number failed:	1
Number in shipment:	1
Container gauge:	Not reported

(Continued) **2000028084**

Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER UNKNOWN, XX
Tank serial #:	Not reported
Label:	WHITE
Registration #:	Not reported
Inspection date:	Not reported
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway
Contributing failure:	Ripped
Affected side:	Bottom
Other contributing cause:	Package material
Capacity container code:	Not reported
Number failed code:	Not reported
Shipment code number:	Not reported

Remarks:

(A) THE PAIL WAS UNLOADED WITH LEAKAGE NOTED. EXAMINATION OF THE PAIL THE PACKAGE WAS DROPPED IN HANDLING. EXAMINATION OF THE INNER REVEALED THE PAIL HAD A LOOSE CAP/LID AND LEAKED. THE LEAKAGE WAS CONTAINER REVEALED A RUPTURED SEAM WHICH ALLOWED THE CONTENTS TO CONTAINED. THE CAP/LID WAS SECURED. THE PAIL WAS REPACKED FOR RETURN TO
ESCAPE. THE LEAKAGE WAS CONTAINED. THE PACKAGE WAS REPACKED FOR RETURN TO SHIPPER.
SHIPPER. (B - C) THE PACKAGE WAS DROPPED IN HANDLING. EXAMINATION OF THE
INNER CONTAINER REVEALED A RUPTURED SEAM WHICH ALLOWED THE CONTENTS TO ESCAPE. THE LEAKAGE WAS CONTAINED. THE PACKAGE WAS REPACKED FOR RETURN
TO SHIPPER.

A132 **55-90 47TH ST** **HMIRS** **2007445679**
55-90 47TH ST **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 131 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:

Report #:	2006120094
System ID:	421950
Report type:	A
Incident site:	55-90 47th st MASPETH, NY 11378
Incident county:	queens
Incident country:	US
Incident date:	11/09/06
Incident time:	0629
NRC report #:	0
Other fed agency reported to:	Not reported
Other agency report #:	Not reported
Incident foreign country:	Not reported
Transportation mode:	4
Transportation phase:	263
Carrier DOT ID:	265752
Carrier Hazmat ID:	062904001002M

55-90 47TH ST (Continued) **2007445679**

Carrier name:	Fedex Ground Package System, Inc.
Carrier address:	1000 Fedex Drive MOON TOWNSHIP, PA 15108
Carrier country:	US
Incident consequence:	Spillage
EMS/Fire crew responded:	Not reported
EMS/Fire crew report #:	Not reported
Police responded:	Not reported
Police report #:	Not reported
In-house cleanup occurred:	True
Other cleanup occurred:	Not reported
Estimated damages exceed $500:	False
Value of material lost:	0
Value of carrier loss:	0
Value of pub/priv property loss:	0
Response cost:	0
Remediation cost:	0

Details of fatalities by vapor/fire/explosion of hazardous material:

Did Fatalities occur:	False
No. of employee fatalities:	0
No. of responder fatalities:	0
No. of public fatalities:	0

Details of fatalities not due to hazardous material:

Did fatalities occur:	Not reported
No. of dead persons:	0

Details of injuries due to hazardous material:

Did injuries occur:	False
No. of employees hospitalized:	0
No. of employees not hospitalized:	0
No. of responders hospitalized:	0
No. of responders not hospitalized:	0
No. of public hospitalized:	0
No. of public not hospitalized:	0
Evacuation was required:	False
No. of employees evacuated:	0
No. of public evacuated:	0
Total number evacuated:	0
Evacuation time in hours:	0
Road/facility was closed:	False
No. of hours closed:	0
Hazmat invloved in crash/derailment:	False
Estimated speed of crash:	0
Crash weather conditions:	Not reported
Vehicle overturned:	Not reported
Did vehicle leave road/track:	Not reported
Where incident occurred/discovered:	Not reported
Shipment handling details:	Not reported

Incident report preparer details:

Preparer name:	Scott Kerr
Preparer title:	TSM Manager II - Safety
Hazmat registration ID:	062904001002M
Employer business name:	Fedex Ground Package System, Inc.
Address:	1000 Fedex Drive MOON TOWNSHIP, PA 15108

55-90 47TH ST (Continued) **2007445679**

Country:	US
Report date:	12/06/06
Telephone:	412-859-5051
Fax:	412-859-5045
Business type:	C
Preparer other function:	Not reported

A133 **5590 47TH STREET** **HMIRS** **2013005152**
5590 47TH STREET **N/A**
< 1/8 **MASPETH, NY 11378**
1 ft.

Site 132 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:

Report Number:	X-2013090142
Report Source:	XML
Multiple Rows per Incident:	No
Report Type:	A hazardous material incident
Date of Incident:	2013-08-14 00:00:00
Time of Incident:	0700
NRC Number:	Not reported
Fed DOT Agency Name:	Not reported
Fed DOT Report #:	Not reported
Incident City:	Maspeth
Incident County:	QUEENS
Incident State:	NY
Incident Zip:	11378
Incident Non-US State:	Not reported
Incident Country:	US
Incident Route:	5590 47th street
Mode of Transportation:	Highway
Transportation Phase:	LOADING
Carrier/Reporter Name:	FEDEX GROUND PACKAGE SYSTEM INC.
Carrier/Reporter Street:	1000 FED EX DR
Carrier/Reporter City:	CORAOPOLIS
Carrier/Reporter State:	Not reported
Carrier/Reporter Zip:	15108
Carrier/Reporter Non-US State:	PA
Carrier/Reporter FED DOT ID:	265752
Carrier/Reporter HAZMAT ID:	051910551007S
Carrier/Reporter Country:	UN
Shipper Name:	ATLANTIC PLYWOOD CORPORATION
Shipper Street:	999 S OYSTER BAY RD
Shipper City:	BETHPAGE
Shipper State:	Not reported
Shipper Zip:	11714
Shipper Non-US State:	NY
Shipper Country:	UNITED STATES
Waybill/Shipping Paper:	941701415026224
Shipper HAZMAT Registration ID:	Not reported
Origin City:	BETHPAGE
Origin State:	NE
Origin Zip:	11714
Origin Non-US State:	Not reported
Origin Country:	US
Destination City:	BROOKLYN
Destination State:	NE
Destination Postal Code:	11237

5590 47TH STREET (Continued) **2013005152**

Destination Non-US State:	Not reported
Destination Country:	US
Commodity Short Name:	FLAMMABLE LIQUIDS CORRO
Commodity Long Name:	FLAMMABLE LIQUIDS CORROSIVE N.O.S.
Technical/Trade Name:	METHY ALCOHOL P-TOL
Identification Number:	UN2924
Hazardous Class Code:	3
Hazardous Class:	FLAMMABLE - COMBUSTIBLE LIQUID
Packing Group:	II
Quantity Released:	6
Unit of Measure:	LGA
Unit of Measure Description:	Liquid - Gallon
HAZMAT Waste Indicator:	No
HAZMAT Waste EPA ID:	Not reported
HMIS Toxic by Inhalation:	No
TIH Hazard Zone:	Not reported
Material Shipment Approval:	No
Mat. Shipment Approval #:	Not reported
Undeclared HAZMAT Shipment:	No
Packaging Type:	Non-Bulk
What Failed Code:	103
What Failed Description:	Basic Material
How Failed Code:	301
How Failed Description:	Abraded
Failure Cause Code:	526
Failure Cause Description:	Loose Closure Component or Device
Identification Markings:	Not reported
Cont1 Packaging Type:	Box
Cont1 Material of Construction:	Fiberboard
Cont1 Head Type:	Not reported
Cont1 Package Capacity:	Not reported
Cont1 Package Capacity UOM:	Not reported
Cont1 Package Amount:	Not reported
Cont1 Package Amount UOM:	Not reported
Cont1 Pkg Number:	Not reported
Cont1 Pkg Shipment # Failed:	Not reported
Cont1 Package Manufacturer:	Not reported
Cont1 Pkg Manufacturer Date:	Not reported
Cont1 Package Serial Number:	Not reported
Cont1 Package Last Test Date:	Not reported
Cont1 Test Material Of Const:	Not reported
Cont1 Pkg Dsign Pressure Rpted:	Not reported
Cont1 Dsign Pressure UOM Rpted:	Not reported
Cont1 Pkg Shell Thickness Rptd:	Not reported
Cont1 Shell Thickness UOM Rptd:	Not reported
Cont1 Head Thickness Reported:	Not reported
Cont1 Head Thickness UOM Rpted:	Not reported
Cont1 Pkg Srvc Pressure Rpted:	Not reported
Cont1 Srvc Pressure UOM Rpted:	Not reported
Cont1 Valve or Device Fail Ind:	No
Cont1 Valve or Device Type:	Not reported
Cont1 Val Device Manufacturer:	Not reported
Cont1 Valve or Device Model:	Not reported
Cont2 Package Type:	Bottle
Cont2 Material of Construction:	Plastic
Cont2 Package Capacity:	Not reported
Cont2 Capacity UOM Reported:	Not reported

5590 47TH STREET (Continued) **2013005152**

Cont2 Package Amount:	Not reported
Cont2 Package Amount UOM:	Not reported
Cont2 Pkg Number in Shipment:	Not reported
Cont2 Pkg Shipment # Failed:	Not reported
RAM Package Category:	Not reported
RAM Package Certification:	FALSE
RAM Package Certification #:	Not reported
RAM Nuclide(s) Present:	Not reported
RAM Transport Index:	Not reported
RAM UOM:	Not reported
RAM Activity Rpted:	Not reported
RAM UOM Rpted:	Not reported
RAM Activity:	Not reported
RAM Activity UOM:	Not reported
RAM Material Safety Index:	Not reported
Spillage (Ind:	Yes
Fire Ind:	No
Explosion Ind:	No
Water Sewer Ind:	No
Gas Dispersion Ind:	No
Environmental Damage:	No
No Release Ind:	No
Fire/EMS Report Ind:	No
Fire EMS/EMS Report #:	Not reported
Police Report Ind:	No
Police Report #:	Not reported
In-House Cleanup Ind:	Yes
Other Cleanup Ind:	No
Damage More Than 500:	No
Material Loss:	0
Carrier Damage:	0
Property Damage:	0
Response Cost:	0
Remediation Cleanup Cost:	0
Damage Other (Old Form):	0
Total Amount of Damages:	0
HAZMAT Fatality Indicator:	No
HAZMAT Fatalities Employees:	0
HAZMAT Fatalities Responders:	0
HAZMAT Fatality Gen. Public:	0
Hazmat Fatalities (Old Form):	0
Total Hazmat Fatalities:	Not reported
Non_HAZMAT Fatality Indicator:	No
Non-HAZMAT Fatalities:	0
HAZMAT Injury Indicator:	No
HAZMAT Hospitalized Employees:	0
HAZMAT Hospitalized Responders:	0
HAZMAT Hospitalized Gen Public:	0
HAZMAT Hospitalized (Old Form):	0
Total Hazmat Hosp Injuries:	0
HAZMAT NonHosp Employees:	0
HAZMAT NonHosp Responders:	0
HAZMAT NonHosp Gen. Public:	0
HAZMAT NonHosp (Old Form):	0
Total Hazmat NonHosp Injuries:	0
Total Hazmat Injuries:	0
Evacuation Indicator:	No

5590 47TH STREET (Continued) **2013005152**

Public Evacuated:	0
Employees Evacuated:	0
Total Evacuated:	0
Total Evacuation Hours:	0
Major Artery Closed:	No
Major Artery Hours Closed:	0
Material Involved in Accident:	No
Estimated Speed:	0
Weather Conditions:	Not reported
Vehicle Overturn:	No
Vehicle Left Roadway/Track:	No
Passenger Aircraft Indicator:	No
Cargo Passenger Baggage Ind:	Not reported
Incident Occurrence:	Not reported
Shipphase Non-Transported Ind:	No
Shipphase Air First Flight Ind:	No
Shipphase Air SubFlight Ind:	No
Shipphase Init Transport Ind:	No
Shipphase Transfer Indicator:	Not reported
Contact Name:	GEORGE FETSKO
Contact Title:	SAFETY PROCESS SPECIALIST I - HAZMAT
Contact Business Name:	Fedex Ground Package System Inc.
Contact Street:	1000 Fedex Drive
Contact City:	Moon Township
Contact State:	PA
Contact Postal Code:	15108
Contact Non-US State:	Not reported
Contact Country:	US
Preparer of Incident Report:	Carrier
Description of Events:	The package was unloaded with leakage noted on the box. Examination of the inner container revealed that the container(s) had loose cap(s) and leaked. The leakage was contained. The cap(s) were secured. The carton was wet but otherwise undamaged. The undamaged portion of the package was repacked for return to shipper.
Recommendations/Actions Taken:	Not reported
Recommendations/Actions:	Not reported
HMIS Serious Incident Ind:	No
HMIS Serious Fatality:	No
HMIS Serious Injury:	No
HMIS Serious Flight Plan:	No
HMIS Serious Evacuations:	No
HMIS Serious Major Artery:	No
HMIS Serious Bulk Release:	No
HMIS Serious Marine Pollutant:	No
HMIS Serious Radioactive:	No
HMIS General Package Type:	OHMIR.Ref_Container.descr
HMIS Container Code:	BOX FBR
HMIS Container Description:	Not reported
HMIS Bulk Incident Indicator:	No
Undeclared Shipment:	No

A134 **55-90 47TH ST** **HMIRS** **2005701304**
55-90 47TH ST **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 133 of 159 in cluster A

Relative: HMIRS:
Lower

Actual:
7 ft.

Report #:	2005120022
System ID:	398828
Report type:	A
Incident site:	55-90 47TH ST MASPETH, NY 11378
Incident county:	queens
Incident country:	US
Incident date:	12/02/2005
Incident time:	1304
NRC report #:	0
Other fed agency reported to:	Not reported
Other agency report #:	Not reported
Incident foreign country:	Not reported
Transportation mode:	4
Transportation phase:	263
Carrier DOT ID:	265752
Carrier Hazmat ID:	062904001002M
Carrier name:	Fedex Ground Package System, Inc.
Carrier address:	1000 Fedex Drive MOON TOWNSHIP, PA 15108
Carrier country:	US
Incident consequence:	Spillage
EMS/Fire crew responded:	Not reported
EMS/Fire crew report #:	Not reported
Police responded:	Not reported
Police report #:	Not reported
In-house cleanup occurred:	True
Other cleanup occurred:	Not reported
Estimated damages exceed $500:	False
Value of material lost:	0
Value of carrier loss:	0
Value of pub/priv property loss:	0
Response cost:	0
Remediation cost:	0

Details of fatalities by vapor/fire/explosion of hazardous material:

Did Fatalities occur:	False
No. of employee fatalities:	0
No. of responder fatalities:	0
No. of public fatalities:	0

Details of fatalities not due to hazardous material:

Did fatalities occur:	Not reported
No. of dead persons:	0

Details of injuries due to hazardous material:

Did injuries occur:	False
No. of employees hospitalized:	0
No. of employees not hospitalized:	0
No. of responders hospitalized:	0
No. of responders not hospitalized:	0
No. of public hospitalized:	0
No. of public not hospitalized:	0

55-90 47TH ST (Continued) **2005701304**

Evacuation was required:	False
No. of employees evacuated:	0
No. of public evacuated:	0
Total number evacuated:	0
Evacuation time in hours:	0
Road/facility was closed:	False
No. of hours closed:	0
Hazmat invloved in crash/derailment:	False
Estimated speed of crash:	0
Crash weather conditions:	Not reported
Vehicle overturned:	Not reported
Did vehicle leave road/track:	Not reported
Where incident occurred/discovered:	Not reported
Shipment handling details:	Not reported

Incident report preparer details:

Preparer name:	Denise Hanchulak
Preparer title:	TSM Manager II - Safety
Hazmat registration ID:	062904001002M
Employer business name:	Fedex Ground Package System, Inc.
Address:	1000 Fedex Drive MOON TOWNSHIP, PA 15108
Country:	US
Report date:	12/06/2005
Telephone:	412-859-5056
Fax:	412-859-5045
Business type:	C
Preparer other function:	Not reported

A135 **55-90 47TH ST** **HMIRS** **2008456333**
55-90 47TH ST **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 134 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:

Report #:	2008080122
System ID:	456333
Report type:	A
Incident site:	55-90 47th st MASPETH, NY 11378
Incident county:	QUEENS
Incident country:	US
Incident date:	07/18/08
Incident time:	1046
NRC report #:	0
Other fed agency reported to:	Not reported
Other agency report #:	Not reported
Incident foreign country:	Not reported
Transportation mode:	4
Transportation phase:	262
Carrier DOT ID:	265752
Carrier Hazmat ID:	062904001002M
Carrier name:	Fedex Ground Package System, Inc.
Carrier address:	1000 Fedex Drive MOON TOWNSHIP, PA 15108
Carrier country:	US
Incident consequence:	Spillage

55-90 47TH ST (Continued) **2008456333**

EMS/Fire crew responded:	Not reported
EMS/Fire crew report #:	Not reported
Police responded:	Not reported
Police report #:	Not reported
In-house cleanup occurred:	True
Other cleanup occurred:	Not reported
Estimated damages exceed $500:	False
Value of material lost:	0
Value of carrier loss:	0
Value of pub/priv property loss:	0
Response cost:	0
Remediation cost:	0

Details of fatalities by vapor/fire/explosion of hazardous material:

Did Fatalities occur:	False
No. of employee fatalities:	0
No. of responder fatalities:	0
No. of public fatalities:	0

Details of fatalities not due to hazardous material:

Did fatalities occur:	Not reported
No. of dead persons:	0

Details of injuries due to hazardous material:

Did injuries occur:	False
No. of employees hospitalized:	0
No. of employees not hospitalized:	0
No. of responders hospitalized:	0
No. of responders not hospitalized:	0
No. of public hospitalized:	0
No. of public not hospitalized:	0
Evacuation was required:	False
No. of employees evacuated:	0
No. of public evacuated:	0
Total number evacuated:	0
Evacuation time in hours:	0
Road/facility was closed:	False
No. of hours closed:	0
Hazmat invloved in crash/derailment:	False
Estimated speed of crash:	0
Crash weather conditions:	Not reported
Vehicle overturned:	Not reported
Did vehicle leave road/track:	Not reported
Where incident occurred/discovered:	Not reported
Shipment handling details:	Not reported

Incident report preparer details:

Preparer name:	Travis McEwen
Preparer title:	Safety Specialist III - Hazmat
Hazmat registration ID:	062904001002M
Employer business name:	Fedex Ground Package System, Inc.
Address:	1000 Fedex Drive MOON TOWNSHIP, PA 15108
Country:	US
Report date:	08/13/08
Telephone:	412-859-5061
Fax:	412-859-5045
Business type:	C

55-90 47TH ST (Continued) **2008456333**

Preparer other function: Not reported

Description of Events:

The package was unloaded with leakage noted on the box. Examination of the inner container revealed that the container(s) had loose cap(s) and leaked. The leakage was contained. The cap(s) were secured. The carton was wet but otherwise undamaged. The undamaged portion of the package was repacked for return to shipper.

Shipper Details:

Shipper ID: 456441
Shipper name: PRESTIGE LABORATORIES
Address: 100 oak street
EAST RUTHERFORD, NJ 07073
Shipper country: US
Hazmat papers #: 29167700107448
Shipment origin: Not reported
Not reported
Shipment origin country: Not reported

Details of material being shipped:

Material ID: 462593
Material name: POTASSIUM HYDROXIDE, SOLUTION
UN ID: UN1814
Hazard class code: 80
Trade name: Not reported
Packing group: II
Amount reported released: 12.000000 Ounce(s)
Amount released: 0.093800 Ounce(s)
Material listed as hazardous waste: False
EPA manifest number of haz. waste: Not reported
Material listed as toxic inhalant: False
Hazard zone of toxic inhalant: Not reported
Material shipped under exemption/ approval/ Competent Authority Cert.
False
Exemption/approval/CAC number: Not reported
Undeclared Hazmat shipment: False
Package ID: 462872
Hazmat shipment destination: Not reported
BROOKLYN, NY 11234
Package type: A
Package other description: Not reported
Packaging markings: Not reported
Package code: 77
Radioactive packaging indicator: Not reported
Radioactive cert. indicator: Not reported
Radioactive cert. No: Not reported
Rad. nuclide(s) present: Not reported
Transport index: Not reported
Radioactivity indicator: Not reported
Standardized activity: Not reported
Critical safety index: Not reported
Package layer ID: 632701
Package ID: 462872
Package layer code: O
Package type for non-bulk/IBC/non-specification package

55-90 47TH ST (Continued) **2008456333**

Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 632702
Package ID: 462872
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package fail ID: 529079
Fail Sequence: 1
What failed code: 109
How failed code: 308
Failure cause code: 526

A136 **HMIRS** **2002022666**
55-90 47TH ST **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 135 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:

Report #:	2002020905
Site location:	55-90 47TH ST MASPETH, NY
Place of origin:	40000 COLUMBIA AVE LONGWOOD, PA 19061
Destination:	MODALITIES RESEARCH 31-01 STEINWAY ST LONG ISLAND CITY, NY 11103
Carrier ID:	92098
Carrier reporting #:	34-144-1019
Carrier:	FEDEX GROUND PACKAGE SYSTEM IN
Carrier address:	P O BOX 108 PITTSBURGH, PA 152300108
Shipper ID:	13156
Shipper name:	ESSCHEM CO
Shipper address:	40000 COLUMBIA AVE LONGWOOD, PA 19061
Shipping paper number:	068211600006499
Consignee ID:	80350
Consignee name:	MODALITIES RESEARCH
Consignee addess:	31-01 STEINWAY ST LONG ISLAND CITY, NY 11103
General cause:	10
Transportation mode:	4
Date:	01/23/2002
Commodity name:	METHYL METHACRYLATE INHIB
Trade name:	Not reported
Amount:	0.09 GAL
Result:	Spillage
Hazard Class:	30
ID Number:	UN1247
Hazardous:	False
R.Q. met:	False
Misc. info:	100 100
Vehicle Type:	Van truck/trailer
Trans. phase:	263
Land use:	271
Community:	281
Accident/Derailment:	False
Estimated speed:	F
Highway type:	999
number of lanes:	0
Number evacuated:	0
Major injuries:	0
Minor injuries:	0
Fatalities:	0
Product loss:	100
Carrier damage:	0
Pvt/Pub damage:	0
Cleanup cost:	425
Other damage:	0
Reported damage:	525

(Continued) **2002022666**

Incident damage: 0

Inner and Outer Container Information:

Container type:	1H1
Container capacity:	5.00 GAL
Number failed:	1
Number in shipment:	1
Container gauge:	1H1/Y1.8/100
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER UNKNOWN, XX
Tank serial #:	Not reported
Label:	Not reported
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway
Contributing failure:	Burst/int. pressure
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	0
Number failed code:	0
Shipment code number:	0
Container type:	BOX FBR
Container capacity:	5.00 GAL
Number failed:	1
Number in shipment:	1
Container gauge:	Not reported
Manufacture's ID:	13156
Manuf. name:	ESSCHEM CO LONGWOOD, PA
Tank serial #:	Not reported
Label:	RED
Registration #:	M4151
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway
Contributing failure:	Ripped
Affected side:	Bottom
Other contributing cause:	Package material
Capacity container code:	0
Number failed code:	0
Shipment code number:	0

Remarks:

THE PACKAGE WAS DROPPED IN HANDLING. EXAMINATION OF THE INNER CONTAINER
REVEALED A RUPTURED SEAM WHICH ALLOWED THE CONTENTS TO ESCAPE. THE LEAKAGE
WAS CONTAINED. THE UNDAMAGED PORTION OF THE PACKAGE WAS REPACKED FOR RETURN TO SHIPPER.

A137
< 1/8
1 ft.

55-90 47TH ST
55-90 47TH ST
MASPETH, NY 11378

Site 136 of 159 in cluster A

HMIRS **2013001421**
N/A

Relative:
Lower

Actual:
7 ft.

HMIRS:

Report Number:	X-2013030018
Report Source:	XML
Multiple Rows per Incident:	No
Report Type:	A hazardous material incident
Date of Incident:	2013-02-05 00:00:00
Time of Incident:	0600
NRC Number:	Not reported
Fed DOT Agency Name:	Not reported
Fed DOT Report #:	Not reported
Incident City:	MASPETH
Incident County:	QUEENS
Incident State:	NY
Incident Zip:	11378
Incident Non-US State:	Not reported
Incident Country:	US
Incident Route:	55-90 47th st
Mode of Transportation:	Highway
Transportation Phase:	UNLOADING
Carrier/Reporter Name:	FEDEX GROUND PACKAGE SYSTEM INC.
Carrier/Reporter Street:	1000 FED EX DR
Carrier/Reporter City:	CORAOPOLIS
Carrier/Reporter State:	Not reported
Carrier/Reporter Zip:	15108
Carrier/Reporter Non-US State:	PA
Carrier/Reporter FED DOT ID:	265752
Carrier/Reporter HAZMAT ID:	051910551007S
Carrier/Reporter Country:	UN
Shipper Name:	SUR-FIN CHEMICAL CORPORATION
Shipper Street:	1530 SPENCE ST
Shipper City:	LOS ANGELES
Shipper State:	Not reported
Shipper Zip:	90023
Shipper Non-US State:	CA
Shipper Country:	UNITED STATES
Waybill/Shipping Paper:	35049560048646
Shipper HAZMAT Registration ID:	Not reported
Origin City:	LOS ANGELES
Origin State:	CA
Origin Zip:	90023
Origin Non-US State:	Not reported
Origin Country:	US
Destination City:	LONG ISLAND CITY
Destination State:	NE
Destination Postal Code:	11106
Destination Non-US State:	Not reported
Destination Country:	US
Commodity Short Name:	CORROSIVE LIQUIDS N.O.S.
Commodity Long Name:	CORROSIVE LIQUIDS N.O.S.
Technical/Trade Name:	PAC 100
Identification Number:	UN1760
Hazardous Class Code:	8
Hazardous Class:	CORROSIVE MATERIAL

55-90 47TH ST (Continued) **2013001421**

Packing Group:	III
Quantity Released:	0.50
Unit of Measure:	LGA
Unit of Measure Description:	Liquid - Gallon
HAZMAT Waste Indicator:	No
HAZMAT Waste EPA ID:	Not reported
HMIS Toxic by Inhalation:	No
TIH Hazard Zone:	Not reported
Material Shipment Approval:	No
Mat. Shipment Approval #:	Not reported
Undeclared HAZMAT Shipment:	No
Packaging Type:	Non-Bulk
What Failed Code:	109
What Failed Description:	Closure (e.g. Cap Top or Plug)
How Failed Code:	304
How Failed Description:	Cracked
Failure Cause Code:	511
Failure Cause Description:	Dropped
Identification Markings:	Not reported
Cont1 Packaging Type:	Box
Cont1 Material of Construction:	Fiberboard
Cont1 Head Type:	Not reported
Cont1 Package Capacity:	Not reported
Cont1 Package Capacity UOM:	Not reported
Cont1 Package Amount:	Not reported
Cont1 Package Amount UOM:	Not reported
Cont1 Pkg Number:	Not reported
Cont1 Pkg Shipment # Failed:	Not reported
Cont1 Package Manufacturer:	Not reported
Cont1 Pkg Manufacturer Date:	Not reported
Cont1 Package Serial Number:	Not reported
Cont1 Package Last Test Date:	Not reported
Cont1 Test Material Of Const:	Not reported
Cont1 Pkg Dsign Pressure Rpted:	Not reported
Cont1 Dsign Pressure UOM Rpted:	Not reported
Cont1 Pkg Shell Thickness Rptd:	Not reported
Cont1 Shell Thickness UOM Rptd:	Not reported
Cont1 Head Thickness Reported:	Not reported
Cont1 Head Thickness UOM Rpted:	Not reported
Cont1 Pkg Srvc Pressure Rpted:	Not reported
Cont1 Srvc Pressure UOM Rpted:	Not reported
Cont1 Valve or Device Fail Ind:	No
Cont1 Valve or Device Type:	Not reported
Cont1 Val Device Manufacturer:	Not reported
Cont1 Valve or Device Model:	Not reported
Cont2 Package Type:	Bottle
Cont2 Material of Construction:	Plastic
Cont2 Package Capacity:	Not reported
Cont2 Capacity UOM Reported:	Not reported
Cont2 Package Amount:	Not reported
Cont2 Package Amount UOM:	Not reported
Cont2 Pkg Number in Shipment:	Not reported
Cont2 Pkg Shipment # Failed:	Not reported
RAM Package Category:	Not reported
RAM Package Certification:	FALSE
RAM Package Certification #:	Not reported
RAM Nuclide(s) Present:	Not reported

55-90 47TH ST (Continued) **2013001421**

RAM Transport Index:	Not reported
RAM UOM:	Not reported
RAM Activity Rpted:	Not reported
RAM UOM Rpted:	Not reported
RAM Activity:	Not reported
RAM Activity UOM:	Not reported
RAM Material Safety Index:	Not reported
Spillage (Ind:	Yes
Fire Ind:	No
Explosion Ind:	No
Water Sewer Ind:	No
Gas Dispersion Ind:	No
Environmental Damage:	No
No Release Ind:	No
Fire/EMS Report Ind:	No
Fire EMS/EMS Report #:	Not reported
Police Report Ind:	No
Police Report #:	Not reported
In-House Cleanup Ind:	Yes
Other Cleanup Ind:	No
Damage More Than 500:	No
Material Loss:	0
Carrier Damage:	0
Property Damage:	0
Response Cost:	0
Remediation Cleanup Cost:	0
Damage Other (Old Form):	0
Total Amount of Damages:	0
HAZMAT Fatality Indicator:	No
HAZMAT Fatalities Employees:	0
HAZMAT Fatalities Responders:	0
HAZMAT Fatality Gen. Public:	0
Hazmat Fatalities (Old Form):	0
Total Hazmat Fatalities:	Not reported
Non_HAZMAT Fatality Indicator:	No
Non-HAZMAT Fatalities:	0
HAZMAT Injury Indicator:	No
HAZMAT Hospitalized Employees:	0
HAZMAT Hospitalized Responders:	0
HAZMAT Hospitalized Gen Public:	0
HAZMAT Hospitalized (Old Form):	0
Total Hazmat Hosp Injuries:	0
HAZMAT NonHosp Employees:	0
HAZMAT NonHosp Responders:	0
HAZMAT NonHosp Gen. Public:	0
HAZMAT NonHosp (Old Form):	0
Total Hazmat NonHosp Injuries:	0
Total Hazmat Injuries:	0
Evacuation Indicator:	No
Public Evacuated:	0
Employees Evacuated:	0
Total Evacuated:	0
Total Evacuation Hours:	0
Major Artery Closed:	No
Major Artery Hours Closed:	0
Material Involved in Accident:	No
Estimated Speed:	0

55-90 47TH ST (Continued) **2013001421**

Weather Conditions:	Not reported
Vehicle Overturn:	No
Vehicle Left Roadway/Track:	No
Passenger Aircraft Indicator:	No
Cargo Passenger Baggage Ind:	Not reported
Incident Occurrence:	Not reported
Shipphase Non-Transported Ind:	No
Shipphase Air First Flight Ind:	No
Shipphase Air SubFlight Ind:	No
Shipphase Init Transport Ind:	No
Shipphase Transfer Indicator:	Not reported
Contact Name:	GEORGE FETSKO
Contact Title:	SAFETY PROCESS SPECIALIST I - HAZMAT
Contact Business Name:	Fedex Ground Package System Inc.
Contact Street:	1000 Fedex Drive
Contact City:	Moon Township
Contact State:	PA
Contact Postal Code:	15108
Contact Non-US State:	Not reported
Contact Country:	US
Preparer of Incident Report:	Carrier
Description of Events:	The package was dropped in handling. Examination of the inner container revealed a ruptured seam which allowed the contents to escape. The leakage was contained. The undamaged portion of the package was repacked for return to shipper.
Recommendations/Actions Taken:	Not reported
Recommendations/Actions:	Not reported
HMIS Serious Incident Ind:	No
HMIS Serious Fatality:	No
HMIS Serious Injury:	No
HMIS Serious Flight Plan:	No
HMIS Serious Evacuations:	No
HMIS Serious Major Artery:	No
HMIS Serious Bulk Release:	No
HMIS Serious Marine Pollutant:	No
HMIS Serious Radioactive:	No
HMIS General Package Type:	OHMIR.Ref_Container.descr
HMIS Container Code:	BOX FBR
HMIS Container Description:	Not reported
HMIS Bulk Incident Indicator:	No
Undeclared Shipment:	No

A138 **HMIRS** **2000028082**
55-90 47TH ST **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 137 of 159 in cluster A

Relative: HMIRS:
Lower

Actual: Report #:	2000050962
7 ft. Site location:	55-90 47TH ST MASPETH, NY
Place of origin:	2320 W 60TH WAY MIRAMAR, FL 33023
Destination:	PLANET STEREO 7322 NORTHERN BLVD JACKSON HEIGHTS, NY 11372
Carrier ID:	92098

(Continued) **2000028082**

Carrier reporting #:	34-144-1019
Carrier:	FEDEX GROUND PACKAGE SYSTEM IN
Carrier address:	P O BOX 108 PITTSBURGH, PA 152300108
Shipper ID:	89898
Shipper name:	SELECT PRODUCTS
Shipper address:	2320 W 60TH WAY MIRAMAR, FL 33023
Shipping paper number:	024753410025612
Consignee ID:	80350
Consignee name:	PLANET STEREO
Consignee addess:	7322 NORTHERN BLVD JACKSON HEIGHTS, NY 11372
General cause:	10
Transportation mode:	4
Date:	04/25/2000
Commodity name:	ADHESIVES
Trade name:	Not reported
Amount:	4.00 GAL
Result:	Spillage
Hazard Class:	30
ID Number:	UN1133
Hazardous:	False
R.Q. met:	False
Misc. info:	100 100
Vehicle Type:	Van truck/trailer
Trans. phase:	263
Land use:	271
Community:	281
Accident/Derailment:	False
Estimated speed:	F
Highway type:	999
number of lanes:	Not reported
Number evacuated:	0
Major injuries:	0
Minor injuries:	0
Fatalities:	0
Product loss:	100
Carrier damage:	0
Pvt/Pub damage:	0
Cleanup cost:	25
Other damage:	0
Reported damage:	125
Incident damage:	0

Inner and Outer Container Information:

Container type:	PAIL MTL
Container capacity:	5. GAL
Number failed:	1
Number in shipment:	1
Container gauge:	Not reported
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER UNKNOWN, XX
Tank serial #:	Not reported
Label:	RED
Registration #:	Not reported

(Continued) **2000028082**

Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway
Contributing failure:	Burst/int. pressure
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	0
Number failed code:	0
Shipment code number:	0
Container type:	PAIL MTL
Container capacity:	5.00
Number failed:	1
Number in shipment:	1
Container gauge:	Not reported
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER UNKNOWN, XX
Tank serial #:	Not reported
Label:	RED
Registration #:	Not reported
Inspection date:	Not reported
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway
Contributing failure:	Burst/int. pressure
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	Not reported
Number failed code:	Not reported
Shipment code number:	Not reported
Container type:	BOX FBR
Container capacity:	5. GAL
Number failed:	1
Number in shipment:	1
Container gauge:	Not reported
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER UNKNOWN, XX
Tank serial #:	Not reported
Label:	RED
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway
Contributing failure:	Ripped
Affected side:	Bottom
Other contributing cause:	Package material
Capacity container code:	0
Number failed code:	0
Shipment code number:	0
Container type:	BOX FBR
Container capacity:	5.00
Number failed:	1
Number in shipment:	1
Container gauge:	Not reported

(Continued) **2000028082**

Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER UNKNOWN, XX
Tank serial #:	Not reported
Label:	RED
Registration #:	Not reported
Inspection date:	Not reported
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway
Contributing failure:	Ripped
Affected side:	Bottom
Other contributing cause:	Package material
Capacity container code:	Not reported
Number failed code:	Not reported
Shipment code number:	Not reported

Remarks:

(A) THE PAIL WAS UNLOADED WITH LEAKAGE NOTED. EXAMINATION OF THE PAIL THE PACKAGE WAS DROPPED IN HANDLING. EXAMINATION OF THE INNER CONTAINER REVEALED A RUPTURED SEAM WHICH ALLOWED THE CONTENTS TO REVEALED THE PAIL HAD A LOOSE CAP/LID AND LEAKED. THE LEAKAGE WAS CONTAINED. THE CAP/LID WAS SECURED. THE PAIL WAS REPACKED FOR RETURN TO
ESCAPE. THE LEAKAGE WAS CONTAINED. THE PACKAGE WAS REPACKED FOR RETURN TO SHIPPER.
SHIPPER. (B - C) THE PACKAGE WAS DROPPED IN HANDLING. EXAMINATION OF THE
INNER CONTAINER REVEALED A RUPTURED SEAM WHICH ALLOWED THE CONTENTS TO ESCAPE. THE LEAKAGE WAS CONTAINED. THE PACKAGE WAS REPACKED FOR RETURN
TO SHIPPER.

A139 **HMIRS** **2000027505**
55-90 47TH STREET **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 138 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:

Report #:	2000050662
Site location:	55-90 47TH STREET MASPETH, NY
Place of origin:	255 BLAIR ROAD AVENEL, NJ 07001
Destination:	SLIMS BAGELS 22118 HORACE HARDIN EXPRESSWAY FLUSHING, NY 11364
Carrier ID:	92098
Carrier reporting #:	341441019
Carrier:	FEDEX GROUND PACKAGE SYSTEM IN
Carrier address:	P O BOX 108 PITTSBURGH, PA 152300108
Shipper ID:	24649
Shipper name:	ECO-LABS INC
Shipper address:	255 BLAIR ROAD AVENEL, NJ 07001

(Continued) **2000027505**

Shipping paper number:	007184110263807
Consignee ID:	80350
Consignee name:	SLIMS BAGELS
Consignee addess:	22118 HORACE HARDIN EXPRESSWAY FLUSHING, NY 11364
General cause:	10
Transportation mode:	4
Date:	04/25/2000
Commodity name:	HYPOCHLORITE SOLUTN 5-16%
Trade name:	Not reported
Amount:	0. GAL
Result:	Spillage
Hazard Class:	80
ID Number:	UN1791
Hazardous:	False
R.Q. met:	False
Misc. info:	100 100
Vehicle Type:	Van truck/trailer
Trans. phase:	263
Land use:	271
Community:	281
Accident/Derailment:	False
Estimated speed:	F
Highway type:	999
number of lanes:	0
Number evacuated:	0
Major injuries:	0
Minor injuries:	0
Fatalities:	0
Product loss:	100
Carrier damage:	0
Pvt/Pub damage:	0
Cleanup cost:	25
Other damage:	0
Reported damage:	125
Incident damage:	0

Inner and Outer Container Information:

Container type:	1H2
Container capacity:	5. GAL
Number failed:	1
Number in shipment:	1
Container gauge:	UN1H2/Y30/S9
Manufacture's ID:	24649
Manuf. name:	ECO-LABS INC ST PAUL, MN
Tank serial #:	Not reported
Label:	WHITE
Registration #:	M2014
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Loose fitting
Contributing Object:	No object
Contributing failure:	LEAKED
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	0

(Continued) **2000027505**

Number failed code:	0
Shipment code number:	0
Container type:	1H2
Container capacity:	5.00
Number failed:	1
Number in shipment:	1
Container gauge:	UN1H2/Y30/S9
Manufacture's ID:	24649
Manuf. name:	ECO-LABS INC ST PAUL, MN
Tank serial #:	Not reported
Label:	WHITE
Registration #:	M2014
Inspection date:	Not reported
Exemption #:	Not reported
Contributing cause:	Loose fitting
Contributing Object:	No object
Contributing failure:	LEAKED
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	Not reported
Number failed code:	Not reported
Shipment code number:	Not reported

Remarks:

(A) THE PAIL WAS UNLOADED WITH LEAKAGE NOTED. EXAMINATION OF THE PAIL
THE PAIL WAS UNLOADED WITH LEAKAGE NOTED. EXAMINATION OF THE PAIL
REVEALED THE PAIL HAD A LOOSE CAP/LID AND LEAKED. THE LEAKAGE WAS
CONTAINED. THE CAP/LID WAS SECURED. THE PAIL WAS REPACKED FOR RETURN
CONTAINED. THE CAP/LID WAS SECURED. THE PAIL WAS REPACKED FOR RETURN
TO
SHIPPER. (B - C) THE PACKAGE WAS DROPPED IN HANDLING. EXAMINATION OF
THE
TO SHIPPER.
INNER CONTAINER REVEALED A RUPTURED SEAM WHICH ALLOWED THE CONTENTS TO
ESCAPE. THE LEAKAGE WAS CONTAINED. THE PACKAGE WAS REPACKED FOR
RETURN
TO SHIPPER.

A140 **DICKARD WIDDER IND-56-02 MASPETH AVE** **FINDS 1007767741**
56/02 MASPETH AVENUE **N/A**
< 1/8 **MASPETH, NY 11378**
1 ft.

Site 139 of 159 in cluster A

Relative: FINDS:
Higher Registry ID: 110019301726

Actual: Click Here:
14 ft.

Environmental Interest/Information System:
FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

A141 **55-90 47TH** **HMIRS** **2005704943**
55-90 47TH **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 140 of 159 in cluster A

Relative: HMIRS:
Lower

Actual:
7 ft.

Report #:	2005100060
System ID:	395965
Report type:	A
Incident site:	55-90 47th MASPETH, NY 11378
Incident county:	QUEENS
Incident country:	US
Incident date:	09/13/2005
Incident time:	1408
NRC report #:	0
Other fed agency reported to:	Not reported
Other agency report #:	Not reported
Incident foreign country:	Not reported
Transportation mode:	4
Transportation phase:	262
Carrier DOT ID:	265752
Carrier Hazmat ID:	062904001002M
Carrier name:	Fedex Ground Package System, Inc.
Carrier address:	1000 Fedex Drive MOON TOWNSHIP, PA 15108
Carrier country:	US
Incident consequence:	Spillage
EMS/Fire crew responded:	Not reported
EMS/Fire crew report #:	Not reported
Police responded:	Not reported
Police report #:	Not reported
In-house cleanup occurred:	True
Other cleanup occurred:	Not reported
Estimated damages exceed $500:	False
Value of material lost:	0
Value of carrier loss:	0
Value of pub/priv property loss:	0
Response cost:	0
Remediation cost:	0

Details of fatalities by vapor/fire/explosion of hazardous material:

Did Fatalities occur:	False
No. of employee fatalities:	0
No. of responder fatalities:	0
No. of public fatalities:	0

Details of fatalities not due to hazardous material:

Did fatalities occur:	Not reported
No. of dead persons:	0

Details of injuries due to hazardous material:

Did injuries occur:	False
No. of employees hospitalized:	0
No. of employees not hospitalized:	0
No. of responders hospitalized:	0
No. of responders not hospitalized:	0
No. of public hospitalized:	0
No. of public not hospitalized:	0

55-90 47TH (Continued) **2005704943**

Evacuation was required:	False
No. of employees evacuated:	0
No. of public evacuated:	0
Total number evacuated:	0
Evacuation time in hours:	0
Road/facility was closed:	False
No. of hours closed:	0
Hazmat invloved in crash/derailment:	False
Estimated speed of crash:	0
Crash weather conditions:	Not reported
Vehicle overturned:	Not reported
Did vehicle leave road/track:	Not reported
Where incident occurred/discovered:	Not reported
Shipment handling details:	Not reported

Incident report preparer details:

Preparer name:	Denise Hanchulak
Preparer title:	TSM Manager II - Safety
Hazmat registration ID:	062904001002M
Employer business name:	Fedex Ground Package System, Inc.
Address:	1000 Fedex Drive MOON TOWNSHIP, PA 15108
Country:	US
Report date:	10/18/2005
Telephone:	412-859-5056
Fax:	412-859-5045
Business type:	C
Preparer other function:	Not reported

A142 **55 - 90 47TH ST** **HMIRS** **2007427917**
55 - 90 47TH ST **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 141 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:

Report #:	2006010139
System ID:	401167
Report type:	A
Incident site:	55 - 90 47th st MASPETH, NY 11378
Incident county:	queens
Incident country:	US
Incident date:	01/13/06
Incident time:	1409
NRC report #:	0
Other fed agency reported to:	Not reported
Other agency report #:	Not reported
Incident foreign country:	Not reported
Transportation mode:	4
Transportation phase:	263
Carrier DOT ID:	265752
Carrier Hazmat ID:	062904001002M
Carrier name:	Fedex Ground Package System, Inc.
Carrier address:	1000 Fedex Drive MOON TOWNSHIP, PA 15108
Carrier country:	US
Incident consequence:	Spillage

55 - 90 47TH ST (Continued) **2007427917**

EMS/Fire crew responded:	Not reported
EMS/Fire crew report #:	Not reported
Police responded:	Not reported
Police report #:	Not reported
In-house cleanup occurred:	True
Other cleanup occurred:	Not reported
Estimated damages exceed $500:	False
Value of material lost:	0
Value of carrier loss:	0
Value of pub/priv property loss:	0
Response cost:	0
Remediation cost:	0

Details of fatalities by vapor/fire/explosion of hazardous material:

Did Fatalities occur:	False
No. of employee fatalities:	0
No. of responder fatalities:	0
No. of public fatalities:	0

Details of fatalities not due to hazardous material:

Did fatalities occur:	Not reported
No. of dead persons:	0

Details of injuries due to hazardous material:

Did injuries occur:	False
No. of employees hospitalized:	0
No. of employees not hospitalized:	0
No. of responders hospitalized:	0
No. of responders not hospitalized:	0
No. of public hospitalized:	0
No. of public not hospitalized:	0
Evacuation was required:	False
No. of employees evacuated:	0
No. of public evacuated:	0
Total number evacuated:	0
Evacuation time in hours:	0
Road/facility was closed:	False
No. of hours closed:	0
Hazmat invloved in crash/derailment:	False
Estimated speed of crash:	0
Crash weather conditions:	Not reported
Vehicle overturned:	Not reported
Did vehicle leave road/track:	Not reported
Where incident occurred/discovered:	Not reported
Shipment handling details:	Not reported

Incident report preparer details:

Preparer name:	Denise Hanchulak
Preparer title:	TSM Manager II - Safety
Hazmat registration ID:	062904001002M
Employer business name:	Fedex Ground Package System, Inc.
Address:	1000 Fedex Drive MOON TOWNSHIP, PA 15108
Country:	US
Report date:	01/19/06
Telephone:	412-859-5056
Fax:	412-859-5045
Business type:	C

55 - 90 47TH ST (Continued) **2007427917**

Preparer other function: Not reported

A143 **HMIRS** **2004090946**
55-90 47TH STREET **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 142 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:

Report #:	2004090946
Site location:	55-90 47TH STREET MASPETH, NY
Place of origin:	5960 HEISLEY RD MENTOR, OH 44060
Destination:	KINGS COUNTY 451 CLARKSON AVE BROOKLYN, NY 11203
Carrier ID:	92098
Carrier reporting #:	34-144-1019
Carrier:	FEDEX GROUND PACKAGE SYSTEM IN
Carrier address:	P O BOX 108 PITTSBURGH, PA 152300108
Shipper ID:	41781
Shipper name:	STERIS CORPORATION
Shipper address:	5960 HEISLEY RD MENTOR, OH 44060
Shipping paper number:	020224595449189
Consignee ID:	80350
Consignee name:	KINGS COUNTY
Consignee addess:	451 CLARKSON AVE BROOKLYN, NY 11203
General cause:	10
Transportation mode:	4
Date:	09/10/04
Commodity name:	CORROSIVE LIQUIDS N.O.S.
Trade name:	HYPOCHLORITE SOLUTIO
Amount:	0.02 GAL
Result:	Spillage
Hazard Class:	80
ID Number:	UN1760
Hazardous:	False
R.Q. met:	False
Misc. info:	100 100
Vehicle Type:	Van truck/trailer
Trans. phase:	262
Land use:	271
Community:	281
Accident/Derailment:	False
Estimated speed:	F
Highway type:	999
number of lanes:	0
Number evacuated:	0
Major injuries:	0
Minor injuries:	0
Fatalities:	0
Product loss:	98
Carrier damage:	0
Pvt/Pub damage:	0

(Continued) **2004090946**

Cleanup cost: 327
Other damage: 0
Reported damage: 425
Incident damage: 0

Inner and Outer Container Information:
Container type: JUG PLS
Container capacity: 1.00 GAL
Number failed: 2
Number in shipment: 4
Container gauge: Not reported
Manufacture's ID: 16222
Manuf. name: NOT REPORTED BY CARRIER
UNKNOWN, XX
Tank serial #: Not reported
Label: Not reported
Registration #: Not reported
Inspection date: 12/30/99
Exemption #: Not reported
Contributing cause: Dropped
Contributing Object: Roadway
Contributing failure: Burst/int. pressure
Affected side: Top
Other contributing cause: Closure
Capacity container code: 0
Number failed code: 0
Shipment code number: 0
Container type: BOX FBR
Container capacity: 4.00 GAL
Number failed: 1
Number in shipment: 1
Container gauge: YG/Y21.21/S0
Manufacture's ID: 41781
Manuf. name: STERIS CORPORATION
MENTOR, OH
Tank serial #: Not reported
Label: WHITE
Registration #: Not reported
Inspection date: 12/30/99
Exemption #: Not reported
Contributing cause: Dropped
Contributing Object: Roadway
Contributing failure: Ripped
Affected side: Bottom
Other contributing cause: Package material
Capacity container code: 0
Number failed code: 0
Shipment code number: 0

Remarks:

THE PACKAGE WAS DROPPED IN HANDLING. EXAMINATION OF THE INNER CONTAINER
REVEALED A RUPTURED SEAM WHICH ALLOWED THE CONTENTS TO ESCAPE. THE LEAKAGE
WAS CONTAINED. THE UNDAMAGED PORTION OF THE PACKAGE WAS REPACKED FOR RETURN TO SHIPPER.

A144 **55-90 47 TH ST** **HMIRS** **2009053284**
55-90 47 TH ST **N/A**
< 1/8 **FLUSHING, NY 11378**
1 ft.

Site 143 of 159 in cluster A

Relative: HMIRS:
Lower

Actual: Report Number:	X-2009080190
7 ft. Report Source:	XML
Multiple Rows per Incident:	No
Report Type:	A hazardous material incident
Date of Incident:	7/21/2009
Time of Incident:	600
NRC Number:	Not reported
Fed DOT Agency Name:	Not reported
Fed DOT Report #:	Not reported
Incident City:	FLUSHING
Incident County:	Queen
Incident State:	NY
Incident Zip:	11378
Incident Non-US State:	Not reported
Incident Country:	US
Incident Route:	55-90 47 th st
Mode of Transportation:	Highway
Transportation Phase:	Unloading
Carrier/Reporter Name:	FEDEX GROUND PACKAGE SYSTEM INC
Carrier/Reporter Street:	1000 FEDEX DRIVE
Carrier/Reporter City:	MOON TOWNSHIP
Carrier/Reporter State:	PA
Carrier/Reporter Zip:	15108
Carrier/Reporter Non-US State:	Not reported
Carrier/Reporter FED DOT ID:	265752
Carrier/Reporter HAZMAT ID:	062904001002M
Carrier/Reporter Country:	US
Shipper Name:	ATLANTIC PLYWOOD
Shipper Street:	75 AMOR AVE
Shipper City:	CARLSTADT
Shipper State:	NJ
Shipper Zip:	7072
Shipper Non-US State:	Not reported
Shipper Country:	US
Waybill/Shipping Paper:	568686130195435
Shipper HAZMAT Registration ID:	Not reported
Origin City:	Not reported
Origin State:	Not reported
Origin Zip:	Not reported
Origin Non-US State:	Not reported
Origin Country:	Not reported
Destination City:	BROOKLYN
Destination State:	NY
Destination Postal Code:	11228
Destination Non-US State:	Not reported
Destination Country:	US
Commodity Short Name:	PAINT OR PAINT RELATED
Commodity Long Name:	PAINT (including Paint Lacquer Enamel Stain Shellac Solutions Varnish Polish Liquid Filler and Liquid Lacquer Base) or PAINT RELATED MATERIAL (including Paint Thinning or Reducing Compound)
Technical/Trade Name:	Not reported
Identification Number:	UN1263

55-90 47 TH ST (Continued) **2009053284**

Hazardous Class Code:	3
Hazardous Class:	FLAMMABLE - COMBUSTIBLE LIQUID
Packing Group:	II
Quantity Released:	0.117188
Unit of Measure:	LGA
Unit of Measure Description:	Liquid - Gallon
HAZMAT Waste Indicator:	No
HAZMAT Waste EPA ID:	Not reported
HMIS Toxic by Inhalation:	No
TIH Hazard Zone:	Not reported
Material Shipment Approval:	No
Mat. Shipment Approval #:	Not reported
Undeclared HAZMAT Shipment:	No
Packaging Type:	Non-Bulk
What Failed Code:	109
What Failed Description:	Closure (e.g. Cap Top or Plug)
How Failed Code:	308
How Failed Description:	Leaked
Failure Cause Code:	511
Failure Cause Description:	Dropped
Identification Markings:	Not reported
Cont1 Packaging Type:	Box
Cont1 Material of Construction:	Fiberboard
Cont1 Head Type:	Not reported
Cont1 Package Capacity:	Not reported
Cont1 Package Capacity UOM:	Not reported
Cont1 Package Amount:	Not reported
Cont1 Package Amount UOM:	Not reported
Cont1 Pkg Number:	Not reported
Cont1 Pkg Shipment # Failed:	Not reported
Cont1 Package Manufacturer:	Not reported
Cont1 Pkg Manufacturer Date:	Not reported
Cont1 Package Serial Number:	Not reported
Cont1 Package Last Test Date:	Not reported
Cont1 Test Material Of Const:	Not reported
Cont1 Pkg Dsign Pressure Rpted:	Not reported
Cont1 Dsign Pressure UOM Rpted:	Not reported
Cont1 Pkg Shell Thickness Rptd:	Not reported
Cont1 Shell Thickness UOM Rptd:	Not reported
Cont1 Head Thickness Reported:	Not reported
Cont1 Head Thickness UOM Rpted:	Not reported
Cont1 Pkg Srvc Pressure Rpted:	Not reported
Cont1 Srvc Pressure UOM Rpted:	Not reported
Cont1 Valve or Device Fail Ind:	No
Cont1 Valve or Device Type:	Not reported
Cont1 Val Device Manufacturer:	Not reported
Cont1 Valve or Device Model:	Not reported
Cont2 Package Type:	Can
Cont2 Material of Construction:	Metal (any type)
Cont2 Package Capacity:	Not reported
Cont2 Capacity UOM Reported:	Not reported
Cont2 Package Amount:	Not reported
Cont2 Package Amount UOM:	Not reported
Cont2 Pkg Number in Shipment:	Not reported
Cont2 Pkg Shipment # Failed:	Not reported
RAM Package Category:	Not reported
RAM Package Certification:	Not reported

55-90 47 TH ST (Continued) **2009053284**

RAM Package Certification #:	Not reported
RAM Nuclide(s) Present:	Not reported
RAM Transport Index:	Not reported
RAM UOM:	Not reported
RAM Activity Rpted:	Not reported
RAM UOM Rpted:	Not reported
RAM Activity:	Not reported
RAM Activity UOM:	Not reported
RAM Material Safety Index:	Not reported
Spillage (Ind:	Yes
Fire Ind:	No
Explosion Ind:	No
Water Sewer Ind:	No
Gas Dispersion Ind:	No
Environmental Damage:	No
No Release Ind:	No
Fire/EMS Report Ind:	No
Fire EMS/EMS Report #:	Not reported
Police Report Ind:	No
Police Report #:	Not reported
In-House Cleanup Ind:	Yes
Other Cleanup Ind:	No
Damage More Than 500:	No
Material Loss:	0
Carrier Damage:	0
Property Damage:	0
Response Cost:	0
Remediation Cleanup Cost:	0
Damage Other (Old Form):	0
Total Amount of Damages:	0
HAZMAT Fatality Indicator:	No
HAZMAT Fatalities Employees:	0
HAZMAT Fatalities Responders:	0
HAZMAT Fatality Gen. Public:	0
Hazmat Fatalities (Old Form):	0
Total Hazmat Fatalities:	0
Non_HAZMAT Fatality Indicator:	No
Non-HAZMAT Fatalities:	0
HAZMAT Injury Indicator:	No
HAZMAT Hospitalized Employees:	0
HAZMAT Hospitalized Responders:	0
HAZMAT Hospitalized Gen Public:	0
HAZMAT Hospitalized (Old Form):	0
Total Hazmat Hosp Injuries:	0
HAZMAT NonHosp Employees:	0
HAZMAT NonHosp Responders:	0
HAZMAT NonHosp Gen. Public:	0
HAZMAT NonHosp (Old Form):	0
Total Hazmat NonHosp Injuries:	0
Total Hazmat Injuries:	0
Evacuation Indicator:	No
Public Evacuated:	0
Employees Evacuated:	0
Total Evacuated:	0
Total Evacuation Hours:	0
Major Artery Closed:	No
Major Artery Hours Closed:	0

55-90 47 TH ST (Continued) **2009053284**

Material Involved in Accident:	No
Estimated Speed:	0
Weather Conditions:	Not reported
Vehicle Overturn:	No
Vehicle Left Roadway/Track:	No
Passenger Aircraft Indicator:	No
Cargo Passenger Baggage Ind:	Not reported
Incident Occurrence:	Not reported
Shipphase Non-Transported Ind:	No
Shipphase Air First Flight Ind:	No
Shipphase Air SubFlight Ind:	No
Shipphase Init Transport Ind:	No
Shipphase Transfer Indicator:	No
Contact Name:	Travis McEwen
Contact Title:	Safety Specialist III - Hazmat
Contact Business Name:	FEDEX GROUND PACKAGE SYSTEM INC
Contact Street:	1000 FEDEX DRIVE
Contact City:	MOON TOWNSHIP
Contact State:	PA
Contact Postal Code:	15108
Contact Non-US State:	Not reported
Contact Country:	US
Preparer of Incident Report:	Carrier
Description of Events:	The package was dropped in handling. Examination of the inner container revealed a ruptured seam which allowed the contents to escape. The leakage was contained. The undamaged portion of the package was repacked for return to shipper.
Recommendations/Actions Taken:	Not reported
Recommendations/Actions:	Not reported
HMIS Serious Incident Ind:	No
HMIS Serious Fatality:	No
HMIS Serious Injury:	No
HMIS Serious Flight Plan:	No
HMIS Serious Evacuations:	No
HMIS Serious Major Artery:	No
HMIS Serious Bulk Release:	No
HMIS Serious Marine Pollutant:	No
HMIS Serious Radioactive:	No
HMIS General Package Type:	BOX FIBER
HMIS Container Code:	BOX FBR
HMIS Container Description:	Fiberboard box or carton
HMIS Bulk Incident Indicator:	No
Undeclared Shipment:	No

A145 **HMIRS** **2001010577**
55-90 47TH ST **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 144 of 159 in cluster A

Relative: HMIRS:
Lower

Report #:	2001010577
Site location:	55-90 47TH ST MASPETH, NY
Place of origin:	116 W HORTON ST ZEBULON, NC 27597
Destination:	ACE INTERGRATION HEADSTART 142 SCHAEFER ST

Actual:
7 ft.

(Continued) **2001010577**

	BROOKLYN, NY 11233
Carrier ID:	92098
Carrier reporting #:	34-144-1019
Carrier:	FEDEX GROUND PACKAGE SYSTEM IN
Carrier address:	P O BOX 108
	PITTSBURGH, PA 152300108
Shipper ID:	71551
Shipper name:	RED ROSE INC
Shipper address:	116 W HORTON ST
	ZEBULON, NC 27597
Shipping paper number:	020892130050529
Consignee ID:	80350
Consignee name:	ACE INTERGRATION HEADSTART
Consignee addess:	142 SCHAEFER ST
	BROOKLYN, NY 11233
General cause:	10
Transportation mode:	4
Date:	01/04/2001
Commodity name:	METHANOL
Trade name:	Not reported
Amount:	0.25 GAL
Result:	Spillage
Hazard Class:	30
ID Number:	UN1230
Hazardous:	False
R.Q. met:	False
Misc. info:	100 100
Vehicle Type:	Van truck/trailer
Trans. phase:	263
Land use:	271
Community:	281
Accident/Derailment:	False
Estimated speed:	F
Highway type:	999
number of lanes:	0
Number evacuated:	0
Major injuries:	0
Minor injuries:	0
Fatalities:	0
Product loss:	100
Carrier damage:	0
Pvt/Pub damage:	0
Cleanup cost:	25
Other damage:	0
Reported damage:	125
Incident damage:	0

Inner and Outer Container Information:

Container type:	JUG PLS
Container capacity:	1.00 GAL
Number failed:	1
Number in shipment:	6
Container gauge:	Not reported
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER
	UNKNOWN, XX
Tank serial #:	Not reported

(Continued) **2001010577**

Label:	Not reported
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway
Contributing failure:	Burst/int. pressure
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	0
Number failed code:	0
Shipment code number:	0
Container type:	4G
Container capacity:	6.00 GAL
Number failed:	1
Number in shipment:	1
Container gauge:	4G/Y36.5/S/0
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER UNKNOWN, XX
Tank serial #:	Not reported
Label:	RED
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Dropped
Contributing Object:	Roadway
Contributing failure:	Ripped
Affected side:	Bottom
Other contributing cause:	Package material
Capacity container code:	0
Number failed code:	0
Shipment code number:	0

Remarks:

THE PACKAGE WAS DROPPED IN HANDLING. EXAMINATION OF THE INNER CONTAINER REVEALED A RUPTURED SEAM WHICH ALLOWED THE CONTENTS TO ESCAPE. THE LEAKAGE WAS CONTAINED. THE PACKAGE WAS REPACKED FOR RETURN TO SHIPPER.

A146 **55-90 47TH ST** **HMIRS** **2007431249**
55-90 47TH ST **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 145 of 159 in cluster A

Relative: HMIRS:
Lower

Actual: Report #:	2006040091
7 ft. System ID:	406353
Report type:	A
Incident site:	55-90 47th st MASPETH, NY 11378
Incident county:	queens
Incident country:	US
Incident date:	02/07/06
Incident time:	1325
NRC report #:	0

55-90 47TH ST (Continued) **2007431249**

Other fed agency reported to:	Not reported
Other agency report #:	Not reported
Incident foreign country:	Not reported
Transportation mode:	4
Transportation phase:	262
Carrier DOT ID:	265752
Carrier Hazmat ID:	062904001002M
Carrier name:	Fedex Ground Package System, Inc.
Carrier address:	1000 Fedex Drive MOON TOWNSHIP, PA 15108
Carrier country:	US
Incident consequence:	Spillage
EMS/Fire crew responded:	Not reported
EMS/Fire crew report #:	Not reported
Police responded:	Not reported
Police report #:	Not reported
In-house cleanup occurred:	True
Other cleanup occurred:	Not reported
Estimated damages exceed $500:	False
Value of material lost:	0
Value of carrier loss:	0
Value of pub/priv property loss:	0
Response cost:	0
Remediation cost:	0

Details of fatalities by vapor/fire/explosion of hazardous material:

Did Fatalities occur:	False
No. of employee fatalities:	0
No. of responder fatalities:	0
No. of public fatalities:	0

Details of fatalities not due to hazardous material:

Did fatalities occur:	Not reported
No. of dead persons:	0

Details of injuries due to hazardous material:

Did injuries occur:	False
No. of employees hospitalized:	0
No. of employees not hospitalized:	0
No. of responders hospitalized:	0
No. of responders not hospitalized:	0
No. of public hospitalized:	0
No. of public not hospitalized:	0
Evacuation was required:	False
No. of employees evacuated:	0
No. of public evacuated:	0
Total number evacuated:	0
Evacuation time in hours:	0
Road/facility was closed:	False
No. of hours closed:	0
Hazmat invloved in crash/derailment:	False
Estimated speed of crash:	0
Crash weather conditions:	Not reported
Vehicle overturned:	Not reported
Did vehicle leave road/track:	Not reported
Where incident occurred/discovered:	Not reported
Shipment handling details:	Not reported

55-90 47TH ST (Continued) **2007431249**

Incident report preparer details:

Preparer name:	Denise Hanchulak
Preparer title:	TSM Manager II - Safety
Hazmat registration ID:	062904001002M
Employer business name:	Fedex Ground Package System, Inc.
Address:	1000 Fedex Drive
	MOON TOWNSHIP, PA 15108
Country:	US
Report date:	04/21/06
Telephone:	412-859-5056
Fax:	412-859-5045
Business type:	C
Preparer other function:	Not reported

A147 **55-90 47TH ST** **HMIRS** **2013013545**
55-90 47TH ST **N/A**
< 1/8 **MASPETH, NY 11378**
1 ft.

Site 146 of 159 in cluster A

Relative: Lower
Actual: 7 ft.

HMIRS:

Report Number:	X-2013090346
Report Source:	XML
Multiple Rows per Incident:	No
Report Type:	A hazardous material incident
Date of Incident:	2013-08-23 00:00:00
Time of Incident:	2200
NRC Number:	Not reported
Fed DOT Agency Name:	Not reported
Fed DOT Report #:	Not reported
Incident City:	Maspeth
Incident County:	QUEENS
Incident State:	NY
Incident Zip:	11378
Incident Non-US State:	Not reported
Incident Country:	US
Incident Route:	55-90 47th st
Mode of Transportation:	Highway
Transportation Phase:	LOADING
Carrier/Reporter Name:	FEDEX GROUND PACKAGE SYSTEM INC.
Carrier/Reporter Street:	1000 FED EX DR
Carrier/Reporter City:	CORAOPOLIS
Carrier/Reporter State:	Not reported
Carrier/Reporter Zip:	15108
Carrier/Reporter Non-US State:	PA
Carrier/Reporter FED DOT ID:	265752
Carrier/Reporter HAZMAT ID:	051910551007S
Carrier/Reporter Country:	UN
Shipper Name:	TALAS INC.
Shipper Street:	330 MORGAN AVE
Shipper City:	BROOKLYN
Shipper State:	Not reported
Shipper Zip:	11211
Shipper Non-US State:	NY
Shipper Country:	UNITED STATES
Waybill/Shipping Paper:	69447250087673
Shipper HAZMAT Registration ID:	Not reported

55-90 47TH ST (Continued) **2013013545**

Origin City:	BROOKLYN
Origin State:	NE
Origin Zip:	11211
Origin Non-US State:	Not reported
Origin Country:	US
Destination City:	NORTH MANCHESTER
Destination State:	IN
Destination Postal Code:	46962
Destination Non-US State:	Not reported
Destination Country:	US
Commodity Short Name:	TOLUENE
Commodity Long Name:	TOLUENE
Technical/Trade Name:	TOLUENE
Identification Number:	UN1294
Hazardous Class Code:	3
Hazardous Class:	FLAMMABLE - COMBUSTIBLE LIQUID
Packing Group:	II
Quantity Released:	0.50
Unit of Measure:	LGA
Unit of Measure Description:	Liquid - Gallon
HAZMAT Waste Indicator:	No
HAZMAT Waste EPA ID:	Not reported
HMIS Toxic by Inhalation:	No
TIH Hazard Zone:	Not reported
Material Shipment Approval:	No
Mat. Shipment Approval #:	Not reported
Undeclared HAZMAT Shipment:	No
Packaging Type:	Non-Bulk
What Failed Code:	135
What Failed Description:	Loading or Unloading Lines
How Failed Code:	303
How Failed Description:	Burst or Ruptured
Failure Cause Code:	511
Failure Cause Description:	Dropped
Identification Markings:	Not reported
Cont1 Packaging Type:	Box
Cont1 Material of Construction:	Fiberboard
Cont1 Head Type:	Not reported
Cont1 Package Capacity:	Not reported
Cont1 Package Capacity UOM:	Not reported
Cont1 Package Amount:	Not reported
Cont1 Package Amount UOM:	Not reported
Cont1 Pkg Number:	Not reported
Cont1 Pkg Shipment # Failed:	Not reported
Cont1 Package Manufacturer:	Not reported
Cont1 Pkg Manufacturer Date:	Not reported
Cont1 Package Serial Number:	Not reported
Cont1 Package Last Test Date:	Not reported
Cont1 Test Material Of Const:	Not reported
Cont1 Pkg Dsign Pressure Rpted:	Not reported
Cont1 Dsign Pressure UOM Rpted:	Not reported
Cont1 Pkg Shell Thickness Rptd:	Not reported
Cont1 Shell Thickness UOM Rptd:	Not reported
Cont1 Head Thickness Reported:	Not reported
Cont1 Head Thickness UOM Rpted:	Not reported
Cont1 Pkg Srvc Pressure Rpted:	Not reported
Cont1 Srvc Pressure UOM Rpted:	Not reported

55-90 47TH ST (Continued) **2013013545**

Cont1 Valve or Device Fail Ind:	No
Cont1 Valve or Device Type:	Not reported
Cont1 Val Device Manufacturer:	Not reported
Cont1 Valve or Device Model:	Not reported
Cont2 Package Type:	Can
Cont2 Material of Construction:	Metal (any type)
Cont2 Package Capacity:	Not reported
Cont2 Capacity UOM Reported:	Not reported
Cont2 Package Amount:	Not reported
Cont2 Package Amount UOM:	Not reported
Cont2 Pkg Number in Shipment:	Not reported
Cont2 Pkg Shipment # Failed:	Not reported
RAM Package Category:	Not reported
RAM Package Certification:	FALSE
RAM Package Certification #:	Not reported
RAM Nuclide(s) Present:	Not reported
RAM Transport Index:	Not reported
RAM UOM:	Not reported
RAM Activity Rpted:	Not reported
RAM UOM Rpted:	Not reported
RAM Activity:	Not reported
RAM Activity UOM:	Not reported
RAM Material Safety Index:	Not reported
Spillage (Ind:	Yes
Fire Ind:	No
Explosion Ind:	No
Water Sewer Ind:	No
Gas Dispersion Ind:	No
Environmental Damage:	No
No Release Ind:	No
Fire/EMS Report Ind:	No
Fire EMS/EMS Report #:	Not reported
Police Report Ind:	No
Police Report #:	Not reported
In-House Cleanup Ind:	Yes
Other Cleanup Ind:	No
Damage More Than 500:	No
Material Loss:	0
Carrier Damage:	0
Property Damage:	0
Response Cost:	0
Remediation Cleanup Cost:	0
Damage Other (Old Form):	0
Total Amount of Damages:	0
HAZMAT Fatality Indicator:	No
HAZMAT Fatalities Employees:	0
HAZMAT Fatalities Responders:	0
HAZMAT Fatality Gen. Public:	0
Hazmat Fatalities (Old Form):	0
Total Hazmat Fatalities:	Not reported
Non_HAZMAT Fatality Indicator:	No
Non-HAZMAT Fatalities:	0
HAZMAT Injury Indicator:	No
HAZMAT Hospitalized Employees:	0
HAZMAT Hospitalized Responders:	0
HAZMAT Hospitalized Gen Public:	0
HAZMAT Hospitalized (Old Form):	0

55-90 47TH ST (Continued) **2013013545**

Total Hazmat Hosp Injuries:	0
HAZMAT NonHosp Employees:	0
HAZMAT NonHosp Responders:	0
HAZMAT NonHosp Gen. Public:	0
HAZMAT NonHosp (Old Form):	0
Total Hazmat NonHosp Injuries:	0
Total Hazmat Injuries:	0
Evacuation Indicator:	No
Public Evacuated:	0
Employees Evacuated:	0
Total Evacuated:	0
Total Evacuation Hours:	0
Major Artery Closed:	No
Major Artery Hours Closed:	0
Material Involved in Accident:	No
Estimated Speed:	0
Weather Conditions:	Not reported
Vehicle Overturn:	No
Vehicle Left Roadway/Track:	No
Passenger Aircraft Indicator:	No
Cargo Passenger Baggage Ind:	Not reported
Incident Occurrence:	Not reported
Shipphase Non-Transported Ind:	No
Shipphase Air First Flight Ind:	No
Shipphase Air SubFlight Ind:	No
Shipphase Init Transport Ind:	No
Shipphase Transfer Indicator:	Not reported
Contact Name:	GEORGE FETSKO
Contact Title:	SAFETY PROCESS SPECIALIST I - HAZMAT
Contact Business Name:	Fedex Ground Package System Inc.
Contact Street:	1000 Fedex Drive
Contact City:	Moon Township
Contact State:	PA
Contact Postal Code:	15108
Contact Non-US State:	Not reported
Contact Country:	US
Preparer of Incident Report:	Carrier
Description of Events:	The package was dropped in handling. Examination of the inner container revealed a ruptured seam which allowed the contents to escape. The leakage was contained. The undamaged portion of the package was repacked for return to shipper.
Recommendations/Actions Taken:	Not reported
Recommendations/Actions:	Not reported
HMIS Serious Incident Ind:	No
HMIS Serious Fatality:	No
HMIS Serious Injury:	No
HMIS Serious Flight Plan:	No
HMIS Serious Evacuations:	No
HMIS Serious Major Artery:	No
HMIS Serious Bulk Release:	No
HMIS Serious Marine Pollutant:	No
HMIS Serious Radioactive:	No
HMIS General Package Type:	OHMIR.Ref_Container.descr
HMIS Container Code:	BOX FBR
HMIS Container Description:	Not reported
HMIS Bulk Incident Indicator:	No
Undeclared Shipment:	No

A148 **55-90 47 TH ST** **HMIRS** **2008449925**
55-90 47 TH ST **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 147 of 159 in cluster A

Relative: HMIRS:
Lower

Actual:
7 ft.

Report #:	2008040219
System ID:	449925
Report type:	A
Incident site:	55-90 47 th st maspeth, NY
Incident county:	queen
Incident country:	US
Incident date:	04/11/08
Incident time:	1209
NRC report #:	0
Other fed agency reported to:	Not reported
Other agency report #:	Not reported
Incident foreign country:	Not reported
Transportation mode:	4
Transportation phase:	263
Carrier DOT ID:	265752
Carrier Hazmat ID:	062904001002M
Carrier name:	Fedex Ground Package System, Inc.
Carrier address:	1000 Fedex Drive MOON TOWNSHIP, PA 15108
Carrier country:	US
Incident consequence:	Spillage
EMS/Fire crew responded:	Not reported
EMS/Fire crew report #:	Not reported
Police responded:	Not reported
Police report #:	Not reported
In-house cleanup occurred:	Not reported
Other cleanup occurred:	True
Estimated damages exceed $500:	False
Value of material lost:	0
Value of carrier loss:	0
Value of pub/priv property loss:	0
Response cost:	0
Remediation cost:	0

Details of fatalities by vapor/fire/explosion of hazardous material:

Did Fatalities occur:	False
No. of employee fatalities:	0
No. of responder fatalities:	0
No. of public fatalities:	0

Details of fatalities not due to hazardous material:

Did fatalities occur:	Not reported
No. of dead persons:	0

Details of injuries due to hazardous material:

Did injuries occur:	False
No. of employees hospitalized:	0
No. of employees not hospitalized:	0
No. of responders hospitalized:	0
No. of responders not hospitalized:	0
No. of public hospitalized:	0
No. of public not hospitalized:	0

55-90 47 TH ST (Continued) **2008449925**

Evacuation was required:	False
No. of employees evacuated:	0
No. of public evacuated:	0
Total number evacuated:	0
Evacuation time in hours:	0
Road/facility was closed:	False
No. of hours closed:	0
Hazmat invloved in crash/derailment:	False
Estimated speed of crash:	0
Crash weather conditions:	Not reported
Vehicle overturned:	Not reported
Did vehicle leave road/track:	Not reported
Where incident occurred/discovered:	Not reported
Shipment handling details:	Not reported

Incident report preparer details:

Preparer name:	Travis McEwen
Preparer title:	Safety Specialist III - Hazmat
Hazmat registration ID:	062904001002M
Employer business name:	Fedex Ground Package System, Inc.
Address:	1000 Fedex Drive MOON TOWNSHIP, PA 15108
Country:	US
Report date:	04/21/08
Telephone:	412-859-5061
Fax:	412-859-5045
Business type:	C
Preparer other function:	Not reported

Description of Events:

The package was dropped in handling. Examination of the inner container revealed a ruptured seam which allowed the contents to escape. The leakage was contained. The undamaged portion of the package
was repacked for return to shipper.

Shipper Details:

Shipper ID:	450125
Shipper name:	belair instrument
Address:	36 commerace st SPRINGFIELD, NJ 07081
Shipper country:	US
Hazmat papers #:	7478130140751
Shipment origin:	Not reported Not reported
Shipment origin country:	Not reported

Details of material being shipped:

Material ID:	456232
Material name:	ETHANOL (ETHYL ALCOHOL) or ETHANOL SOLUTIONS (ETHYL ALCOHOL SOLUTIONS)
UN ID:	UN1170
Hazard class code:	30
Trade name:	Not reported
Packing group:	Not reported
Amount reported released:	18.000000 Ounce(s)
Amount released:	0.140600 Ounce(s)

55-90 47 TH ST (Continued) **2008449925**

Material listed as hazardous waste: False
EPA manifest number of haz. waste: Not reported
Material listed as toxic inhalant: False
Hazard zone of toxic inhalant: Not reported
Material shipped under exemption/ approval/ Competent Authority Cert.
False
Exemption/approval/CAC number: Not reported
Undeclared Hazmat shipment: False
Package ID: 456579
Hazmat shipment destination: Not reported
BROOKLYN, NY 11214
Package type: A
Package other description: Not reported
Packaging markings: Not reported
Package code: 77
Radioactive packaging indicator: Not reported
Radioactive cert. indicator: Not reported
Radioactive cert. No: Not reported
Rad. nuclide(s) present: Not reported
Transport index: Not reported
Radioactivity indicator: Not reported
Standardized activity: Not reported
Critical safety index: Not reported
Package layer ID: 623894
Package ID: 456579
Package layer code: O
Package type for non-bulk/IBC/non-specification package
Box
Material type of non-bulk/IBC/non-specification package
Fiberboard
Head type for non-bulk/IBC/non-specification package
Not reported
Reported package capacity: 0.000000
Standardized package cap: 0.000000
Reported amount of material in pkge: 0.000000
Number of packages shipped: 0
No. of packages releasing mat.: 0
Packaging manufacturer: Not reported
Packaging manufacturing date: / /
Package serial number: Not reported
Pkge date of last testing/inspection: / /
Package construction material: Not reported
Package design pressure: 0
Package shell thickness: 0.000
Package head thickness: 0.000
Package service pressure: 0
Valve device failed: Not reported
Valve type: Not reported
Valve manufacturer: Not reported
Valve model: Not reported
Package layer ID: 623895
Package ID: 456579
Package layer code: I
Package type for non-bulk/IBC/non-specification package
Bottle
Material type of non-bulk/IBC/non-specification package
Plastic

55-90 47 TH ST (Continued) **2008449925**

Head type for non-bulk/IBC/non-specification package	Not reported
Reported package capacity:	0.000000
Standardized package cap:	0.000000
Reported amount of material in pkge:	0.000000
Number of packages shipped:	0
No. of packages releasing mat.:	0
Packaging manufacturer:	Not reported
Packaging manufacturing date:	/ /
Package serial number:	Not reported
Pkge date of last testing/inspection:	/ /
Package construction material:	Not reported
Package design pressure:	0
Package shell thickness:	0.000
Package head thickness:	0.000
Package service pressure:	0
Valve device failed:	Not reported
Valve type:	Not reported
Valve manufacturer:	Not reported
Valve model:	Not reported
Package fail ID:	522962
Fail Sequence:	1
What failed code:	109
How failed code:	304
Failure cause code:	511

A149 **55-90 47TH ST** **HMIRS** **2009054382**
55-90 47TH ST **N/A**
< 1/8 **FLUSHING, NY 11378**
1 ft.

Site 148 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:

Report Number:	X-2009070206
Report Source:	XML
Multiple Rows per Incident:	No
Report Type:	A hazardous material incident
Date of Incident:	6/22/2009
Time of Incident:	600
NRC Number:	Not reported
Fed DOT Agency Name:	Not reported
Fed DOT Report #:	Not reported
Incident City:	FLUSHING
Incident County:	Queen
Incident State:	NY
Incident Zip:	11378
Incident Non-US State:	Not reported
Incident Country:	US
Incident Route:	55-90 47th st
Mode of Transportation:	Highway
Transportation Phase:	Unloading
Carrier/Reporter Name:	FEDEX GROUND PACKAGE SYSTEM INC
Carrier/Reporter Street:	1000 FEDEX DRIVE
Carrier/Reporter City:	MOON TOWNSHIP
Carrier/Reporter State:	PA
Carrier/Reporter Zip:	15108
Carrier/Reporter Non-US State:	Not reported
Carrier/Reporter FED DOT ID:	265752

55-90 47TH ST (Continued) **2009054382**

Carrier/Reporter HAZMAT ID:	062904001002M
Carrier/Reporter Country:	US
Shipper Name:	BRK ELECTRONICS
Shipper Street:	25A SPUR DR
Shipper City:	EL PASO
Shipper State:	TX
Shipper Zip:	79906
Shipper Non-US State:	Not reported
Shipper Country:	US
Waybill/Shipping Paper:	79909930302799
Shipper HAZMAT Registration ID:	Not reported
Origin City:	Not reported
Origin State:	Not reported
Origin Zip:	Not reported
Origin Non-US State:	Not reported
Origin Country:	Not reported
Destination City:	BROOKLYN
Destination State:	NY
Destination Postal Code:	11225
Destination Non-US State:	Not reported
Destination Country:	US
Commodity Short Name:	FIRE EXTINGUISHERS
Commodity Long Name:	FIRE EXTINGUISHERS containing compressed or liquefied gas
Technical/Trade Name:	Not reported
Identification Number:	UN1044
Hazardous Class Code:	2.2
Hazardous Class:	NONFLAMMABLE COMPRESSED GAS
Packing Group:	Not reported
Quantity Released:	0.9375
Unit of Measure:	SLB
Unit of Measure Description:	Solid - Pound
HAZMAT Waste Indicator:	No
HAZMAT Waste EPA ID:	Not reported
HMIS Toxic by Inhalation:	No
TIH Hazard Zone:	Not reported
Material Shipment Approval:	No
Mat. Shipment Approval #:	Not reported
Undeclared HAZMAT Shipment:	No
Packaging Type:	Non-Bulk
What Failed Code:	103
What Failed Description:	Basic Material
How Failed Code:	308
How Failed Description:	Leaked
Failure Cause Code:	535
Failure Cause Description:	Valve Open
Identification Markings:	Not reported
Cont1 Packaging Type:	Box
Cont1 Material of Construction:	Fiberboard
Cont1 Head Type:	Not reported
Cont1 Package Capacity:	Not reported
Cont1 Package Capacity UOM:	Not reported
Cont1 Package Amount:	Not reported
Cont1 Package Amount UOM:	Not reported
Cont1 Pkg Number:	Not reported
Cont1 Pkg Shipment # Failed:	Not reported
Cont1 Package Manufacturer:	Not reported
Cont1 Pkg Manufacturer Date:	Not reported

55-90 47TH ST (Continued) **2009054382**

Cont1 Package Serial Number:	Not reported
Cont1 Package Last Test Date:	Not reported
Cont1 Test Material Of Const:	Not reported
Cont1 Pkg Dsign Pressure Rpted:	Not reported
Cont1 Dsign Pressure UOM Rpted:	Not reported
Cont1 Pkg Shell Thickness Rptd:	Not reported
Cont1 Shell Thickness UOM Rptd:	Not reported
Cont1 Head Thickness Reported:	Not reported
Cont1 Head Thickness UOM Rpted:	Not reported
Cont1 Pkg Srvc Pressure Rpted:	Not reported
Cont1 Srvc Pressure UOM Rpted:	Not reported
Cont1 Valve or Device Fail Ind:	No
Cont1 Valve or Device Type:	Not reported
Cont1 Val Device Manufacturer:	Not reported
Cont1 Valve or Device Model:	Not reported
Cont2 Package Type:	Can
Cont2 Material of Construction:	Metal (any type)
Cont2 Package Capacity:	Not reported
Cont2 Capacity UOM Reported:	Not reported
Cont2 Package Amount:	Not reported
Cont2 Package Amount UOM:	Not reported
Cont2 Pkg Number in Shipment:	Not reported
Cont2 Pkg Shipment # Failed:	Not reported
RAM Package Category:	Not reported
RAM Package Certification:	Not reported
RAM Package Certification #:	Not reported
RAM Nuclide(s) Present:	Not reported
RAM Transport Index:	Not reported
RAM UOM:	Not reported
RAM Activity Rpted:	Not reported
RAM UOM Rpted:	Not reported
RAM Activity:	Not reported
RAM Activity UOM:	Not reported
RAM Material Safety Index:	Not reported
Spillage (Ind:	Yes
Fire Ind:	No
Explosion Ind:	No
Water Sewer Ind:	No
Gas Dispersion Ind:	No
Environmental Damage:	No
No Release Ind:	No
Fire/EMS Report Ind:	No
Fire EMS/EMS Report #:	Not reported
Police Report Ind:	No
Police Report #:	Not reported
In-House Cleanup Ind:	Yes
Other Cleanup Ind:	No
Damage More Than 500:	No
Material Loss:	0
Carrier Damage:	0
Property Damage:	0
Response Cost:	0
Remediation Cleanup Cost:	0
Damage Other (Old Form):	0
Total Amount of Damages:	0
HAZMAT Fatality Indicator:	No
HAZMAT Fatalities Employees:	0

55-90 47TH ST (Continued) **2009054382**

HAZMAT Fatalities Responders:	0
HAZMAT Fatality Gen. Public:	0
Hazmat Fatalities (Old Form):	0
Total Hazmat Fatalities:	0
Non_HAZMAT Fatality Indicator:	No
Non-HAZMAT Fatalities:	0
HAZMAT Injury Indicator:	No
HAZMAT Hospitalized Employees:	0
HAZMAT Hospitalized Responders:	0
HAZMAT Hospitalized Gen Public:	0
HAZMAT Hospitalized (Old Form):	0
Total Hazmat Hosp Injuries:	0
HAZMAT NonHosp Employees:	0
HAZMAT NonHosp Responders:	0
HAZMAT NonHosp Gen. Public:	0
HAZMAT NonHosp (Old Form):	0
Total Hazmat NonHosp Injuries:	0
Total Hazmat Injuries:	0
Evacuation Indicator:	No
Public Evacuated:	0
Employees Evacuated:	0
Total Evacuated:	0
Total Evacuation Hours:	0
Major Artery Closed:	No
Major Artery Hours Closed:	0
Material Involved in Accident:	No
Estimated Speed:	0
Weather Conditions:	Not reported
Vehicle Overturn:	No
Vehicle Left Roadway/Track:	No
Passenger Aircraft Indicator:	No
Cargo Passenger Baggage Ind:	Not reported
Incident Occurrence:	Not reported
Shipphase Non-Transported Ind:	No
Shipphase Air First Flight Ind:	No
Shipphase Air SubFlight Ind:	No
Shipphase Init Transport Ind:	No
Shipphase Transfer Indicator:	No
Contact Name:	Travis McEwen
Contact Title:	Safety Specialist III - Hazmat
Contact Business Name:	FEDEX GROUND PACKAGE SYSTEM INC
Contact Street:	1000 FEDEX DRIVE
Contact City:	MOON TOWNSHIP
Contact State:	PA
Contact Postal Code:	15108
Contact Non-US State:	Not reported
Contact Country:	US
Preparer of Incident Report:	Carrier
Description of Events:	The package was unloaded with leakage noted on the box. Examination of the inner container revealed that the Fire Extinguisher(s) had a loose pin(s) with allowed leakage. The pin(s) were secured. The package was repacked for return to shipper.
Recommendations/Actions Taken:	Not reported
Recommendations/Actions:	Not reported
HMIS Serious Incident Ind:	No
HMIS Serious Fatality:	No
HMIS Serious Injury:	No

55-90 47TH ST (Continued) **2009054382**

HMIS Serious Flight Plan:	No
HMIS Serious Evacuations:	No
HMIS Serious Major Artery:	No
HMIS Serious Bulk Release:	No
HMIS Serious Marine Pollutant:	No
HMIS Serious Radioactive:	No
HMIS General Package Type:	BOX FIBER
HMIS Container Code:	BOX FBR
HMIS Container Description:	Fiberboard box or carton
HMIS Bulk Incident Indicator:	No
Undeclared Shipment:	No

A150 **HMIRS** **9999091575**

55-90 47TH STREET **N/A**

< 1/8
MASPETH, NY
1 ft.

Site 149 of 159 in cluster A

Relative:
Lower

Actual:
7 ft.

HMIRS:

Report #:	1999091575
Site location:	55-90 47TH STREET MASPETH, NY
Place of origin:	22 S 14TH STREET MANITOWOC, WI 54221
Destination:	AIRCRAFT SUPPLIES INC 1745 BATHGATE AVE UNKNOWN, NY 10457
Carrier ID:	22131
Carrier reporting #:	34-144-1019
Carrier:	ROADWAY PACKAGE SYSTEM INC
Carrier address:	P O BOX 108 PITTSBURGH, PA 15230
Shipper ID:	25572
Shipper name:	HERESITE PROTECTIVE COATINGS
Shipper address:	22 S 14TH STREET MANITOWOC, WI 54221
Shipping paper number:	9971140631945
Consignee ID:	37178
Consignee name:	AIRCRAFT SUPPLIES INC
Consignee addess:	1745 BATHGATE AVE UNKNOWN, NY 10457
General cause:	10
Transportation mode:	4
Date:	04/13/99
Commodity name:	ETHANOL
Trade name:	Not reported
Amount:	0.13 GAL
Result:	Spillage
Hazard Class:	30
ID Number:	UN1170
Hazardous:	False
R.Q. met:	False
Misc. info:	100 100
Vehicle Type:	Van truck/trailer
Trans. phase:	263
Land use:	Not reported
Community:	282
Accident/Derailment:	False

(Continued) **9999091575**

Estimated speed:	F
Highway type:	999
number of lanes:	0
Number evacuated:	0
Major injuries:	0
Minor injuries:	0
Fatalities:	0
Product loss:	100
Carrier damage:	0
Pvt/Pub damage:	0
Cleanup cost:	25
Other damage:	0
Reported damage:	125
Incident damage:	0

Inner and Outer Container Information:

Container type:	4G
Container capacity:	2.00
Number failed:	1
Number in shipment:	1
Container gauge:	4G/Y18.4/5/9
Manufacture's ID:	19353
Manuf. name:	SERVICE CONTAINER CO MILWAUKEE, WI
Tank serial #:	Not reported
Label:	RED
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	WET
Contributing Object:	Water
Contributing failure:	WET
Affected side:	Bottom
Other contributing cause:	Package material
Capacity container code:	Not reported
Number failed code:	Not reported
Shipment code number:	Not reported
Container type:	CAN MTL
Container capacity:	1.00
Number failed:	2
Number in shipment:	2
Container gauge:	Not reported
Manufacture's ID:	16222
Manuf. name:	NOT REPORTED BY CARRIER UNKNOWN, XX
Tank serial #:	Not reported
Label:	Not reported
Registration #:	Not reported
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Loose fitting
Contributing Object:	No object
Contributing failure:	LEAKED
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	Not reported
Number failed code:	Not reported

(Continued) **9999091575**

Shipment code number: Not reported

Remarks:

THE PACKAGE WAS UNLOADED WITH LEAKAGE NOTED ON THE BOX. EXAMINATION OF THE INNER CONTAINER REVEALED THAT THE CONTAINER(S) HAD A LOOSE CAP(S) AND LEAKED. THE LEAKAGE WAS CONTAINED. THE CAP(S) WERE SECURED. THE CARTON WAS WET BUT OTHERWISE UNDAMAGED. THE PACKAGE WAS REPACKED FOR RETURN TO SHIPPER.

A151 **HMIRS** **2000030762**
55-90 47TH ST **N/A**
< 1/8 **MASPETH, NY**
1 ft.

Site 150 of 159 in cluster A

Relative: **Lower**
Actual: **7 ft.**

HMIRS:

Report #:	2000060706
Site location:	55-90 47TH ST MASPETH, NY
Place of origin:	255 BLAIR ROAD AVENEL, NJ 07001
Destination:	MEGNA RESTAURANT 7414 37TH AVE JACKSON HEIGHTS, NY 11372
Carrier ID:	92098
Carrier reporting #:	34-144-1019
Carrier:	FEDEX GROUND PACKAGE SYSTEM IN
Carrier address:	P O BOX 108 PITTSBURGH, PA 152300108
Shipper ID:	24649
Shipper name:	ECO-LABS INC
Shipper address:	255 BLAIR ROAD AVENEL, NJ 07001
Shipping paper number:	007184110468011
Consignee ID:	80350
Consignee name:	MEGNA RESTAURANT
Consignee addess:	7414 37TH AVE JACKSON HEIGHTS, NY 11372
General cause:	10
Transportation mode:	4
Date:	05/30/2000
Commodity name:	HYPOCHLORITE SOLUTN 5-16%
Trade name:	Not reported
Amount:	0. GAL
Result:	Spillage
Hazard Class:	80
ID Number:	UN1791
Hazardous:	False
R.Q. met:	False
Misc. info:	100 100
Vehicle Type:	Van truck/trailer
Trans. phase:	263
Land use:	271
Community:	281
Accident/Derailment:	False
Estimated speed:	F
Highway type:	999

(Continued) **2000030762**

number of lanes:	0
Number evacuated:	0
Major injuries:	0
Minor injuries:	0
Fatalities:	0
Product loss:	100
Carrier damage:	0
Pvt/Pub damage:	0
Cleanup cost:	25
Other damage:	0
Reported damage:	125
Incident damage:	0

Inner and Outer Container Information:

Container type:	1H2
Container capacity:	5.00
Number failed:	1
Number in shipment:	1
Container gauge:	UN1H2/Y1.5/2
Manufacture's ID:	24649
Manuf. name:	ECO-LABS INC ST PAUL, MN
Tank serial #:	Not reported
Label:	WHITE
Registration #:	M2014
Inspection date:	Not reported
Exemption #:	Not reported
Contributing cause:	Loose fitting
Contributing Object:	No object
Contributing failure:	LEAKED
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	Not reported
Number failed code:	Not reported
Shipment code number:	Not reported
Container type:	1H2
Container capacity:	5. GAL
Number failed:	1
Number in shipment:	1
Container gauge:	UN1H2/Y1.5/2
Manufacture's ID:	24649
Manuf. name:	ECO-LABS INC ST PAUL, MN
Tank serial #:	Not reported
Label:	WHITE
Registration #:	M2014
Inspection date:	/ /
Exemption #:	Not reported
Contributing cause:	Loose fitting
Contributing Object:	No object
Contributing failure:	LEAKED
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	0
Number failed code:	0
Shipment code number:	0
Container type:	1H2

(Continued) **2000030762**

Container capacity:	5.00
Number failed:	1
Number in shipment:	1
Container gauge:	1H2/Y1.5/20/
Manufacture's ID:	24649
Manuf. name:	ECO-LABS INC ST PAUL, MN
Tank serial #:	Not reported
Label:	WHITE
Registration #:	M2014
Inspection date:	Not reported
Exemption #:	Not reported
Contributing cause:	Loose fitting
Contributing Object:	No object
Contributing failure:	LEAKED
Affected side:	Top
Other contributing cause:	Closure
Capacity container code:	Not reported
Number failed code:	Not reported
Shipment code number:	Not reported

Remarks:

(A - B) THE PAIL WAS UNLOADED WITH LEAKAGE NOTED. EXAMINATION OF THE PAIL
REVEALED THE PAIL HAD LOOSE CAP/LID AND LEAKED. THE LEAKAGE WAS CONTAINED.
THE CAP/LID WAS SECURED. THE PAIL WAS REPACKED FOR RETURN TO SHIPPER.

A152 **EMS SUPPORT BLDG** **NY Spills** **S109205025**
West **53-30 58TH STRET** **N/A**
< 1/8 **MASPETH, NY**
0.002 mi.
8 ft. **Site 151 of 159 in cluster A**

Relative: **Lower**

Actual: **8 ft.**

SPILLS:

Name:	EMS SUPPORT BLDG
Address:	53-30 58TH STRET
City,State,Zip:	MASPETH, NY
Spill Number/Closed Date:	0802696 / 2008-08-13
Facility ID:	0802696
Facility Type:	ER
DER Facility ID:	348201
Site ID:	398859
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	4101
Spill Date:	2008-05-29
Investigator:	hrpatel
Referred To:	Not reported
Reported to Dept:	2008-06-09
CID:	444
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False

EMS SUPPORT BLDG (Continued) **S109205025**

Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2008-06-09
Spill Record Last Update:	2008-08-13
Spiller Name:	ERICA COZZA
Spiller Company:	EMS SUPPORT BLDG
Spiller Address:	53-30 58TH STRET
Spiller Company:	001
Contact Name:	ERICA COZZA
DEC Memo:	"07/16/08-Hiralkumar Patel. DEC Steve gave spill report to me on 07/15/08 with information about property owner only. property owner: FDNY Building maintenance 48-34 35th Street Long Island City, NY 11101 contact: Joseph Mastropietro Ph. (718) 784-6510 spoke with Tom Larison at Shaw environmental. he mentioned that investigation report will be ready by next week. asked him to submit sample analytical summary table with site map (including sampling locations). received fax from Ms. Novillo with sample analyticals and unscaled/unclear site map. Shaw enrironmental removed one 15,000 gal UST and collected two sidewall (north and south) and two endpoint bottom samples. no VOC contamiantion found in samples. few SVOCs found in almost all samples. samples were taken at 12 ft depth. spoke with Ms. Novillo, who is handling project in Ms. Cozza's absence. asked her about not having east and west sidewall samples. also asked to submit complete report for review. Agustina Novillo Shaw Environmental Ph. (914) 633-9324 08/04/08-Hiralkumar Patel. left message for Tom. 08/08/08-Hiralkumar Patel. received tank closure report. abstract: - 15,000 gal #4 oil UST was abandoned - facility performs preventative maintenance and repairs for FDNY ambulances and support vehicles <-------- - UST was located in the northwest portion of the building, located inside of the building in an north-south orientation <--------- - site is approx. 25 ft above mean sea level - groundwater was not encountered during field abandonment activities - based upon the site hydrogeology, groundwater flow direction is estimated to be to the west-southwest towards the Maspeth creek <--------- - will abandoned second 15000 gal UST that is located on the east side of the UST of concren - approx. 2500 gal of #4 oil was removed by PTC; additionally 250 gal of sludge and 300 gal of oily water was removed - no pitting or holes were visible inside the tank - soil samples from the bottom and lower portion of two sidewalls were collected - UST was filled with concrete slurry - samples were taken at 12 ft bg under tank which is now abandoned in-place - no VOC contamination found in samples - SVOC contamination found in three samples at 12 ft bg 08/12/08-Hiralkumar Patel. left message for Mikhail Altshilar (718-784-6568, cell: 347-672-7169) at FDNY building maintenance. left message for Ms. Novillo at Shaw environmental. received call from Ms. Novillo. they haven't removed lines for tank that been abondoned recently. they don't know how those lines runs. 08/13/08-Hiralkumar Patel. received call from Mr. Altshilar. he mentioned that he has submitted different report to DEC Nick. discussed with Nick. he mentioned that he always forward report to project manager for that open spill case. he doesn't have report at his desk. spoke with Mr. Altshilar. he mentioned that contractor closed all lines in-place. they will abandoned second tank, which is also being used to store #4 oil, and then will install new AST. PBS #: 2-246131 as only SVOC contamination found at 12 ft bg and as there will be no change in

EMS SUPPORT BLDG (Continued) **S109205025**

property use, based on submitted tank closure report, case closed."
Remarks: "LAB RESULTS SHOWED CONTAMINATED SOIL"

All Materials:
Site ID: 398859
Operable Unit ID: 1155727
Operable Unit: 01
Material ID: 2146609
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

A153 **FDNY EMS HEADQUARTERS** **NY LTANKS** **S108467912**
West **53-30 58TH STREET** **N/A**
< 1/8 **MASPETH, NY**
0.002 mi.
8 ft. **Site 152 of 159 in cluster A**

Relative: LTANKS:
Lower
Name: FDNY EMS HEADQUARTERS
Actual: Address: 53-30 58TH STREET
8 ft. City,State,Zip: MASPETH, NY
Spill Number/Closed Date: 0613583 / 2011-01-05
Facility ID: 0613583
Site ID: 378640
Spill Date: 2007-03-19
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 4101
Investigator: bkfalvey
Referred To: Not reported
Reported to Dept: 2007-03-19
CID: 444
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: Not reported
Remediation Phase: 0
Date Entered In Computer: 2007-03-19
Spill Record Last Update: 2011-01-05
Spiller Name: JOHN
Spiller Company: FIRE DEPT
Spiller Address: 53-30 58TH STREET
Spiller County: 999
Spiller Contact: JOHN
Spiller Phone: (718) 416-7152
Spiller Extention: Not reported
DEC Region: 2

FDNY EMS HEADQUARTERS (Continued) **S108467912**

DER Facility ID: 328171
DEC Memo: "3/27/07 bf: Called joseph Mastropietro of FDNY (718)784-6510. Tank is vaulted with access. They believe failure was due to fill line piping, which is between 8 and 12 feet in length. I told him we will need documentatiuon regarding the failure cause and repair and that i will send him a lketter with the requirements of such documentation. He said we will probably see report by middle of next week. Sent ttf letter to: Joseph Mastropietro FDNY Building Maintenance 48-34 35th St. Long Island City, NY 11101 11/1/10 Sent ttf letter to: Joseph M. Mastropietro, Assistant Commissioner FDNY Building Maintenance Division 48-34 35th Street Long Island City, NY 11101 Also, provided General Counsel a request to add the requirement of documentation for closure of the spill case to the PBS consent order. bf 11/30/10 DEC received letter from Mikhail Altshiler of FDNY dated 11/24/10. He previously called me and requested clarification of what documentation is required. At this time i told General Counsel to not takwe action on the sopen spill as it appears that FDNY was cooperating in closure. 1/5/11 The 11/24/10 letter states that the tank was closed in place and was encased in a concrete vault and that no contamination was found during the closure. A letter from James Giustiniani of Empire Environmental was attached that supports the FDNY letter. bf"
Remarks: "PBS No: 2-246131 DRY LEAK ABOVE PRODUCT LEVEL"

All TTF:
Facility ID: 0613583
Spill Number: 0613583
Spill Tank Test: 1550720
Site ID: 378640
Tank Number: 1
Tank Size: 10000
Material: 0002
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 03
Test Method 2: Horner EZ Check I or II
Leak Rate: .00
Gross Fail: Not reported
Modified By: Watchdog
Last Modified Date: Not reported

All Materials:
Site ID: 378640
Operable Unit ID: 1136138
Operable Unit: 01
Material ID: 2126068
Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: G
Recovered: .00
Oxygenate: Not reported

A154 **NYC DOS QUEENS 5** **NY Spills** **S109060573**
WNW **48-01 58 ROAD** **N/A**
< 1/8 **MASPETH, NY**
0.009 mi.
47 ft. **Site 153 of 159 in cluster A**

Relative:
Higher

Actual:
9 ft.

SPILLS:

Name:	NYC DOS QUEENS 5
Address:	48-01 58 ROAD
City,State,Zip:	MASPETH, NY
Spill Number/Closed Date:	0713159 / 2014-06-03
Facility ID:	0713159
Facility Type:	ER
DER Facility ID:	344419
Site ID:	394870
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	4101
Spill Date:	2008-03-13
Investigator:	VXBREVDO
Referred To:	Not reported
Reported to Dept:	2008-03-13
CID:	444
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2008-03-13
Spill Record Last Update:	2014-06-03
Spiller Name:	NEAL GALLAGHER
Spiller Company:	NYC DOS QUEENS 5
Spiller Address:	48-01 58 ROAD
Spiller Company:	001
Contact Name:	NEAL GALLAGHER
DEC Memo:	"3/14/08 bf: Called NYCDOS. mr. Carrante not in today. Spoke to Kenny. Tank shut down. Faxed ttf to Carrante at (718)3349088. Sent ttf to: G. Carrante NYC Department of Sanitation 125 Worth St., Room 823B New York, NY 10013 4/30/08 On 4/22/08, received letter, dated 4/18/08, from Neil Gallagher of NYCDOS. Line for mechanical leak detector indicated there may be a leak. DOS contact Finley and Nicol. Line was tested and failed. Fueling shut down until repairs are made. bf 07/16/13 - Spill Case is transferred from Brian Falvey (PBS Unit) to V. Brevdo (Section B) as per DER Region 2 decision - Tank Test Failure Spill Case. VB 06/03/2014 - V. Brevdo. After discussion with Liro (consultant for the DDC) at May 29, 2014 quarterly meeting, and consistent with the request from Liro (Mr. John Proios' e-mail of 6/3/14), the following is done: This spill case 1203897 is re-assigned to V. Brevdo. Duplicating spill case 0713159 (TTF) assigned to V. Brevdo is consolidated with this spill 1203897 and spill case 0713159 is administratively closed as of June 3, 2014. V. Brevdo discussed the above course of action with Sarah Carlson on June 3, 2014. Sarah Carlson had no objection against consolidating these two spill cases and re-assignment of Spill case 1203897 to V.

NYC DOS QUEENS 5 (Continued) **S109060573**

Brevdo. Spill case 0713159 is consolidated with spill case 1203897. This spill case No. 0713159 is administratively closed effective June 3, 2014 via consolidation with spill case no. 1203897. No spill case closure letter is issued. V. Brevdo"

Remarks: "LINE TEST FAILED AT ABOVE ADDRESS:"

All Materials:

Site ID:	394870
Operable Unit ID:	1151816
Operable Unit:	01
Material ID:	2142568
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

A155 **DSNY QUEENS DISTRICT 5 GARAGE** **NY UST** **U003790793**
WNW **48-01 58TH STREET** **N/A**
< 1/8 **MASPETH, NY 11378**
0.009 mi.
47 ft. **Site 154 of 159 in cluster A**

Relative:
Higher

Actual:
9 ft.

UST:

Name:	DSNY QUEENS DISTRICT 5 GARAGE
Address:	48-01 58TH STREET
City,State,Zip:	MASPETH, NY 11378
Id/Status:	2-605736 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	04/23/2021
UTM X:	592177.55307
UTM Y:	4510303.54852
Site Type:	Municipality (Incl. Waste Water Treatment Plants, Utilities, Swimming Pools, etc.)

Affiliation Records:

Site Id:	27603
Affiliation Type:	Facility Operator
Company Name:	DSNY QUEENS DISTRICT 5 GARAGE
Contact Type:	Not reported
Contact Name:	PERCY NG
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 326-9804
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2016-11-28

Site Id: 27603

DSNY QUEENS DISTRICT 5 GARAGE (Continued) **U003790793**

Affiliation Type:	Emergency Contact
Company Name:	NYC DEPARTMENT OF SANITATION
Contact Type:	Not reported
Contact Name:	BUREAU OF CLEANING & COLLECTION
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(646) 885-5051
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MXAJOKU
Date Last Modified:	2015-11-18

Site Id:	27603
Affiliation Type:	Facility Owner
Company Name:	NYC DEPARTMENT OF SANITATION
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	125 WORTH ST., RM 823B
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10013
Country Code:	001
Phone:	(646) 885-4856
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2016-11-28

Site Id:	27603
Affiliation Type:	Mail Contact
Company Name:	NYC DEPARTMENT OF SANITATION
Contact Type:	Not reported
Contact Name:	FRANK SCARPACI
Address1:	Not reported
Address2:	125 WORTH STREET, ROOM 823 B
City:	NEW YORK
State:	NY
Zip Code:	10013
Country Code:	001
Phone:	(646) 885-4887
EMail:	FSCARPACI@DSNY.NYC.GOV
Fax Number:	Not reported
Modified By:	SJSTYK
Date Last Modified:	2018-03-23

Tank Info:

Tank Number:	001
Tank ID:	60374
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	2500

DSNY QUEENS DISTRICT 5 GARAGE (Continued) **U003790793**

Install Date: 06/28/1991
Date Tank Closed: 07/24/2012
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

G04 - Tank Secondary Containment - Double-Walled (Underground)
E00 - Piping Secondary Containment - None
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
B04 - Tank External Protection - Fiberglass
C03 - Pipe Location - Aboveground/Underground Combination
A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
D02 - Pipe Type - Galvanized Steel
J01 - Dispenser - Pressurized Dispenser
F02 - Pipe External Protection - Original Sacrificial Anode
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Number: 002
Tank ID: 60375
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 06/28/1991
Date Tank Closed: 07/24/2012
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 2710
Common Name of Substance: Biodiesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

G04 - Tank Secondary Containment - Double-Walled (Underground)
C03 - Pipe Location - Aboveground/Underground Combination
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
B04 - Tank External Protection - Fiberglass
E00 - Piping Secondary Containment - None

DSNY QUEENS DISTRICT 5 GARAGE (Continued) **U003790793**

H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
J01 - Dispenser - Pressurized Dispenser
D02 - Pipe Type - Galvanized Steel
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
F02 - Pipe External Protection - Original Sacrificial Anode
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Number:	003
Tank ID:	60376
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	1000
Install Date:	06/28/1991
Date Tank Closed:	07/24/2012
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	0010
Common Name of Substance:	Hydraulic Oil
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	NRLOMBAR
Last Modified:	04/14/2017

Equipment Records:

G04 - Tank Secondary Containment - Double-Walled (Underground)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
B04 - Tank External Protection - Fiberglass
E00 - Piping Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C03 - Pipe Location - Aboveground/Underground Combination
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
F02 - Pipe External Protection - Original Sacrificial Anode
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Number:	004
Tank ID:	60378
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	1000
Install Date:	06/28/1991
Date Tank Closed:	07/24/2012
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	0015
Common Name of Substance:	Motor Oil

DSNY QUEENS DISTRICT 5 GARAGE (Continued) **U003790793**

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

G04 - Tank Secondary Containment - Double-Walled (Underground)
J02 - Dispenser - Suction Dispenser
C03 - Pipe Location - Aboveground/Underground Combination
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
I02 - Overfill - High Level Alarm
B04 - Tank External Protection - Fiberglass
E00 - Piping Secondary Containment - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
F02 - Pipe External Protection - Original Sacrificial Anode
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Number: 005
Tank ID: 60379
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 06/28/1991
Date Tank Closed: 10/02/2012
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0010
Common Name of Substance: Hydraulic Oil

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

G04 - Tank Secondary Containment - Double-Walled (Underground)
B04 - Tank External Protection - Fiberglass
E00 - Piping Secondary Containment - None
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
C03 - Pipe Location - Aboveground/Underground Combination
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

DSNY QUEENS DISTRICT 5 GARAGE (Continued) **U003790793**

Tank Number: 006
Tank ID: 60380
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 06/28/1991
Date Tank Closed: 11/27/2012
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

G04 - Tank Secondary Containment - Double-Walled (Underground)
C02 - Pipe Location - Underground/On-ground
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
B04 - Tank External Protection - Fiberglass
E00 - Piping Secondary Containment - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
J00 - Dispenser - None
L00 - Piping Leak Detection - None

Tank Number: 007
Tank ID: 60381
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 1000
Install Date: 06/28/1991
Date Tank Closed: 11/27/2012
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

G04 - Tank Secondary Containment - Double-Walled (Underground)
C02 - Pipe Location - Underground/On-ground

DSNY QUEENS DISTRICT 5 GARAGE (Continued) **U003790793**

I02 - Overfill - High Level Alarm
E00 - Piping Secondary Containment - None
B04 - Tank External Protection - Fiberglass
K00 - Spill Prevention - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
J00 - Dispenser - None
L00 - Piping Leak Detection - None

Tank Number:	008
Tank ID:	60382
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	1000
Install Date:	06/28/1991
Date Tank Closed:	10/04/2012
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	NRLOMBAR
Last Modified:	04/14/2017

Equipment Records:

G04 - Tank Secondary Containment - Double-Walled (Underground)
L09 - Piping Leak Detection - Exempt Suction Piping
E00 - Piping Secondary Containment - None
I02 - Overfill - High Level Alarm
B04 - Tank External Protection - Fiberglass
C02 - Pipe Location - Underground/On-ground
K00 - Spill Prevention - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
F00 - Pipe External Protection - None
D02 - Pipe Type - Galvanized Steel
J00 - Dispenser - None

Tank Number:	009
Tank ID:	60383
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	1000
Install Date:	06/28/1991
Date Tank Closed:	10/04/2012
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	0022

DSNY QUEENS DISTRICT 5 GARAGE (Continued) **U003790793**

Common Name of Substance: Waste Oil/Used Oil

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

G04 - Tank Secondary Containment - Double-Walled (Underground)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
E00 - Piping Secondary Containment - None
B04 - Tank External Protection - Fiberglass
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
J00 - Dispenser - None
L00 - Piping Leak Detection - None

Tank Number: 010
Tank ID: 60384
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 2500
Install Date: 06/28/1991
Date Tank Closed: 04/30/2010
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
G00 - Tank Secondary Containment - None
I00 - Overfill - None
K01 - Spill Prevention - Catch Basin
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
B04 - Tank External Protection - Fiberglass
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
L00 - Piping Leak Detection - None

DSNY QUEENS DISTRICT 5 GARAGE (Continued) **U003790793**

Tank Number:	010A
Tank ID:	235603
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	2500
Install Date:	07/01/2010
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MRBARROW
Last Modified:	04/14/2017

Equipment Records:

G04 - Tank Secondary Containment - Double-Walled (Underground)
J02 - Dispenser - Suction Dispenser
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
C03 - Pipe Location - Aboveground/Underground Combination
F04 - Pipe External Protection - Fiberglass
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
B04 - Tank External Protection - Fiberglass
I03 - Overfill - Automatic Shut-Off
D01 - Pipe Type - Steel/Carbon Steel/Iron
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
E04 - Piping Secondary Containment - Double walled UG

Tank Number:	011
Tank ID:	227047
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	4000
Install Date:	06/28/1991
Date Tank Closed:	07/24/2012
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	2710
Common Name of Substance:	Biodiesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	NRLOMBAR
Last Modified:	04/14/2017

Equipment Records:

DSNY QUEENS DISTRICT 5 GARAGE (Continued) **U003790793**

G04 - Tank Secondary Containment - Double-Walled (Underground)
C03 - Pipe Location - Aboveground/Underground Combination
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
E00 - Piping Secondary Containment - None
B04 - Tank External Protection - Fiberglass
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
J01 - Dispenser - Pressurized Dispenser
D02 - Pipe Type - Galvanized Steel
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
F02 - Pipe External Protection - Original Sacrificial Anode
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Number:	012
Tank ID:	245684
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	4000
Install Date:	08/06/2012
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MRBARROW
Last Modified:	04/14/2017

Equipment Records:

G04 - Tank Secondary Containment - Double-Walled (Underground)
I02 - Overfill - High Level Alarm
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
K01 - Spill Prevention - Catch Basin
C02 - Pipe Location - Underground/On-ground
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
F04 - Pipe External Protection - Fiberglass
I03 - Overfill - Automatic Shut-Off
A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
E04 - Piping Secondary Containment - Double walled UG
J01 - Dispenser - Pressurized Dispenser
L07 - Piping Leak Detection - Pressurized Piping Leak Detector

Tank Number:	013
Tank ID:	245685
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	4000
Install Date:	08/06/2012

DSNY QUEENS DISTRICT 5 GARAGE (Continued) **U003790793**

Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MRBARROW
Last Modified: 04/14/2017

Equipment Records:

G04 - Tank Secondary Containment - Double-Walled (Underground)
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
K01 - Spill Prevention - Catch Basin
I02 - Overfill - High Level Alarm
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
F04 - Pipe External Protection - Fiberglass
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off
A00 - Tank Internal Protection - None
J01 - Dispenser - Pressurized Dispenser
E04 - Piping Secondary Containment - Double walled UG
L07 - Piping Leak Detection - Pressurized Piping Leak Detector

Tank Number: 014
Tank ID: 245686
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 1000
Install Date: 08/06/2012
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0015
Common Name of Substance: Motor Oil

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MRBARROW
Last Modified: 04/14/2017

Equipment Records:

G04 - Tank Secondary Containment - Double-Walled (Underground)
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
I02 - Overfill - High Level Alarm
B04 - Tank External Protection - Fiberglass
J02 - Dispenser - Suction Dispenser

DSNY QUEENS DISTRICT 5 GARAGE (Continued) **U003790793**

L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
F04 - Pipe External Protection - Fiberglass
C03 - Pipe Location - Aboveground/Underground Combination
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
E04 - Piping Secondary Containment - Double walled UG

Tank Number:	015
Tank ID:	245687
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	1000
Install Date:	08/06/2012
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	0010
Common Name of Substance:	Hydraulic Oil
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MRBARROW
Last Modified:	04/14/2017

Equipment Records:

G04 - Tank Secondary Containment - Double-Walled (Underground)
B04 - Tank External Protection - Fiberglass
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
C03 - Pipe Location - Aboveground/Underground Combination
F04 - Pipe External Protection - Fiberglass
J02 - Dispenser - Suction Dispenser
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
D01 - Pipe Type - Steel/Carbon Steel/Iron
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off
A00 - Tank Internal Protection - None
E04 - Piping Secondary Containment - Double walled UG

Tank Number:	016
Tank ID:	247816
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	1000
Install Date:	10/16/2012
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Tightness Test Method:	NN

DSNY QUEENS DISTRICT 5 GARAGE (Continued) **U003790793**

Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MRBARROW
Last Modified: 04/14/2017

Equipment Records:

G04 - Tank Secondary Containment - Double-Walled (Underground)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
B04 - Tank External Protection - Fiberglass
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
I03 - Overfill - Automatic Shut-Off
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
E04 - Piping Secondary Containment - Double walled UG
J00 - Dispenser - None

Tank Number: 017
Tank ID: 247817
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 1000
Install Date: 10/16/2012
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MRBARROW
Last Modified: 04/14/2017

Equipment Records:

G04 - Tank Secondary Containment - Double-Walled (Underground)
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
F04 - Pipe External Protection - Fiberglass
C02 - Pipe Location - Underground/On-ground
K01 - Spill Prevention - Catch Basin
I02 - Overfill - High Level Alarm
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off
A00 - Tank Internal Protection - None
E04 - Piping Secondary Containment - Double walled UG
J00 - Dispenser - None

Tank Number: 018
Tank ID: 247818
Tank Status: In Service

DSNY QUEENS DISTRICT 5 GARAGE (Continued) **U003790793**

Material Name:	In Service
Capacity Gallons:	1000
Install Date:	12/04/2012
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MRBARROW
Last Modified:	04/14/2017

Equipment Records:

G04 - Tank Secondary Containment - Double-Walled (Underground)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off
A00 - Tank Internal Protection - None
E04 - Piping Secondary Containment - Double walled UG
J00 - Dispenser - None

A156 **QUEENS DISTRICT 5/5A GARAGE** **NY Spills S103274022**
WNW **48-01 58TH RD** **NY SPDES N/A**
< 1/8 **MASPETH, NY 11378**
0.009 mi.
47 ft. **Site 155 of 159 in cluster A**

Relative:
Higher

Actual:
9 ft.

SPILLS:

Name:	QUEENS W. 5 GARAGE
Address:	48-01 58TH RD
City,State,Zip:	MASPETH, NY
Spill Number/Closed Date:	9801377 / 2003-11-03
Facility ID:	9801377
Facility Type:	ER
DER Facility ID:	137547
Site ID:	163087
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C3
SWIS:	4101
Spill Date:	1998-05-01
Investigator:	JMKRIMGO
Referred To:	Not reported
Reported to Dept:	1998-05-01
CID:	370
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False

QUEENS DISTRICT 5/5A GARAGE (Continued) **S103274022**

Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1998-05-01
Spill Record Last Update:	2003-11-03
Spiller Name:	TOM KILLEEN
Spiller Company:	NYC DEPT OF SANITATION
Spiller Address:	125 WORTH ST
Spiller Company:	001
Contact Name:	ABOVE CALLER
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was KRIMGOLD FAX TO ECS of DEP."
Remarks:	"caller believes a line malfunctioned, spilling diesel from garage into sewer - will open up and repair tomorrow morning - line now shut off"

All Materials:

Site ID:	163087
Operable Unit ID:	1059010
Operable Unit:	01
Material ID:	323318
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	QUEENS 5/5A GARAGE
Address:	48-01 58TH RD
City,State,Zip:	MASPETH, NY
Spill Number/Closed Date:	1001456 / 2015-02-06
Facility ID:	1001456
Facility Type:	ER
DER Facility ID:	137547
Site ID:	434511
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	4101
Spill Date:	2010-04-23
Investigator:	TJDEMEO
Referred To:	Not reported
Reported to Dept:	2010-05-07
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0

QUEENS DISTRICT 5/5A GARAGE (Continued) **S103274022**

Date Entered In Computer:	2010-05-07
Spill Record Last Update:	2015-02-10
Spiller Name:	Not reported
Spiller Company:	NYC DOT
Spiller Address:	125 WORTH ST
Spiller Company:	999
Contact Name:	NYC DOT -
DEC Memo:	"Cross Ref to Spill #0904484 which related to a #2 heating oil spill/tank Also cross ref spill #0713159 at the same site. 9/20/10 On 8/16/10, DEC received closure report for the fuel oil tank. Contaminated soil was found and further investigation for clean-up will be conducted by LiRo. Closure plan is in e-docs PBS#2-605736. bf 2/6/15 There is another spill at the same site (0904484). Spill transferred to T. Demeo, Spills. bf 2/6/15 TJD File review. In August 2009 a subsurface geotechnical investigation was performed in the vicinity of the failed UST to a reported depth of 26 ft bgs. In August 2010 the 2,500 gallon #2 FO tank was pumped, purged, cleaned and removed - additionally a total of 250 tons of petroleum impacted soils were excavated, transported and properly disposed. The former UST area was overexcavated to a depth of 14 ft bgs - groundewater elevation is approximately 6 ft bgs and is tidally influenced. Endpoint samples were collected from the excavation prior to backfill - analytical results reveal VOC exceedances on the east and west walls (data is summarized in Table 3 of September 2013 report). Following the tank removal and soil excavation a total of (4) groundwater monitoring wells were installed. Wells have been monitored during (3) seperate events (2/13, 10/13 & 2/14)- each monitoring event revealed some minor VOC exceedances indicating a low concentration and localized disolved phase groundwater VOC plume which is tidally influenced. Based upon the file review - no further investigation or remedial action is required. All documentation has been uploaded to DECDOCS. File review was performed for both DEC spill 0904484 & 1001456. Documentation is DECDOC'd under spill 0904484. Spill closed."
Remarks:	"readings showed gasoline elevated readings - tank had heating oil - cleanup pending - no known contact - just the organization responsible"

All Materials:

Site ID:	434511
Operable Unit ID:	1185334
Operable Unit:	01
Material ID:	2179653
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

SPDES:

Name:	QUEENS DISTRICT 5/5A GARAGE
Address:	48-01 58TH RD

QUEENS DISTRICT 5/5A GARAGE (Continued) **S103274022**

City,State,Zip:	MASPETH, NY 11378
Permit Number:	NY0200841
State-Region:	2
Expiration Date:	04/30/2023
Current Major Minor Status:	Minor
Primary Facility SIC Code:	4231
State Water Body Name:	NEWTOWN CK
Limit Set Status Flag:	Active
Total Actual Average Flow(MGD):	8.99999999
Total App Design Flow(MGD):	Not reported
UDF1:	DMR
Lat/Long:	40.727735 / 73.9216956
DMR Cognizant Official:	DENNIS SCHANNELL
UDF2:	001702
UDF3:	SD
FIPS County Code:	NY081
Non-Gov Permit Affiliation Type Desc:	Permittee
Non-Gov Permit Org Formal Name:	NYC Dept of Sanitation
Non-Gov Permit Street Address:	125 WORTH ST
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	NEW YORK
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	10013
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	NYC DEPT OF SANITATION
Non-Gov Facility Street Address:	QUEENS DISTRICT 5/5A GARAGE
Non-Gov Facility Supplemental Location:	52-53 58TH STREET, RM 401
Non-Gov Facility City:	WOODSIDE
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11377
State Water Body:	02030201020
Region Permit Processed:	F
Dow Discharge Class Code:	01
SPDES Class Description:	State Significant Industrial
Affiliation Type Description:	Public
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

A157 **DOS QUEENS 6 GARAGE** **NY LTANKS** **S103940952**
WNW **52-35 58TH STREET** **NY Spills** **N/A**
< 1/8 **MASPETH, NY**
0.009 mi.
48 ft. **Site 156 of 159 in cluster A**

Relative:
Higher

Actual:
10 ft.

LTANKS:

Name:	CENTRAL REPAIR SHOPS Q2,Q3,Q4 DOS -DDC
Address:	52-35 58TH STREET
City,State,Zip:	MASPETH, NY
Spill Number/Closed Date:	9400179 / 2003-03-10
Facility ID:	9400179
Site ID:	128073
Spill Date:	1994-04-05
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	B3
Cleanup Ceased:	Not reported

DOS QUEENS 6 GARAGE (Continued) **S103940952**

SWIS:	4101
Investigator:	KSTANG
Referred To:	Not reported
Reported to Dept:	1994-04-05
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Local Agency
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1994-04-07
Spill Record Last Update:	2005-01-12
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	271484
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TANG 10/10/95: This Is Additional Information About Material Spilled From The Translation Of The Old Spill File: Contam. Soil.03/10/2003-Closed Due To The Nature / Extent Of The Spill Report."
Remarks:	"PROBLEM W/ SUCTION LINE - LINE LEAK? WILL ISOLATE & DETERMINE LEAK IN LINE ABOVE THE TANK."

All Materials:

Site ID:	128073
Operable Unit ID:	993916
Operable Unit:	01
Material ID:	387503
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	L
Recovered:	.00
Oxygenate:	Not reported

SPILLS:

Name:	CENTRAL REPAIR SHOP Q2,Q3,Q4, DOS -DDC
Address:	52-35 58TH STREET
City,State,Zip:	MASPETH, NY
Spill Number/Closed Date:	9900878 / 2019-11-04
Facility ID:	9900878
Facility Type:	ER
DER Facility ID:	271484
Site ID:	128075
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	B3

DOS QUEENS 6 GARAGE (Continued) **S103940952**

SWIS:	4101
Spill Date:	1999-04-23
Investigator:	ADZHITOM
Referred To:	APPROVED FIELD WORK SHOULD BE IMPLEMENTED
Reported to Dept:	1999-04-23
CID:	312
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1999-04-23
Spill Record Last Update:	2019-11-04
Spiller Name:	Not reported
Spiller Company:	NYC DEPT OF SANITATION
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	VINCENT CAGGIANO
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was KOLLEENY TYREE, UNDER LIRO SUPERVISION, REMOVED 5 TANKS FROM IN FRONT OF GARAGE (ALONG 53RD AVE.). TANKS WERE THREE 550'S: TWO MOTOR OIL, ONE HOIST OIL; AND TWO 2,000-GAL USTS: ONE DIESEL AND ONE GASOLINE. SOIL AT NORTHWEST AND WEST ENDS OF EXCAVATION WAS CONTAMINATED, SMELLS LIKE DIESEL. WILL ASK DDC TO ADD SITE TO THEIR LIST, HAVE LIRO PERFORM SITE INVESTIGATION. SEE ALSO SPILL #9513871. LiRo installed and is currently operating a soil vapor extraction system to address contaminated soil at this site, monitoring groundwater. This spill transferred from Kolleeny to A. Zhitomirsky on 4/15/05. - JK 6/27/2005 Reviewed Quaterly Monitoring Report November 2004-Jauary 2005.SVE system is effectively treating soil VOCs. LiRo recommended continued operation and monitoring for SVE system. The Department concurred. AZ 7/21/2005 Reviewed Quaterly Monitoring Report February 2005-April 2005.SVE system is effectively treating soil VOCs. Soil Monitoring data show significant reductions in soil Voc levels compared to historical results. LiRo recommended continued operation and monitoring for SVE system. The Department concurred. AZ 10/21/2005 Reviewed a Monitoring Report received on September 1, 2005. The report presents monitoring data. The report states that SVE system is effectively collecting soil VOCs. A product skimmer is currently installed in well MW-3 where a layer of free product was observed during the monitoring period. The groundwater data have not shown great improvement. In order to enhance attenuation of groundwater contaminant levels, LiRo recommends installing ORC socks in five wells. LiRo recommends replacement of well MW-6 and continuing the monitoring plan at this site. The Department concurred with these proposals.AZ 1/4/2006 Reviewed a Monitoring Report received on November 29, 2005. The report presents monitoring data. The report states that SVE system is effectively collecting soil VOCs. A product skimmer is currently installed in well MW-3 where a layer of free product was observed during the monitoring period. Groundwater sampling in August 2005 showed VOC levels that were somewhat higher than the previuos samples. The groundwater data have not shown great improvement. Groundwater quality may inmprove as more

DOS QUEENS 6 GARAGE (Continued) **S103940952**

soil VOCs are removed. LiRo installed ORC socks in five wells. LiRo recommends continuing the monitoring plan at this site. AZ 4/5/2006 Reviewed Monitoring Data Report dated March 13, 2006. LiRo is no longer responsible for the site as of the end of December 2005. System was working effectively. AZ 7/18/2006 Reviewed Work Plan dated July 6, 2006, and received on July 10, 2006. The Work Plan was dicussed with Jon K. The plan cannot be approved at this point since it lacks essential information. Existing soil data must accompany the plan and must be plotted on the site map. Soil and groundwater plume maps must be included in the Work Plan. A short description of the site status and groundwater flow direction should be shown on the plan. A brief description of the remediation system, if any, current contamination levels, performed remedial activities and status of the tanks at the site should be included in the work plan. Upon submission of hard copies with this information, this work plan will be reviewed again. The information listed above has been routinely submitted by other consultants in their work plans. An e-mail with these comments was sent to Wendy Shen (Roux). AZ 12/4/2006 Reviewed Monitoring Data Report for April through June 2006 and dated August 31, 2006 by Roux. The SVE system has been successful. The observed rate of natural attenuation in gw has been slow. The total VOCs in MW-3 was 14,166 ppb. Groundwater contamination in this well should be addressed by DDC. Compared to previous sampling event in crease in total VOC concentrations was observed in MW-07 (195 ppb). On Dec. 1, 2006 I contacted Brian Morrissey (Roux) and reiterated that DEC rejected the submitted Work Plan for soil boring in July 2006. No other soil sampling plan was submitted to DEC. Brian Morrissey confirmed this fact. Roux suggested continue operating SVE system, replace spent carbon drum, reduce frequency of gauging from monthly to quarterly, attempt to repair casing in wells MW-01 and MW-02, repair the cracked covers of extraction wells EW-2and EW-3, remove ORC sock in MW-5. These recommendations were approved. A letter was sent to DEC. AZ 5/29/2007 Reviewed Monitoring Data Report for July through December 2006 and dated January 31, 2007 by Roux. SVE system had an uptime 100%. MW-03 has total VOC concentration of 11,810 ppb. A slight to a moderate increase in total VOC concentrations was observed in MW-07 between June and August 2006. Roux listed as upcoming tasks evaluation of alternative methods to remediate contaminated gw, perform quarterly sampling. Roux recommended removing MW-04 from the sampling program, replace two of the damaged and inaccessible monitoring wells in the vicinity of MW-02, MW-06 or other'hot spots . DEC approved these recommendations. AZ 5/30/2007 An e-mail was sent to DDC/Greyhawk/Roux: Roux recommended removing MW-04 from the sampling program, replace two of the damaged and inaccessible monitoring wells in the vicinity of MW-02, MW-06 or other hot spots . DEC approved these recommendations.AZ 8/9/2007 Reviewed Monitoring Data for January through March 2007 and dated June 15, 2007 by Roux. SVE system had an uptime 100%. MW-03 has total VOC concentration 6,196 ppb in groundwater. The riser pipe in EW-2 was broken. The covers of extraction well EW-03 require replacement. Additional site investigation including the replacement of monitoring wells MW-02 and MW-06 was approved by DEC on May 30, 2007. Wells MW-08, MW-09 and MW-01 were not sampled. E-mail was sent: I have reviewed Monitoring Report for the above site for the period of January through March 2007 and dated June 15, 2007. SVE system had an uptime 100%. Monitoring well MW-03 has total VOC concentration of 6,196 ppb in groundwater. The riser pipe in EW-2 was broken. The

DOS QUEENS 6 GARAGE (Continued) **S103940952**

covers of extraction well EW-03 require replacement. Repairs to these wells were requested by DEC on 12/4/2006 via e-mail. Additional site investigation plan including the replacement of monitoring wells MW-02 and MW-06 was approved by DEC on May 30, 2007 and should be performed. Wells MW-08, MW-09 and MW-01 were not sampled. Well MW-01 has cracked casing. This well should be repaired. Wells which have not been sampled should be sampled. Vacuum was not measured in a number of wells during March 2007 monitoring round. Vacuum should be measured in these wells. Ventillation wells VW-01 and VW-04 have zero vacuum readings. Vacuum should be increased in these wells. AZ 4-14-2008 E-maol was sent to Roux/Greyhawk/DDC/VB: I have reviewed Monitoring Report for the above site for the period of April - September 2007 and dated February 11, 2008. The riser pipe in EW-2 was broken and the covers of extraction well EW-03 require replacement. Repairs to these wells were requested by DEC on 12/4/2006 via e-mail and again in August 2007. However, these repairs have yet to be performed. Well MW-01 has cracked casing and should be repaired. Vacuum is insufficient in monitoring and ventilation wells. DEC requested in August 2007 that vacuum should be increased but it has not been done. Monitoring well MW-03 has total VOC concentrations of 6,160 ppb in groundwater. High VOC readings in monitoring well MW-03 should be addressed. DEC approves proposed sampling groundwater for bioremediation parameters. SVOCs could be removed from the sampling program but naphthalene sampling should be continued. AZ 4-17-2008 E-mail from Roux: I contacted Greyhawk regarding the system repairs. The work is already underway. Completion is expected by April 28, 2008. AZ 4-6-2009 An e-mail was sent to Brian Morrissey, V. Brevdo, Fatemeh Ashkan: I have reviewed a report for this site for the period of October 2007 through September 2008 and dated January 21, 2009. Roux submitted Enhanced Bioremediation Work Plan. This plan is approved. Roux recommended removing monitoring wells MW-01, MW-08, MW-09 and MW-10 from the sampling schedule. This recommendation is approved. Roux recommended removing monitoring wells MW-01, MW-08, MW-09 and MW-10 from the sampling schedule. This recommendation is approved. However, downgradient well MW-06, which was previously destroyed, should be re-installed. Roux recommended removing SVOCs from the sampling program but continue sampling for STARS VOCs including naphthalene. This proposal is approved. Most monitoring and SVE ventilation wells showed insufficient vacuum readings. As per Roux recommendations, SVE system should optimized and, if needed pulsed. Vacuum should be increased within the radius of influence. Sampling and reporting for this site should be performed quarterly. AZ 12-1-2010 An e-mail was sent to S. Frank and F. Ashkan: I have reviewed Site Turn Over Status Report submitted by LiRo. LiRo recommended replacement of downgradient well MW-06, redevelopment of monitoring wells MW-02, MW-03, and MW-04. and land survey of all wells. These recommendations are approved. LiRo should submit proposals for the site remediation to DEC. AZ 3-22-2011 Reviewed quarterly monitoring report received on 1-3-2011. The report stated that Low to moderate gw contamination remains in three wells. Bioremediation was performed at the site, however, the results were inconclusive with regard to the success of the injections. Residual soil contamination identified in 2007 in boring RXMW/RXSB-03 appears to be impacting groundwater. LiRo will continue sampling. Recommendations for further gw remediation will be determined following a review of the initial sampling data for well MW-06R. AZ 7-18-2011 An email was sent to LiRo/DDC/V.Brevdo: Dear Steve, I have

DOS QUEENS 6 GARAGE (Continued) **S103940952**

reviewed a quarterly monitoring report dated April 13, 2011. In order to define contamination present in the area of MW-03 and LBR-01, LiRo proposed the advancement of two borings. If contamination is present during drilling the borings will be converted to wells. This plan is approved. The Responsible Party and Contractors are responsible for the safe execution of the Work Plan. Also, LiRo proposed to discontinue bioremediation parameter groundwater sampling. This proposal is approved. AZ 11-2-2011 Reviewed a quarterly monitoring report dated July 28, 2011. The report reiterated proposals made in April 2011 report and approved by DEC in July 2011. AZ 6-22-2012 Reviewed monitoring report dated February 2, 2012. Residual soil contamination remains in MW-07. LiRo will implement approved work plan. AZ 7-11-2012 Reviewed monitoring report dated March 20, 2012. Petroleum impacted soil was mainly identified in the Q2 and Q4 portions of the site. Sampling indicated elevated VOCs in the vicinity of hoist oil tank at Q4. Th highest contamination was observed from 12 to 35 ft bgs. ORC sock is lodged in well RXMW--02 and will be removed via overdrilling. LiRo will implement approved work plan. An e-mail was sent to LiRo/ V. Brevdo/F. Ashkan: Dear Steve, I have reviewed a quarterly monitoring report for the period of November 2011 - January 2012. LiRo stated that based on the latest groundwater sampling results, groundwater sampling should be reduced from quarterly to semi-annual. I concur with this proposal. Sincerely, Alexander Zhitomirsky Engineering Geologist 2 NYSDEC Region 2 Division of Environmental Remediation AZ 2-4-2013 The approved additional investigation was completed in June 2012. Results will be presented in the next monitoring report. AZ 3-26-2014 Reviewed semi-annual monitoring report dated 8-12-2013. The report sated that LiRo will attempt to redevelop the wells with a pump and surge (wells MW-03, LMW-08 and LMW-09). LiRo removed approximately 62-gallons of groundwater from wells LMW-08 and LMW-09 with a whale pump. Well LMW-08 exhibited 3,696 ppb of total VOCs. AZ 9-3-2014 Reviewed semi-annual monitoring report dated 01-07-2014. LiRo will attempt to remove ORC sock from MW-02. If the sock can not be removed, the well will be replaced. If redevelopment of LMW-08 does not clear the well, low flow sampling methods will be attempted. Well LMW-08 exhibited 5.076 ppb of total VOCs. AZ 3-3-2015 An e-mail was sent to V. Brevdo and and S. Frank: Dear Steve, I have reviewed a semi-annual monitoring report for this site. In order to sufficiently monitor and delineate dissolved groundwater plume monitoring wells MW-02, MW-03 and LMW-08 should sampled and, if necessary, reinstalled. An additional groundwater monitoring well should be installed south of monitoring well LMW-08. Sincerely, Alex Zhitomirsky 7-8-2015 Four USTs were removed Soil samples were collected. No VOCs or SVOCs were reported at concentrations above CP-51 SCLs. Well MW-02 was replaced with MW-2R. AZ 4-25-2016 Reviewed semi-annual monitoring report dated 09-15-2015, for the period of January 2015 through June 2015. Well LMW-08 exhibited 2,142 ppb of total VOCs in May 2015. AZ 10-25-2016 Reviewed semi-annual monitoring report for the period of July through December 2015. Four USTs were removed in July 2014. Soil samples collected didn't exceed the standards. The total VOC concentration in the four wells ranged from 17 ppb to in well MW-07 to 6,893 ppb in LMW-08 in October 2015. An increase of VOC concentrations was reported in three of the wells in the vicinity of the Q2 facility. AZ 3-17-2017 Reviewed semi-annual monitoring report dated 8-16-2016 for the period of January through June 2016. Three additional monitoring wells were installed in May

DOS QUEENS 6 GARAGE (Continued) **S103940952**

2016. Soil samples collected didn't exceed the standards. The total VOC concentration in the four wells ranged from 8 ppb to in well MW-02 to 6,379 ppb in LMW-08 in March 2016. AZ 8-11-2017 Reviewed a semi-annual monitoring report dated 2-10-2017, for the period of July through December 2016. The total VOC concentration in the four wells ranged from 19 ppb to 198 ppb in LMW-08 in September 2016. AZ 12-19-2017 Reviewed a semi-annual monitoring report dated 8-11-2017, for the period of January through June 2017. The total VOC concentrations in the three wells ranged from 58 ppb to 511 ppb (in LMW-08) in May 2017. LiRo requested a closure of this spill. However, VOC concentrations in MW-8 fluctuate and increased from September 2016 to May 2017. I have contacted S. Frank and discussed this site over the phone. It was decided to wait for another monitoring report to see the downward VOCs trend in MW-08. AZ 9-7-2018 Reviewed a semi-annual monitoring report dated 1-12-2018, for the period of July through December 2017. The total VOC concentrations in the two wells ranged from 70 ppb to 3,014 ppb (in LMW-08). Damaged monitoring well RXMW-01 will be replaced. AZ 4-23-2019 Reviewed a semi-annual monitoring report dated 8-24-2018, for the period of January 2018 through June 2018. The total VOC concentrations in the two wells ranged from ND to 1,601 ppb (in LMW-08). Damaged monitoring well RXMW-01 was replaced in February 2018. Total soil VOC concentrations were less 50,000 ppb. AZ 9-11-2019 Reviewed a semi-annual monitoring report dated 1-23-2019, for the period of July 2018 through December 2018. During this monitoring period, a significant reduction in VOC concentrations was reported for well LMW-08. LiRo stated that the depth to groundwater was reported at a lower elevation than normal during this sampling even. AZ 10-30-2019 Reviewed a semi-annual monitoring report dated 8-23-2019, for the period of January 2019 through June 2019. During this monitoring period, the highest concentration in Site wells was 114 ppb (MW-03). Recent soil data indicates reduction to below cleanup levels in areas where were historical VOC impacts. Depth to groundwater is greater than 36' below grade. VOC concentrations in downgradient monitoring wells since at least 2017 indicate the dissolved phase VOC plume is stable and not migrating. USTs removal was conducted in 2014. Free phase hasn't been present since at least 20006. SVE system operated at the site until 2007. ORC socks were installed in wells. Bioremediation via injection of Petrozyme and CBN was performed in 2009. Groundwater results were inconclusive with regards to the success of the bioremediation program. AZ 11-4-2019 LiRo proposed closing of this spill. Based on the above information, this spill is closed. The following letter email was sent to S. Frank and V. Brevdo: Dear Mr. Frank, Based on the documentation provided to date, the New York State Department of Environmental Conservation (the Department) has closed the above-referenced spill case. All monitoring wells associated with this spill case should be properly closed in accordance with the Department's guidance document, Groundwater Monitoring Well Decommissioning Procedures . The Department hereby reserves all of its rights concerning, and such forbearance shall not extend to, any further investigation or remedial action the Department deems necessary due to: I. The off-site migration of petroleum contaminants that was unknown at the time of this closure. II. Environmental conditions related to this spill case which were unknown to the Department at the time of this closure. III. Information received, in whole or part, after the Department's spill case closure, which indicates that corrective action was not

DOS QUEENS 6 GARAGE (Continued) **S103940952**

sufficiently protective of human health and/or the environment. IV. Fraud in obtaining this spill case closure determination. As a precaution, we must bring your attention to our concerns for the future use of this site. If subsurface contamination is encountered while excavating for any construction activity, appropriate remedial and vapor mitigation efforts may need to be taken to fully prevent vapor intrusion into any site development and to ensure human health and safety. This spill closure does not exempt the Responsible Parties from compliance with any applicable laws and regulations. Please be advised that you should maintain a permanent file of all documentation and correspondence regarding this case for future use as the Department's files may not be maintained indefinitely. Sincerely, Alex Zhitomirsky - Engineering Geologist 2 NYS Department of Environmental Conservation 47-40 21st Street, Long Island City, NY 11101 Phone: 718.482.6387 - Fax: 718.482.6390 Email: alexander.zhitomirsky@dec.ny.go "

Remarks: "FOUND CONTAMINATED SOIL WHILE REMOVING 5 TANKS - 2 - 2000GAL AND 3 - 550GAL TANKS"

All Materials:

Site ID:	128075
Operable Unit ID:	1079646
Operable Unit:	01
Material ID:	307995
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	DOS QUEENS 6 GARAGE
Address:	52-35 58TH STREET
City,State,Zip:	MASPETH, NY
Spill Number/Closed Date:	0304626 / 2003-11-17
Facility ID:	0304626
Facility Type:	ER
DER Facility ID:	278097
Site ID:	128071
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	B3
SWIS:	4101
Spill Date:	2003-08-01
Investigator:	JXZHAO
Referred To:	Not reported
Reported to Dept:	2003-08-01
CID:	201
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False

DOS QUEENS 6 GARAGE (Continued) **S103940952**

UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2003-08-01
Spill Record Last Update:	2003-11-17
Spiller Name:	Not reported
Spiller Company:	NYC DEPT OF SANITATION
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	FRANK CONROY
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was ZHAO 08/01/03. On August 1, 2003 at approximately 5:20 a.m. Sanitation Garage personnel discovered a spill of ~ 600 gallons of diesel fuel. The spill occurred at NYC DOS Queens 6 Garage at 52-35 58th Street, Maspeth. Initially, the incedent was reported to the Spill Hotline at 5:44 a.m. with an unknown amount spilled. At 6:40 a.m. DOS updated the spill information and reported that about 600 gallons has been spilled. Jie Zhao responded to the incident and arrived at the site at 7:30 am. The FDNY Haz-mat unit and DEP also responded to the incident. The spill was contained by sand on the paved surface of a parking lot within the garage affecting a 100'x100' area. According to DEP, the drainage basins and adjacent sewers were not affected by this release. Based on inventory records, the actual amount of diesel spilled was 528 gallons. The cause of this incident is under investigation by DOS officials. A preliminary investigation revealed that a valve on the dispenser and nozzle handle was left open. DOS has hired the contractor All State Power Vac (888-897-8733) to perform the cleanup. About 10 tons of contaminated sand should be picked up and disposed of. Frank Conroy, Director of DOS BBM is a point of contact regarding the cleanup at (718)334-9117. YK."
Remarks:	"FUEL WAS LEAKING FROM THE PUMP NOZZEL. THE SPILL HAS BEEN STOPPED AND IS BEING CONTAINED AT THIS TIME."

All Materials:

Site ID:	128071
Operable Unit ID:	871427
Operable Unit:	01
Material ID:	505481
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	528.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	CENTRAL REPAIR SHOP Q2,Q3,Q4, DOS -DDC
Address:	52-35 58TH STREET
City,State,Zip:	MASPETH, NY
Spill Number/Closed Date:	9513871 / 2005-01-14
Facility ID:	9513871
Facility Type:	ER
DER Facility ID:	271484
Site ID:	128074
DEC Region:	2
Spill Cause:	Other

DOS QUEENS 6 GARAGE (Continued) **S103940952**

Spill Class:	B3
SWIS:	4101
Spill Date:	1996-01-31
Investigator:	JAKOLLEE
Referred To:	Not reported
Reported to Dept:	1996-01-31
CID:	252
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1996-01-31
Spill Record Last Update:	2005-01-25
Spiller Name:	PETER CASLER
Spiller Company:	NYC SANITATION DEPT
Spiller Address:	110 EAST 131ST ST
Spiller Company:	001
Contact Name:	PETER CASLER
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was KOLLEENY SEE SPILL NUMBER 9900878; SITE REMEDIATION BEING HANDLED BY LIRO. The spill is referred to spill # 9900878 and is closed in consultation with JK. - II (01/14/05)"
Remarks:	"under ground tanks with unk petroleum or waste oil have caused soil to be contaminated-still under investigation"

All Materials:

Site ID:	128074
Operable Unit ID:	1028356
Operable Unit:	01
Material ID:	357576
Material Code:	0022
Material Name:	waste oil/used oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

A158 **NYC DEPT SANITATION GARAGE** **RCRA NonGen / NLR** **1004761116**
WNW **52-35 58TH ST** **NY MANIFEST** **NYR000076083**
< 1/8 **MASPETH, NY 11378**
0.009 mi.
48 ft. **Site 157 of 159 in cluster A**

Relative: RCRA NonGen / NLR:
Higher

Date Form Received by Agency:	2007-01-01 00:00:00.0
Handler Name:	NYC DEPT SANITATION GARAGE
Handler Address:	52-35 58TH ST
Handler City,State,Zip:	MASPETH, NY 11378
EPA ID:	NYR000076083
Contact Name:	TONY CAGGIANO

Actual:
10 ft.

NYC DEPT SANITATION GARAGE (Continued) **1004761116**

Contact Address:	AERIAL WAY
Contact City,State,Zip:	SYOSSET, NY 11791
Contact Telephone:	516-938-5476
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	AERIAL WAY
Mailing City,State,Zip:	SYOSSET, NY 11791
Owner Name:	NYC DEPT OF DESIGN & CONSTRUCTION
Owner Type:	Municipal
Operator Name:	NYC DEPT OF DESIGN & CONSTRUCTION
Operator Type:	Municipal
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking

NYC DEPT SANITATION GARAGE (Continued) **1004761116**

Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NYC DEPT OF DESIGN & CONSTRUCTION
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	30-30 THOMSON AVE
Owner/Operator City,State,Zip:	LONG ISLAND CITY, NY 11101
Owner/Operator Telephone:	718-391-1062
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NYC DEPT OF DESIGN & CONSTRUCTION
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	30-30 THOMSON AVE
Owner/Operator City,State,Zip:	LONG ISLAND CITY, NY 11101
Owner/Operator Telephone:	718-391-1062
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NYC DEPT OF DESIGN & CONSTRUCTION
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	30-30 THOMSON AVE

NYC DEPT SANITATION GARAGE (Continued) **1004761116**

Owner/Operator City,State,Zip: LONG ISLAND CITY, NY 11101
Owner/Operator Telephone: 718-391-1062
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2006-01-01 00:00:00.0
Handler Name: NYC DEPT SANITATION GARAGE
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2007-01-01 00:00:00.0
Handler Name: NYC DEPT SANITATION GARAGE
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1999-09-02 00:00:00.0
Handler Name: NYC DEPT SANITATION GARAGE
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

NYC DEPT SANITATION GARAGE (Continued) **1004761116**

NY MANIFEST:

Name:	NYCDOC
Address:	52-35 58TH ST
City,State,Zip:	MASPETH, NY 11378
Country:	USA
EPA ID:	NYR000076083
Facility Status:	Not reported
Location Address 1:	58TH ST & 53RD AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	MASPETH
Location State:	NY
Location Zip:	Not reported
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYR000076083
Mailing Name:	NYCDOC
Mailing Contact:	NYCDOC
Mailing Address 1:	30-30 THOMPSON AVE
Mailing Address 2:	Not reported
Mailing City:	LONG ISLAND CITY
Mailing State:	NY
Mailing Zip:	11101
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7182743339

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	Not reported
Trans1 State ID:	NYD064748304
Trans2 State ID:	NJD080631369
Generator Ship Date:	05/25/2018
Trans1 Recv Date:	05/25/2018
Trans2 Recv Date:	06/01/2018
TSD Site Recv Date:	06/04/2018
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000076083
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD980536593
TSDF ID 2:	Not reported
Manifest Tracking Number:	009419836FLE
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported

NYC DEPT SANITATION GARAGE (Continued) **1004761116**

Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	447
Units:	P - Pounds
Number of Containers:	1
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Waste Code:	D001
Waste Code 1_2:	F003
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

A159 **NYC DEPT SANITATION GARAGE** **NJ MANIFEST** **S123565230**
WNW **52-35 58TH ST** **N/A**
< 1/8 **MASPETH, NY 11378**
0.009 mi.
48 ft. **Site 158 of 159 in cluster A**

Relative:
Higher

Actual:
10 ft.

NJ MANIFEST:

EPA Id:	NYR000076083
Mail Address:	AERIAL WAY
Mail City/State/Zip:	SYOSSET, NY 11791
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	TONY CAGGIANO
Comments:	Not reported
SIC Code:	Not reported
County:	NY081
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	009419569FLE
EPA ID:	NYR000076083
Date Shipped:	1/16/2018
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NYD064748304
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported

NYC DEPT SANITATION GARAGE (Continued) **S123565230**

Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
Generator EPA Facility Name:	DEPT OF SANITATION
Transporter-1 EPA Facility Name:	ACTION TRUCKING INC
TSDF EPA Facility Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
QTY Units:	Pounds
Transporter SEQ ID:	Not reported
Transporter-1 Date:	1/16/2018
Waste SEQ ID:	1
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	1/23/2018
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	SYOSSET, NY 11791
Reason Load Was Rejected:	Not reported

A160 **QUEENS 5** **NY Spills** **S112147904**
NNW **58-05 58 RD** **N/A**
< 1/8 **MASPETH, NY**
0.009 mi.
49 ft. **Site 159 of 159 in cluster A**

Relative:
Higher

Actual:
11 ft.

SPILLS:

Name:	QUEENS 5
Address:	58-05 58 RD
City,State,Zip:	MASPETH, NY
Spill Number/Closed Date:	1203897 / 2015-03-17
Facility ID:	1203897
Facility Type:	ER
DER Facility ID:	421076
Site ID:	466745
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	4101
Spill Date:	2012-07-20
Investigator:	VXBREVDO
Referred To:	P3 - MNA
Reported to Dept:	2012-07-20
CID:	Not reported

QUEENS 5 (Continued) **S112147904**

Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2012-07-20
Spill Record Last Update:	2015-03-17
Spiller Name:	Not reported
Spiller Company:	QUEENS 5
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	SCOTT SWANSON
DEC Memo:	"10/23/2013: Emailed response to LiRo: The Department requires that groundwater wells continue to be sampled and monitored quarterly to better assess the site conditions and determine what further action is warranted. Copied to T.DeMeo and B.Falvey for related spills. eDocs. 6/6/13-Vought-Spill transferred from Vought to Maycock as per DEC John. 6/26/2013: Letter dated 6/26/2013, requesting Remedial Investigation Work Plan sent to consultant, Ryan O'Connor of LiRo Engineers, Inc. Letter uploaded to eDocs and copied to several represenatives of the NYC Department of Design and Construction - CM 8/2/2013: Rec'd letter response to DEC 6/26/2013 letter from Steve Frank of LiRo Engineers, Inc. Investigation Summary and Remedial Plan (ISRP) to be submitted to DEC in August 2013 for Spill cases 1203897, 0904484 & 1001456. (eDOCs)- CM 10/7/2013: Rec'd hard copy of Investigation Summary and Remediation Plan from LiRo on 9/17/2013. Reviewed report and uploaded version received 9/11/2013 by email to eDocs. 4/21/14 - Carlson: Sent email to Afsar Samani (SamaniA@ddc.nyc.gov) - quarterly report overdue. Received email response from Afsar Samani. Groundwater was sampled in February 2014, quarterly report to be submitted by the end of April 2014. 5/12/14 - Carlson: Reviewed Quarterly Report dated 4/25/14. Low level VOC exceedance in MW6. MW-5 was not sampled (inaccessible). Site is directly adjacent to Newtown Creek. Report proposes installation of two additional monitoring wells - MW-09 and MW-10. Report proposes well installation in accordance with procedures detailed in the December 2010 Site Specific Investigation Plan. This report is not in our files. Emailed Afsar Samani - please resubmit 2010 Plan, electronic submittal preferred. 06/03/2014 - V. Brevdo. After discussion with Liro (consultant for the DDC) at May 29, 2014 quarterly meeting, and consistent with the request from Liro (Mr. John Proios' e-mail of 6/3/14), the following is done: This spill case 1203897 is re-assigned to V. Brevdo. Duplicating spill case 0713159 (TTF) assigned to V. Brevdo is consolidated with this spill 1203897 and spill case 0713159 is administratively closed as of June 3, 2014. V. Brevdo discussed the above course of action with Sarah Carlson on June 3, 2014. Sarah Carlson had no objection against consolidating these two spill cases and re-assignment of Spill case 1203897 to V. Brevdo. V. Brevdo 08/01/2014 - V. Brevdo Liro submitted Quartelry Monitoring Report for April-June 2014. VB 08/05/2014 - V. Brevdo Spill Case Project Summary DSNY New Queens 5 Maintenance Garage, 58-05 58th Road, Queens (Spill No. 1203897) The Site is bounded by Newtown Creek and Maspeth Creek to the west and north

QUEENS 5 (Continued) **S112147904**

respectively, 58th Road to the south, and 48th Street to the east. The Site was acquired by DSNY in 1989. Tank Area #2 where this spill occurred contained several USTs (1,000-gallon hydraulic oil, 1000-gallon motor oil, 2,500-gallon gasoline, and two 4,000-gallon diesel fuel) at the northwest corner of the garage. During the 2012 UST replacement work in Tank Area #2, the tank area soil was excavated, and approximately 750 tons of contaminated soil was removed from the site. Limited residual soil contamination remains at a depth of 6.0 feet below ground surface. In August 2013, NYCDDC and their engineering consultant (LiRo) initiated a site investigation which included the installation of four monitoring wells in the area surrounding Tank Area #2. The investigation was completed in October 2012, and was summarized in the September 6, 2013 Investigation Summary and Remedial Plan (ISRP). ISRP recommended no further action for soil and additional groundwater sampling to evaluate possibility of spill closure. Groundwater sampling was conducted on October 7, 2013. On October 23, 2013, the Department required NYCDDC to conduct quarterly groundwater monitoring to better assess site conditions and to determine if further action is warranted for Tank Area #2. Quarterly groundwater monitoring was conducted from February 11, 2014 to May 30, 2014. In July 31, 2013 Quarterly Monitoring Report LiRo reiterated conclusion that based on the previously conducted excavation work and the limited extent of residual soil contamination, no further remedial action for soil is warranted. VOC concentrations in groundwater at the site vary at moderate levels (lower than 1000 ppb) with no apparent increasing or decreasing trend. LiRo recommended continuation of quarterly groundwater monitoring and installation of two new groundwater monitoring wells downgradient of Tank Area #2 to determine the extent of the groundwater dissolved phase plume closer to Newtown Creek. There was no observation of measureable free-phase product in any of the site wells. The Department concurred with LiRo s July 31, 2014 recommendations on August 5, 2014. VB 11/14/2014 - V. Brevdo LiRo submitted the November 13, 2014 Quarterly Monitoring Report Containing Recommendations/Proposals. The Department approved Recommendations/Proposals contined in the report and issued approval letter to that effect. Spill Case Project Summary: DSNY New Queens 5 Maintenance Garage, 58-05 58th Road, Queens (Spill No. 1203897) The Site is bounded by Newtown Creek and Maspeth Creek to the west and north respectively, 58th Road to the south, and 48th Street to the east. The Site was acquired by DSNY in 1989. Tank Area #2 where this spill occurred contained several USTs (1,000-gallon hydraulic oil, 1000-gallon motor oil, 2,500-gallon gasoline, and two 4,000-gallon diesel fuel) at the northwest corner of the garage. During the 2012 UST replacement work in Tank Area #2, the tank area soil was excavated, and approximately 750 tons of contaminated soil was removed from the site. Limited residual soil contamination remains at a depth of 6.0 feet below ground surface. In August 2012, NYCDDC and their engineering consultant (LiRo) initiated a site investigation which included the installation of four monitoring wells in the area surrounding Tank Area #2. The investigation was completed in October 2012, and was summarized in the September 6, 2013 Investigation Summary and Remedial Plan (ISRP). ISRP recommended no further action for soil and additional groundwater sampling to evaluate possibility of spill closure. Groundwater sampling was conducted on October 7, 2013. On October 23, 2013, the Department required NYCDDC to conduct quarterly groundwater monitoring to better assess site conditions and

QUEENS 5 (Continued) **S112147904**

to determine if further action is warranted for Tank Area #2. Quarterly groundwater monitoring was conducted from February 11, 2014 to September 5, 2014. On November 13, 2014, Liro submitted Quarterly Monitoring Report for the period from July 2014 to September 2014. In the November 13, 2014 Quarterly Monitoring Report LiRo reiterated conclusion that based on the previously conducted excavation work and the limited extent of residual soil contamination, no further remedial action for soil is warranted. VOC concentrations in groundwater at the site vary at moderate levels (between 100 ppb to 1,350 ppb) with no apparent increasing or decreasing trend. LiRo recommended no further action (NFA) for soil at the Site and monitored natural attenuation (MNA) for a period of one (1) year, as the groundwater remedial alternative at the Site. Should groundwater VOCs continue showing downward trend after one year of MNA, LiRo will petition the Department for closure of this spill case. Should groundwater VOCs show increasing trend after one year of MNA, LiRo will evaluate and propose active (i.e. groundwater pump and treat) or in-situ (i.e. in-situ chemical oxidation) remedial alternative. The Department approved LiRo s recommendations / proposals on November 14, 2014. V.B. 03/17/2015 - V. Brevdo Current Project Status and Spill Case Closure Decision. DSNY New Queens 5 Maintenance Garage, 58-05 58th Road, Queens (Spill No. 1203897) The Site is bounded by Newtown Creek and Maspeth Creek to the west and north respectively, 58th Road to the south, and 48th Street to the east. The Site was acquired by DSNY in 1989. Tank Area #2 where this spill occurred contained several USTs (1,000-gallon hydraulic oil, 1000-gallon motor oil, 2,500-gallon gasoline, and two 4,000-gallon diesel fuel) at the northwest corner of the garage. During the 2012 UST replacement work in Tank Area #2, the tank area soil was excavated, and approximately 750 tons of contaminated soil was removed from the site. Limited residual soil contamination remains at a depth of 6.0 feet below ground surface. In August 2012, NYCDDC and their engineering consultant (LiRo) initiated a site investigation which included the installation of four monitoring wells in the area surrounding Tank Area #2. The investigation was completed in October 2012, and was summarized in the September 6, 2013 Investigation Summary and Remedial Plan (ISRP). ISRP recommended no further action for soil and additional groundwater sampling to evaluate possibility of spill closure. Groundwater sampling was conducted on October 7, 2013. On October 23, 2013, the Department required NYCDDC to conduct quarterly groundwater monitoring to better assess site conditions and to determine if further action is warranted for Tank Area #2. Quarterly groundwater monitoring was conducted from February 2014 to November 2014. On March 13, 2015, LiRo submitted Quarterly Monitoring Report for the period from October 2014 to December 2014. In the March 13, 2015 Quarterly Monitoring Report LiRo reiterated conclusion that based on the previously conducted excavation work and the limited extent of residual soil contamination, no further remedial action for soil is warranted. VOC concentrations in the groundwater at the site have shown declining trend from moderate levels in February 2014 (between 100 ppb to 1,350 ppb) to low levels (between Non-Detect to 24 ppb) in November 2014. SVOCS have declined to Non-Detect levels. Based on the analysis and conclusions contained in the March 13, 2015 report, LiRo recommended closure of this spill case. The Department concurs with Liro s analysis and recommendations, and closed spill case on March 17, 2015. VB"

Remarks: "tank pulls/loss of product"

QUEENS 5 (Continued) **S112147904**

All Materials:
- Site ID: 466745
- Operable Unit ID: 1216728
- Operable Unit: 01
- Material ID: 2214942
- Material Code: 0066A
- Material Name: unknown petroleum
- Case No.: Not reported
- Material FA: Petroleum
- Quantity: Not reported
- Units: G
- Recovered: Not reported
- Oxygenate: Not reported

B161 **PERFECT ART (OLD OWNER)** **NY UST** **U003312860**
NE **58-29 48TH STREET** **N/A**
< 1/8 **MASPETH, NY 11378**
0.017 mi.
88 ft. **Site 1 of 7 in cluster B**

Relative: **Higher**
Actual: **14 ft.**

UST:
- Name: PERFECT ART (OLD OWNER)
- Address: 58-29 48TH STREET
- City,State,Zip: MASPETH, NY 11378
- Id/Status: 2-603016 / Unregulated/Closed
- Program Type: PBS
- Region: STATE
- DEC Region: 2
- Expiration Date: N/A
- UTM X: 591042.51312
- UTM Y: 4508389.23345
- Site Type: Manufacturing (Other than Chemical)/Processing

Affiliation Records:
- Site Id: 24971
- Affiliation Type: Mail Contact
- Company Name: FATE REALTY CORP.
- Contact Type: Not reported
- Contact Name: PAUL FUNG
- Address1: 58-29 48TH STREET
- Address2: Not reported
- City: MASPETH
- State: NY
- Zip Code: 11378
- Country Code: 001
- Phone: (718) 326-1699
- EMail: Not reported
- Fax Number: Not reported
- Modified By: DMMOLOUG
- Date Last Modified: 2013-07-15

- Site Id: 24971
- Affiliation Type: Facility Operator
- Company Name: PERFECT ART (OLD OWNER)
- Contact Type: Not reported
- Contact Name: FATE REALTY CORP (NEW OWNER)
- Address1: Not reported

PERFECT ART (OLD OWNER) (Continued) **U003312860**

Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 326-1699
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DMMOLOUG
Date Last Modified:	2013-07-15

Site Id:	24971
Affiliation Type:	Emergency Contact
Company Name:	FATE REALTY CORP.
Contact Type:	Not reported
Contact Name:	NONE LISTED
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	Not reported
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DMMOLOUG
Date Last Modified:	2013-07-15

Site Id:	24971
Affiliation Type:	Facility Owner
Company Name:	FATE REALTY CORP.
Contact Type:	PRESIDENT
Contact Name:	FATE REALTY CORP
Address1:	58-29 48TH STREET
Address2:	Not reported
City:	MASPETH
State:	NY
Zip Code:	11378
Country Code:	001
Phone:	(718) 326-1699
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DMMOLOUG
Date Last Modified:	2013-07-15

Tank Info:

Tank Number:	001
Tank ID:	52674
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	3000
Install Date:	06/01/1963
Date Tank Closed:	04/11/2012
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel

PERFECT ART (OLD OWNER) (Continued) **U003312860**

Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	21
Date Test:	03/29/2004
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	DMMOLOUG
Last Modified:	04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
I00 - Overfill - None
L09 - Piping Leak Detection - Exempt Suction Piping
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
C03 - Pipe Location - Aboveground/Underground Combination
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

C162 **SPILL NUMBER 9608406** **NY Spills** **S106702064**
West **MASPETH AVE & NEWTON CK** **N/A**
< 1/8 **BROOKLYN, NY**
0.020 mi.
105 ft. **Site 1 of 4 in cluster C**

Relative: SPILLS:
Lower

Actual:
0 ft.

Name:	SPILL NUMBER 9608406
Address:	MASPETH AVE & NEWTON CK
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9608406 / 1997-12-31
Facility ID:	9608406
Facility Type:	ER
DER Facility ID:	176139
Site ID:	212615
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C3
SWIS:	2401
Spill Date:	1996-10-07
Investigator:	MMMULQUE
Referred To:	Not reported
Reported to Dept:	1996-10-07
CID:	322
Water Affected:	NEWTON CREEK
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	DEC
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1996-10-07
Spill Record Last Update:	2003-09-19
Spiller Name:	Not reported

SPILL NUMBER 9608406 (Continued) **S106702064**

Spiller Company:	UNK
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MULQUEEN "
Remarks:	"inspected newton creek and found emulsified oil discharging along south side traced back to maspeth ave outfill - dep & uscg to be notified "

All Materials:

Site ID:	212615
Operable Unit ID:	1039449
Operable Unit:	01
Material ID:	344143
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

B163 **CANOVER INDASTIES , INC** **NY UST** **U002034247**
NE **57-85 48TH ST** **N/A**
< 1/8 **MASPETH, NY 11378**
0.020 mi.
106 ft. **Site 2 of 7 in cluster B**

Relative: Higher
Actual: 15 ft.

UST:

Name:	CANOVER INDASTIES , INC
Address:	57-85 48TH ST
City,State,Zip:	MASPETH, NY 11378
Id/Status:	2-601899 / Inactive
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	591070.33983
UTM Y:	4508448.19568
Site Type:	Unknown

Affiliation Records:

Site Id:	23861
Affiliation Type:	Facility Operator
Company Name:	CANOVER INDUSTRIES, INC.
Contact Type:	Not reported
Contact Name:	CANOVER INDUSTRIES, INC.
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 456-8900
EMail:	Not reported
Fax Number:	Not reported

CANOVER INDASTIES , INC (Continued) **U002034247**

Modified By:	TRANSLAT
Date Last Modified:	2004-03-04
Site Id:	23861
Affiliation Type:	Emergency Contact
Company Name:	VAN DAM REALTY CO.
Contact Type:	Not reported
Contact Name:	DAN SFORZA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 326-3134
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04
Site Id:	23861
Affiliation Type:	Facility Owner
Company Name:	VAN DAM REALTY CO.
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	57-65 48TH ST
Address2:	Not reported
City:	MASPETH
State:	NY
Zip Code:	11378
Country Code:	001
Phone:	(718) 456-8900
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04
Site Id:	23861
Affiliation Type:	Mail Contact
Company Name:	VAN DAM REALTY CO.
Contact Type:	Not reported
Contact Name:	HENRY EISENBERG
Address1:	57-65 48TH ST
Address2:	Not reported
City:	MASPETH
State:	NY
Zip Code:	11378
Country Code:	001
Phone:	(718) 456-8900
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	001

CANOVER INDASTIES , INC (Continued) **U002034247**

Tank ID:	48235
Tank Status:	Tank Converted to Non-Regulated Use
Material Name:	Tank Converted to Non-Regulated Use
Capacity Gallons:	2500
Install Date:	Not reported
Date Tank Closed:	01/23/2001
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	21
Date Test:	06/07/1999
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

C01 - Pipe Location - Aboveground
D00 - Pipe Type - No Piping
F00 - Pipe External Protection - None
B02 - Tank External Protection - Original Sacrificial Anode
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
I02 - Overfill - High Level Alarm
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None

B164 **DSNY QUEENS DISTRICT 5A GARAGE** **NY UST** **U003790792**
NE **58-02 48TH STREET** **N/A**
< 1/8 **MASPETH, NY 11378**
0.021 mi.
110 ft. **Site 3 of 7 in cluster B**

Relative:
Higher

Actual:
14 ft.

UST:

Name:	DSNY QUEENS DISTRICT 5A GARAGE
Address:	58-02 48TH STREET
City,State,Zip:	MASPETH, NY 11378
Id/Status:	2-605735 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	04/23/2021
UTM X:	591017.26388
UTM Y:	4508299.01210
Site Type:	Municipality (Incl. Waste Water Treatment Plants, Utilities, Swimming Pools, etc.)

Affiliation Records:

Site Id:	27602
Affiliation Type:	Facility Operator
Company Name:	DSNY QUEENS DISTRICT 5A GARAGE
Contact Type:	Not reported
Contact Name:	JASON VAZQUEZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported

DSNY QUEENS DISTRICT 5A GARAGE (Continued) **U003790792**

State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 497-6244
EMail: Not reported
Fax Number: Not reported
Modified By: DAFRANCI
Date Last Modified: 2018-08-28

Site Id: 27602
Affiliation Type: Facility Owner
Company Name: NYC DEPARTMENT OF SANITATION
Contact Type: Not reported
Contact Name: Not reported
Address1: 125 WORTH ST., RM 823 B
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10013
Country Code: 001
Phone: (646) 885-4856
EMail: Not reported
Fax Number: Not reported
Modified By: DAFRANCI
Date Last Modified: 2016-11-09

Site Id: 27602
Affiliation Type: Mail Contact
Company Name: NYC DEPT. OF SANITATION
Contact Type: Not reported
Contact Name: A/C G. CARANNANTE
Address1: Not reported
Address2: 125 WORTH STREET, ROOM 823 B
City: NEW YORK
State: NY
Zip Code: 10013
Country Code: 001
Phone: (646) 885-4887
EMail: FSCARPACI@DSNY.NYC.GOV
Fax Number: Not reported
Modified By: SJSTYK
Date Last Modified: 2018-03-23

Site Id: 27602
Affiliation Type: Emergency Contact
Company Name: NYC DEPARTMENT OF SANITATION
Contact Type: Not reported
Contact Name: BUREAU OF CLEANING & COLLECTION
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (646) 885-5051
EMail: Not reported
Fax Number: Not reported

DSNY QUEENS DISTRICT 5A GARAGE (Continued) **U003790792**

Modified By: MXAJOKU
Date Last Modified: 2015-11-18

Tank Info:

Tank Number: 001
Tank ID: 60354
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 2500
Install Date: 01/02/1990
Date Tank Closed: 05/31/2012
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 21
Date Test: 03/30/2001
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
L08 - Piping Leak Detection - Tank Top Sump
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
F04 - Pipe External Protection - Fiberglass
C03 - Pipe Location - Aboveground/Underground Combination
E04 - Piping Secondary Containment - Double walled UG
J01 - Dispenser - Pressurized Dispenser
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
B04 - Tank External Protection - Fiberglass
H05 - Tank Leak Detection - In-Tank System (ATG)
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number: 001A
Tank ID: 245123
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 2500
Install Date: 06/06/2012
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 2712
Common Name of Substance: Gasoline/Ethanol

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported

DSNY QUEENS DISTRICT 5A GARAGE (Continued) **U003790792**

Pipe Model: Not reported
Modified By: MRBARROW
Last Modified: 04/14/2017

Equipment Records:

I03 - Overfill - Automatic Shut-Off
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
F04 - Pipe External Protection - Fiberglass
C02 - Pipe Location - Underground/On-ground
J01 - Dispenser - Pressurized Dispenser
E04 - Piping Secondary Containment - Double walled UG
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
K01 - Spill Prevention - Catch Basin
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
B04 - Tank External Protection - Fiberglass
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number: 002
Tank ID: 60355
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 01/02/1990
Date Tank Closed: 05/31/2012
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 2710
Common Name of Substance: Biodiesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
L08 - Piping Leak Detection - Tank Top Sump
A00 - Tank Internal Protection - None
C03 - Pipe Location - Aboveground/Underground Combination
J01 - Dispenser - Pressurized Dispenser
D02 - Pipe Type - Galvanized Steel
F02 - Pipe External Protection - Original Sacrificial Anode
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
B04 - Tank External Protection - Fiberglass
E00 - Piping Secondary Containment - None
H05 - Tank Leak Detection - In-Tank System (ATG)
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number: 002A

DSNY QUEENS DISTRICT 5A GARAGE (Continued) **U003790792**

Tank ID:	245124
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	4000
Install Date:	06/06/2012
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	2710
Common Name of Substance:	Biodiesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MRBARROW
Last Modified:	04/14/2017

Equipment Records:

I03 - Overfill - Automatic Shut-Off
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
F04 - Pipe External Protection - Fiberglass
C02 - Pipe Location - Underground/On-ground
J01 - Dispenser - Pressurized Dispenser
E04 - Piping Secondary Containment - Double walled UG
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
K01 - Spill Prevention - Catch Basin
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
B04 - Tank External Protection - Fiberglass
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number:	003
Tank ID:	60356
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	4000
Install Date:	01/02/1990
Date Tank Closed:	05/31/2012
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	2710
Common Name of Substance:	Biodiesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	NRLOMBAR
Last Modified:	04/14/2017

Equipment Records:

L08 - Piping Leak Detection - Tank Top Sump

DSNY QUEENS DISTRICT 5A GARAGE (Continued) **U003790792**

H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
C03 - Pipe Location - Aboveground/Underground Combination
J01 - Dispenser - Pressurized Dispenser
D02 - Pipe Type - Galvanized Steel
F02 - Pipe External Protection - Original Sacrificial Anode
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
E00 - Piping Secondary Containment - None
B04 - Tank External Protection - Fiberglass
H05 - Tank Leak Detection - In-Tank System (ATG)
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number:	003A
Tank ID:	245125
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	4000
Install Date:	06/06/2012
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	2710
Common Name of Substance:	Biodiesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MRBARROW
Last Modified:	04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
E04 - Piping Secondary Containment - Double walled UG
J01 - Dispenser - Pressurized Dispenser
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number:	004
Tank ID:	60368
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	1000
Install Date:	01/02/1990
Date Tank Closed:	05/03/2012

DSNY QUEENS DISTRICT 5A GARAGE (Continued) **U003790792**

Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0015
Common Name of Substance: Motor Oil

Tightness Test Method: 21
Date Test: 07/02/2009
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
C03 - Pipe Location - Aboveground/Underground Combination
J02 - Dispenser - Suction Dispenser
D02 - Pipe Type - Galvanized Steel
F02 - Pipe External Protection - Original Sacrificial Anode
B04 - Tank External Protection - Fiberglass
E00 - Piping Secondary Containment - None
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
H05 - Tank Leak Detection - In-Tank System (ATG)
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number: 004A
Tank ID: 245126
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 1000
Install Date: 05/11/2012
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0015
Common Name of Substance: Motor Oil

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MRBARROW
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
I03 - Overfill - Automatic Shut-Off
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
F04 - Pipe External Protection - Fiberglass
J02 - Dispenser - Suction Dispenser
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
C03 - Pipe Location - Aboveground/Underground Combination
E04 - Piping Secondary Containment - Double walled UG

DSNY QUEENS DISTRICT 5A GARAGE (Continued) **U003790792**

D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
K01 - Spill Prevention - Catch Basin
B04 - Tank External Protection - Fiberglass
L09 - Piping Leak Detection - Exempt Suction Piping
I02 - Overfill - High Level Alarm
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number: 005
Tank ID: 60369
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 01/02/1990
Date Tank Closed: 05/03/2012
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0010
Common Name of Substance: Hydraulic Oil

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
C03 - Pipe Location - Aboveground/Underground Combination
D02 - Pipe Type - Galvanized Steel
F02 - Pipe External Protection - Original Sacrificial Anode
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
B04 - Tank External Protection - Fiberglass
E00 - Piping Secondary Containment - None
L09 - Piping Leak Detection - Exempt Suction Piping
H05 - Tank Leak Detection - In-Tank System (ATG)
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number: 005A
Tank ID: 245127
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 1000
Install Date: 05/11/2012
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0010
Common Name of Substance: Hydraulic Oil

Tightness Test Method: NN

DSNY QUEENS DISTRICT 5A GARAGE (Continued) **U003790792**

Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MRBARROW
Last Modified: 04/14/2017

Equipment Records:

H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off
A00 - Tank Internal Protection - None
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
F04 - Pipe External Protection - Fiberglass
J02 - Dispenser - Suction Dispenser
C03 - Pipe Location - Aboveground/Underground Combination
E04 - Piping Secondary Containment - Double walled UG
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
I02 - Overfill - High Level Alarm
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number: 006
Tank ID: 60370
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 1000
Install Date: 01/02/1990
Date Tank Closed: 05/03/2012
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0010
Common Name of Substance: Hydraulic Oil

Tightness Test Method: 21
Date Test: 07/02/2009
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
C03 - Pipe Location - Aboveground/Underground Combination
D02 - Pipe Type - Galvanized Steel
F02 - Pipe External Protection - Original Sacrificial Anode
L09 - Piping Leak Detection - Exempt Suction Piping
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
B04 - Tank External Protection - Fiberglass
E00 - Piping Secondary Containment - None
H05 - Tank Leak Detection - In-Tank System (ATG)
G04 - Tank Secondary Containment - Double-Walled (Underground)

DSNY QUEENS DISTRICT 5A GARAGE (Continued) **U003790792**

Tank Number: 006A
Tank ID: 245128
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 1000
Install Date: 05/11/2012
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0010
Common Name of Substance: Hydraulic Oil

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MRBARROW
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off
C03 - Pipe Location - Aboveground/Underground Combination
F04 - Pipe External Protection - Fiberglass
J02 - Dispenser - Suction Dispenser
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
E04 - Piping Secondary Containment - Double walled UG
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number: 007
Tank ID: 60371
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 1000
Install Date: 01/02/1990
Date Tank Closed: 07/18/2012
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Tightness Test Method: 21
Date Test: 07/22/2009
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

DSNY QUEENS DISTRICT 5A GARAGE (Continued) **U003790792**

A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
C03 - Pipe Location - Aboveground/Underground Combination
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
J00 - Dispenser - None
L00 - Piping Leak Detection - None
B04 - Tank External Protection - Fiberglass
E00 - Piping Secondary Containment - None
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number:	007A
Tank ID:	247237
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	1000
Install Date:	07/24/2012
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MRBARROW
Last Modified:	04/14/2017

Equipment Records:

H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
C03 - Pipe Location - Aboveground/Underground Combination
F04 - Pipe External Protection - Fiberglass
E04 - Piping Secondary Containment - Double walled UG
J00 - Dispenser - None
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number:	008
Tank ID:	60372
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	1000
Install Date:	01/02/1990
Date Tank Closed:	07/31/2012
Registered:	True
Tank Location:	Underground

DSNY QUEENS DISTRICT 5A GARAGE (Continued) **U003790792**

Tank Type: Equivalent technology
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
C03 - Pipe Location - Aboveground/Underground Combination
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
J00 - Dispenser - None
L00 - Piping Leak Detection - None
I02 - Overfill - High Level Alarm
B04 - Tank External Protection - Fiberglass
E00 - Piping Secondary Containment - None
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number: 008A
Tank ID: 247238
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 1000
Install Date: 08/14/2012
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MRBARROW
Last Modified: 04/14/2017

Equipment Records:

K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
F04 - Pipe External Protection - Fiberglass
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
C03 - Pipe Location - Aboveground/Underground Combination
E04 - Piping Secondary Containment - Double walled UG
J00 - Dispenser - None
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm

DSNY QUEENS DISTRICT 5A GARAGE (Continued) **U003790792**

G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number: 009
Tank ID: 60373
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 01/02/1990
Date Tank Closed: 07/18/2012
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
C03 - Pipe Location - Aboveground/Underground Combination
F00 - Pipe External Protection - None
D02 - Pipe Type - Galvanized Steel
J00 - Dispenser - None
L00 - Piping Leak Detection - None
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
B04 - Tank External Protection - Fiberglass
E00 - Piping Secondary Containment - None
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number: 009A
Tank ID: 247239
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 1000
Install Date: 10/30/2012
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MRBARROW
Last Modified: 04/14/2017

DSNY QUEENS DISTRICT 5A GARAGE (Continued) **U003790792**

Equipment Records:

H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
C03 - Pipe Location - Aboveground/Underground Combination
F04 - Pipe External Protection - Fiberglass
E04 - Piping Secondary Containment - Double walled UG
J00 - Dispenser - None
I02 - Overfill - High Level Alarm
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number:	010
Tank ID:	60377
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	2500
Install Date:	01/02/1990
Date Tank Closed:	04/15/2010
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	NRLOMBAR
Last Modified:	04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
J02 - Dispenser - Suction Dispenser
F04 - Pipe External Protection - Fiberglass
D02 - Pipe Type - Galvanized Steel
L00 - Piping Leak Detection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B04 - Tank External Protection - Fiberglass
K01 - Spill Prevention - Catch Basin
E00 - Piping Secondary Containment - None

Tank Number:	010A
Tank ID:	235604
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	2500
Install Date:	07/15/2010
Date Tank Closed:	Not reported

DSNY QUEENS DISTRICT 5A GARAGE (Continued) **U003790792**

Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MRBARROW
Last Modified: 04/14/2017

Equipment Records:

I03 - Overfill - Automatic Shut-Off
D01 - Pipe Type - Steel/Carbon Steel/Iron
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
C03 - Pipe Location - Aboveground/Underground Combination
F04 - Pipe External Protection - Fiberglass
E04 - Piping Secondary Containment - Double walled UG
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
B04 - Tank External Protection - Fiberglass
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number: 011
Tank ID: 233246
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 1000
Install Date: 01/02/1990
Date Tank Closed: 10/11/2012
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
C03 - Pipe Location - Aboveground/Underground Combination
F00 - Pipe External Protection - None
D02 - Pipe Type - Galvanized Steel
J00 - Dispenser - None

DSNY QUEENS DISTRICT 5A GARAGE (Continued) **U003790792**

L00 - Piping Leak Detection - None
I02 - Overfill - High Level Alarm
B04 - Tank External Protection - Fiberglass
E00 - Piping Secondary Containment - None
G04 - Tank Secondary Containment - Double-Walled (Underground)

D165 **M & C TRANSFER STATION;INC.** **NY SWF/LF** **S105841784**
SSE **58-26 47 STREET** **N/A**
< 1/8 **WEST MASPETH, NY 11378**
0.024 mi.
125 ft. **Site 1 of 5 in cluster D**

Relative: **Lower**
Actual: **7 ft.**

SWF/LF:

Name:	M & C TRANSFER STATION;INC.
Address:	58-26 47 STREET
City,State,Zip:	WEST MASPETH, NY 11378
Flag:	INACTIVE
Region Code:	2
Phone Number:	7184175185
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	THONY MESSINA
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	Transfer station - permit
Activity Number:	[41T42]
Active:	No
East Coordinate:	591000
North Coordinate:	4508800
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Waste Type:	Not reported
Authorization #:	2-6304-00157
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

B166 **DAVIS & WARSHOW** **NY UST** **1000261803**
NE **57-22 49TH ST** **RCRA NonGen / NLR** **NYD005907621**
< 1/8 **MASPETH, NY 11378** **FINDS**
0.026 mi. **ECHO**
139 ft. **Site 4 of 7 in cluster B** **NY MANIFEST**

Relative:
Higher

Actual:
14 ft.

UST:

Name:	DAVIS AND WARSHOW INC MSPETH
Address:	57-22 48TH STREET
City,State,Zip:	MASPETH, NY 11378
Id/Status:	2-214264 / Inactive
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	591093.08069
UTM Y:	4508536.07277
Site Type:	Other Wholesale/Retail Sales

Affiliation Records:

Site Id:	7947
Affiliation Type:	Facility Owner
Company Name:	DAVIS J WARSHOW INC MSPETH
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	57-22 48TH ST
Address2:	Not reported
City:	MASPETH
State:	NY
Zip Code:	11378
Country Code:	001
Phone:	(718) 937-9500
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	7947
Affiliation Type:	Mail Contact
Company Name:	DAVIS AND WARSHOW INC MSPETH
Contact Type:	Not reported
Contact Name:	FRANK FINKEL
Address1:	57-22 48TH ST
Address2:	Not reported
City:	MASPETH
State:	NY
Zip Code:	11378
Country Code:	001
Phone:	(718) 937-9500
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	7947
Affiliation Type:	Facility Operator
Company Name:	DAVIS AND WARSHOW INC MSPETH
Contact Type:	Not reported
Contact Name:	FRANK FINKEL
Address1:	Not reported

DAVIS & WARSHOW (Continued) **1000261803**

Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 937-9500
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	7947
Affiliation Type:	Emergency Contact
Company Name:	DAVIS J WARSHOW INC MSPETH
Contact Type:	Not reported
Contact Name:	PETER ROLANDY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 335-2546
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	001
Tank ID:	9864
Tank Status:	Tank Converted to Non-Regulated Use
Material Name:	Tank Converted to Non-Regulated Use
Capacity Gallons:	2000
Install Date:	08/01/1974
Date Tank Closed:	03/28/2001
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel

Tightness Test Method:	01
Date Test:	09/01/1989
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

J02 - Dispenser - Suction Dispenser
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I00 - Overfill - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

DAVIS & WARSHOW (Continued) **1000261803**

B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D00 - Pipe Type - No Piping

RCRA NonGen / NLR:

Date Form Received by Agency:		2007-01-01 00:00:00.0
Handler Name:	DAVIS & WARSHOW	
Handler Address:		57-22 49TH ST
Handler City,State,Zip:		MASPETH, NY 11378-2107
EPA ID:		NYD005907621
Contact Name:		Not reported
Contact Address:		49TH ST
Contact City,State,Zip:		MASPETH, NY 11378
Contact Telephone:		Not reported
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		02
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		NY
State District:		NYSDEC R2
Mailing Address:		49TH ST
Mailing City,State,Zip:		MASPETH, NY 11378
Owner Name:		ERVING FINKLE
Owner Type:		Private
Operator Name:		ERVING FINKLE
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		NN
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

DAVIS & WARSHOW (Continued) **1000261803**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D002
Waste Description:	CORROSIVE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ERVING FINKLE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ERVING FINKLE
Legal Status:	Private
Date Became Current:	Not reported

DAVIS & WARSHOW (Continued) **1000261803**

Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ERVING FINKLE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1999-07-08 00:00:00.0
Handler Name: DAVIS & WARSHOW	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2006-01-01 00:00:00.0
Handler Name: DAVIS & WARSHOW	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-01-01 00:00:00.0
Handler Name: DAVIS & WARSHOW	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes

DAVIS & WARSHOW (Continued) **1000261803**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1988-11-01 00:00:00.0
Handler Name: DAVIS & WARSHOW	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110004342471

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000261803
Registry ID:	110004342471
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004342471
Name:	DAVIS & WARSHOW
Address:	57-22 49TH ST
City,State,Zip:	MASPETH, NY 11378

NY MANIFEST:

Name:	DAVIS & WARSHOW
Address:	57-22 49TH ST
City,State,Zip:	MASPETH, NY 11378-2107
Country:	USA
EPA ID:	NYD005907621

DAVIS & WARSHOW (Continued) **1000261803**

Facility Status:	Not reported
Location Address 1:	5722 49TH STREET
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	MASPETH
Location State:	NY
Location Zip:	11378
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD005907621
Mailing Name:	DAVIS & WARSHOW
Mailing Contact:	DAVIS & WARSHOW
Mailing Address 1:	5722 49TH STREET
Mailing Address 2:	Not reported
Mailing City:	MASPETH
Mailing State:	NY
Mailing Zip:	11378
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7189379500

NY MANIFEST:

Document ID:	NYA7101189
Manifest Status:	C
seq:	Not reported
Year:	1988
Trans1 State ID:	000000000
Trans2 State ID:	000000000
Generator Ship Date:	12/06/1988
Trans1 Recv Date:	12/06/1988
Trans2 Recv Date:	/ /
TSD Site Recv Date:	12/06/1988
Part A Recv Date:	12/09/1988
Part B Recv Date:	12/13/1988
Generator EPA ID:	NYD005907621
Trans1 EPA ID:	NYD082785429
Trans2 EPA ID:	Not reported
TSDF ID 1:	NYD082785429
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported

DAVIS & WARSHOW (Continued) **1000261803**

Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00350
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	007
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	155

E167 **57-47 47TH STREET** **NY LTANKS** **U000403643**
ESE **57-47 47TH ST** **NY AST** **N/A**
< 1/8 **MASPETH, NY** **NY Spills**
0.028 mi.
146 ft. **Site 1 of 2 in cluster E**

Relative:
Higher

Actual:
14 ft.

LTANKS:

Name:	57-47 47TH STREET
Address:	57-47 47TH ST
City,State,Zip:	MASPETH, NY
Spill Number/Closed Date:	8803169 / 1992-10-02
Facility ID:	8803169
Site ID:	195765
Spill Date:	1988-07-12
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	1992-10-02
SWIS:	4101
Investigator:	BATTISTA
Referred To:	Not reported
Reported to Dept:	1988-07-12
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1988-07-15
Spill Record Last Update:	2003-12-05
Spiller Name:	MIKE DELMAN
Spiller Company:	UNK
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	163091
DEC Memo:	""
Remarks:	"5K TANK SYSTEM FAILURE, L R = -0.142 GPH."

All TTF:

Facility ID:	8803169
Spill Number:	8803169
Spill Tank Test:	1534274

57-47 47TH STREET (Continued) **U000403643**

Site ID:	195765
Tank Number:	Not reported
Tank Size:	0
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	195765
Operable Unit ID:	918341
Operable Unit:	01
Material ID:	458730
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

AST:

Name:	ADVANCED/MOLLOY
Address:	57 47TH ST
City,State,Zip:	MASPETH, NY 11378
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-320943
Program Type:	PBS
UTM X:	590989.12340
UTM Y:	4508174.84630
Expiration Date:	05/27/2023
Site Type:	Other

Affiliation Records:

Site Id:	14893
Affiliation Type:	Facility Owner
Company Name:	D&P ASSOCIATES
Contact Type:	PARTNER
Contact Name:	THEODORE PEARLMAN
Address1:	7 WHETMORE DR.
Address2:	Not reported
City:	SYOSSET
State:	NY
Zip Code:	11791
Country Code:	001
Phone:	(516) 643-0292

57-47 47TH STREET (Continued) **U000403643**

EMail: Not reported
Fax Number: Not reported
Modified By: MRBARROW
Date Last Modified: 2018-02-06

Site Id: 14893
Affiliation Type: Mail Contact
Company Name: D & P ASSOCIATES
Contact Type: Not reported
Contact Name: THEODORE PEARLMAN
Address1: 7 WHETMORE DR
Address2: Not reported
City: SYOSSET
State: NY
Zip Code: 11791
Country Code: 001
Phone: (516) 643-0292
EMail: TED@ELECTRICLIGHTING.COM
Fax Number: Not reported
Modified By: MRBARROW
Date Last Modified: 2018-02-06

Site Id: 14893
Affiliation Type: Facility Operator
Company Name: ADVANCED/MOLLOY
Contact Type: Not reported
Contact Name: ADVANCED/MOLLOY BROTHERS
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 497-0394
EMail: Not reported
Fax Number: Not reported
Modified By: MRBARROW
Date Last Modified: 2018-02-06

Site Id: 14893
Affiliation Type: Emergency Contact
Company Name: D&P ASSOCIATES
Contact Type: Not reported
Contact Name: TED PEARLMAN
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (516) 643-0292
EMail: Not reported
Fax Number: Not reported
Modified By: MRBARROW
Date Last Modified: 2018-02-06

57-47 47TH STREET (Continued) **U000403643**

Tank Info:

Tank Number:	002
Tank Id:	58361
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

	I05 - Overfill - Vent Whistle
	J02 - Dispenser - Suction Dispenser
	G03 - Tank Secondary Containment - Vault (w/o access)
	L09 - Piping Leak Detection - Exempt Suction Piping
	F00 - Pipe External Protection - None
	A00 - Tank Internal Protection - None
	B01 - Tank External Protection - Painted/Asphalt Coating
	D01 - Pipe Type - Steel/Carbon Steel/Iron
	C01 - Pipe Location - Aboveground
	I04 - Overfill - Product Level Gauge (A/G)
	H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	03/01/1998
Capacity Gallons:	3000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MRBARROW
Last Modified:	02/06/2018
Material Name:	#2 fuel oil (on-site consumption)

SPILLS:

Name:	AT LIGHT LIGHTING
Address:	57-47 47TH STREET
City,State,Zip:	MASPETH, NY
Spill Number/Closed Date:	9709898 / 1997-11-25
Facility ID:	9709898
Facility Type:	ER
DER Facility ID:	87425
Site ID:	98230
DEC Region:	2
Spill Cause:	Other
Spill Class:	C4
SWIS:	4101
Spill Date:	1997-11-25
Investigator:	KSTANG
Referred To:	Not reported
Reported to Dept:	1997-11-25
CID:	282
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other

57-47 47TH STREET (Continued) **U000403643**

Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1997-11-25
Spill Record Last Update:	2003-12-05
Spiller Name:	JACK PEARLMAN
Spiller Company:	AT LITE LIGHTING
Spiller Address:	57-47 47TH STREET
Spiller Company:	001
Contact Name:	JACK PEARLMAN
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TANG CALLED PETRO, MR. LARA SAID IT WAS ALL PICKED UP. JUST A MINOR INCIDENT."
Remarks:	"THE OIL COMPANY FOUND DRIED OIL IN A SUMP APPEARS IT HAS BEEN THERE OVER TIME.ALL THE OIL WAS CONTAINED IN A SUMP.THEY WERE DOING A NEW TANK INSTALLATION WHEN THEY FOUND THE SPILL."

All Materials:

Site ID:	98230
Operable Unit ID:	1056266
Operable Unit:	01
Material ID:	328227
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

E168 **AT LITE** **RCRA-VSQG** **1001223765**
ESE **57-47 47TH ST** **NY MANIFEST** **NYR000049809**
< 1/8 **MASPETH, NY 11378**
0.028 mi.
146 ft. **Site 2 of 2 in cluster E**

Relative: **Higher**
Actual: **14 ft.**

RCRA-VSQG:

Date Form Received by Agency:		2007-01-01 00:00:00.0
Handler Name:	AT LITE	
Handler Address:		57-47 47TH ST
Handler City,State,Zip:		MASPETH, NY 11378
EPA ID:		NYR000049809
Contact Name:		JOE RILEY
Contact Address:		47TH ST
Contact City,State,Zip:		MASPETH, NY 11378
Contact Telephone:		718-497-0394
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		02
Land Type:		Not reported
Federal Waste Generator Description:		Conditionally Exempt Small Quantity Generator
Non-Notifier:		Not reported

AT LITE (Continued) **1001223765**

Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	47TH ST
Mailing City,State,Zip:	MASPETH, NY 11378
Owner Name:	D & P ASSOCIATES
Owner Type:	Private
Operator Name:	D & P ASSOCIATES
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No

AT LITE (Continued) **1001223765**

Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	D & P ASSOCIATES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	57-47 47TH ST
Owner/Operator City,State,Zip:	MASPETH, NY 11378
Owner/Operator Telephone:	718-497-0394
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	D & P ASSOCIATES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	57-47 47TH ST
Owner/Operator City,State,Zip:	MASPETH, NY 11378
Owner/Operator Telephone:	718-497-0394
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	D & P ASSOCIATES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	57-47 47TH ST
Owner/Operator City,State,Zip:	MASPETH, NY 11378
Owner/Operator Telephone:	718-497-0394
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	D & P ASSOCIATES
Legal Status:	Private
Date Became Current:	Not reported

AT LITE (Continued) **1001223765**

Date Ended Current: Not reported
Owner/Operator Address: 57-47 47TH ST
Owner/Operator City,State,Zip: MASPETH, NY 11378
Owner/Operator Telephone: 718-497-0394
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 2005-07-22 00:00:00.0
Handler Name: AT LITE
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2006-01-01 00:00:00.0
Handler Name: AT LITE
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2007-01-01 00:00:00.0
Handler Name: AT LITE
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2000-08-11 00:00:00.0
Handler Name: AT LITE
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No

AT LITE (Continued) **1001223765**

Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

NY MANIFEST:
Name: AT LITE
Address: 57-47 47TH ST
City,State,Zip: MASPETH, NY 11378
Country: USA
EPA ID: NYR000049809
Facility Status: Not reported
Location Address 1: 57-47 47TH STREET
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: QUEENS
Location State: NY
Location Zip: 11378
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYR000049809
Mailing Name: AT LITE
Mailing Contact: ALAN TORRES
Mailing Address 1: 57-47 47TH STREET
Mailing Address 2: Not reported
Mailing City: FLUSHING
Mailing State: NY
Mailing Zip: 11378
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 7184970394

NY MANIFEST:
Document ID: MIA9705385
Manifest Status: Not reported
seq: Not reported
Year: 2004
Trans1 State ID: AD68145NY
Trans2 State ID: Not reported
Generator Ship Date: 02/25/2004
Trans1 Recv Date: 02/25/2004
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/12/2004
Part A Recv Date: Not reported

AT LITE (Continued) **1001223765**

Part B Recv Date:	Not reported
Generator EPA ID:	NYR000049809
Trans1 EPA ID:	NYD049178296
Trans2 EPA ID:	Not reported
TSDF ID 1:	MID000724
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00005
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00

D169 **BORO TIMBER CO** **NY UST** **U001838224**
SSE **57-45 47TH STREET** **N/A**
< 1/8 **MASPETH, NY 11378**
0.031 mi.
163 ft. **Site 2 of 5 in cluster D**

Relative:
Higher

Actual:
13 ft.

UST:

Name:	BORO TIMBER CO
Address:	57-45 47TH STREET
City,State,Zip:	MASPETH, NY 11378
Id/Status:	2-296007 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	591036.00812
UTM Y:	4508024.55156
Site Type:	Trucking/Transportation/Fleet Operation

Affiliation Records:

Site Id:	13611
Affiliation Type:	Facility Owner
Company Name:	57-45 47TH STREET REALTY LLC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	PO BOX 78

BORO TIMBER CO (Continued) **U001838224**

Address2:	Not reported
City:	MASPETH
State:	NY
Zip Code:	11378
Country Code:	001
Phone:	(718) 821-3600
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	13611
Affiliation Type:	Mail Contact
Company Name:	57-45 47TH STREET REALTY LLC
Contact Type:	Not reported
Contact Name:	JOHN SUSSEK
Address1:	57-57 47TH STREET
Address2:	Not reported
City:	MASPETH
State:	NY
Zip Code:	11378
Country Code:	001
Phone:	(718) 821-3600
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	13611
Affiliation Type:	Facility Operator
Company Name:	BORO TIMBER CO
Contact Type:	Not reported
Contact Name:	ROBERT SAGO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 821-3600
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	13611
Affiliation Type:	Emergency Contact
Company Name:	57-45 47TH STREET REALTY LLC
Contact Type:	Not reported
Contact Name:	ROBERT SAGO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 451-2240

BORO TIMBER CO (Continued) **U001838224**

EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank ID: 53662
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 4000
Install Date: 02/01/1980
Date Tank Closed: 12/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: 02
Date Test: 05/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)

Tank Number: 002
Tank ID: 24693
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 4000
Install Date: 02/01/1980
Date Tank Closed: 12/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 03
Date Test: 05/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT

BORO TIMBER CO (Continued) **U001838224**

Last Modified: 04/14/2017

Equipment Records:

J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)

Tank Number: 003
Tank ID: 24694
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 4000
Install Date: 02/01/1980
Date Tank Closed: 12/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: 02
Date Test: 05/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
H00 - Tank Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)

D170 **BORO TIMBER CO** **NY Spills** **S103036885**
SSE **57-45 47TH ST** **N/A**
< 1/8 **MASPETH, NY**
0.031 mi.
163 ft. **Site 3 of 5 in cluster D**

Relative:
Higher

Actual:
13 ft.

SPILLS:
Name: BORO TIMBER CO
Address: 57-45 47TH ST
City,State,Zip: MASPETH, NY
Spill Number/Closed Date: 9714130 / 2006-07-12
Facility ID: 9714130
Facility Type: ER
DER Facility ID: 141609

BORO TIMBER CO (Continued) **S103036885**

Site ID:	168086
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	B3
SWIS:	4101
Spill Date:	1996-07-01
Investigator:	WBWELLIN
Referred To:	Not reported
Reported to Dept:	1998-03-20
CID:	370
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1998-03-20
Spill Record Last Update:	2008-11-07
Spiller Name:	ABOVE CALLER
Spiller Company:	BOLO TIMBER CO
Spiller Address:	57-45 47TH ST
Spiller Company:	001
Contact Name:	ABOVE CALLER
DEC Memo:	"07/12/06 Number on report form is for Kitchenscape. No further evidence that a problem exists. Spill file closed."
Remarks:	"contaminated soil on site - spill contained - multiple tanks on site - unk on cleanup at this time"

All Materials:

Site ID:	168086
Operable Unit ID:	1060011
Operable Unit:	01
Material ID:	325102
Material Code:	0003A
Material Name:	#6 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Site ID:	168086
Operable Unit ID:	1060011
Operable Unit:	01
Material ID:	325103
Material Code:	0022
Material Name:	waste oil/used oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

B171 **TEMO SALES** **NY Spills** **S104789547**
ENE **57-03 48TH ST** **N/A**
< 1/8 **MASPETH, NY**
0.033 mi.
174 ft. **Site 5 of 7 in cluster B**

Relative: **Higher**

Actual: **15 ft.**

SPILLS:

Name:	TEMO SALES
Address:	57-03 48TH ST
City,State,Zip:	MASPETH, NY
Spill Number/Closed Date:	0007036 / 2005-11-28
Facility ID:	0007036
Facility Type:	ER
DER Facility ID:	177790
Site ID:	214580
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C3
SWIS:	4101
Spill Date:	2000-09-14
Investigator:	WBWELLIN
Referred To:	Not reported
Reported to Dept:	2000-09-14
CID:	390
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2000-09-14
Spill Record Last Update:	2005-11-28
Spiller Name:	MARIETTA TEITLER
Spiller Company:	TEMO SALES
Spiller Address:	57-03 48TH ST
Spiller Company:	001
Contact Name:	MARIETTA TEITLER
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was ROMMEL C 03/26/04. Transferred from Sacaccio to Rommel. Followup phone call made on 11/23/05 by Will Welling to Edward Ramowski, Temo sales. Awaiting reply. 11/28/2005 Call made by Will Welling to Marietta Teitler. Ms. Tietler had made the initial call in to DEC. She said that a trucker backing up to their loading dock missed and ruptured a fuel tank. She called in the spill because otherwise the trucker was just going to leave. The spill was on the road. A response was made, the spill was cleaned up, she said. I told her I would close the file."
Remarks:	"caller reporting spill of fuel on her property"

All Materials:

Site ID:	214580
Operable Unit ID:	827883
Operable Unit:	01
Material ID:	548138
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported

TEMO SALES (Continued) **S104789547**

Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

B172 **POLE 92057** **NY Spills** **S104953273**
ENE **57-03 48TH ST** **N/A**
< 1/8 **QUEENS, NY**
0.044 mi.
231 ft. **Site 6 of 7 in cluster B**

Relative:
Higher

Actual:
14 ft.

SPILLS:

Name:	POLE 92057
Address:	57-03 48TH ST
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	0012910 / 2003-06-24
Facility ID:	0012910
Facility Type:	ER
DER Facility ID:	279657
Site ID:	214581
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	4101
Spill Date:	2001-03-08
Investigator:	JHOCONNE
Referred To:	Not reported
Reported to Dept:	2001-03-08
CID:	382
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2001-03-08
Spill Record Last Update:	2003-06-24
Spiller Name:	CALLER
Spiller Company:	CON ED
Spiller Address:	4 IRVING PLACE
Spiller Company:	001
Contact Name:	SEAN MCKEEVER
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL E2MIS 135841 08-MAR-2001 11:35 HRS. OVERHEAD TECH DEPT. M.NEVILLE EMP# 27356 CH.LINEMEN REPORTS: WHILE ON LOCATION FOR MAINTENANCE WORK FOUND: APPROX. 1 pt OF DIELECTRIC TRANSFORMER FLUID LEAKING FROM AN A PHASE BUSHING ON A 3 PHASE 75 KVA TRANSFORMER ON POLE# 92057. SPILL IS CONTAINED TO POLE & RISER. #9 DISPATCHED TO DENERGIZE TRANSFORMER, BAG & REMOVE. UPDATE 3/8/01 23:40 HRS O. ADRIAN, #9 O.G.S., REPORTS THAT AS PER OVERHEAD SUPERVISOR T. BARNHILL THE CLEANUP IS COMPLETE AT THIS TIME AND TRANSFORMER HAS BEEN REMOVED. UPDATE 4/07/03 CLEAN UP WAS PERFORMED BY DOUBLE WASHING AREA WITH BIO-GEN AND USING ABSORBANT AND DIAPERS."

POLE 92057 (Continued) **S104953273**

Remarks: "1 pt oil leaking from transformer onto riser. clean up pending deenrgizing of transformer. con ed 135-841"

All Materials:

Site ID:	214581
Operable Unit ID:	834840
Operable Unit:	01
Material ID:	539632
Material Code:	0541A
Material Name:	dielectric fluid
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

B173 **SPILL NUMBER 0007012** **NY LTANKS** **S104789528**
ENE **5703 48TH ST** **N/A**
< 1/8 **QUEENS, NY**
0.044 mi.
231 ft. **Site 7 of 7 in cluster B**

Relative: **Higher**

Actual: **14 ft.**

LTANKS:

Name:	SPILL NUMBER 0007012
Address:	5703 48TH ST
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	0007012 / 2003-02-24
Facility ID:	0007012
Site ID:	64677
Spill Date:	2000-09-14
Spill Cause:	Tank Overfill
Spill Source:	Commercial Vehicle
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	SACCACIO
Referred To:	Not reported
Reported to Dept:	2000-09-14
CID:	396
Water Affected:	Not reported
Spill Notifier:	Fire Department
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2000-09-14
Spill Record Last Update:	2003-02-24
Spiller Name:	Not reported
Spiller Company:	PARRY TRANSPORTATION
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	JOHN GLIDDEN
Spiller Phone:	(917) 769-0362
Spiller Extention:	Not reported
DEC Region:	2

SPILL NUMBER 0007012 (Continued) **S104789528**

DER Facility ID: 62279
DEC Memo: ""
Remarks: "fd on scene speedy dry has been put down."

All Materials:
Site ID: 64677
Operable Unit ID: 829839
Operable Unit: 01
Material ID: 548115
Material Code: 0008
Material Name: diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: 15.00
Units: G
Recovered: .00
Oxygenate: Not reported

C174 **TRANSCON LINES TERMINAL** **NY LTANKS** **1000693502**
WSW **430 MASPETH AVE** **NY UST** **NYD986995512**
< 1/8 **BROOKLYN, NY 11211** **RCRA NonGen / NLR**
0.058 mi. **NY MANIFEST**
307 ft. **Site 2 of 4 in cluster C**

Relative: **Lower**
Actual: **8 ft.**

LTANKS:
Name: 430 MASPETH AVE.
Address: 430 MASPETH AVE
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 9206929 / 1997-07-03
Facility ID: 9206929
Site ID: 260707
Spill Date: 1992-09-09
Spill Cause: Tank Failure
Spill Source: Commercial/Industrial
Spill Class: D4
Cleanup Ceased: Not reported
SWIS: 2401
Investigator: RWAUSTIN
Referred To: Not reported
Reported to Dept: 1992-09-16
CID: Not reported
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 1992-09-18
Spill Record Last Update: 2003-06-06
Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: Not reported
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported

TRANSCON LINES TERMINAL (Continued) **1000693502**

DEC Region: 2
DER Facility ID: 212920
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was AUSTIN 10/10/95: This is additional information about material spilled from the translation of the old spill file: CONTAMINATED SOIL. 7/3/97 - AUSTIN - REMEDIATION PROJECT DONE AND FINISHED WITH OXYGEN RELEASING COMPOUND BEING PLACED IN WELLS - NO FURTHER ACTION REQUIRED - NFA LETTER ISSUED 7/3/97 - CLOSE"
Remarks: "DURING TANK REMOVAL U/G SOIL CONTAMINATED DISOV. STOCKPILED, SAMPLED, WILL DISPOSE AS NECESSARY- TRANS-CON BANKRUPT CALLER REPRESENTS HOLDING CO. MCLAREN HART WILL SEND ASSESSMENT TO AUSTIN"

All Materials:
Site ID: 260707
Operable Unit ID: 970698
Operable Unit: 01
Material ID: 407610
Material Code: 0008
Material Name: diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: -10.00
Units: L
Recovered: .00
Oxygenate: Not reported

UST:
Name: TRANSCON LINES
Address: 430 MASPETH AVENUE
City,State,Zip: BROOKLYN, NY 11211
Id/Status: 2-016071 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 590565.30494
UTM Y: 4508073.53886
Site Type: Trucking/Transportation/Fleet Operation

Affiliation Records:
Site Id: 107
Affiliation Type: Facility Owner
Company Name: TRANSCON LINES
Contact Type: Not reported
Contact Name: Not reported
Address1: 430 MASPETH AVENUE
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11211
Country Code: 001
Phone: (718) 385-8800
EMail: Not reported
Fax Number: Not reported
Modified By: JMKRIMGO
Date Last Modified: 2005-03-24

TRANSCON LINES TERMINAL (Continued) **1000693502**

Site Id:	107
Affiliation Type:	Mail Contact
Company Name:	TRANSCON LINES
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	430 MASPETH AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11211
Country Code:	001
Phone:	(718) 385-8800
EMail:	Not reported
Fax Number:	Not reported
Modified By:	JMKRIMGO
Date Last Modified:	2005-03-24

Site Id:	107
Affiliation Type:	Facility Operator
Company Name:	TRANSCON LINES
Contact Type:	Not reported
Contact Name:	TRANSCON LINES
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NY
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 388-8000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	JMKRIMGO
Date Last Modified:	2005-03-24

Site Id:	107
Affiliation Type:	Emergency Contact
Company Name:	TRANSCON LINES
Contact Type:	Not reported
Contact Name:	JOHN WILEY, TERMINAL M ANAGER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 385-8800
EMail:	Not reported
Fax Number:	Not reported
Modified By:	JMKRIMGO
Date Last Modified:	2005-03-24

Tank Info:

Tank Number:	001
Tank ID:	26929
Tank Status:	Closed - In Place
Material Name:	Closed - In Place

TRANSCON LINES TERMINAL (Continued) **1000693502**

Capacity Gallons:	550
Install Date:	08/01/1992
Date Tank Closed:	09/01/1992
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
H00 - Tank Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)

Tank Number:	002
Tank ID:	26930
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	550
Install Date:	08/01/1992
Date Tank Closed:	09/01/1992
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

D00 - Pipe Type - No Piping
I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None

TRANSCON LINES TERMINAL (Continued) **1000693502**

Tank Number: 003
Tank ID: 26931
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 08/01/1992
Date Tank Closed: 09/01/1992
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)

Tank Number: 004
Tank ID: 26932
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 08/01/1992
Date Tank Closed: 09/01/1992
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None

TRANSCON LINES TERMINAL (Continued) **1000693502**

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
H00 - Tank Leak Detection - None

Tank Number:	005
Tank ID:	26933
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	550
Install Date:	08/01/1992
Date Tank Closed:	09/01/1992
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

D00 - Pipe Type - No Piping
I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None

Tank Number:	006
Tank ID:	26934
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	550
Install Date:	08/01/1992
Date Tank Closed:	09/01/1992
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

TRANSCON LINES TERMINAL (Continued) **1000693502**

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
I04 - Overfill - Product Level Gauge (A/G)
D00 - Pipe Type - No Piping
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None

Tank Number:	007
Tank ID:	26935
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	550
Install Date:	08/01/1992
Date Tank Closed:	09/01/1992
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
H00 - Tank Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)

Tank Number:	008
Tank ID:	26936
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	550
Install Date:	08/01/1992
Date Tank Closed:	09/01/1992
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel

TRANSCON LINES TERMINAL (Continued) **1000693502**

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

D00 - Pipe Type - No Piping
I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None

Tank Number: 009
Tank ID: 26937
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 08/01/1992
Date Tank Closed: 09/01/1992
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

D00 - Pipe Type - No Piping
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)

Tank Number: 010
Tank ID: 26938
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 08/01/1992
Date Tank Closed: 09/01/1992

TRANSCON LINES TERMINAL (Continued) **1000693502**

Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D00 - Pipe Type - No Piping
H00 - Tank Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)

Tank Number: 011
Tank ID: 26939
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 08/01/1992
Date Tank Closed: 09/01/1992
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

D00 - Pipe Type - No Piping
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: 012

TRANSCON LINES TERMINAL (Continued) **1000693502**

Tank ID: 26940
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 08/01/1992
Date Tank Closed: 09/01/1992
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
D00 - Pipe Type - No Piping

Tank Number: 013
Tank ID: 26941
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 08/01/1992
Date Tank Closed: 09/01/1992
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 9999
Common Name of Substance: Other

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

TRANSCON LINES TERMINAL (Continued) **1000693502**

D00 - Pipe Type - No Piping
H00 - Tank Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)

RCRA NonGen / NLR:

Date Form Received by Agency:	2007-01-01 00:00:00.0
Handler Name:	TRANSCON LINES TERMINAL
Handler Address:	430 MASPETH AVE
Handler City,State,Zip:	BROOKLYN, NY 11211-1704
EPA ID:	NYD986995512
Contact Name:	Not reported
Contact Address:	MASPETH AVE
Contact City,State,Zip:	BROOKLYN, NY 11211
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	MASPETH AVE
Mailing City,State,Zip:	BROOKLYN, NY 11211
Owner Name:	L GUMPORT TURSTEE OF BANK
Owner Type:	Private
Operator Name:	L GUMPORT TURSTEE OF BANK
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

TRANSCON LINES TERMINAL (Continued) **1000693502**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Operator

TRANSCON LINES TERMINAL (Continued) **1000693502**

Owner/Operator Name: L GUMPORT TURSTEE OF BANK
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 355 S GRAND AVE 40TH FL
Owner/Operator City,State,Zip: LOS ANGELES, CA 90071-3101
Owner/Operator Telephone: 213-617-7070
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: L GUMPORT TURSTEE OF BANK
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 355 S GRAND AVE 40TH FL
Owner/Operator City,State,Zip: LOS ANGELES, CA 90071-3101
Owner/Operator Telephone: 213-617-7070
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: L GUMPORT TURSTEE OF BANK
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 355 S GRAND AVE 40TH FL
Owner/Operator City,State,Zip: LOS ANGELES, CA 90071-3101
Owner/Operator Telephone: 213-617-7070
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 1999-07-08 00:00:00.0
Handler Name: TRANSCON LINES TERMINAL
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2006-01-01 00:00:00.0
Handler Name: TRANSCON LINES TERMINAL
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No

TRANSCON LINES TERMINAL (Continued) **1000693502**

Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2007-01-01 00:00:00.0
Handler Name: TRANSCON LINES TERMINAL
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1993-06-22 00:00:00.0
Handler Name: TRANSCON LINES TERMINAL
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

NY MANIFEST:
Name: TRANSCON LINES
Address: 430 MASPETH AVE
City,State,Zip: BROOKLYN, NY 11211-1704
Country: USA
EPA ID: NYD986995512
Facility Status: Not reported
Location Address 1: 430 MASPETH AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11211

TRANSCON LINES TERMINAL (Continued) **1000693502**

Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYD986995512
Mailing Name: TRANSCON LINES
Mailing Contact: LAWRENCE V WILSON
Mailing Address 1: 10851 SUNSET PLAZA / RAMPICO
Mailing Address 2: Not reported
Mailing City: SUNSET
Mailing State: MO
Mailing Zip: 63127
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 3148219333

NY MANIFEST:
Document ID: NYB4604841
Manifest Status: C
seq: Not reported
Year: 1993
Trans1 State ID: Not reported
Trans2 State ID: Not reported
Generator Ship Date: 08/19/1993
Trans1 Recv Date: 08/19/1993
Trans2 Recv Date: / /
TSD Site Recv Date: 08/20/1993
Part A Recv Date: 09/01/1993
Part B Recv Date: 08/31/1993
Generator EPA ID: NYD986995512
Trans1 EPA ID: NJD986609949
Trans2 EPA ID: Not reported
TSDF ID 1: OHD045243706
TSDF ID 2: Not reported
Manifest Tracking Number: Not reported
Import Indicator: Not reported
Export Indicator: Not reported
Discr Quantity Indicator: Not reported
Discr Type Indicator: Not reported
Discr Residue Indicator: Not reported
Discr Partial Reject Indicator: Not reported
Discr Full Reject Indicator: Not reported
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: Not reported
Waste Code: D008 - LEAD 5.0 MG/L TCLP
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 45680
Units: P - Pounds
Number of Containers: 001
Container Type: DT - Dump trucks
Handling Method: L Landfill.
Specific Gravity: 100

C175 **EMPIRE TRANSIT MIX INC** **NY AST** **A100293913**
WSW **430 MASPETH AVENUE** **N/A**
< 1/8 **BROOKLYN, NY 11211**
0.058 mi.
307 ft. **Site 3 of 4 in cluster C**

Relative:
Lower

Actual:
8 ft.

AST:

Name:	EMPIRE TRANSIT MIX INC
Address:	430 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY 11211
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-609891
Program Type:	PBS
UTM X:	590729.53778
UTM Y:	4508153.49166
Expiration Date:	08/09/2024
Site Type:	Manufacturing (Other than Chemical)/Processing

Affiliation Records:

Site Id:	342500
Affiliation Type:	Emergency Contact
Company Name:	DGR REALTY LLC
Contact Type:	Not reported
Contact Name:	ROCCO TOMASSETTI
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 384-3000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	2005-05-25

Site Id:	342500
Affiliation Type:	Facility Owner
Company Name:	DGR REALTY LLC
Contact Type:	PRESIDENT
Contact Name:	ROCCO TOMASSETTI
Address1:	430 MASPETH AVE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11211
Country Code:	001
Phone:	(718) 384-3000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2014-06-24

Site Id:	342500
Affiliation Type:	Mail Contact
Company Name:	EMPIRE TRANSIT MIX INC.
Contact Type:	Not reported
Contact Name:	DINA TAMMARO

EMPIRE TRANSIT MIX INC (Continued) **A100293913**

Address1:	430 MASPETH AVE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11211
Country Code:	001
Phone:	(718) 384-3000
EMail:	DTAMMARO@EMPIRETRANSITMIX.COM
Fax Number:	Not reported
Modified By:	JSMACRI
Date Last Modified:	2019-06-10

Site Id:	342500
Affiliation Type:	Facility Operator
Company Name:	EMPIRE TRANSIT MIX INC
Contact Type:	Not reported
Contact Name:	GERRY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 384-3000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2014-06-24

Tank Info:

Tank Number:	001
Tank Id:	196276
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil
Tank Location:	Aboveground - contact with impervious barrier... Tank bottom rests on impervious barrier, allowing visual indication of leaks.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	08/01/1999
Capacity Gallons:	250
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MSBAPTIS
Last Modified:	04/14/2017
Material Name:	waste oil/used oil

Tank Number:	001-A
Tank Id:	206536
Material Code:	0008
Common Name of Substance:	Diesel

EMPIRE TRANSIT MIX INC (Continued) **A100293913**

Equipment Records:

J02 - Dispenser - Suction Dispenser
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
E00 - Piping Secondary Containment - None
G03 - Tank Secondary Containment - Vault (w/o access)
F00 - Pipe External Protection - None
K00 - Spill Prevention - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
L00 - Piping Leak Detection - None
I05 - Overfill - Vent Whistle
B05 - Tank External Protection - Jacketed

Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	08/09/1999
Capacity Gallons:	4000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MSBAPTIS
Last Modified:	04/14/2017
Material Name:	diesel

C176 **EMPIRE TRANSIT MIX INC** **RCRA NonGen / NLR** **1010325157**
WSW **430 MASPETH AVE** **FINDS** **NYN008015661**
< 1/8 **BROOKLYN, NY 11237** **ECHO**
0.058 mi.
307 ft. **Site 4 of 4 in cluster C**

Relative: **Lower**
Actual: **8 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		2007-01-01 00:00:00.0
Handler Name:	EMPIRE TRANSIT MIX INC	
Handler Address:		430 MASPETH AVE
Handler City,State,Zip:		BROOKLYN, NY 11237
EPA ID:		NYN008015661
Contact Name:		JANICE AMERUSO
Contact Address:		MASPETH AVE
Contact City,State,Zip:		BROOKLYN, NY 11237
Contact Telephone:		718-384-3000
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		02
Land Type:		Private
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		NY

EMPIRE TRANSIT MIX INC (Continued) **1010325157**

State District:	NYSDEC R2
Mailing Address:	MASPETH AVE
Mailing City,State,Zip:	BROOKLYN, NY 11237
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No

EMPIRE TRANSIT MIX INC (Continued) **1010325157**

Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Historic Generators:
Receive Date: 2006-04-25 00:00:00.0
Handler Name: EMPIRE TRANSIT MIX INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2006-04-24 00:00:00.0
Handler Name: EMPIRE TRANSIT MIX INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2007-01-01 00:00:00.0
Handler Name: EMPIRE TRANSIT MIX INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported

EMPIRE TRANSIT MIX INC (Continued) **1010325157**

Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 2005-03-18 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: R2
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

FINDS:
Registry ID: 110004487243

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport,

EMPIRE TRANSIT MIX INC (Continued) **1010325157**

and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1010325157
Registry ID:	110004487243
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004487243
Name:	TRANSCON LINES TERMINAL
Address:	430 MASPETH AVE
City,State,Zip:	BROOKLYN, NY 11211

D177 **GPB WASTE NY DBA NY/NJ RECYCLING (FORMERLY RAPID P** **NY SWRCY** **S120839218**
SSE **58-35 47TH STREET** **N/A**
< 1/8 **MASPETH, NY 11378**
0.060 mi.
315 ft. **Site 4 of 5 in cluster D**

Relative: Higher

Actual: 13 ft.

SWRCY:

Name:	GPB WASTE NY DBA NY/NJ RECYCLING (FORMERLY RAPID PROCESSING)
Address:	58-35 47TH STREET
City,State,Zip:	MASPETH, NY 11378
Region:	2
Facility Address 2:	Not reported
Phone Number:	7183490500
Owner Type:	Private
Owner Name:	GPB Waste NY LLC
Owner Address:	535 West 24th Street
Owner Address 2:	Not reported
Owner City,St,Zip:	New York, NY 10011
Owner Email:	Not reported
Owner Phone:	2122352650
Contact Name:	Jose Ortiz
Contact Address:	Not reported
Contact Address 2:	Not reported
Contact City,St,Zip:	NY
Contact Email:	jose@rapidprocessingllc.com
Contact Phone:	7183490500
Activity Desc:	RHRF - registration
Activity Number:	[41M13]
Active:	Yes
East Coordinate:	591077
North Coordinate:	4507948
Accuracy Code:	Not reported
Regulatory Status:	Registration
Permit #:	41M13
Auth. Date:	Not reported
Expiration Date:	Not reported
Waste Types:	Commingled Paper;Paper / Cardboard
Operator Name:	Not reported
Operator Type:	Not reported
Last Date:	1/10/2017

D178 **NMS WASTE PAPER** **NY SWRCY** **S105842307**
SSE **58-35 47TH STREET** **NY Spills** **N/A**
< 1/8 **MASPETH, NY 11378**
0.060 mi.
315 ft. **Site 5 of 5 in cluster D**

Relative:
Higher

Actual:
13 ft.

SWRCY:

Name:	NMS WASTE PAPER
Address:	58-35 47TH STREET
City,State,Zip:	MASPETH, NY 11378
Region:	2
Facility Address 2:	Not reported
Phone Number:	7183811319
Owner Type:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	MICHAEL J. SINISI
Contact Address:	Not reported
Contact Address 2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	RHRF - registration
Activity Number:	[41M13]
Active:	No
East Coordinate:	591200
North Coordinate:	4508400
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Permit #:	2-6304-00296
Auth. Date:	8/21/1992
Expiration Date:	8/21/1997
Waste Types:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Last Date:	Not reported

SPILLS:

Name:	WASTE PAPER REMOVAL COMPA
Address:	58-35 47TH STREET
City,State,Zip:	MASPETH QUEENS, NY
Spill Number/Closed Date:	0404192 / 2005-01-31
Facility ID:	0404192
Facility Type:	ER
DER Facility ID:	229102
Site ID:	282212
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	4101
Spill Date:	2004-07-19
Investigator:	MXTIPPLE
Referred To:	Not reported
Reported to Dept:	2004-07-19
CID:	408

NMS WASTE PAPER (Continued) **S105842307**

Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2004-07-19
Spill Record Last Update:	2005-02-01
Spiller Name:	JOEL ADRIAN
Spiller Company:	SHOCK WOODFORD COMPANY
Spiller Address:	5 WEST MAIN ST SUITE 109
Spiller Company:	001
Contact Name:	JOEL ADRIAN
DEC Memo:	"12/23/04 Tipple updating//all prior notes lost in database// Tipple has conducted two site visits, the last of which was 12/22 PM. There had been a machinery problem in the recycling facility which required the excavation of a large area of the floor. Tipple met with Joel Adrian of the Jacques Whitford company to conduct a visual/ olfactory inspection of the excavation. The excavation was approximately 20-25' long by 10-12' wide and extended about 6 foot below the floor surface. The excavation revealed no visual, olfactory /PID evidence of petroleum products, what the excavation did reveal was broken brick, some concrete, glass and what I observed to be clean brown soil. Jacques Whitford will grab one sample from this excavation and advance two geoprobe borings to groundwater and collect samples from the soil/water interface. The results of the three above described samples will be used to determine weather any additional actions will be required. 12/29/04 tipple delivering a STIP and CAP to the site while the two additional borings are being advanced. Upon arrival at the site, the Rig was too large to maneuver through the available space, the additional borings have been tentatively rescheduled for next Tuesday Jan. 4, 05 1/31/05 reviewed submission, discussed with DEC Attorney Nehila, Oliva & Nehila ok with closing if data is ok. Data has some SVOC exceedances which can be associated with the broken asphalt pieces in the urban fill material which I witnessed in the excavation. NFA letter written including a caveat which reads if excavation is to proceed, a health and safety plan must be followed. "
	Not reported
Remarks:	"11/18/04 site mtg. with contractor, purchaser, and agent. Discussed the future actions necessary to attain a NFA."

All Materials:

Site ID:	282212
Operable Unit ID:	887419
Operable Unit:	01
Material ID:	488202
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	L
Recovered:	.00
Oxygenate:	Not reported

F179 **NYC SANITATION** **NY LTANKS** **S109829710**
NNE **58-02 48TH STREET** **N/A**
< 1/8 **MASPETH AVE, NY**
0.103 mi.
546 ft. **Site 1 of 2 in cluster F**

Relative: **Higher**
Actual: **14 ft.**

LTANKS:

Name:	NYC SANITATION
Address:	58-02 48TH STREET
City,State,Zip:	MASPETH AVE, NY
Spill Number/Closed Date:	0903862 / 2011-01-07
Facility ID:	0903862
Site ID:	415994
Spill Date:	2009-07-02
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	D4
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	LXZIELIN
Referred To:	Not reported
Reported to Dept:	2009-07-02
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2009-07-02
Spill Record Last Update:	2011-01-07
Spiller Name:	Not reported
Spiller Company:	NYC SANITATION
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	JAY SHAW
Spiller Phone:	(718) 334-9138
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	365062
DEC Memo:	"ttf sent to: Al Mignone Dept of Sanitation Bureau of Bldg Maintenance. 52-35 58th St. Woodside 11377 7/29/09 Yesterday, there was a PBS inspection at this site. Tank was repaired and retested. Tank passed tightness test. Repair made at tank top. No sign of a product release. Al Mignone of DSNY will provide documentation to DEC on Tuesday for closure of the spill. bf 08/10/09. According to DSNY (see eDocs) removal of the failed tank (#10) and if necessary remediation is currently scheduled for the first quarter of 2010. JK. 2/17/10 Received e-mail from V. Aromsombatee with attached letter stating that due to snow emergencies, tank will be removed in April 2010. Letter is in e-docs. bf 01/07/11 - LZ The report (edocs) indicates that the tank was remowed and the soil sample taken below the bottom of the tank shows no contamainted soila above 375-6.(8) - unrestrictive use. The spill case is closed. "
Remarks:	"1458 The caller stated the system test failed. NYC Sanitation will be conducting the fixing of teh equipment. 1601 DISPATCH RECEIVED A CALL FROM MICHAEL SEPPE ADVISING OF AN ADDITIONAL TANK TEST FAILURE. THE LOCAITON IS THE SAME SITE. THE CALLER IS REQUESTING A CALL BACK

NYC SANITATION (Continued) **S109829710**

@516-818-8767."

All Materials:
Site ID: 415994
Operable Unit ID: 1172315
Operable Unit: 01
Material ID: 2164178
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Oxygenate: Not reported

G180 **CIPICO CONSTRUCTION, INC.** **NY UST** **U001854655**
North **58-08 48TH STREET** **N/A**
< 1/8 **MASPETH, NY 11378**
0.105 mi.
555 ft. **Site 1 of 3 in cluster G**

Relative:
Higher

Actual:
13 ft.

UST:
Name: CIPICO CONSTRUCTION, INC.
Address: 58-08 48TH STREET
City,State,Zip: MASPETH, NY 11378
Id/Status: 2-601565 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 08/10/2023
UTM X: 591017.26388
UTM Y: 4508299.01210
Site Type: Trucking/Transportation/Fleet Operation

Affiliation Records:
Site Id: 23527
Affiliation Type: Mail Contact
Company Name: CIPICO CONSTRUCTION, INC.
Contact Type: Not reported
Contact Name: DOMENICK CIPOLLONE
Address1: 58-08 48TH STREET
Address2: Not reported
City: MASPETH
State: NY
Zip Code: 11378
Country Code: 001
Phone: (718) 628-5555
EMail: ADCCONSTRUCTION@VERIZON.NET
Fax Number: Not reported
Modified By: MFLEONAR
Date Last Modified: 2017-08-22

Site Id: 23527
Affiliation Type: Emergency Contact
Company Name: CIPICO CONSTRUCTION, INC.
Contact Type: Not reported
Contact Name: DOMENICK CIPOLLONE

CIPICO CONSTRUCTION, INC. (Continued) **U001854655**

Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 628-5555
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-08-22

Site Id:	23527
Affiliation Type:	Facility Owner
Company Name:	CIPICO CONSTRUCTION, INC.
Contact Type:	OFFICE MANAGER
Contact Name:	MICHAEL G. SCHNEIDER
Address1:	58-08 48TH STREET
Address2:	Not reported
City:	MASPETH
State:	NY
Zip Code:	11378
Country Code:	001
Phone:	(718) 628-5555
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-08-22

Site Id:	23527
Affiliation Type:	Facility Operator
Company Name:	CIPICO CONSTRUCTION, INC.
Contact Type:	Not reported
Contact Name:	MICHAEL SCHNEIDER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 628-5555
EMail:	Not reported
Fax Number:	Not reported
Modified By:	AYLAGATI
Date Last Modified:	2017-06-05

Tank Info:

Tank Number:	00001
Tank ID:	46881
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	1000
Install Date:	08/01/1993
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground

CIPICO CONSTRUCTION, INC. (Continued) **U001854655**

Tank Type: Fiberglass coated steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: DAFRANCI
Last Modified: 04/17/2019

Equipment Records:

F02 - Pipe External Protection - Original Sacrificial Anode
H05 - Tank Leak Detection - In-Tank System (ATG)
E04 - Piping Secondary Containment - Double walled UG
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
G04 - Tank Secondary Containment - Double-Walled (Underground)
B05 - Tank External Protection - Jacketed

Tank Number: 00002
Tank ID: 56591
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 2000
Install Date: 08/01/1993
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Fiberglass coated steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: DAFRANCI
Last Modified: 04/17/2019

Equipment Records:

F02 - Pipe External Protection - Original Sacrificial Anode
H05 - Tank Leak Detection - In-Tank System (ATG)
E04 - Piping Secondary Containment - Double walled UG
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
C02 - Pipe Location - Underground/On-ground
K01 - Spill Prevention - Catch Basin

CIPICO CONSTRUCTION, INC. (Continued) **U001854655**

I02 - Overfill - High Level Alarm
G04 - Tank Secondary Containment - Double-Walled (Underground)
B05 - Tank External Protection - Jacketed

G181 **NYC DEPT OF SANITATION TTF** **NY LTANKS** **S109829685**
North **58-08 48TH ST** **N/A**
< 1/8 **MASPETH, NY**
0.105 mi.
555 ft. **Site 2 of 3 in cluster G**

Relative: **Higher**
Actual: **13 ft.**

LTANKS:

Name:	NYC DEPT OF SANITATION TTF
Address:	58-08 48TH ST
City,State,Zip:	MASPETH, NY
Spill Number/Closed Date:	0905531 / 2009-08-19
Facility ID:	0905531
Site ID:	417798
Spill Date:	2009-07-02
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	smsanges
Referred To:	Not reported
Reported to Dept:	2009-08-12
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2009-08-12
Spill Record Last Update:	2009-08-19
Spiller Name:	JAY SHAW
Spiller Company:	NYC DEPT OF SANITATION
Spiller Address:	58-08 48TH ST
Spiller County:	999
Spiller Contact:	JAY SHAW
Spiller Phone:	(718) 334-9138
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	366941
DEC Memo:	"Mr. Jay Shaw NYC Dept of Sanitation 52-35 58th St - Room 410 Woodside, NY 11377 8/19/2009 Sanitation sent a report saying the suction line had a leak at a check valve. Valve was replaced, system retested and passed. No spill or contmaination found. Spill Closed. Test documents forwarded to PBS group for inclusion in PBS documents."
Remarks:	Not reported "TANK TEST FAILURE ON A 550 GALLON UST. SUCTION LINE FAILED."

All Materials:

Site ID:	417798
Operable Unit ID:	1174009
Operable Unit:	01
Material ID:	2166231

NYC DEPT OF SANITATION TTF (Continued) **S109829685**

Material Code:	0010
Material Name:	hydraulic oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

G182 **MASPETH RECYCLING INC** **NY SWF/LF** **S105841245**
North **58-08 48 STREET** **N/A**
< 1/8 **MASPETH, NY 11106**
0.105 mi.
555 ft. **Site 3 of 3 in cluster G**

Relative: **Higher**

Actual: **13 ft.**

SWF/LF:

Name:	MASPETH RECYCLING INC
Address:	58-08 48 STREET
City,State,Zip:	MASPETH, NY 11106
Flag:	ACTIVE
Region Code:	2
Phone Number:	7186281290
Owner Name:	Domenick Cipollone
Owner Type:	Private
Owner Address:	58-08 48th Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Maspeth, NY 11378
Owner Email:	Not reported
Owner Phone:	7186285555
Contact Name:	Mike Schneider
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	NY
Contact Email:	adcconstruction@verizon.net
Contact Phone:	7186281290
Activity Desc:	C&D processing - registration
Activity Number:	[41W39]
Active:	Yes
East Coordinate:	591000
North Coordinate:	4508900
Accuracy Code:	2.1 - NYSDEC 100 m grid collection
Regulatory Status:	Registration
Waste Type:	Concrete;Asphalt;Soil (Clean);Sand
Authorization #:	41W39
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	2/7/2019

H183 **ABF FREIGHT SYSTEM INC** **NY Spills** **S102147083**
WSW **414 MASPETH AVE** **NY MANIFEST** **N/A**
< 1/8 **BROOKLYN, NY 11211** **NY SPDES**
0.111 mi.
584 ft. **Site 1 of 2 in cluster H**

Relative: **Higher**

Actual: **11 ft.**

SPILLS:

Name:	ABF FREIGHT SYSTEMS
Address:	414 MASPETH AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9611489 / 2015-12-14
Facility ID:	9611489
Facility Type:	ER
DER Facility ID:	104353
Site ID:	120167
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C3
SWIS:	2401
Spill Date:	1996-12-18
Investigator:	vszhune
Referred To:	Not reported
Reported to Dept:	1996-12-18
CID:	252
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1996-12-18
Spill Record Last Update:	2016-03-29
Spiller Name:	HARRY MURPHY
Spiller Company:	ABF FREIGHT SYSTEMS
Spiller Address:	414 MASSPETH AVE
Spiller Company:	001
Contact Name:	HARRY MURPHY
DEC Memo:	"2/9/06, Dyber: Received letter from GZA asking for extension for Remedial action Plan (RAP) submission. Remedial Action Plan is expected by April 14. Next Step: Review Remedial Action Plan when it arrives. 12/20/05, Dyber: Left message for Maria Ramirez of GZA about status of RI Report 10/25-10/26/05, Dyber: Kerry Maloney oversaw sampling at site. 8/24/05, Dyber: Approved remedial investigation work plan. 8/11/05, Dyber: Ben Alter told me that he would email the work plan to me by tomorrow. 7/22/05, Dyber: Ben Alter has not received authorization from client. He will call client today and call me when he has authorization. 6/28/05: Ben Alter promised a work plan to investigate soil and groundwater contamination by 7/22/05. 6/21/05: Spoke with Ben Alter of GZA (973) 256-7800. Told him that we need evidence that tank was removed and soil contamination was cleaned up. Also told him we will need more groundwater investigation. He will call me on 6/28/05 after speaking with client. Prior to Sept, 2004 data translation this spill Lead_DEC Field was ROMMEL 4/12/04-Vought-Spill transferred from Tibbe to Rommel as per Rommel. Spill transferred back to Region 2 3/10/08 - Austin - Spill assigned to Ahmed for followup - end 10/27/11 - Austin - Transferring

ABF FREIGHT SYSTEM INC (Continued) **S102147083**

this case from Ahmed to Zhune - end 10/23/13-Zhune visited the site met Matt Kuczonski (Branch Manager). He took me to the back and showed me the location of a gas station that was closed in 1995. He also showed me the location of a aboveground heating oil tank that supply with heat the shaft. He said the building use gas as a heating system. He will seach for closure report. 10/28/13-Zhune called Benjamin Alter from GZA. He said next week he will send the Remedial Action Work Plan. 01/12/14- Zhune sent an email to Benjamin resquesting the 2000 report (installation of the three wells), the 2005 report. and the appendixes for the 2006 report. 8/5/14-Zhune reviewed the reports and sent a letter requesting the following. 1.-Collection of new round of groundwater samples and determination of groundwater flow direction. 2/12/16- Benjamin emailed the Site Investigatio Report dated April 13, 2000 The report stated that on December-1996 Enviro- Logical Solutions , Inc. supervised the removal of ten diesel containing underground tanks (USTs) from the site. Enviro- Logical Solutions noted evidence of petroleum release and notified NYSDEC. In a letter dated January 27, 2000 NYSDEC required that three monitoring wells be installed to investigate for soil and groundwater at the site. On February 28, 2000, Aquifer Drilling and testing installed three soil borings (MW-1, MW-2, MW-3)in the vicinity of the former UST excavation to depth of approximately 12 to 13 feet bgs and completed them as monitoring wells. The soil analytical results indicated detected SVOCs in the soil samples collected which are consistent with the presence of historic fill in this area. The soil sample from MW-3 was the only sample to contain detectable concentrations of VOCs slightly in excess of the NYSDEC CP-51 guidance. The groundwater from monitoring well MW-3 contains the highest concentration of MTBE, elevated concentrations of total BTEX compounds, and is downgradient of the Gaseteria property but cross-gradient of the former UST excavation. Groundwater from well MW-2 detected elevated levels of BTEX. 2/12/16- Benjamin sent the Remedial Investigation Report dated December 2005. On August 12, 2005, GZA submitted the Remedial Investigation Workplan (RIW) to comply with the additional requirements listed in NYSDEC letter dated August 15, 2005. The RIW was revised on August 19, 1005 and approved by NYSDEC on August 24, 2005. The subsurface investigation was to complete the delineation of the soil and the groundwater contamination documented in GZA’s Site Investigation Report (SIR) dated April 13, 2000 and to address additional sampling activity requirements indicated by Mr. Jeffrey Dyber, NYSDEC Case manager. GZA completed the following activities in accordance with the revised RIW 1. Inspect the conditions of the three existing wells 2. Install thirteen additional soil borings 3. Complete six of the borings as permanent monitoring wells. Two of these wells replaced MW2-and MW-3 since they could not be located despite several attempts by GZA and ABF personnel to find them. 4. Collect soil samples for laboratory analysis at 6 inch discrete intervals; 5. Collect groundwater samples for laboratory analysis from six newly installed wells and one pre existing (MW-1); 6. Complete a relative survey of all wells to determine groundwater elevations and flow direction; 7 Prepare a RIR for NYSDEC submittal. The soil analytical data indicated that VOC contaminated soils were present in the southern portion of the tank excavation, There was a slight exceedance of benzene in the soil sample collected in the southwest boundary of the site. SVOCs were consistently found in most of the soil borings to approximately 9.00 feet bgs. Groundwater monitoring well MW-3R installed at the southern

ABF FREIGHT SYSTEM INC (Continued) **S102147083**

end of the former UST excavation, contained the highest concentrations of BTEX compound observed at the site with some of the heavier VOC concentration above regulatory standards. The concentrations of target VOC compounds appear to decrease to the north and northeast and the south and east of the former UST excavation. 2/12/16- Benjamin Alter sent the Remedial Investigation Report dated December 2006 A January 2006 letter from NYSDEC requested that a RAWP be prepared to address the remediation of the on -Site contamination. In response to this letter, GZA conducted a feasibility study to obtain additional soil and groundwater information for the design of a remedial action work plan. Based on the results of the feseability study, GZA prepared a RAWP. In this report, GZA completed the following activities : 1. File review of the former Gaseteria facility, the adjacent property to the west ; 2. Install three shalloew soil borings to the top of the water table to delineate VOC and SVOC contamination in the site soil 3. Complete one boring as a permanent monitoring well and two borings as temporary monitoring wells; 4. Install one shallow boring in the former tank excavation to characteriza the impacted fill; 5. Install one deep soil boring to obtain a vertical profile of the soil and locate a competent confining layer; and 6. Collect groundwater samples for laboratory analysis from four permanent groundwater monitoring wells and two temporary wells. The feseability study detected high levels of metals in the soil and groundwater, which would affect the in situ remediation technologies that were under the consideration for the site. Based on this findings, GZA does not recommend in situ remediation, but recommends physical removal of the impacted soil and groundwater as the optimal remedial action for the site. During the soil excavation, groundwater and the free product will be pumped out of the excavation area. The excavation area will be backfilled to grade and covered with asphalt. After the soil is backfilled, groundwater monitoring wells will be installed in the remediation area and the groundwater will be monitored. Basedonthe evidence described in section #3. GZA reiterates its recommendation that the state designate the contamination detected on the portion of the site south of monitoring wells MW-5 and MW-7 as background contamination, and hold Ditmas oil responsible for its remediation. With the state’s approval, ABF will remediate the impacted soils and groundwater to the north of these well points. 8/7/15-Benjamin sent the following email The purpose of this email is to document GZA s observations at the above-referenced Site. In a telephone conversation with you and Jeffrey Vought of DEC, it was agreed that groundwater samples should be collected from all existing on-site monitoring wells. If there was no order-of-magnitude increase in the concentrations of one or more compounds in any monitoring wells, then DEC would close the spill case. GZA visited the Site on July 22. The area had recently been repaved, and no wells could be found. GZA returned to the Site a couple of days later and used a hand-held magnetometer in an attempt to locate the wells. We believe that we located MW-5, MW-6, and MW-7 (see attached map). Please let me know if accessing these wells would be sufficient to comply with DEC s directives. 8/10/15-Zhune sent the following email to Benjamin, I discussed your email dated August 2, 1015 with my supervisor for the above site. Based on the submitted documentation to date, accessing MW-5, MW-6 and MW-7 would be sufficient to comply with the Department directions."

Remarks: "UNDER GROUND TANK WITH UNKNOWN PROBLEM WAS DISCOVERED THIS DATE SHOWING SOIL CONTAMINATION-TANK TO BE REMOVED AND SITE INVESTIGATION

ABF FREIGHT SYSTEM INC (Continued) **S102147083**

TO TAKE PLACE"

All Materials:

Site ID:	120167
Operable Unit ID:	1039513
Operable Unit:	01
Material ID:	340131
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	414 MASPETH
Address:	414 MASPETH
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9307925 / 1993-09-28
Facility ID:	9307925
Facility Type:	ER
DER Facility ID:	266509
Site ID:	331365
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	2401
Spill Date:	1993-09-29
Investigator:	AIR UNIT
Referred To:	AIR UNIT
Reported to Dept:	1993-09-29
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	DEC
Cleanup Ceased:	1993-09-28
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1993-09-30
Spill Record Last Update:	2004-09-30
Spiller Name:	Not reported
Spiller Company:	GASETERIA SUPPLIER
Spiller Address:	365 MASPETH AVE
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was REFER TO AIR/CA 10/10/95: This is additional information about material spilled from the translation of the old spill file: FUMES."
Remarks:	"ONGOING GAS FUMES FROM GASETERIA."

All Materials:

Site ID:	331365
Operable Unit ID:	986446

ABF FREIGHT SYSTEM INC (Continued) **S102147083**

Operable Unit:	01
Material ID:	561674
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

Name:	ABF FREIGHT TERMINAL
Address:	414 MASPETH AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	2009179 / Not Reported
Facility ID:	2009179
Facility Type:	ER
DER Facility ID:	104353
Site ID:	616161
DEC Region:	2
Spill Cause:	Human Error
Spill Class:	Not reported
SWIS:	2401
Spill Date:	2021-02-01
Investigator:	EJKIM
Referred To:	Not reported
Reported to Dept:	2021-02-03
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	1
Date Entered In Computer:	2021-02-03
Spill Record Last Update:	2021-02-03
Spiller Name:	Not reported
Spiller Company:	ABF FREIGHT TERMINAL
Spiller Address:	414 MASPETH AVE
Spiller Company:	999
Contact Name:	MATT ANDRLE
DEC Memo:	"2/3/21 - Kim - Desk Duty - I called Matt Andrle with ERTS. Matt received a call from ABF Corporate reporting that they discovered a punctured 275 gallon tote containing corn ethanol today. The spill occurred on concrete in the terminal and no soil or water was impacted. When trying to pick up the tote, half of the contents appeared to have leaked out. The ethanol that leaked out has all evaporated already and there is no spilled liquid remaining on the floor. There were no reported odor issues. The remaining ethanol in the tote will be considered waste and will be picked up for disposal by First Call Environmental, who are scheduled to be onsite tomorrow starting at 10AM."
Remarks:	"NS ethyl corn 190 proof lost to pavement. cleanup pending"

ABF FREIGHT SYSTEM INC (Continued) **S102147083**

All Materials:

Site ID:	616161
Operable Unit ID:	1363283
Operable Unit:	01
Material ID:	2375478
Material Code:	9999
Material Name:	other - NS ethylCorn 190 proof
Case No.:	Not reported
Material FA:	Other
Quantity:	135.00
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

NY MANIFEST:

Name:	ABF INC
Address:	414 MASPETH AVE
City,State,Zip:	BROOKLYN, NY
Country:	USA
EPA ID:	NYP000955278
Facility Status:	Not reported
Location Address 1:	414 MASPETH AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	Not reported
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP000955278
Mailing Name:	ABF INC
Mailing Contact:	N/S
Mailing Address 1:	414 MASPETH AVE
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11211
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	N/S

NY MANIFEST:

Document ID:	NYG3227868
Manifest Status:	Not reported
seq:	01
Year:	2003
Trans1 State ID:	Not reported
Trans2 State ID:	Not reported
Generator Ship Date:	07/17/2003
Trans1 Recv Date:	07/17/2003
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/17/2003
Part A Recv Date:	Not reported

ABF FREIGHT SYSTEM INC (Continued) **S102147083**

Part B Recv Date:	Not reported
Generator EPA ID:	NYP000955278
Trans1 EPA ID:	NYR000065169
Trans2 EPA ID:	Not reported
TSDF ID 1:	NYD049178296
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00900
Units:	P - Pounds
Number of Containers:	003
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	01000
Units:	P - Pounds
Number of Containers:	005
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00250
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00

SPDES:

Name: ABF FREIGHT SYSTEM INC

ABF FREIGHT SYSTEM INC (Continued) **S102147083**

Address:	414 MASPETH AVE
City,State,Zip:	BROOKLYN, NY 11211
Permit Number:	NYR00F590
State-Region:	02
Expiration Date:	09/30/2017
Current Major Minor Status:	Minor
Primary Facility SIC Code:	Not reported
State Water Body Name:	ENGLISH KILLS
Limit Set Status Flag:	Active
Total Actual Average Flow(MGD):	Not reported
Total App Design Flow(MGD):	Not reported
UDF1:	Not reported
Lat/Long:	40.717 / -73.917
DMR Cognizant Official:	Not reported
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY047
Non-Gov Permit Affiliation Type Desc:	DMR Mailing Address
Non-Gov Permit Org Formal Name:	ABF FREIGHT SYSTEM, INC
Non-Gov Permit Street Address:	ABF FREIGHT SYSTEM, INC
Non-Gov Permit Supplemental Location:	3804 OLD GREENWOOD RD
Non-Gov Permit City:	FORT SMITH
Non-Gov Permit State Code:	AR
Non-Gov Permit Zip Code:	72903
Non-Gov Facility Affiliation Type Desc:	Not reported
Non-Gov Facility Org Formal Name:	Not reported
Non-Gov Facility Street Address:	Not reported
Non-Gov Facility Supplemental Location:	Not reported
Non-Gov Facility City:	Not reported
Non-Gov Facility State Code:	Not reported
Non-Gov Facility Zip Code:	Not reported
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported
Name:	ABF FREIGHT SYSTEM INC
Address:	414 MASPETH AVE
City,State,Zip:	BROOKLYN, NY 11211
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY047
Non-Gov Permit Affiliation Type Desc:	Permittee
Non-Gov Permit Org Formal Name:	ABF FREIGHT SYSTEM INC
Non-Gov Permit Street Address:	3801 OLD GREENWOOD RD
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	FORT SMITH
Non-Gov Permit State Code:	AR
Non-Gov Permit Zip Code:	72903
Non-Gov Facility Affiliation Type Desc:	Not reported

ABF FREIGHT SYSTEM INC (Continued) **S102147083**

Non-Gov Facility Org Formal Name:	Not reported
Non-Gov Facility Street Address:	Not reported
Non-Gov Facility Supplemental Location:	Not reported
Non-Gov Facility City:	Not reported
Non-Gov Facility State Code:	Not reported
Non-Gov Facility Zip Code:	Not reported
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

Name:	ABF FREIGHT SYSTEM INC
Address:	414 MASPETH AVE
City,State,Zip:	BROOKLYN, NY 11211
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY047

Non-Gov Permit Affiliation Type Desc:	Not reported
Non-Gov Permit Org Formal Name:	Not reported
Non-Gov Permit Street Address:	Not reported
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	Not reported
Non-Gov Permit State Code:	Not reported
Non-Gov Permit Zip Code:	Not reported
Non-Gov Facility Affiliation Type Desc:	Not reported
Non-Gov Facility Org Formal Name:	Not reported
Non-Gov Facility Street Address:	Not reported
Non-Gov Facility Supplemental Location:	Not reported
Non-Gov Facility City:	Not reported
Non-Gov Facility State Code:	Not reported
Non-Gov Facility Zip Code:	Not reported
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

H184 **ABF FREIGHT SYSTEM, INC.** **NY UST** **U000417809**
WSW **414 MASPETH AVE** **N/A**
< 1/8 **BROOKLYN, NY 11211**
0.111 mi.
584 ft. **Site 2 of 2 in cluster H**

Relative: UST:
Higher

Name:	ABF FREIGHT SYSTEM, INC.
Address:	414 MASPETH AVE
City,State,Zip:	BROOKLYN, NY 11211
Id/Status:	2-015962 / Unregulated/Closed
Program Type:	PBS

Actual:
11 ft.

ABF FREIGHT SYSTEM, INC. (Continued) **U000417809**

Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	590490.65407
UTM Y:	4508048.13825
Site Type:	Trucking/Transportation/Fleet Operation

Affiliation Records:

Site Id:	98
Affiliation Type:	Facility Owner
Company Name:	ABF FREIGHT SYSTEM, INC.
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	PO BOX 10048
Address2:	Not reported
City:	FORT SMITH
State:	AR
Zip Code:	72917
Country Code:	001
Phone:	(501) 785-8639
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	98
Affiliation Type:	Mail Contact
Company Name:	ABF FREIGHT SYSTEM, INC.
Contact Type:	Not reported
Contact Name:	CHRIS BROWN
Address1:	PO BOX 10048
Address2:	Not reported
City:	FORT SMITH
State:	AR
Zip Code:	72917
Country Code:	001
Phone:	(501) 785-8639
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	98
Affiliation Type:	Facility Operator
Company Name:	ABF FREIGHT SYSTEM, INC.
Contact Type:	Not reported
Contact Name:	HARRY MURPHY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 497-2461
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

ABF FREIGHT SYSTEM, INC. (Continued) **U000417809**

Site Id:	98
Affiliation Type:	Emergency Contact
Company Name:	ABF FREIGHT SYSTEM, INC.
Contact Type:	Not reported
Contact Name:	HARRY MURPHY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 497-2461
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	001
Tank ID:	26913
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	12/01/1969
Date Tank Closed:	12/01/1996
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	ZZ
Date Test:	07/01/1992
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Tank Number:	002
Tank ID:	26914
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	12/01/1969

ABF FREIGHT SYSTEM, INC. (Continued) **U000417809**

Date Tank Closed: 12/01/1996
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: ZZ
Date Test: 07/01/1992
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
F00 - Pipe External Protection - None

Tank Number: 003
Tank ID: 26915
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1969
Date Tank Closed: 12/01/1996
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: ZZ
Date Test: 07/01/1992
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None

ABF FREIGHT SYSTEM, INC. (Continued) **U000417809**

Tank Number:	004
Tank ID:	26916
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	12/01/1969
Date Tank Closed:	12/01/1996
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	ZZ
Date Test:	07/01/1992
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Tank Number:	005
Tank ID:	26917
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	12/01/1969
Date Tank Closed:	12/01/1996
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	ZZ
Date Test:	07/01/1992
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None

ABF FREIGHT SYSTEM, INC. (Continued) **U000417809**

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Tank Number: 006
Tank ID: 26918
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1969
Date Tank Closed: 12/01/1996
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: ZZ
Date Test: 07/01/1992
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping

Tank Number: 007
Tank ID: 26919
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1969
Date Tank Closed: 12/01/1996
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: ZZ
Date Test: 07/01/1992
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

ABF FREIGHT SYSTEM, INC. (Continued) **U000417809**

Equipment Records:

A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number:	008
Tank ID:	26920
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	12/01/1969
Date Tank Closed:	12/01/1996
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	ZZ
Date Test:	07/01/1992
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Tank Number:	009
Tank ID:	26921
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	12/01/1969
Date Tank Closed:	12/01/1996
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline

ABF FREIGHT SYSTEM, INC. (Continued) **U000417809**

Tightness Test Method: ZZ
Date Test: 07/01/1992
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping

Tank Number: 010
Tank ID: 26922
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1969
Date Tank Closed: 12/01/1996
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: ZZ
Date Test: 07/01/1992
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

185
ENE
< 1/8
0.121 mi.
637 ft.

S AND S WAREHOUSE
57-10 49TH PL
QUEENS, NY

NY Spills **S106018822**
N/A

Relative:
Higher

Actual:
14 ft.

SPILLS:

Name:	S AND S WAREHOUSE
Address:	57-10 49TH PL
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	0307208 / 2003-12-16
Facility ID:	0307208
Facility Type:	ER
DER Facility ID:	263907
Site ID:	327829
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	4101
Spill Date:	2003-10-08
Investigator:	CESAWYER
Referred To:	Not reported
Reported to Dept:	2003-10-08
CID:	270
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Fire Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2003-10-08
Spill Record Last Update:	2004-03-29
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	CALLER
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was SAWYER 10/7/03 1700 Hrs - Sawyer - Responded to the site. Met FDNY on their way out and talked to FF Carbone as well as the owner Mr. Stephen Duffy. He explained that the FDNY had traced the smell all the way up to the roof before they lost PID reading. I was thoroughly through the warehouse and could not find the source. The smell was strongest in a catch basin and the bathroom. It may have been a loose cap or pipe. NYCDEP's Celeste Okoli showed up near the end of my visit and I thought he was going to request an industrial waste audit on the sewers in the area. He did not. 10/8/03 1000 Hrs - Sawyer - The owner Mr. Duffy called metoday to say that his neighbor's bathroom was now being impacted and was saturated with the smell. I went back to the site and waited 1 hour for Andy Kelly to show and PID meter the same catch basin. I think DEP will handle the situation from here on. Closed. "
Remarks:	"unknown fumes coming from building. request call back"

All Materials:

Site ID:	327829
Operable Unit ID:	875960

S AND S WAREHOUSE (Continued) **S106018822**

Operable Unit:	01
Material ID:	500769
Material Code:	0064A
Material Name:	unknown material
Case No.:	Not reported
Material FA:	Other
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

F186 **DAVID AND WARSAOW** **NY Spills** **S104879582**
North **57-02 48TH ST** **N/A**
< 1/8 **QUEENS, NY**
0.121 mi.
641 ft. **Site 2 of 2 in cluster F**

Relative: **Higher**

Actual: **13 ft.**

SPILLS:

Name:	SPILL NUMBER 0009357
Address:	57-02 48TH ST
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	0009357 / 2000-11-14
Facility ID:	0009357
Facility Type:	ER
DER Facility ID:	240357
Site ID:	297031
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	B3
SWIS:	4101
Spill Date:	2000-10-05
Investigator:	MXTIPPLE
Referred To:	Not reported
Reported to Dept:	2000-11-14
CID:	257
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2000-11-14
Spill Record Last Update:	2000-11-15
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	ALEX AVRASEN
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIPPLE 11/14/2000 SPOKE WITH ALEX AVRASEN FROM COSMOS ENVIR. HE DESCRIBED THE UNKNOWN MATERIAL AS A CHEMICAL PRODUCT ONCE USED IN DYE STAMPING. A CHEMICAL THAT WAS USED 30-40 YEARS AGO TO CLEAN METAL. SOMETHING THAT LOOKED LIKE A CHEMICAL PRODUCT, NOT A PETROLEUM. UPON FINDING CONTAMINANTS, HIS CLIENT WALKED AWAY FROM PURCHASING THE

DAVID AND WARSAOW (Continued) **S104879582**

PROPERTY. NO LAB ANALYSIS WAS PERFORMED. REFERRED TO BOTH DEP HAZMAT AND SOLID WASTE."

Remarks: "caller found contamination in soil when he had a client trying to purchase property"

All Materials:

Site ID:	297031
Operable Unit ID:	831646
Operable Unit:	01
Material ID:	543307
Material Code:	0064A
Material Name:	unknown material
Case No.:	Not reported
Material FA:	Other
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	DAVID AND WARSAOW
Address:	57-02 48TH ST
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	0708746 / 2007-11-28
Facility ID:	0708746
Facility Type:	ER
DER Facility ID:	240357
Site ID:	389697
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C3
SWIS:	4101
Spill Date:	2007-11-12
Investigator:	RMPIPER
Referred To:	Not reported
Reported to Dept:	2007-11-12
CID:	77
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Fire Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2007-11-12
Spill Record Last Update:	2007-11-28
Spiller Name:	Not reported
Spiller Company:	DAVID AND WARSAOW
Spiller Address:	57-02 48TH ST
Spiller Company:	001
Contact Name:	FDNY HAZMAT
DEC Memo:	"Jeffrey Ferara 57-02 48TH Street LLC 5602 Arnold Ave Maspeth NY 11378-3322 Pat- 718-894- 7000 11/26/07- Piper inspected spill. Spill was at subletted property, Ferarra Cement. Approx 30 gal form a ruptured saddletank spilled to concrete roadway. The area was speedy dried and removed. As seen upon in inspection, water is frequently

DAVID AND WARSAOW (Continued) **S104879582**

Remarks:	used and enters separator before being discharges to sewer. Closed. " "Spill in yard of above business and address. Per caller no further information available at this time."

All Materials:

Site ID:	389697
Operable Unit ID:	1146830
Operable Unit:	01
Material ID:	2137217
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	30.00
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

I187 **HUB TRUCK RENTAL CORP.** **NY UST** **U000411291**
NNE **56-07 48TH STREET** **N/A**
1/8-1/4 **MASPETH, NY 11378**
0.144 mi.
761 ft. **Site 1 of 4 in cluster I**

Relative:
Higher

Actual:
12 ft.

UST:

Name:	HUB TRUCK RENTAL CORP.
Address:	56-07 48TH STREET
City,State,Zip:	MASPETH, NY 11378
Id/Status:	2-480894 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	07/09/2025
UTM X:	591092.92374
UTM Y:	4508571.13243
Site Type:	Trucking/Transportation/Fleet Operation

Affiliation Records:

Site Id:	21477
Affiliation Type:	Mail Contact
Company Name:	HUB TRUCK RENTAL
Contact Type:	Not reported
Contact Name:	FRED VOLZE
Address1:	56-07 48TH STREET
Address2:	Not reported
City:	MASPETH
State:	NY
Zip Code:	11378
Country Code:	001
Phone:	(718) 729-1653
EMail:	FVOLZE@HUBTRUCK.COM
Fax Number:	Not reported
Modified By:	NTFREEMA
Date Last Modified:	2015-05-22

Site Id:	21477
Affiliation Type:	Emergency Contact
Company Name:	WERWAISS & CO. INC

HUB TRUCK RENTAL CORP. (Continued) **U000411291**

Contact Type:	Not reported
Contact Name:	FRED VOLZE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(516) 924-3215
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2014-08-05

Site Id:	21477
Affiliation Type:	Facility Operator
Company Name:	HUB TRUCK RENTAL CORP.
Contact Type:	Not reported
Contact Name:	CHRISTOPHER GAWARECKI
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 729-1653
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MXLAY
Date Last Modified:	2016-10-27

Site Id:	21477
Affiliation Type:	Facility Owner
Company Name:	WB WERWAISS REALTY LLC
Contact Type:	V.P.
Contact Name:	MITCHELL BLAKE
Address1:	C/O WERWAISS & CO., INC
Address2:	22-15 43RD AVENUE, SUITE 300
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(212) 983-0044
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KXLIU
Date Last Modified:	2020-12-21

Tank Info:

Tank Number:	001
Tank ID:	39095
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	4000
Install Date:	07/01/1982
Date Tank Closed:	Not reported

HUB TRUCK RENTAL CORP. (Continued) **U000411291**

Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	34
Date Test:	07/15/2016
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	LABATIST
Last Modified:	05/20/2019

Equipment Records:

L02 - Piping Leak Detection - Interstitial - Manual Monitoring
B07 - Tank External Protection - Retrofitted Sacrificial Anode
C02 - Pipe Location - Underground/On-ground
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J01 - Dispenser - Pressurized Dispenser
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
G00 - Tank Secondary Containment - None
F07 - Pipe External Protection - Retrofitted Sacrificial Anode

Tank Number:	002
Tank ID:	39096
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	4000
Install Date:	07/01/1982
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	34
Date Test:	07/08/2016
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	LABATIST
Last Modified:	05/20/2019

Equipment Records:

L02 - Piping Leak Detection - Interstitial - Manual Monitoring
G00 - Tank Secondary Containment - None
B07 - Tank External Protection - Retrofitted Sacrificial Anode
C02 - Pipe Location - Underground/On-ground
A00 - Tank Internal Protection - None
J01 - Dispenser - Pressurized Dispenser
D02 - Pipe Type - Galvanized Steel
K01 - Spill Prevention - Catch Basin
E00 - Piping Secondary Containment - None

HUB TRUCK RENTAL CORP. (Continued) **U000411291**

H00 - Tank Leak Detection - None
I02 - Overfill - High Level Alarm
F07 - Pipe External Protection - Retrofitted Sacrificial Anode

Tank Number: 003
Tank ID: 39097
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 07/01/1982
Date Tank Closed: 03/01/1990
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 9999
Common Name of Substance: Other

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 004
Tank ID: 39098
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 2000
Install Date: 07/01/1982
Date Tank Closed: 03/01/1990
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 9999
Common Name of Substance: Other

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

HUB TRUCK RENTAL CORP. (Continued) **U000411291**

A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None

I188 **HUB TRUCK RENTAL CORP.** **NY AST** **A100410445**
NNE **56-07 48TH STREET** **N/A**
1/8-1/4 **MASPETH, NY 11378**
0.144 mi.
761 ft. **Site 2 of 4 in cluster I**

Relative:
Higher

Actual:
12 ft.

AST:

Name:	HUB TRUCK RENTAL CORP.
Address:	56-07 48TH STREET
City,State,Zip:	MASPETH, NY 11378
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-480894
Program Type:	PBS
UTM X:	591092.92374
UTM Y:	4508571.13243
Expiration Date:	07/09/2025
Site Type:	Trucking/Transportation/Fleet Operation

Affiliation Records:

Site Id:	21477
Affiliation Type:	Mail Contact
Company Name:	HUB TRUCK RENTAL
Contact Type:	Not reported
Contact Name:	FRED VOLZE
Address1:	56-07 48TH STREET
Address2:	Not reported
City:	MASPETH
State:	NY
Zip Code:	11378
Country Code:	001
Phone:	(718) 729-1653
EMail:	FVOLZE@HUBTRUCK.COM
Fax Number:	Not reported
Modified By:	NTFREEMA
Date Last Modified:	2015-05-22

Site Id:	21477
Affiliation Type:	Emergency Contact
Company Name:	WERWAISS & CO. INC
Contact Type:	Not reported
Contact Name:	FRED VOLZE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999

HUB TRUCK RENTAL CORP. (Continued) **A100410445**

Phone: (516) 924-3215
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2014-08-05

Site Id: 21477
Affiliation Type: Facility Operator
Company Name: HUB TRUCK RENTAL CORP.
Contact Type: Not reported
Contact Name: CHRISTOPHER GAWARECKI
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 729-1653
EMail: Not reported
Fax Number: Not reported
Modified By: MXLAY
Date Last Modified: 2016-10-27

Site Id: 21477
Affiliation Type: Facility Owner
Company Name: WB WERWAISS REALTY LLC
Contact Type: V.P.
Contact Name: MITCHELL BLAKE
Address1: C/O WERWAISS & CO., INC
Address2: 22-15 43RD AVENUE, SUITE 300
City: LONG ISLAND CITY
State: NY
Zip Code: 11101
Country Code: 001
Phone: (212) 983-0044
EMail: Not reported
Fax Number: Not reported
Modified By: KXLIU
Date Last Modified: 2020-12-21

Tank Info:

Tank Number: 005
Tank Id: 252676

Equipment Records:

G00 - Tank Secondary Containment - None
B01 - Tank External Protection - Painted/Asphalt Coating
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
J00 - Dispenser - None
L00 - Piping Leak Detection - None

HUB TRUCK RENTAL CORP. (Continued) **A100410445**

	D00 - Pipe Type - No Piping
Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	03/01/2007
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	NTFREEMA
Last Modified:	04/14/2017
Material Name:	waste oil/used oil
Tank Number:	006
Tank Id:	252677

Equipment Records:

	G12 - Tank Secondary Containment - Double-Walled (AG only)
	K00 - Spill Prevention - None
	A00 - Tank Internal Protection - None
	B01 - Tank External Protection - Painted/Asphalt Coating
	D01 - Pipe Type - Steel/Carbon Steel/Iron
	J01 - Dispenser - Pressurized Dispenser
	F00 - Pipe External Protection - None
	H00 - Tank Leak Detection - None
	I00 - Overfill - None
	E00 - Piping Secondary Containment - None
	C01 - Pipe Location - Aboveground
	L00 - Piping Leak Detection - None
Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	03/01/2007
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	NTFREEMA
Last Modified:	04/14/2017
Material Name:	motor oil

I189 **BEST FOODS BAKING GROUP** **RCRA NonGen / NLR** **1000392038**
NNE **56-07 48TH ST** **FINDS** **NYD986884419**
1/8-1/4 **MASPETH, NY 11378** **ECHO**
0.144 mi.
761 ft. **Site 3 of 4 in cluster I**

Relative: **Higher**
Actual: **12 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		2007-01-01 00:00:00.0
Handler Name:	BEST FOODS BAKING GROUP	
Handler Address:		56-07 48TH ST
Handler City,State,Zip:		MASPETH, NY 11378
EPA ID:		NYD986884419
Contact Name:		Not reported
Contact Address:		N RIVERVIEW DR
Contact City,State,Zip:		TOTOWA, NY 07512
Contact Telephone:		Not reported
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		02
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		NY
State District:		NYSDEC R2
Mailing Address:		N RIVERVIEW DR
Mailing City,State,Zip:		TOTOWA, NY 07512
Owner Name:		STEVLO C O WERWAISS & CO
Owner Type:		Private
Operator Name:		STEVLO C O WERWAISS & CO
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		NN
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

BEST FOODS BAKING GROUP (Continued) **1000392038**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	NONE
Waste Description:	NONE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	STEVLO C O WERWAISS & CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	230 PARK AVE SUITE 945
Owner/Operator City,State,Zip:	NEW YORK, NY 10169
Owner/Operator Telephone:	212-983-0044
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	STEVLO C O WERWAISS & CO
Legal Status:	Private
Date Became Current:	Not reported

BEST FOODS BAKING GROUP (Continued) **1000392038**

Date Ended Current:	Not reported
Owner/Operator Address:	230 PARK AVE SUITE 945
Owner/Operator City,State,Zip:	NEW YORK, NY 10169
Owner/Operator Telephone:	212-983-0044
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	STEVLO C O WERWAISS & CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	230 PARK AVE SUITE 945
Owner/Operator City,State,Zip:	NEW YORK, NY 10169
Owner/Operator Telephone:	212-983-0044
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1995-04-14 00:00:00.0
Handler Name:	BEST FOODS BAKING GROUP
Federal Waste Generator Description:	Not reported
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2006-01-01 00:00:00.0
Handler Name:	BEST FOODS BAKING GROUP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-01-01 00:00:00.0
Handler Name:	BEST FOODS BAKING GROUP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes

BEST FOODS BAKING GROUP (Continued) **1000392038**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1994-01-24 00:00:00.0
Handler Name: BEST FOODS BAKING GROUP
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported

BEST FOODS BAKING GROUP (Continued) **1000392038**

Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 1993-03-23 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: NYADS
Evaluation Responsible Sub-Organization: R2
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

FINDS:
Registry ID: 110004439518

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000392038
Registry ID: 110004439518
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004439518
Name: BEST FOODS BAKING GROUP
Address: 56-07 48TH ST
City,State,Zip: MASPETH, NY 11378

J190 **ROADWAY EXPRESS INC** **NY UST** **U003644408**
SSW **1313 GRAND ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11211**
0.151 mi.
799 ft. **Site 1 of 3 in cluster J**

Relative:
Lower

Actual:
4 ft.

UST:
Name: ROADWAY EXPRESS INC
Address: 1313 GRAND ST
City,State,Zip: BROOKLYN, NY 11211
Id/Status: 2-043826 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 12/02/2001
UTM X: 590848.61606
UTM Y: 4507813.11857

ROADWAY EXPRESS INC (Continued) **U003644408**

Site Type: Trucking/Transportation/Fleet Operation

Affiliation Records:

Site Id: 424
Affiliation Type: Facility Owner
Company Name: ROADWAY EXPRESS INC
Contact Type: Not reported
Contact Name: Not reported
Address1: 1077 GORGE BLVD
Address2: Not reported
City: AKRON
State: OH
Zip Code: 44309-0471
Country Code: 001
Phone: (216) 384-1717
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 424
Affiliation Type: Mail Contact
Company Name: ROADWAY EXPRESS INC
Contact Type: Not reported
Contact Name: PHYLLIS TAINISH-DEPT A20
Address1: 1077 GORGE BLVD
Address2: Not reported
City: AKRON
State: OH
Zip Code: 44310
Country Code: 001
Phone: (330) 258-2475
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 424
Affiliation Type: Facility Operator
Company Name: ROADWAY EXPRESS INC
Contact Type: Not reported
Contact Name: JACK LESLIE TM.
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 821-5410
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 424
Affiliation Type: Emergency Contact
Company Name: ROADWAY EXPRESS INC
Contact Type: Not reported

ROADWAY EXPRESS INC (Continued) **U003644408**

Contact Name:	JACK LESLIE TM.
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 821-5410
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	001
Tank ID:	1157
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
I04 - Overfill - Product Level Gauge (A/G)

Tank Number:	001
Tank ID:	40145
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	550
Install Date:	01/01/1959
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel

ROADWAY EXPRESS INC (Continued) **U003644408**

Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D00 - Pipe Type - No Piping
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 002
Tank ID: 40146
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: 01/01/1959
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None

Tank Number: 002
Tank ID: 1158
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: Not reported

ROADWAY EXPRESS INC (Continued) **U003644408**

Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
I04 - Overfill - Product Level Gauge (A/G)

Tank Number: 003
Tank ID: 1159
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

ROADWAY EXPRESS INC (Continued) **U003644408**

Tank Number:	003
Tank ID:	40147
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	550
Install Date:	01/01/1959
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number:	004
Tank ID:	1160
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping

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F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number:	004
Tank ID:	40148
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	550
Install Date:	01/01/1959
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
D00 - Pipe Type - No Piping
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number:	005
Tank ID:	1161
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None

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D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
I04 - Overfill - Product Level Gauge (A/G)

Tank Number:	005
Tank ID:	40149
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	550
Install Date:	01/01/1959
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number:	006
Tank ID:	40150
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	550
Install Date:	01/01/1959
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported

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Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 006
Tank ID: 1162
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)

Tank Number: 007
Tank ID: 1163
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

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Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
I04 - Overfill - Product Level Gauge (A/G)

Tank Number: 007
Tank ID: 40151
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: 01/01/1959
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D00 - Pipe Type - No Piping
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 008
Tank ID: 40152
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: 01/01/1959
Date Tank Closed: Not reported
Registered: True

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Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D00 - Pipe Type - No Piping
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 008
Tank ID: 1164
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
I04 - Overfill - Product Level Gauge (A/G)
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None

Tank Number: 009
Tank ID: 1165
Tank Status: Closed Prior to Micro Conversion, 03/91

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Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping

Tank Number:	009
Tank ID:	40153
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	550
Install Date:	01/01/1959
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
D00 - Pipe Type - No Piping

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Tank Number: 010
Tank ID: 1166
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
I04 - Overfill - Product Level Gauge (A/G)

Tank Number: 010
Tank ID: 40154
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: 01/01/1959
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
A00 - Tank Internal Protection - None

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D00 - Pipe Type - No Piping
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 011
Tank ID: 40155
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: 01/01/1959
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 011
Tank ID: 1167
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None

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D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping

Tank Number:	012
Tank ID:	1168
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Number:	012
Tank ID:	40156
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	550
Install Date:	01/01/1959
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported

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Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
D00 - Pipe Type - No Piping
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number:	013
Tank ID:	40157
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	550
Install Date:	01/01/1959
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
D00 - Pipe Type - No Piping
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number:	013
Tank ID:	1169
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel

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Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number: 014
Tank ID: 40158
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: 01/01/1959
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 014
Tank ID: 1170
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True

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Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping

Tank Number: 015
Tank ID: 40159
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: 01/01/1959
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 015
Tank ID: 1171
Tank Status: Closed Prior to Micro Conversion, 03/91

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Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None

Tank Number:	016
Tank ID:	1172
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None

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D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number: 016
Tank ID: 40160
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: 01/01/1959
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
D00 - Pipe Type - No Piping
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 017
Tank ID: 40161
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: 01/01/1959
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

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A00 - Tank Internal Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number:	017
Tank ID:	1173
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	2000
Install Date:	09/01/1998
Date Tank Closed:	09/01/1998
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	09
Date Test:	02/01/1997
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

G03 - Tank Secondary Containment - Vault (w/o access)
A00 - Tank Internal Protection - None
I04 - Overfill - Product Level Gauge (A/G)
H04 - Tank Leak Detection - Groundwater Well
J01 - Dispenser - Pressurized Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Tank Number:	018
Tank ID:	1174
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	4000
Install Date:	09/01/1998
Date Tank Closed:	09/01/1998
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	09
Date Test:	02/01/1997
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

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Equipment Records:
G03 - Tank Secondary Containment - Vault (w/o access)
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
H04 - Tank Leak Detection - Groundwater Well
J01 - Dispenser - Pressurized Dispenser
I04 - Overfill - Product Level Gauge (A/G)

Tank Number: 019
Tank ID: 1175
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 09/01/1998
Date Tank Closed: 09/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: 09
Date Test: 02/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
H04 - Tank Leak Detection - Groundwater Well
J01 - Dispenser - Pressurized Dispenser
G03 - Tank Secondary Containment - Vault (w/o access)
A00 - Tank Internal Protection - None

Tank Number: 020
Tank ID: 1176
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 500
Install Date: 09/01/1998
Date Tank Closed: 09/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 9999
Common Name of Substance: Other

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Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H99 - Tank Leak Detection - Other
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Number: 021
Tank ID: 1177
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 1000
Install Date: 12/01/1988
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
L09 - Piping Leak Detection - Exempt Suction Piping
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
H99 - Tank Leak Detection - Other

Affiliation Records:
Site Id: 5238
Affiliation Type: Facility Operator
Company Name: ROADWAY EXPRESS
Contact Type: Not reported
Contact Name: ROADWAY EXPRESS
Address1: Not reported

ROADWAY EXPRESS INC (Continued) **U003644408**

Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 821-5410
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	5238
Affiliation Type:	Emergency Contact
Company Name:	MOBIL OIL CORP;ATT:A.J.PRINGLE
Contact Type:	Not reported
Contact Name:	MR TOM BOCH
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 821-5410
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	5238
Affiliation Type:	Facility Owner
Company Name:	MOBIL OIL CORP;ATT:A.J.PRINGLE
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	3225 GALLOWS RD.; ENV.ENGINEER
Address2:	Not reported
City:	FAIRFAX
State:	VA
Zip Code:	22037
Country Code:	001
Phone:	(703) 849-5862
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2010-03-10

Site Id:	5238
Affiliation Type:	Mail Contact
Company Name:	MOBIL OIL CORP;ATT:A.J.PRINGLE
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	3225 GALLOWS RD.; ENV.ENGINEER
Address2:	Not reported
City:	FAIRFAX
State:	VA
Zip Code:	22037
Country Code:	001
Phone:	(703) 849-5862

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EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2010-03-10

Tank Info:

Tank Number: 001
Tank ID: 1157
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
I04 - Overfill - Product Level Gauge (A/G)

Tank Number: 001
Tank ID: 40145
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: 01/01/1959
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT

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Last Modified: 04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D00 - Pipe Type - No Piping
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 002
Tank ID: 40146
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: 01/01/1959
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None

Tank Number: 002
Tank ID: 1158
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN

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Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
I04 - Overfill - Product Level Gauge (A/G)

Tank Number: 003
Tank ID: 1159
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Number: 003
Tank ID: 40147
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: 01/01/1959
Date Tank Closed: Not reported
Registered: True

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Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 004
Tank ID: 1160
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number: 004
Tank ID: 40148
Tank Status: Closed Prior to Micro Conversion, 03/91

ROADWAY EXPRESS INC (Continued) **U003644408**

Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	550
Install Date:	01/01/1959
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
D00 - Pipe Type - No Piping
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number:	005
Tank ID:	1161
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
I04 - Overfill - Product Level Gauge (A/G)

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Tank Number: 005
Tank ID: 40149
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: 01/01/1959
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 006
Tank ID: 40150
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: 01/01/1959
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None

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H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number:	006
Tank ID:	1162
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)

Tank Number:	007
Tank ID:	1163
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

B00 - Tank External Protection - None

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C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
I04 - Overfill - Product Level Gauge (A/G)

Tank Number:	007
Tank ID:	40151
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	550
Install Date:	01/01/1959
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D00 - Pipe Type - No Piping
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number:	008
Tank ID:	40152
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	550
Install Date:	01/01/1959
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported

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Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D00 - Pipe Type - No Piping
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 008
Tank ID: 1164
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
I04 - Overfill - Product Level Gauge (A/G)
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None

Tank Number: 009
Tank ID: 1165
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

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Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping

Tank Number: 009
Tank ID: 40153
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: 01/01/1959
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
D00 - Pipe Type - No Piping

Tank Number: 010
Tank ID: 1166
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True

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Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
I04 - Overfill - Product Level Gauge (A/G)

Tank Number: 010
Tank ID: 40154
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: 01/01/1959
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
A00 - Tank Internal Protection - None
D00 - Pipe Type - No Piping
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 011
Tank ID: 40155
Tank Status: Closed Prior to Micro Conversion, 03/91

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Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	550
Install Date:	01/01/1959
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number:	011
Tank ID:	1167
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping

ROADWAY EXPRESS INC (Continued) **U003644408**

Tank Number: 012
Tank ID: 1168
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Number: 012
Tank ID: 40156
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: 01/01/1959
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None

ROADWAY EXPRESS INC (Continued) **U003644408**

D00 - Pipe Type - No Piping
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number:	013
Tank ID:	40157
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	550
Install Date:	01/01/1959
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
D00 - Pipe Type - No Piping
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number:	013
Tank ID:	1169
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)

ROADWAY EXPRESS INC (Continued) **U003644408**

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number: 014
Tank ID: 40158
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: 01/01/1959
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 014
Tank ID: 1170
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported

ROADWAY EXPRESS INC (Continued) **U003644408**

Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping

Tank Number: 015
Tank ID: 40159
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: 01/01/1959
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 015
Tank ID: 1171
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

ROADWAY EXPRESS INC (Continued) **U003644408**

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None

Tank Number: 016
Tank ID: 1172
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number: 016
Tank ID: 40160
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: 01/01/1959
Date Tank Closed: Not reported

ROADWAY EXPRESS INC (Continued) **U003644408**

Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
D00 - Pipe Type - No Piping
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 017
Tank ID: 40161
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: 01/01/1959
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 017
Tank ID: 1173
Tank Status: Closed - Removed

ROADWAY EXPRESS INC (Continued) **U003644408**

Material Name: Closed - Removed
Capacity Gallons: 2000
Install Date: 09/01/1998
Date Tank Closed: 09/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: 09
Date Test: 02/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

G03 - Tank Secondary Containment - Vault (w/o access)
A00 - Tank Internal Protection - None
I04 - Overfill - Product Level Gauge (A/G)
H04 - Tank Leak Detection - Groundwater Well
J01 - Dispenser - Pressurized Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Tank Number: 018
Tank ID: 1174
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 09/01/1998
Date Tank Closed: 09/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: 09
Date Test: 02/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

G03 - Tank Secondary Containment - Vault (w/o access)
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
H04 - Tank Leak Detection - Groundwater Well
J01 - Dispenser - Pressurized Dispenser

ROADWAY EXPRESS INC (Continued) **U003644408**

I04 - Overfill - Product Level Gauge (A/G)

Tank Number:	019
Tank ID:	1175
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	4000
Install Date:	09/01/1998
Date Tank Closed:	09/01/1998
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	09
Date Test:	02/01/1997
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
H04 - Tank Leak Detection - Groundwater Well
J01 - Dispenser - Pressurized Dispenser
G03 - Tank Secondary Containment - Vault (w/o access)
A00 - Tank Internal Protection - None

Tank Number:	020
Tank ID:	1176
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	500
Install Date:	09/01/1998
Date Tank Closed:	09/01/1998
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	9999
Common Name of Substance:	Other
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

H99 - Tank Leak Detection - Other
A00 - Tank Internal Protection - None

ROADWAY EXPRESS INC (Continued) **U003644408**

D01 - Pipe Type - Steel/Carbon Steel/Iron
I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Number:	021
Tank ID:	1177
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	1000
Install Date:	12/01/1988
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
L09 - Piping Leak Detection - Exempt Suction Piping
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
H99 - Tank Leak Detection - Other

J191 **ROADWAY EXPRESS** **NJ MANIFEST** **S108793982**
SSW **1313 GRAND STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11211**
0.151 mi.
799 ft. **Site 2 of 3 in cluster J**

Relative: **Lower**
Actual: **4 ft.**

NJ MANIFEST:

EPA Id:	NYD095769782
Mail Address:	Not reported
Mail City/State/Zip:	Not reported
Facility Phone:	7188215410
Emergency Phone:	Not reported
Contact:	ANTHONY A PAOLELLO
Comments:	Not reported
SIC Code:	Not reported
County:	00
Municipal:	00

ROADWAY EXPRESS (Continued) **S108793982**

Previous EPA Id:	Not reported
Gen Flag:	X
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	000394829SKS
EPA ID:	NYD095769782
Date Shipped:	02/21/2007
TSDF EPA ID:	NJD982270506
Transporter EPA ID:	TXR000050930
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	02/21/2007
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	02/24/2007
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	No
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	D039
Hand Code:	H14
Quantity:	17 G

Manifest Number:	000814880SKS
EPA ID:	NYD095769782

ROADWAY EXPRESS (Continued) **S108793982**

Date Shipped:	08/08/2007
TSDF EPA ID:	NJD982270506
Transporter EPA ID:	TXR000050930
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	08/08/2007
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	08/13/2007
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	No
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	D039
Hand Code:	H14
Quantity:	15 G

Manifest Number:	000431343SKS
EPA ID:	NYD095769782
Date Shipped:	06/13/2007
TSDF EPA ID:	NJD982270506
Transporter EPA ID:	TXR000050930
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported

ROADWAY EXPRESS (Continued) **S108793982**

Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	06/13/2007
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	06/19/2007
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	No
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	D039
Hand Code:	H14
Quantity:	15 G

Manifest Number:	000802425SKS
EPA ID:	NYD095769782
Date Shipped:	10/01/2007
TSDF EPA ID:	NJD982270506
Transporter EPA ID:	TXR000050930
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	10/01/2007
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported

ROADWAY EXPRESS (Continued) **S108793982**

Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	10/09/2007
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	No
Reason Load Was Rejected:	Not reported

Manifest Number:	000424014SKS
EPA ID:	NYD095769782
Date Shipped:	01/02/2007
TSDF EPA ID:	NJD982270506
Transporter EPA ID:	TXR000050930
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	01/02/2007
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	01/07/2007
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported

ROADWAY EXPRESS (Continued) **S108793982**

Was Load Rejected: No
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D039
Hand Code: H14
Quantity: 17 G

Manifest Number: 000092800SKS
EPA ID: NYD095769782
Date Shipped: 11/28/2007
TSDF EPA ID: NJD982270506
Transporter EPA ID: TXR000050930
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 11/28/2007
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 12/04/2007
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: No
Reason Load Was Rejected: Not reported

Manifest Number: 000486609SKS
EPA ID: NYD095769782
Date Shipped: 04/19/2007
TSDF EPA ID: NJD982270506
Transporter EPA ID: TXR000050930
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported

ROADWAY EXPRESS (Continued) **S108793982**

Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	04/19/2007
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	04/24/2007
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	No
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	D039
Hand Code:	H14
Quantity:	17 G

J192 **YRC BROOKLYN (187)** **RCRA-VSQG** **1004756458**
SSW **1313 GRAND ST** **NY LTANKS** **NYD095769782**
1/8-1/4 **BROOKLYN, NY 11211** **NY Spills**
0.151 mi. **FINDS**
799 ft. **Site 3 of 3 in cluster J** **ECHO**
NY MANIFEST
Relative: **NY SPDES**
Lower

Actual: RCRA-VSQG:
4 ft.

Date Form Received by Agency:		2007-01-01 00:00:00.0
Handler Name:	ROADWAY EXPRESS	
Handler Address:		1313 GRAND ST
Handler City,State,Zip:		BROOKLYN, NY 11211
EPA ID:		NYD095769782
Contact Name:		THOMAS W GERHOLD

YRC BROOKLYN (187) (Continued) **1004756458**

Contact Address:	ROE AVE
Contact City,State,Zip:	OVERLAND PARK, KS 66211
Contact Telephone:	913-344-3066
Contact Fax:	Not reported
Contact Email:	TOM.GERHOLD@YELLOWROADWAY.COM
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	ROE AVE
Mailing City,State,Zip:	OVERLAND PARK, KS 66211
Owner Name:	ROADWAY EXPRESS
Owner Type:	Private
Operator Name:	ROADWAY EXPRESS
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking

YRC BROOKLYN (187) (Continued) **1004756458**

Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ROADWAY EXPRESS
Legal Status:	Private
Date Became Current:	1985-03-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ROADWAY SERVICES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported

YRC BROOKLYN (187) (Continued) **1004756458**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ROADWAY EXPRESS
Legal Status: Private
Date Became Current: 1985-03-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 1077 GORGE BLVD
Owner/Operator City,State,Zip: AKRON, OH 44309
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: ROADWAY EXPRESS
Legal Status: Private
Date Became Current: 1985-03-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ROADWAY EXPRESS
Legal Status: Private
Date Became Current: 1985-03-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 1077 GORGE BLVD
Owner/Operator City,State,Zip: AKRON, OH 44309
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2006-03-06 00:00:00.0
Handler Name: ROADWAY EXPRESS
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2007-01-01 00:00:00.0
Handler Name: ROADWAY EXPRESS
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY

YRC BROOKLYN (187) (Continued) **1004756458**

Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1986-07-28 00:00:00.0
Handler Name: ROADWAY EXPRESS INC	
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-03-07 00:00:00.0
Handler Name: ROADWAY EXPRESS	
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	484122
NAICS Description:	GENERAL FREIGHT TRUCKING, LONG-DISTANCE, LESS THAN TRUCKLOAD

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

LTANKS:

Name:	1313 GRAND ST/BKLYN/ROADW
Address:	1313 GRAND ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	8708981 / 1992-10-07
Facility ID:	8708981
Site ID:	170911
Spill Date:	1988-01-21
Spill Cause:	Tank Test Failure

YRC BROOKLYN (187) (Continued) **1004756458**

Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	1992-10-07
SWIS:	2401
Investigator:	BATTISTA
Referred To:	Not reported
Reported to Dept:	1988-01-21
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1988-01-26
Spill Record Last Update:	2002-11-13
Spiller Name:	Not reported
Spiller Company:	ROADWAY EXPRESS
Spiller Address:	1313 GRAND ST
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	143819
DEC Memo:	""
Remarks:	"1K TANK SYSTEM FAILED HYDROSTATIC AIR TEST, TO REMOVE PRODUCT ON 1/21/88 AND REPLACE TANK."

All TTF:

Facility ID:	8708981
Spill Number:	8708981
Spill Tank Test:	1533057
Site ID:	170911
Tank Number:	Not reported
Tank Size:	0
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	170911
Operable Unit ID:	914235
Operable Unit:	01
Material ID:	464329
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported

YRC BROOKLYN (187) (Continued) **1004756458**

Material FA:	Petroleum
Quantity:	-1.00
Units:	L
Recovered:	.00
Oxygenate:	Not reported

Name:	ROADWAY EXPRESS
Address:	1313 GRAND ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	1004888 / 2013-02-22
Facility ID:	1004888
Site ID:	438179
Spill Date:	2010-07-30
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	JBVOUGHT
Referred To:	Not reported
Reported to Dept:	2010-07-30
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2010-07-30
Spill Record Last Update:	2013-02-22
Spiller Name:	PHYLLIS TAINISH DEPT A-20
Spiller Company:	ROADWAY EXPRESS INC
Spiller Address:	1077 GORGE BLVD
Spiller County:	999
Spiller Contact:	MARK SHIRLEY
Spiller Phone:	(212) 292-2210
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	143819
DEC Memo:	"7/30/10 - Raphael Ketani. Advanced Tank Service (Jeff McKenzie - (800) 440-8265) did a tank system test. The system failed and the spill was called in today. The subject UST is 1,000 gal. and contains #2 oil. It was installed on 12/1/88. The site is Roadway Express Inc., 1313 Grand Street, Brooklyn. The local contact is Marc Shirley (212) 292-2210. There are two PBS cases, #2-157724 and 32-043826. The #2-157724 case shows 17 tanks that were all closed prior to March 1991. The #2-043826 case shows 21 tanks. Most of the tanks had diesel or gasoline. One 1,000 gal. tank has #2 oil. Sixteen tanks were closed prior to March 1991. Four tanks were closed and removed on 9/1/88. The one active tank is the 1,000 gal. UST. Mail goes to Roadway Express Inc., 1077 Gorge Blvd., Akron, OH, 44310, attn: Phyllis Tainish - Dept. A-20, (330) 258-2475. The owner is Roadway Express, 1077 Gorge Blvd., Akron, OH, 44309, (216) 384-1717, local number (718) 821-5410 - Jack Leslie T.M. A TTF letter was sent to the mailing address. 8/27/10 Received 2 voicemail messages from Jeff

YRC BROOKLYN (187) (Continued) **1004756458**

Lawson, consultant from Cleveland, OH. Phone: (440)268-0333. He requested more time to respond to ttf letter. I was not aware of this spill case until yesterday. This is a non-regulated site since the tank stores less than 1000 gallons of heating oil. He requested more time to respond to the ttf letter and he believed the site was unregulated. I called him today at approximately 3:15 PM and left a message allowing more time for a response; stating that based on the info in DEC database the site is unregulated, but the spill must be addressed as per NL; and that he should call me this afternoon or next week so we can discuss the case. bf 9/20/10 Found letter dated 8/27/10 on my desk. It was received by DEC on 9/3/10. The letter asks the questions that were answeered in the voicemail on 8/27/10. Letter is in e-docs. bf 1/19/11 Received voicemail from PBS Voicemail at 9:46 from Jeff Lawson. Phone:(440)268-0333. He stated that they are ready to close the tank and would like to discuss. I returned call at approx. 1:30 PM and left a message to call me. bf 1/26/11 Spoke to Mike Ruffoni of Reliance Environmental (717)735-9508. Explained that he needs to address ttf. They are still not sdure why tank failed. Tank removal is planned. bf 2/22/13-Vought-This spill transferred from Falvey to Vought as Vought performing comprehensive file and site review in relation to reviewing results for above tank excavation and removal as well as all former tanks on property. This spill closed and referred to open Spill 0910021 at same site.''

Remarks: "cleanup pending - sub contractor reporting"

All TTF:

Facility ID:	1004888
Spill Number:	1004888
Spill Tank Test:	2489265
Site ID:	438179
Tank Number:	21
Tank Size:	1000
Material:	0001
EPA UST:	False
UST:	True
Cause:	03
Source:	01
Test Method:	21
Test Method 2:	Horner EZY3/EZY3 Locator Plus
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	RVKETANI
Last Modified Date:	Not reported

All Materials:

Site ID:	438179
Operable Unit ID:	1188844
Operable Unit:	01
Material ID:	2183775
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

YRC BROOKLYN (187) (Continued) **1004756458**

SPILLS:

Name:	ROADWAY EXPRESS TRUCKING TERMINAL
Address:	1313 GRAND STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0910021 / 2013-02-22
Facility ID:	0910021
Facility Type:	ER
DER Facility ID:	423271
Site ID:	422759
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	2401
Spill Date:	2009-12-09
Investigator:	JBVOUGHT
Referred To:	Not reported
Reported to Dept:	2009-12-09
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2009-12-09
Spill Record Last Update:	2013-02-22
Spiller Name:	DERRIC KEARNS
Spiller Company:	NORTH AMERICAN TERMINALS MANAGEMENT
Spiller Address:	1313 GRAND ST
Spiller Company:	999
Contact Name:	DERRIC KEARNS
DEC Memo:	"Phase 2 being done for a property transfer. Two groundwater samples slightly over limits for Benzene. Property Owner is: North American Terminals Management Inc. Attn: Miss Coleman Natmi Truck Terminals LLC c/o LaSalle Investment Management Inc. 100 East Pratt St.20th Flr Baltimore, Maryland 21202 No CSL letter was sent out, because Mr. Kearns said a full Phase 2 report was completed and he believes NYSDEC may just close the case out with the minor benzene numbers. Sangesland asked Mr. Kearns to submit the report to Hasan Ahmed and wait for further direction from the DEC for either closure or additional work. 02/24/10-HRAHMED-Deric Kearns (267 685 1800) called to get an update. Ask him to send me an electronic version of the report. 10/27/11 - Austin - Spill Transferred from Ahmed to Vought - end 7/31/12-Vought-Received call from and spoke to Mathew Sabbetta (Arcadis Ph:267-685-1800x1803). Contact is Robert Zimmermann (Arcadis Ph:330-434-1995). Site has a 1000-gallon #2 fuel tank that was noted in 2/11. Approximately fifteen soil borings were performed and one monitoring well was installed. 8/30/12-Vought-Reviewed July 2011 Subsurface Investigation Report and UST Investigation Report received via email on 7/31/12 from Matt Sabbetta. Complete file review by Vought: Vought reviewed Spills and PBS Database: PBS #2-043826 (expired 12/01): One 1000-gallon #2 fuel oil UST in service; one 2000-gallon diesel UST closed in 1998; two 4000-gallon diesel USTs closed in 1998; one 500-gallon gasoline UST closed in 1998; eight

YRC BROOKLYN (187) (Continued) **1004756458**

550-gallon gasoline USTs and eight 550-gallon diesel USTs in service. PBS #2-157724(expired 10/92): Seventeen 550-gallon diesel USTs in service. SPILL 8708981: 1000-gallon UST system failed hydrostatic test and product to be removed and tank replaced as per caller remarks. No spill notes and no reports in e-docs. Spill closed 10/7/92. SPILL 9808077: As per DEC Remarks, Tank Closure Report from APEX shows that site has been adequetely cleaned after the removal of fuel, diesel, and waste oil USTs. Approx 300 tons of soil was disposed of properly and the excavations were all backfilled with certified clean fill. A NFA letter was sent to Phyllis Tainish - the representative of Roadway Express Inc., at 1077 Gorge Blvd in Akron, OH 44310. This spill case closed on 9/12/07. (JS/MS) Vought noted no report in edocs and no file able to be located in historical file room. SPILL 0103983: Caller Remarks noted that CRACK IN FUEL LINE CAUSED SPILL - SPEEDY DRY CONTAINED SPILL AND CLEAN UP IN PROGRESS . Spill closed on 7/28/01 and DEC remarks spill was all cleaned up . No reports in e-docs. SPILL 1004888: Tank Test failure of a 1000-gallon fuel oil UST and still spill open. No files in e-docs. SPILL 1130727: Spill report of contaminated soil. E-docs had Underground Storage Tank Closure report submitted by Reliance Environmental dated 3/28/11. Spill closed on 11/30/11. Removal of one 1000-gallon UST containing #2 fuel oil. Tank was out of service since 11/09 and was used as part of the maintenance garage heating system. UST was in concrete vault and 50-gallons of sludge and waste was removed from UST and tank and associated piping was removed from the ground. No holes or voids observed in tank and tank appeared to be in good condition . Groundwater was encountered at an initial depth of 5 feet below ground surface within the tank grave and was observed to contain a petroleum hydrocarbon layer . Elevated PID readings and staining in soils in northeastern sidewall of excavation at approximately 4.5’bg. Final excavation was 15’ x 12’ x 6’. No soil samples collected from base of excavation as they were below soil water interface. Photo in report shows recovery from water table in excavation. Soil analyticals show PAH exceedences attributable to fill. Spill closed by DEC Piper on 11/30/11 as no CP-51 Unrestricted Use exceedences for VOCs. 9/17/12-Vought-Continued File Review by Vought. Vought spoke with DEC Falvey (project manager of open TTF spill 1004888 and noted that UST that was subject of TTF in 1004888 was removed as subject of closed spill spill 1130727. Falvey agreed that spill 1004888 could be closed and that no PBS update was needed to reflect closure of 1000-gallon #2 fuel oil UST since all other tanks were administratively closed and the site falls currently under the 1100-gallon PBS registration requirement. July 2011 Subsurface Investigation Report (Arcadis)-4/25/12. Sampling done without written instruction from DEC as numerous requests submitted to DEC project manager Hasan Ahmed with out a response. Groundwater sampling done following discussion with DEC Ahmed and RSE in 6/10. DEC required soil and groundwater sample be taken across various locations onsite however DEC did not send letter formalizing requirements. Soil borings from previous investigations also included in report. Phase I and Phase II completed in 2009 and showed elevated SVOCs, metals in soil and 43ppb benzene in groundwater. In 2009 soil temporary wells were installed and subsequently abandoned. Maximum benzene concentrations in groundwater of 17ppb and spill 0910021 was reported. A Groundwater Investigation Report was submitted to DEC on 12/21/09. DEC Ahmed during a follow up conversation requested borings locations be placed around various former USTs, near a GPR anomoly

YRC BROOKLYN (187) (Continued) **1004756458**

and in the central asphalt lot. Soil analyticals showed no CP51 SCO exceedences and groundwater analyticals showed 57ppb napthalene(SW5). Report concludes that additional investigation is not warranted. Vought spoke to DEC Ahmed who forwarded email for 12/21/09 report however due to large file size, a separate CD would have to be sent from Arcadis. Former 1000 Gallon Underground Storage Tank (UST) Investigation (Arcadis)-4/25/12. Seven soil borings installed around 1000-gallon gasoline UST including collection of seven groundwater samples. No soil samples were above Part 375 Unrestricted SCOs excluding elevated PAHs which can be attributed to fill material. Groundwater samples also showed no TOGs exceedences. 9/17/12-Vought-Called and left message for Arcadis (Zimmerman) to send in Groundwater Investigation Report dated 10/23/09 via CD and Tank Closure Report for spill 9808077. Vought reviewed abbreviated Phase II Groundwater Investigation Report received from email from DEC Ahmed. Vought added Abbreviated Phase II to e-docs. Additional groundwater samples collected in August 2009 around the existing and former USTs. Cover Letter dated 12/21/09 for Report notes that either Newtown Creek or historic fill is source of dissolved phase benzene observed in site groundwater . Seven borings installed via Geoprobe and four of these were installed to assess downgradient locations of potential sources areas . Maximum concentrations of 17ppb benzene were noted. Report notes that there is not ample background information available at this time to determine potential sources . 9/18/12-Vought-Called Deric Kearns and left message to return call and that DEC needed copy of 1998 Tank Closure Report. Vought also sent email to Kearns with DEC requirements including submission of USTs and piping on site plans for both PBS Registrations, Submission of Tank Closure Report for closed spill 9808077 or possible investigation around USTs and piping as no leak detection and no tightness testing data in PBS Registration, closure of open spill 104888 at same site and referral to open spill 1103727, Submission of complete Groundwater Investigation Report dated 12/21/09. Vought received email from Kearns that We received your email and voicemail messages, thanks for laying these items out for us. We have begun to review our historic files and are actively trying to track down these items. I will contact you directly if we have any questions. 12/12/12-Vought-Received call from contact (Claudio) who is working for potential purchaser (Tony Argento) who is wishing to purchase property for use of production films. Contact for Claudio is Ph:917-939-8034 email:claudio@broadway-stages.com). Vought forwarded 9/18/12 email string to Kearns to Claudio with cc to Kearns. 2/12/13-Vought-Received call from and spoke to Ruben Byerley (YRC Freight Ph:913-344-3644 email:ruben.byerley@yrcfreight.com) and he is manager of environmental services for the corporate owner and operator. He was requesting file review and Vought told him to return call to Vought in one week for update. 2/20/13-Vought-File review by Vought. Vought received two CDs dated 12/13/12 that contained the following files: APEX UST Closure Report(9/20/99) ARCADIS Subsurface Investigation (4/25/12)-reviewed by Vought above ARCADIS UST Investigation and Closure Report(4/25/12)-reviewed by Vought above ARCADIS Groundwater Investigation(10/23/99) ATC Phase I ESA (4/27/09) ATC Phase II ESA (4/27/09) Misc. Documents Relating to Former 3000-Gallon UST (1988) Document Review by Vought of above documents: Misc. Documents Relating to Former 3000-Gallon UST-1988. Proposal to replace 1000-gallon heating oil tank with all associated piping into the garage furnace and fill and abandon second tank near office with

YRC BROOKLYN (187) (Continued) **1004756458**

concrete slurry. Contamination was minimal because leak was caught almost immediately . 1000-gallon UST was replaced and 3000-gallon UST by office was filled with concrete. UST Closure Report (APEX Environmental)-9/20/99. One 2000-gallon, two (4000-gallon) and one 500 gallon UST were removed on 9/29/98. Diesel fuel used for refueling tractor trailers. English Kills/Maspeth Creek to the north and east and commercial properties to the south and west of site. Facility has two story office building with a large connecting loading dock. Product dispenser was dismantled and product was removed from the USTs. Tanks were reported to be in good condition with minor pitting and no holes. Soil excavation at diesel USTs was 28'x36'x10'deep and seven endpoint samples collected. Used motor oil UST excavation in garage was 12'x6' and five endpoint samples were collected. 171 tons of soil were removed from the site. Soil endpoint analyticals for alll three tanks were non-detect for VOCs. Report recommends No Further Action. Phase I Environmental Site Assesssment (ATC)-4/27/09. Report notes that YRC Logistics is at site and report prepared for NATMI Trucking Terminals, LLC. Property was occupied by a saw mill and lumber yard before trucking terminal and maintenance facility was built onsite in 1959. Fill port and vent pipe noted adjacent to western exterior wall of the property's office building. Scrap metal facility is potentially upgradient of site. Report recommends performance of a Phase II investigation. Property currently used as a cross-dock truck terminal by YRC Logistics and a truck maintenance facility is on the northern portion of the property. Phase II Environmental Site Assessment (ATC)-4/27/09. Phase II included a GPR survey and subsuface investigation. GPR found a 6-foot by 6-foot anamoly approximately two feet below grade in the area of the observed fill port and vent pipe on the southwestern portion of the property . Five Geoprobe borings installed to a maximum depth of 15'bg. Groundwater at 15'bg. Peat found at 6-10'bg in some borings and groundwater is from 5-8'bg. No petroleum related VOCs in soil and groundwater samples noted 43ppb benzene in sample B1. ATC recommends additional investigation to see if GPR anamoly is a UST and installation of monitoring wells to delineate bezene contamination in groundwater. Groundwater Investigation Report (ARCADIS)-10/23/09. Additional investigation by ARCADIS upon review of Phase II by ATC dated 4/27/09. Metals and PAHs in soils were indicative of historic fills and were not observed in groundwater. Purpose of investigation was to confirm 43pp benzene in B1 groundwater sample in ATC Phase II. Seven borings installed via Geoprobe. Groundwater analyticals show: 1.6ppb benzene (TW5) and 17ppb benzene(TW7). Groundwater samples analyzed for 8260/8270 analyses. Groundwater sample collected at B1 of ATC Phase II was non-detect for benzene. Possible sources of benzene include historic fill materials beneath the site and the close proximity of the sample locations to the heavily polluted Newtown Creek . Report recommends submission to DEC. 2/22/13-Vought-After completion of file review by Vought, spill closed due to minor benzene only detections in groundwater possibly attributable to historic fill and or contaminant contribution fron adjacent Newtown Creek or English Kills. Area also heavy industrialized for past 100 years. Groundwater benzene concentrations are within natural attenuation parameters and likley oxidizing conditions in soil necessary for promotion of aerobic degradation. Vought called YRC Byerly for address of spill closure letter for this spill and Spill 1004888 for same site and 1000-gallon UST TTF (removal discussed above). Received email from YRC Byerly

YRC BROOKLYN (187) (Continued) **1004756458**

that mailing address for Spill Closure Letter is: YRC Freight Attn: Ruben Byerley (MS-A650) 10990 Roe Ave. Overland Park, KS 66211 Vought sent out Closure Letter to Byerly via mail and email with cc to ARCADIS Kearns. "

Remarks: ""

All Materials:

Site ID:	422759
Operable Unit ID:	1178587
Operable Unit:	01
Material ID:	2172057
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

Name:	ROADWAY EXPRESS INC
Address:	1313 GRAND ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9808077 / 2007-09-12
Facility ID:	9808077
Facility Type:	ER
DER Facility ID:	143819
Site ID:	170912
DEC Region:	2
Spill Cause:	Other
Spill Class:	C3
SWIS:	2401
Spill Date:	1998-09-30
Investigator:	WXSUN
Referred To:	TCR PREPARED BY APEX ENV.
Reported to Dept:	1998-10-01
CID:	366
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1998-10-01
Spill Record Last Update:	2007-09-12
Spiller Name:	JACK LESLIE
Spiller Company:	ROADWAY EXPRESS INC
Spiller Address:	1313 GRAND ST
Spiller Company:	001
Contact Name:	JACK LESLIE
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MULQUEEN TANK REMOVAL. SOIL AROUND FILL CONTAMINATED, STOCKPILED. SAMPLES TAKEN. SOIL SAMPLES SHOWED HIGH SEMI-VOLS. TCLP DONE ON SAMPLES 11/3/03 - AUSTIN - REVIEW OF PBS FOR SITE FOUND ALL TANKS

YRC BROOKLYN (187) (Continued) **1004756458**

CLOSED OUT - CLOSURE REPORT IN UNASSIGNED SPILLS FILE - REASSIGN THIS REPORT AS PART OF PROJECT TRANSFERS BETWEEN SECTIONS - END 06/16/06: This spill is transferred from Mike Mulqueen to Mr. Koon Tang. 10/30/06 Reassigned from Tang to Sun. (MS) 8/6/07: Tank Closure Report re-located. Performed by Apex Environmental in February 1999. Reviewing for possible closure. (JS/MS) 9/11/07: All VOC was non-detect, SVOC was above but re-submited for TCLP and was below. (JS/MS) 9/12/07: TCR from APEX shows that site has been adequetely cleaned after the removal of fuel, diesel, and waste oil USTs. Approx 300 tons of soil was disposed of properly and the excavations were all backfilled with certified clean fill. A NFA letter was sent to Phyllis Tainish - the representative of Roadway Express Inc., at 1077 Gorge Blvd in Akron, OH 44310. This spill case closed on 9/12/07. (JS/MS)"

Remarks: "CALLER STATES A MINOR SPILL ON GROUND. CLEAN UP HAS BEEN ARRANGED."

All Materials:

Site ID:	170912
Operable Unit ID:	1069256
Operable Unit:	01
Material ID:	315608
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	ROADWAY EXPRESS
Address:	1313 GRAND ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0103983 / 2001-07-28
Facility ID:	0103983
Facility Type:	ER
DER Facility ID:	143819
Site ID:	170910
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	2401
Spill Date:	2001-07-14
Investigator:	JMKRIMGO
Referred To:	Not reported
Reported to Dept:	2001-07-14
CID:	211
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2001-07-14

YRC BROOKLYN (187) (Continued) **1004756458**

Spill Record Last Update:	2002-05-15
Spiller Name:	LEONA BOWSER
Spiller Company:	ROADWAY EXPRESS
Spiller Address:	1077 GORGE BLVD
Spiller Company:	001
Contact Name:	LEONA BOWSER
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was KRIMGOLD All cleaned up by the spiller."
Remarks:	"CRACK IN FUEL LINE CAUSED SPILL - SPEEDY DRY CONTAINED SPILL AND CLEAN UP IN PROGRESS"

All Materials:

Site ID:	170910
Operable Unit ID:	842517
Operable Unit:	01
Material ID:	532494
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	10.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	YELLOW ROADWAY CORP
Address:	1313 GRAND ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	1103727 / 2011-11-30
Facility ID:	1103727
Facility Type:	ER
DER Facility ID:	143819
Site ID:	451299
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	2401
Spill Date:	2011-03-01
Investigator:	RMPIPER
Referred To:	Not reported
Reported to Dept:	2011-07-05
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2011-07-05
Spill Record Last Update:	2011-11-30
Spiller Name:	Not reported
Spiller Company:	YELLOW ROADWAY CORP
Spiller Address:	1313 GRAND ST
Spiller Company:	999

YRC BROOKLYN (187) (Continued) **1004756458**

Contact Name:	CHRIS MCDONALD
DEC Memo:	"Mike from Reliance. Tank was taken out. 11/30/11- DECPiper reviewd tank closure rpeort. Low level VOC below 6NYCRR Table 375-6.8(a)unrestricted use was detected. SVOC's slightly above most likely related to fill material in area. Based on work to date, this spill is closed. See edocs if warranted. "
Remarks:	"soil contamination found during tank removal, clean up pending"

All Materials:

Site ID:	451299
Operable Unit ID:	1201497
Operable Unit:	01
Material ID:	2198023
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

Name:	TRUCK FACITLITY
Address:	1313 GRAND STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	1207926 / 2015-10-02
Facility ID:	1207926
Facility Type:	ER
DER Facility ID:	423271
Site ID:	470986
DEC Region:	2
Spill Cause:	Storm
Spill Class:	D4
SWIS:	2401
Spill Date:	2012-10-31
Investigator:	RMPIPER
Referred To:	Not reported
Reported to Dept:	2012-10-31
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2012-10-31
Spill Record Last Update:	2015-10-02
Spiller Name:	Not reported
Spiller Company:	HURRICANE SANDY
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	PHILIP STARK
DEC Memo:	"contractor on site. under control. will send info when completed to DEC Piper. yrc worldwide - overland park, KS - 913-344-5205 left

YRC BROOKLYN (187) (Continued) **1004756458**

message requesting info. 10/2/15- DEC Piper received closure documentation. Based on work to date, this spill is closed. See Dec docs for report. "

Remarks: "LEAKED SURING STORM. CLEAN UP WITH BE DONE BY HEPECO"

All Materials:

Site ID:	470986
Operable Unit ID:	1220845
Operable Unit:	01
Material ID:	2219471
Material Code:	0022
Material Name:	waste oil/used oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

FINDS:

Registry ID: 110004375872

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.
FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1004756458
Registry ID:	110004375872
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004375872
Name:	YRC BROOKLYN (187)
Address:	1313 GRAND ST
City,State,Zip:	BROOKLYN, NY 11211

NY MANIFEST:

Name:	ROADWAY EXPRESS INC
Address:	1313 GRAND ST

YRC BROOKLYN (187) (Continued) **1004756458**

City,State,Zip:	BROOKLYN, NY 11211
Country:	USA
EPA ID:	NYD095769782
Facility Status:	Not reported
Location Address 1:	1313 GRAND ST
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11211
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD095769782
Mailing Name:	ROADWAY EXPRESS INC
Mailing Contact:	ROADWAY EXPRESS INC
Mailing Address 1:	1313 GRAND STREET
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11211
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7188215410

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	Not reported
Trans1 State ID:	TXR000050930
Trans2 State ID:	Not reported
Generator Ship Date:	11/28/2007
Trans1 Recv Date:	11/28/2007
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	12/04/2007
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD095769782
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD982270506
TSDF ID 2:	Not reported
Manifest Tracking Number:	000092800SKS
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported

YRC BROOKLYN (187) (Continued) **1004756458**

Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	14
Units:	P - Pounds
Number of Containers:	1
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1
Waste Code:	D039
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

SPDES:

Name:	YRC INC DBA YRC FREIGHT INC (187)
Address:	1313 GRAND AVE
City,State,Zip:	BROOKLYN, BOROUGH OF, NY 11211
Permit Number:	NYR00D143
State-Region:	02
Expiration Date:	09/30/2017
Current Major Minor Status:	Minor
Primary Facility SIC Code:	4213
State Water Body Name:	ENGLISH KILLS TO NEWTON CREEK
Limit Set Status Flag:	Active
Total Actual Average Flow(MGD):	Not reported
Total App Design Flow(MGD):	Not reported
UDF1:	Not reported
Lat/Long:	40.717 / -73.924
DMR Cognizant Official:	Not reported
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY047

Non-Gov Permit Affiliation Type Desc:	DMR Mailing Address
Non-Gov Permit Org Formal Name:	YRC INC
Non-Gov Permit Street Address:	YRC INC DBA YRC FREIGHT INC (187)
Non-Gov Permit Supplemental Location:	10990 ROE AVE MS A650
Non-Gov Permit City:	OVERLAND PARK
Non-Gov Permit State Code:	KS
Non-Gov Permit Zip Code:	66211
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	YRC INC
Non-Gov Facility Street Address:	YRC INC DBA YRC FREIGHT INC (187)
Non-Gov Facility Supplemental Location:	10990 ROE AVE MS A650
Non-Gov Facility City:	OVERLAND PARK
Non-Gov Facility State Code:	KS
Non-Gov Facility Zip Code:	66211
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported

YRC BROOKLYN (187) (Continued) **1004756458**

SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported
Name:	YRC INC DBA YRC FREIGHT INC (187)
Address:	1313 GRAND AVE
City,State,Zip:	BROOKLYN, BOROUGH OF, NY 11211
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY047
Non-Gov Permit Affiliation Type Desc:	Permittee
Non-Gov Permit Org Formal Name:	YRC INC
Non-Gov Permit Street Address:	10990 ROE AVE MS A650
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	OVERLAND PARK
Non-Gov Permit State Code:	KS
Non-Gov Permit Zip Code:	66211
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	YRC INC
Non-Gov Facility Street Address:	YRC INC DBA YRC FREIGHT INC (187)
Non-Gov Facility Supplemental Location:	10990 ROE AVE MS A650
Non-Gov Facility City:	OVERLAND PARK
Non-Gov Facility State Code:	KS
Non-Gov Facility Zip Code:	66211
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported
Name:	YRC INC DBA YRC FREIGHT INC (187)
Address:	1313 GRAND AVE
City,State,Zip:	BROOKLYN, BOROUGH OF, NY 11211
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY047
Non-Gov Permit Affiliation Type Desc:	Stormwater SWPPP Location
Non-Gov Permit Org Formal Name:	YRC INC
Non-Gov Permit Street Address:	YRC INC DBA YRC FREIGHT INC (187)
Non-Gov Permit Supplemental Location:	557 EAST TALLMADGE AVE
Non-Gov Permit City:	AKRON
Non-Gov Permit State Code:	OH
Non-Gov Permit Zip Code:	44310
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	YRC INC
Non-Gov Facility Street Address:	YRC INC DBA YRC FREIGHT INC (187)
Non-Gov Facility Supplemental Location:	10990 ROE AVE MS A650
Non-Gov Facility City:	OVERLAND PARK

YRC BROOKLYN (187) (Continued) **1004756458**

Non-Gov Facility State Code:	KS
Non-Gov Facility Zip Code:	66211
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported
Name:	YRC INC DBA YRC FREIGHT INC (187)
Address:	1313 GRAND AVE
City,State,Zip:	BROOKLYN, BOROUGH OF, NY 11211
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY047
Non-Gov Permit Affiliation Type Desc:	Not reported
Non-Gov Permit Org Formal Name:	Not reported
Non-Gov Permit Street Address:	Not reported
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	Not reported
Non-Gov Permit State Code:	Not reported
Non-Gov Permit Zip Code:	Not reported
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	YRC INC
Non-Gov Facility Street Address:	YRC INC DBA YRC FREIGHT INC (187)
Non-Gov Facility Supplemental Location:	10990 ROE AVE MS A650
Non-Gov Facility City:	OVERLAND PARK
Non-Gov Facility State Code:	KS
Non-Gov Facility Zip Code:	66211
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

K193 **GRAND AVENUE DEPOT & MAINTENANCE** **NY CBS** **S106470045**
SE **48-05 GRAND AVENUE** **NY Spills** **N/A**
1/8-1/4 **MASPETH, NY 11378**
0.156 mi.
824 ft. **Site 1 of 3 in cluster K**

Relative:
Higher

Actual:
12 ft.

CBS:

Name:	GRAND AVENUE DEPOT & MAINTENANCE
Address:	48-05 GRAND AVENUE
City,State,Zip:	MASPETH, NY 11378
CBS Number:	2-000410
Program Type:	CBS
Facility Status:	Active
Expiration Date:	03/08/2023
Dec Region:	2
UTMX:	591153.41781

GRAND AVENUE DEPOT & MAINTENANCE (Continued) **S106470045**

UTMY: 4507908.41936

SPILLS:

Name:	GRAND AVE CENTAL MAINT FACILITY
Address:	48-05 GRAND AVE
City,State,Zip:	MASPETH, NY
Spill Number/Closed Date:	1107258 / 2011-09-15
Facility ID:	1107258
Facility Type:	ER
DER Facility ID:	284072
Site ID:	454950
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	4101
Spill Date:	2011-09-09
Investigator:	smsanges
Referred To:	Not reported
Reported to Dept:	2011-09-09
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2011-09-09
Spill Record Last Update:	2011-09-15
Spiller Name:	SHERRI BULKEY
Spiller Company:	NYC TRANSIT
Spiller Address:	48-05 GRAND AVE
Spiller Company:	999
Contact Name:	SHERRI BULKEY
DEC Memo:	"sump cleaned"
Remarks:	"discovered in sump, c/u pending"

All Materials:

Site ID:	454950
Operable Unit ID:	1205100
Operable Unit:	01
Material ID:	2201927
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.50
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

Name:	GRAND AVE DEPOT
Address:	48-05 GRAND AVE.
City,State,Zip:	MASPETH, NY

GRAND AVENUE DEPOT & MAINTENANCE (Continued) **S106470045**

Spill Number/Closed Date:	0805314 / 2008-08-22
Facility ID:	0805314
Facility Type:	ER
DER Facility ID:	347767
Site ID:	402390
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	4101
Spill Date:	2008-08-07
Investigator:	smsanges
Referred To:	Not reported
Reported to Dept:	2008-08-07
CID:	408
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2008-08-07
Spill Record Last Update:	2008-08-22
Spiller Name:	SHERRY BULKLEY
Spiller Company:	GRAND AVE DEPOT
Spiller Address:	48-05 GRAND AVE.
Spiller Company:	001
Contact Name:	SHERRY BULKLEY
DEC Memo:	"Problem was identified with the leak detector in sump #2 and #3 on the diesel tanks. See eDocs for closure letter."
Remarks:	"1 QUART IS ESTIMATED TO BE SPILLED; FOUND DIESEL IN DISCHARGE SUMPS OF DIESEL TANKS NUMBER 2 AND 3; CAUSE UNDER INVESTIGATION - LINE TESTING WILL BE DONE TOMORROW;"

All Materials:

Site ID:	402390
Operable Unit ID:	1159151
Operable Unit:	01
Material ID:	2150262
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	GRAND AVE. DEPOT
Address:	48-05 GRAND AVE.
City,State,Zip:	MASPETH, NY
Spill Number/Closed Date:	0802293 / 2008-05-29
Facility ID:	0802293
Facility Type:	ER
DER Facility ID:	347767

GRAND AVENUE DEPOT & MAINTENANCE (Continued) **S106470045**

Site ID:	398405
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	Not reported
SWIS:	4101
Spill Date:	2008-05-29
Investigator:	jbvought
Referred To:	Not reported
Reported to Dept:	2008-05-29
CID:	406
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2008-05-29
Spill Record Last Update:	2008-05-29
Spiller Name:	JOSEPHINE BROWN
Spiller Company:	GRAND AVE. DEPOT
Spiller Address:	48-05 GRAND AVE.
Spiller Company:	001
Contact Name:	JOSEPHINE BROWN
DEC Memo:	"05/29/08-Vought-Spill contained to sump and cleaned via vacuum truck. Spill closed by Vought due to no impact to soil and or groundwater."
Remarks:	"discovered fluid in two sumps for the diesel tank. One sump had 1/2 gal. of material in it the other sump had one quart. Material was contained to the sump. CLean up is completed. Will have an outside company come in to investigate the cause of the spill. (Tanks have been shut down)"

All Materials:

Site ID:	398405
Operable Unit ID:	1155291
Operable Unit:	01
Material ID:	2146155
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	FUTURE NYCT DEPOT & CMF-NYCT
Address:	48-05 GRAND AVE
City,State,Zip:	MASPETH, NY
Spill Number/Closed Date:	0402830 / 2005-06-23
Facility ID:	0402830
Facility Type:	ER
DER Facility ID:	284072
Site ID:	318906

GRAND AVENUE DEPOT & MAINTENANCE (Continued) **S106470045**

DEC Region:	2
Spill Cause:	Human Error
Spill Class:	C4
SWIS:	4101
Spill Date:	2004-06-15
Investigator:	MCTIBBE
Referred To:	Not reported
Reported to Dept:	2004-06-15
CID:	444
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2004-06-15
Spill Record Last Update:	2005-06-23
Spiller Name:	PASCOE CAMAJ
Spiller Company:	FORMER AVIS RENT-A-CAR
Spiller Address:	48-05 GRAND AVE
Spiller Company:	001
Contact Name:	PASCOE CAMAJ
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE See also 98-03753. 08/10/04 - NYCT performed a Remedial Investigation of the two 550 USTs and the former Avis USTs. An area of soil and groundwater contamination was identified. The RI recommeded soil excavation and ORC for the dissolved. RI was approved and a Remedial Plan/Design is forthcoming. 06/23/05: Remediation onsite performed and completed. It consisted of excavation and ORC application. The offsite, Ambrosino Property, was investigated. Minimal soil VOC's and groundwater VOC's and SVOC's. High soil SVOC's indiciative of urban fill material both on and off site. "
Remarks:	"CONTRACTORS EXCAVATING AND THEY DIDNT REALIZE A TANK WAS THERE, DID NOT REACH WATER"

All Materials:

Site ID:	318906
Operable Unit ID:	884398
Operable Unit:	01
Material ID:	490440
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

K194 **NYCT GRAND AVENUE BUS FACILITY** **RCRA-LQG** **1000708504**
SE **48-05 GRAND AVE** **FINDS** **NYD981567423**
1/8-1/4 **MASPETH, NY 11378** **ECHO**
0.156 mi. **NY MANIFEST**
824 ft. **Site 2 of 3 in cluster K**

Relative: **Higher**
Actual: **12 ft.**

RCRA-LQG:

Date Form Received by Agency:	2016-02-26 00:00:00.0
Handler Name:	NYCT GRAND AVENUE BUS FACILITY
Handler Address:	48-05 GRAND AVE
Handler City,State,Zip:	MASPETH, NY 11378
EPA ID:	NYD981567423
Contact Name:	SHERRY L BULKLEY
Contact Address:	BROADWAY
Contact City,State,Zip:	NEW YORK, NY 10004
Contact Telephone:	646-252-5777
Contact Fax:	646-582-2258
Contact Email:	SHERRY.BULKLEY@NYCT.COM
Contact Title:	SYSTEM SAFETY SPECIALIST
EPA Region:	02
Land Type:	State
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2015
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	BROADWAY
Mailing City,State,Zip:	NEW YORK, NY 10004
Owner Name:	NEW YORK CITY TRANSIT
Owner Type:	State
Operator Name:	NEW YORK CITY TRANSIT
Operator Type:	State
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

NYCT GRAND AVENUE BUS FACILITY (Continued) **1000708504**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2016-11-07 13:10:02.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2015

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D000
Waste Description: Not Defined

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: D035

NYCT GRAND AVENUE BUS FACILITY (Continued) **1000708504**

Waste Description: METHYL ETHYL KETONE

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: NEW YORK CITY TRANSIT
Legal Status: State
Date Became Current: 2000-01-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NEW YORK CITY TRANSIT
Legal Status: Other
Date Became Current: 2002-01-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported

NYCT GRAND AVENUE BUS FACILITY (Continued) **1000708504**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEW YORK CITY TRANSIT
Legal Status:	State
Date Became Current:	1932-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2 BROADWAY
Owner/Operator City,State,Zip:	NEW YORK, NY 10004
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEW YORK CITY TRANSIT
Legal Status:	Other
Date Became Current:	2002-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEW YORK CITY TRANSIT
Legal Status:	State
Date Became Current:	2000-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2 BROADWAY
Owner/Operator City,State,Zip:	NEW YORK, NY 10004
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEW YORK CITY TRANSIT
Legal Status:	State
Date Became Current:	1932-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2 BROADWAY
Owner/Operator City,State,Zip:	NEW YORK, NY 10004
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AVIS RENT A CAR SYSTEMS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999

NYCT GRAND AVENUE BUS FACILITY (Continued) **1000708504**

Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 2010-03-02 00:00:00.0
Handler Name: NYCT - GRAND AVE BUS FACILITY
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2016-02-26 00:00:00.0
Handler Name: NYCT GRAND AVENUE BUS FACILITY
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1999-07-08 00:00:00.0
Handler Name: AVIS RENT A CAR SYSTEMS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2006-01-01 00:00:00.0
Handler Name: AVIS RENT A CAR SYSTEMS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

NYCT GRAND AVENUE BUS FACILITY (Continued) **1000708504**

Receive Date: 2007-10-30 00:00:00.0
Handler Name: NYCT GRAND AVENUE BUS FACILITY
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1986-11-12 00:00:00.0
Handler Name: AVIS RENT A CAR SYSTEMS INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2007-10-31 00:00:00.0
Handler Name: NYCT GRAND AVENUE BUS FACILITY
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 485111
NAICS Description: MIXED MODE TRANSIT SYSTEMS

NAICS Code: 485119
NAICS Description: OTHER URBAN TRANSIT SYSTEMS

Facility Has Received Notices of Violation:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 2010-10-01 00:00:00.0
Actual Return to Compliance Date: 2010-11-04 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001

NYCT GRAND AVENUE BUS FACILITY (Continued) **1000708504**

Date of Enforcement Action: 2010-10-07 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: NYHHN
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Universal Waste - Small Quantity Handlers
Date Violation was Determined: 2010-10-01 00:00:00.0
Actual Return to Compliance Date: 2011-06-01 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2010-10-07 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: NYHHN
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

NYCT GRAND AVENUE BUS FACILITY (Continued) **1000708504**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Preparedness and Prevention
Date Violation was Determined: 2010-10-01 00:00:00.0
Actual Return to Compliance Date: 2012-03-12 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2010-10-07 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: NYHHN
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Preparedness and Prevention
Date Violation was Determined: 2010-10-01 00:00:00.0
Actual Return to Compliance Date: 2012-03-12 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001

NYCT GRAND AVENUE BUS FACILITY (Continued) **1000708504**

Date of Enforcement Action: 2010-11-26 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: NYHHN
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 2010-10-01 00:00:00.0
Actual Return to Compliance Date: 2010-11-04 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2010-10-07 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: NYHHN
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

NYCT GRAND AVENUE BUS FACILITY (Continued) **1000708504**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Universal Waste - Small Quantity Handlers
Date Violation was Determined: 2010-10-01 00:00:00.0
Actual Return to Compliance Date: 2011-06-01 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2010-11-26 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: NYHHN
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 2010-10-01 00:00:00.0
Actual Return to Compliance Date: 2010-11-04 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001

NYCT GRAND AVENUE BUS FACILITY (Continued) **1000708504**

Date of Enforcement Action: 2010-10-07 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: NYHHN
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Used Oil - Generators
Date Violation was Determined: 2010-10-01 00:00:00.0
Actual Return to Compliance Date: 2010-11-04 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2010-10-07 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: NYHHN
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

NYCT GRAND AVENUE BUS FACILITY (Continued) **1000708504**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Universal Waste - Small Quantity Handlers
Date Violation was Determined: 2010-10-01 00:00:00.0
Actual Return to Compliance Date: 2011-06-01 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2010-11-26 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: NYHHN
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Listing - General
Date Violation was Determined: 2010-10-01 00:00:00.0
Actual Return to Compliance Date: 2010-11-04 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001

NYCT GRAND AVENUE BUS FACILITY (Continued) **1000708504**

Date of Enforcement Action:	2010-10-07 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	NYHHN
Enforcement Responsible Sub-Organization:	R2
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

NYCT GRAND AVENUE BUS FACILITY (Continued) **1000708504**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Preparedness and Prevention
Date Violation was Determined: 2010-10-01 00:00:00.0
Actual Return to Compliance Date: 2012-03-12 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2011-11-01 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: NYHHN
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Universal Waste - Small Quantity Handlers
Date Violation was Determined: 2010-10-01 00:00:00.0
Actual Return to Compliance Date: 2011-06-01 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001

NYCT GRAND AVENUE BUS FACILITY (Continued) **1000708504**

Date of Enforcement Action: 2010-10-07 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: NYHHN
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 2010-10-01 00:00:00.0
Actual Return to Compliance Date: 2010-11-04 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2010-10-07 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: NYHHN
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

NYCT GRAND AVENUE BUS FACILITY (Continued) **1000708504**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Preparedness and Prevention
Date Violation was Determined: 2010-10-01 00:00:00.0
Actual Return to Compliance Date: 2012-03-12 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 2012-01-13 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: NYHHN
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 2010-10-01 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: NYHHN
Evaluation Responsible Sub-Organization: R2
Actual Return to Compliance Date: 2010-11-04 00:00:00.0
Scheduled Compliance Date: Not reported

NYCT GRAND AVENUE BUS FACILITY (Continued) **1000708504**

Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-10-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	2011-06-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-10-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	2012-03-12 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-10-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	2012-03-12 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-10-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	2010-11-04 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

NYCT GRAND AVENUE BUS FACILITY (Continued) **1000708504**

Evaluation Date:	2010-10-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	2011-06-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2010-10-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	2010-11-04 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2010-10-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	2010-11-04 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2010-10-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	2011-06-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2010-10-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN

NYCT GRAND AVENUE BUS FACILITY (Continued) **1000708504**

Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	2010-11-04 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2017-09-07 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYSR
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-10-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	2012-03-12 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-10-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	2011-06-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-10-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	2010-11-04 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

NYCT GRAND AVENUE BUS FACILITY (Continued) **1000708504**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-10-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	2012-03-12 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:
Registry ID: 110004411379

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER
FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000708504
Registry ID:	110004411379
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004411379
Name:	NYCT GRAND AVENUE BUS FACILITY
Address:	48-05 GRAND AVE
City,State,Zip:	MASPETH, NY 11378

NY MANIFEST:

Name:	NYCT GRAND AVENUE BUS FACILITY
Address:	48-05 GRAND AVE
City,State,Zip:	MASPETH, NY 11378-3008
Country:	USA
EPA ID:	NYD981567423
Facility Status:	Not reported
Location Address 1:	48 -05 GRAND AVENUE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	MASPETH

NYCT GRAND AVENUE BUS FACILITY (Continued) **1000708504**

Location State:	NY
Location Zip:	11378
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD981567423
Mailing Name:	NYCT GRAND AVENUE BUS FACILITY
Mailing Contact:	BOB HAMMOND
Mailing Address 1:	1418 ROUTE 90
Mailing Address 2:	Not reported
Mailing City:	WAPPINGER FALLS
Mailing State:	NY
Mailing Zip:	12590
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	8458382524

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	Not reported
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	12/14/2017
Trans1 Recv Date:	12/14/2017
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	12/14/2017
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD981567423
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	017950944JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	125
Units:	P - Pounds
Number of Containers:	1
Container Type:	DM - Metal drums, barrels

NYCT GRAND AVENUE BUS FACILITY (Continued) **1000708504**

Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1
Waste Code:	Not reported
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	D009
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

K195 **AVIS RENT A CAR SYSTEM INC** **NY UST** **1000375640**
SE **48-05 GRAND AVE** **NY AST** **NYD986976058**
1/8-1/4 **MASPETH, NY 11378** **NY Spills**
0.156 mi. **RCRA NonGen / NLR**
824 ft. **Site 3 of 3 in cluster K**

Relative: Higher
Actual: 12 ft.

UST:

Name:	GRAND AVENUE BUS DEPOT.
Address:	48-05 GRAND AVE
City,State,Zip:	MASPETH, NY 11378
Id/Status:	2-364460 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	10/18/2025
UTM X:	591194.59587
UTM Y:	4507951.05253
Site Type:	Trucking/Transportation/Fleet Operation

Affiliation Records:

Site Id:	18473
Affiliation Type:	Facility Operator
Company Name:	GRAND AVENUE BUS DEPOT.
Contact Type:	Not reported
Contact Name:	BRENDAN CREIGHTON
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(347) 964-1611
EMail:	Not reported
Fax Number:	Not reported
Modified By:	ACDANIEL
Date Last Modified:	2019-03-20

Site Id:	18473
Affiliation Type:	Facility Owner
Company Name:	NYC TRANSIT AUTHORITY
Contact Type:	SYSTEM SAFETY SPECIALIST
Contact Name:	DANIEL YU
Address1:	2 BROADWAY
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10004
Country Code:	001

AVIS RENT A CAR SYSTEM INC (Continued) **1000375640**

Phone:	(212) 252-5777
EMail:	DANIEL.YU@NYCT.COM
Fax Number:	Not reported
Modified By:	JSMACRI
Date Last Modified:	2020-10-07

Site Id:	18473
Affiliation Type:	Emergency Contact
Company Name:	NYC TRANSIT AUTHORITY
Contact Type:	Not reported
Contact Name:	BUS COMMAND CENTER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 927-7777
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2018-04-27

Site Id:	18473
Affiliation Type:	Mail Contact
Company Name:	NEW YORK CITY TRANSIT AUTHORITY
Contact Type:	SYSTEM SAFETY SPECIALIST
Contact Name:	DANIEL YU
Address1:	2 BROADWAY
Address2:	27TH FLOOR
City:	NEW YORK
State:	NY
Zip Code:	10004
Country Code:	001
Phone:	(646) 252-5777
EMail:	DANIEL.YU@NYCT.COM
Fax Number:	Not reported
Modified By:	JSMACRI
Date Last Modified:	2020-10-07

Tank Info:

Tank Number:	001
Tank ID:	22572
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	4000
Install Date:	12/01/1974
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline

Tightness Test Method:	NN
Date Test:	Not reported

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Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 002
Tank ID: 22573
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 4000
Install Date: 12/01/1974
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 003
Tank ID: 22574
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 4000
Install Date: 12/01/1974
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground

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Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 004
Tank ID: 22575
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 4000
Install Date: 12/01/1974
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 005
Tank ID: 22576
Tank Status: Closed Prior to Micro Conversion, 03/91

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Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	500
Install Date:	Not reported
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	9999
Common Name of Substance:	Other
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number:	006
Tank ID:	22577
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	4000
Install Date:	06/01/1998
Date Tank Closed:	06/01/1998
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	01
Date Test:	08/01/1988
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

A03 - Tank Internal Protection - Fiberglass Liner (FRP)
I04 - Overfill - Product Level Gauge (A/G)
J01 - Dispenser - Pressurized Dispenser
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
H05 - Tank Leak Detection - In-Tank System (ATG)
G04 - Tank Secondary Containment - Double-Walled (Underground)

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Tank Number: 007
Tank ID: 22578
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 06/01/1998
Date Tank Closed: 06/01/1998
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 01
Date Test: 08/01/1988
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A03 - Tank Internal Protection - Fiberglass Liner (FRP)
I04 - Overfill - Product Level Gauge (A/G)
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
J01 - Dispenser - Pressurized Dispenser
H05 - Tank Leak Detection - In-Tank System (ATG)
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number: 008
Tank ID: 22579
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 06/01/1998
Date Tank Closed: 06/01/1998
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 01
Date Test: 08/01/1988
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

J01 - Dispenser - Pressurized Dispenser
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
A03 - Tank Internal Protection - Fiberglass Liner (FRP)
I04 - Overfill - Product Level Gauge (A/G)

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B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
G04 - Tank Secondary Containment - Double-Walled (Underground)
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Number: 009
Tank ID: 22580
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 06/01/1998
Date Tank Closed: 06/01/1998
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Tightness Test Method: 01
Date Test: 08/01/1988
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A03 - Tank Internal Protection - Fiberglass Liner (FRP)
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
H00 - Tank Leak Detection - None
I00 - Overfill - None
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number: 010
Tank ID: 22581
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 1000
Install Date: 06/01/1998
Date Tank Closed: 06/01/1998
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0013
Common Name of Substance: Lube Oil

Tightness Test Method: 01
Date Test: 08/01/1988
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

AVIS RENT A CAR SYSTEM INC (Continued) **1000375640**

H00 - Tank Leak Detection - None
I00 - Overfill - None
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
A03 - Tank Internal Protection - Fiberglass Liner (FRP)
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number:	A
Tank ID:	179517
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	06/25/2004
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	NRLOMBAR
Last Modified:	04/14/2017

Tank Number:	ATF
Tank ID:	208399
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	2500
Install Date:	09/30/2005
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	0013
Common Name of Substance:	Lube Oil
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	D
Modified By:	DAFRANCI
Last Modified:	12/13/2018

Equipment Records:

C03 - Pipe Location - Aboveground/Underground Combination
F04 - Pipe External Protection - Fiberglass
J02 - Dispenser - Suction Dispenser
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None

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H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
E04 - Piping Secondary Containment - Double walled UG
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number:	B
Tank ID:	179518
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	06/25/2004
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	NRLOMBAR
Last Modified:	04/14/2017

Tank Number:	DSL 1
Tank ID:	208394
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	10000
Install Date:	09/30/2005
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	D
Modified By:	DAFRANCI
Last Modified:	12/13/2018

Equipment Records:

L07 - Piping Leak Detection - Pressurized Piping Leak Detector
C03 - Pipe Location - Aboveground/Underground Combination
F04 - Pipe External Protection - Fiberglass
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
E04 - Piping Secondary Containment - Double walled UG
J01 - Dispenser - Pressurized Dispenser

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A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number:	DSL 2
Tank ID:	208395
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	10000
Install Date:	09/30/2005
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	D
Modified By:	DAFRANCI
Last Modified:	12/13/2018

Equipment Records:

L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
F04 - Pipe External Protection - Fiberglass
C03 - Pipe Location - Aboveground/Underground Combination
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
E04 - Piping Secondary Containment - Double walled UG
J01 - Dispenser - Pressurized Dispenser
K01 - Spill Prevention - Catch Basin
I02 - Overfill - High Level Alarm
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number:	DSL 3
Tank ID:	208396
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	10000
Install Date:	09/30/2005
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	0008
Common Name of Substance:	Diesel

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Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: D
Modified By: DAFRANCI
Last Modified: 12/13/2018

Equipment Records:

C03 - Pipe Location - Aboveground/Underground Combination
F04 - Pipe External Protection - Fiberglass
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
E04 - Piping Secondary Containment - Double walled UG
J01 - Dispenser - Pressurized Dispenser
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number: H/O 1
Tank ID: 208404
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 15000
Install Date: 09/30/2005
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: D
Modified By: DAFRANCI
Last Modified: 12/13/2018

Equipment Records:

J04 - Dispenser - On Site Heating System (Suction)
E04 - Piping Secondary Containment - Double walled UG
C03 - Pipe Location - Aboveground/Underground Combination
F04 - Pipe External Protection - Fiberglass
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
G04 - Tank Secondary Containment - Double-Walled (Underground)

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Tank Number:	H/O 2
Tank ID:	208405
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	15000
Install Date:	09/30/2005
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	D
Modified By:	DAFRANCI
Last Modified:	12/13/2018

Equipment Records:

A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
C03 - Pipe Location - Aboveground/Underground Combination
F04 - Pipe External Protection - Fiberglass
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
E04 - Piping Secondary Containment - Double walled UG
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
J04 - Dispenser - On Site Heating System (Suction)
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number:	M/O 1
Tank ID:	208397
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	2500
Install Date:	09/30/2005
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	0013
Common Name of Substance:	Lube Oil
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	D
Modified By:	DAFRANCI
Last Modified:	12/13/2018

Equipment Records:

C03 - Pipe Location - Aboveground/Underground Combination

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F04 - Pipe External Protection - Fiberglass
E04 - Piping Secondary Containment - Double walled UG
A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
J02 - Dispenser - Suction Dispenser
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number:	M/O 2
Tank ID:	208398
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	2500
Install Date:	09/30/2005
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	0013
Common Name of Substance:	Lube Oil
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	D
Modified By:	DAFRANCI
Last Modified:	12/13/2018

Equipment Records:

A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
E04 - Piping Secondary Containment - Double walled UG
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
C03 - Pipe Location - Aboveground/Underground Combination
F04 - Pipe External Protection - Fiberglass
J02 - Dispenser - Suction Dispenser
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number:	W/O 1
Tank ID:	208400
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	1000
Install Date:	09/30/2005
Date Tank Closed:	Not reported
Registered:	True

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Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: D
Modified By: DAFRANCI
Last Modified: 12/13/2018

Equipment Records:

E04 - Piping Secondary Containment - Double walled UG
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
J00 - Dispenser - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
C03 - Pipe Location - Aboveground/Underground Combination
F04 - Pipe External Protection - Fiberglass
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number: W/O 2
Tank ID: 208401
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 1000
Install Date: 09/30/2005
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: D
Modified By: DAFRANCI
Last Modified: 12/13/2018

Equipment Records:

E04 - Piping Secondary Containment - Double walled UG
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
J00 - Dispenser - None
C03 - Pipe Location - Aboveground/Underground Combination
F04 - Pipe External Protection - Fiberglass
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None

AVIS RENT A CAR SYSTEM INC (Continued) **1000375640**

H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number:	W/O 3
Tank ID:	208402
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	1000
Install Date:	09/30/2005
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	D
Modified By:	DAFRANCI
Last Modified:	12/13/2018

Equipment Records:

A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
E04 - Piping Secondary Containment - Double walled UG
C03 - Pipe Location - Aboveground/Underground Combination
F04 - Pipe External Protection - Fiberglass
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
J00 - Dispenser - None
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number:	W/O 4
Tank ID:	208403
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	1000
Install Date:	09/30/2005
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	D
Modified By:	DAFRANCI
Last Modified:	12/13/2018

AVIS RENT A CAR SYSTEM INC (Continued) **1000375640**

Equipment Records:

J00 - Dispenser - None
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
F04 - Pipe External Protection - Fiberglass
C03 - Pipe Location - Aboveground/Underground Combination
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
E04 - Piping Secondary Containment - Double walled UG
K01 - Spill Prevention - Catch Basin
I02 - Overfill - High Level Alarm
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
G04 - Tank Secondary Containment - Double-Walled (Underground)

AST:

Name:	GRAND AVENUE BUS DEPOT.
Address:	48-05 GRAND AVE
City,State,Zip:	MASPETH, NY 11378
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-364460
Program Type:	PBS
UTM X:	591194.59587
UTM Y:	4507951.05253
Expiration Date:	10/18/2025
Site Type:	Trucking/Transportation/Fleet Operation

Affiliation Records:

Site Id:	18473
Affiliation Type:	Facility Operator
Company Name:	GRAND AVENUE BUS DEPOT.
Contact Type:	Not reported
Contact Name:	BRENDAN CREIGHTON
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(347) 964-1611
EMail:	Not reported
Fax Number:	Not reported
Modified By:	ACDANIEL
Date Last Modified:	2019-03-20

Site Id:	18473
Affiliation Type:	Facility Owner
Company Name:	NYC TRANSIT AUTHORITY
Contact Type:	SYSTEM SAFETY SPECIALIST
Contact Name:	DANIEL YU
Address1:	2 BROADWAY
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10004
Country Code:	001

AVIS RENT A CAR SYSTEM INC (Continued) **1000375640**

Phone:	(212) 252-5777
EMail:	DANIEL.YU@NYCT.COM
Fax Number:	Not reported
Modified By:	JSMACRI
Date Last Modified:	2020-10-07

Site Id:	18473
Affiliation Type:	Emergency Contact
Company Name:	NYC TRANSIT AUTHORITY
Contact Type:	Not reported
Contact Name:	BUS COMMAND CENTER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 927-7777
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2018-04-27

Site Id:	18473
Affiliation Type:	Mail Contact
Company Name:	NEW YORK CITY TRANSIT AUTHORITY
Contact Type:	SYSTEM SAFETY SPECIALIST
Contact Name:	DANIEL YU
Address1:	2 BROADWAY
Address2:	27TH FLOOR
City:	NEW YORK
State:	NY
Zip Code:	10004
Country Code:	001
Phone:	(646) 252-5777
EMail:	DANIEL.YU@NYCT.COM
Fax Number:	Not reported
Modified By:	JSMACRI
Date Last Modified:	2020-10-07

Tank Info:

Tank Number:	011
Tank Id:	53886
Material Code:	0013
Common Name of Substance:	Lube Oil

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
A00 - Tank Internal Protection - None
G10 - Tank Secondary Containment - Impervious Underlayment
H99 - Tank Leak Detection - Other

AVIS RENT A CAR SYSTEM INC (Continued) **1000375640**

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	06/01/1998
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	06/01/1998
Register:	True
Modified By:	TRANSLAT
Last Modified:	04/14/2017
Material Name:	lube oil

Tank Number:	012
Tank Id:	53887
Material Code:	9999
Common Name of Substance:	Other

Equipment Records:

A00 - Tank Internal Protection - None
G10 - Tank Secondary Containment - Impervious Underlayment
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
H99 - Tank Leak Detection - Other

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	06/01/1998
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	06/01/1998
Register:	True
Modified By:	TRANSLAT
Last Modified:	04/14/2017
Material Name:	other

Tank Number:	GEN-1
Tank Id:	252755

Equipment Records:

L00 - Piping Leak Detection - None
F00 - Pipe External Protection - None
C01 - Pipe Location - Aboveground
J00 - Dispenser - None
E00 - Piping Secondary Containment - None

AVIS RENT A CAR SYSTEM INC (Continued) **1000375640**

K01 - Spill Prevention - Catch Basin
G12 - Tank Secondary Containment - Double-Walled (AG only)
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	09/30/2005
Capacity Gallons:	250
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	DAFRANCI
Last Modified:	12/13/2018
Material Name:	#2 fuel oil (on-site consumption)

SPILLS:

Name:	NYC TRANSIT GRAND AVE
Address:	48-05 GRAND AVE
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	0405009 / 2004-08-23
Facility ID:	0405009
Facility Type:	ER
DER Facility ID:	257064
Site ID:	318907
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	D4
SWIS:	4101
Spill Date:	2004-08-05
Investigator:	MCTIBBE
Referred To:	Not reported
Reported to Dept:	2004-08-06
CID:	444
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2004-08-06
Spill Record Last Update:	2004-08-23
Spiller Name:	JOSEPHINE BROWN
Spiller Company:	NYC TRANSIT GRAND AVE
Spiller Address:	48-05 GRAND AVE
Spiller Company:	001
Contact Name:	JOSEPHINE BROWN

AVIS RENT A CAR SYSTEM INC (Continued) **1000375640**

DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE 4 gallons of hydraulic fluid leaked from a pile driver. Oil sprayed to soil. Absorbants initially used to soak up oil. Soil was eventally excavated and stockpiled (4.5 cuyds). Endpoint samples taken which showed minimul contamination mostly associated with exisiting fill. Stock piled soil will be disposed of with excavated soil from the remediation of spill # 04-02830. "
Remarks: "BROKEN LINE ON A PILE DRIVER: IN PROCESS OF CLEANING UP: "

All Materials:
Site ID: 318907
Operable Unit ID: 888401
Operable Unit: 01
Material ID: 488982
Material Code: 0010
Material Name: hydraulic oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 4.00
Units: G
Recovered: .00
Oxygenate: Not reported

Name: FORMER AVIS RENT-A-CAR SY
Address: 48-05 GRAND AVE
City,State,Zip: QUEENS, NY
Spill Number/Closed Date: 9803753 / 2004-08-10
Facility ID: 9803753
Facility Type: ER
DER Facility ID: 257064
Site ID: 318908
DEC Region: 2
Spill Cause: Unknown
Spill Class: C3
SWIS: 4101
Spill Date: 1998-06-24
Investigator: MCTIBBE
Referred To: Not reported
Reported to Dept: 1998-06-24
CID: 252
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1998-06-24
Spill Record Last Update: 2004-08-10
Spiller Name: UNKNOWN
Spiller Company: Unknown
Spiller Address: UNKNOWN
Spiller Company: 999
Contact Name: CELESTE RUFER
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was

AVIS RENT A CAR SYSTEM INC (Continued) **1000375640**

TIBBE 4/30/04-Vought-Spill transferred from Mulqueen to Vought. Spoke with Joel Rogers (516-671-8440) and site will become NYCTA Depot. Rogers is from Gannett Fleming who will be working for NYCTA. Rogers searching for additional Phase II information in preparation for site remediation. Vought called Rogers and informed him that no additional reports were found. Rogers will inquire about additional well installation and send letter informing DEC of further actions by 5/31/04. 06/23/04 - transfered from Vought to Tibbe. NYCT took over the property and is building a new depot and CMF. See also 04-02830. 08/10/04 - NYCT performed an investigation and will remediate under spill number 04-02830. Refer to 04-02830."

Remarks: "SOURCE COULD BE FROM A LEAKING SEWER LINE ENCOUNTERED IN TANK EXCAVATION (WASTE AND MOTOR OIL TANK EXCAVATION) SHEEN WAS NOTICED ON GROUND WATER DURING TANK EXCAVATION. "

All Materials:

Site ID: 318908
Operable Unit ID: 1064557
Operable Unit: 01
Material ID: 322072
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

Site ID: 318908
Operable Unit ID: 1064557
Operable Unit: 01
Material ID: 322074
Material Code: 0022
Material Name: waste oil/used oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

Site ID: 318908
Operable Unit ID: 1064557
Operable Unit: 01
Material ID: 322073
Material Code: 0015
Material Name: motor oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

Name: GRAND AVE BUS DEPOT
Address: 48-05 GRAND AVE

AVIS RENT A CAR SYSTEM INC (Continued) **1000375640**

City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	0900195 / 2009-05-04
Facility ID:	0900195
Facility Type:	ER
DER Facility ID:	257064
Site ID:	412114
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	4101
Spill Date:	2009-04-06
Investigator:	smsanges
Referred To:	Not reported
Reported to Dept:	2009-04-06
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	Not reported
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2009-04-06
Spill Record Last Update:	2009-05-04
Spiller Name:	CLAIR SAMMON
Spiller Company:	NYC TRANSIT
Spiller Address:	48-05 GRAND AVE
Spiller Company:	999
Contact Name:	CLAIR SAMMON
DEC Memo:	"After leak was discovered, all lines were retested and passed. Leak probably came from a check valve. Valve was cleaned and OK for service. Leak was to a contained area - no petroleum went out to the environment. Equipment was checked and put back in service."
Remarks:	"CALLER STATES THAT THERE IS A SPILL OF ABOUT 1 TEASPOON OF DIESEL IN THE SUMP. TANK IS BEING MONITORED."

All Materials:

Site ID:	412114
Operable Unit ID:	1168606
Operable Unit:	01
Material ID:	2160211
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

RCRA NonGen / NLR:

Date Form Received by Agency:	2007-01-01 00:00:00.0
Handler Name:	AVIS RENT A CAR SYSTEM INC
Handler Address:	48-05 GRAND AVE

AVIS RENT A CAR SYSTEM INC (Continued) **1000375640**

Handler City,State,Zip:	MASPETH, NY 11378-3008
EPA ID:	NYD986976058
Contact Name:	Not reported
Contact Address:	GRAND AVE
Contact City,State,Zip:	MASPETH, NY 11378
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	GRAND AVE
Mailing City,State,Zip:	MASPETH, NY 11378
Owner Name:	AVIS RENT A CAR
Owner Type:	Private
Operator Name:	AVIS RENT A CAR
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No

AVIS RENT A CAR SYSTEM INC (Continued) **1000375640**

TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D008
Waste Description:	LEAD

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AVIS RENT A CAR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	UNKNOWN
Owner/Operator City,State,Zip:	UNKNOWN, NY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AVIS RENT A CAR
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	UNKNOWN
Owner/Operator City,State,Zip:	UNKNOWN, NY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

AVIS RENT A CAR SYSTEM INC (Continued) **1000375640**

Owner/Operator Indicator: Owner
Owner/Operator Name: AVIS RENT A CAR
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: UNKNOWN
Owner/Operator City,State,Zip: UNKNOWN, NY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 1999-07-08 00:00:00.0
Handler Name: AVIS RENT A CAR SYSTEM INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2006-01-01 00:00:00.0
Handler Name: AVIS RENT A CAR SYSTEM INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2007-01-01 00:00:00.0
Handler Name: AVIS RENT A CAR SYSTEM INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1991-09-20 00:00:00.0
Handler Name: AVIS RENT A CAR SYSTEM INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No

AVIS RENT A CAR SYSTEM INC (Continued) **1000375640**

Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 1992-05-15 00:00:00.0
Evaluation Responsible Agency: EPA
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R2LG

AVIS RENT A CAR SYSTEM INC (Continued) **1000375640**

Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

I196 **CANOVER INDUSTRIES, INC.** **NY UST** **U004079170**
NNE **57-65 48TH STREET** **N/A**
1/8-1/4 **MASPETH, NY 11378**
0.163 mi.
861 ft. **Site 4 of 4 in cluster I**

Relative:
Higher

Actual:
11 ft.

UST:

Name:	CANOVER INDUSTRIES, INC.
Address:	57-65 48TH STREET
City,State,Zip:	MASPETH, NY 11378
Id/Status:	2-601894 / Inactive
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	592884.03061
UTM Y:	4508432.98931
Site Type:	Unknown

Affiliation Records:

Site Id:	23856
Affiliation Type:	Facility Owner
Company Name:	VAN DAM REALTY CO.
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	1700 BROADWAY
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 582-1600
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	23856
Affiliation Type:	Mail Contact
Company Name:	VAN DAM REALTY CO.
Contact Type:	Not reported
Contact Name:	HENRY EISENBERG
Address1:	1700 BROADWAY
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10019
Country Code:	001
Phone:	(212) 582-1600

CANOVER INDUSTRIES, INC. (Continued) **U004079170**

EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	23856
Affiliation Type:	Facility Operator
Company Name:	CANOVER INDUSTRIES, INC.
Contact Type:	Not reported
Contact Name:	CANOVER INDUSTRIES, INC.
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 456-8900
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	23856
Affiliation Type:	Emergency Contact
Company Name:	VAN DAM REALTY CO.
Contact Type:	Not reported
Contact Name:	DAN SFORZA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 326-3134
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	001
Tank ID:	48230
Tank Status:	Tank Converted to Non-Regulated Use
Material Name:	Tank Converted to Non-Regulated Use
Capacity Gallons:	7500
Install Date:	Not reported
Date Tank Closed:	04/01/1998
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Tightness Test Method:	21
Date Test:	06/07/1999
Next Test Date:	Not reported

CANOVER INDUSTRIES, INC. (Continued) **U004079170**

Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I02 - Overfill - High Level Alarm
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number: 001
Tank ID: 52831
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 7500
Install Date: Not reported
Date Tank Closed: 07/16/2001
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: 03
Date Test: 06/07/1999
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None

Tank Number: 001
Tank ID: 52832
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 2500
Install Date: Not reported
Date Tank Closed: 07/01/2001
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001

CANOVER INDUSTRIES, INC. (Continued) **U004079170**

Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: 21
Date Test: 06/07/1999
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
I05 - Overfill - Vent Whistle

Tank Number: 002
Tank ID: 61536
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 7500
Install Date: Not reported
Date Tank Closed: 07/01/2001
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: 21
Date Test: 06/07/1999
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
I05 - Overfill - Vent Whistle

Affiliation Records:
Site Id: 25013
Affiliation Type: Facility Owner
Company Name: GEYSER REALTY LLC
Contact Type: Not reported
Contact Name: Not reported

CANOVER INDUSTRIES, INC. (Continued) **U004079170**

Address1:	57-65 48TH STREET
Address2:	Not reported
City:	MASPETH
State:	NY
Zip Code:	11378
Country Code:	001
Phone:	(718) 821-2200
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	25013
Affiliation Type:	Mail Contact
Company Name:	GEYSER REALTY LLC
Contact Type:	Not reported
Contact Name:	HAROLD BARON
Address1:	57-65 48TH STREET
Address2:	Not reported
City:	MASPETH
State:	NY
Zip Code:	11378
Country Code:	001
Phone:	(718) 821-2200
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	25013
Affiliation Type:	Facility Operator
Company Name:	GEYSER REALTY LLC
Contact Type:	Not reported
Contact Name:	BIG GEYSER, INC.
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 821-2000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	25013
Affiliation Type:	Emergency Contact
Company Name:	GEYSER REALTY LLC
Contact Type:	Not reported
Contact Name:	HAROLD BARON
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001

CANOVER INDUSTRIES, INC. (Continued) **U004079170**

Phone:	(718) 821-2200
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	001
Tank ID:	48230
Tank Status:	Tank Converted to Non-Regulated Use
Material Name:	Tank Converted to Non-Regulated Use
Capacity Gallons:	7500
Install Date:	Not reported
Date Tank Closed:	04/01/1998
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Tightness Test Method:	21
Date Test:	06/07/1999
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I02 - Overfill - High Level Alarm
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number:	001
Tank ID:	52831
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	7500
Install Date:	Not reported
Date Tank Closed:	07/16/2001
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Tightness Test Method:	03
Date Test:	06/07/1999
Next Test Date:	Not reported
Pipe Model:	Not reported

CANOVER INDUSTRIES, INC. (Continued) **U004079170**

Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None

Tank Number: 001
Tank ID: 52832
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 2500
Install Date: Not reported
Date Tank Closed: 07/01/2001
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: 21
Date Test: 06/07/1999
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
I05 - Overfill - Vent Whistle

Tank Number: 002
Tank ID: 61536
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 7500
Install Date: Not reported
Date Tank Closed: 07/01/2001
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

CANOVER INDUSTRIES, INC. (Continued) **U004079170**

Tightness Test Method: 21
Date Test: 06/07/1999
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
I05 - Overfill - Vent Whistle

Affiliation Records:

Site Id: 25014
Affiliation Type: Facility Owner
Company Name: GEYSER REALTY LLC
Contact Type: Not reported
Contact Name: Not reported
Address1: 57-65, 57-85 & 58-07 48TH STRET
Address2: Not reported
City: MASPETH
State: NY
Zip Code: 11378
Country Code: 001
Phone: (718) 821-2200
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 25014
Affiliation Type: Mail Contact
Company Name: BIG GEYSER INC.
Contact Type: Not reported
Contact Name: MATTHEW MADONNA
Address1: 57-65 48TH STREET
Address2: Not reported
City: MASPETH
State: NY
Zip Code: 11378
Country Code: 001
Phone: (718) 821-2200
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 25014
Affiliation Type: Facility Operator
Company Name: GEYSER REALTY LLC
Contact Type: Not reported

CANOVER INDUSTRIES, INC. (Continued) **U004079170**

Contact Name:	LEWIS HERSHKOWITZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 821-2200
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	25014
Affiliation Type:	Emergency Contact
Company Name:	GEYSER REALTY LLC
Contact Type:	Not reported
Contact Name:	MATTHEW MADONNA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(917) 759-5530
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	001
Tank ID:	48230
Tank Status:	Tank Converted to Non-Regulated Use
Material Name:	Tank Converted to Non-Regulated Use
Capacity Gallons:	7500
Install Date:	Not reported
Date Tank Closed:	04/01/1998
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Tightness Test Method:	21
Date Test:	06/07/1999
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I02 - Overfill - High Level Alarm
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None

CANOVER INDUSTRIES, INC. (Continued) **U004079170**

J02 - Dispenser - Suction Dispenser
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number:	001
Tank ID:	52831
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	7500
Install Date:	Not reported
Date Tank Closed:	07/16/2001
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	03
Date Test:	06/07/1999
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None

Tank Number:	001
Tank ID:	52832
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	2500
Install Date:	Not reported
Date Tank Closed:	07/01/2001
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	21
Date Test:	06/07/1999
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

CANOVER INDUSTRIES, INC. (Continued) **U004079170**

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
I05 - Overfill - Vent Whistle

Tank Number:	002
Tank ID:	61536
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	7500
Install Date:	Not reported
Date Tank Closed:	07/01/2001
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	21
Date Test:	06/07/1999
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
I05 - Overfill - Vent Whistle

197
SSW
1/8-1/4
0.185 mi.
977 ft.

CHARLES J KING INC
1301 GRAND ST
BROOKLYN, NY 11211

NY SWF/LF **1000231689**
NY UST **NYD012573648**
NY SWRCY
RCRA NonGen / NLR
NY SPDES

Relative:
Lower

Actual:
6 ft.

SWF/LF:

Name:	EMPIRE METAL TRADING LLC
Address:	1301 GRAND STREET
City,State,Zip:	BROOKLYN, NY 11211
Flag:	ACTIVE
Region Code:	2
Phone Number:	Not reported
Owner Name:	Charles J. King Inc.
Owner Type:	Not reported

CHARLES J KING INC (Continued) **1000231689**

Owner Address:	1301 Grand Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Email:	wdking@att.net
Owner Phone:	7184975571
Contact Name:	Not reported
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	Scrap metal processor - registration
Activity Number:	[24V30001]
Active:	Yes
East Coordinate:	590770
North Coordinate:	4507777
Accuracy Code:	4.2 - Utilization of GIS and existing spatial data
Regulatory Status:	Registration
Waste Type:	Scrap Metal - Ferrous ;Scrap Metal - Non-ferrous
Authorization #:	24V30001
Authorization Date:	11/8/2019
Expiration Date:	11/7/2024
Operator Name:	Empire Metal Trading LLC
Operator Type:	Not reported
Laste Date:	Not reported

UST:

Name:	EMPIRE METAL TRADING LLC
Address:	1301 GRAND STREET
City,State,Zip:	BROOKLYN, NY 11211
Id/Status:	2-001074 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	04/15/2021
UTM X:	590762.19992
UTM Y:	4507778.16059
Site Type:	Other

Affiliation Records:

Site Id:	11
Affiliation Type:	Mail Contact
Company Name:	EMPIRE METAL TRADING LLC
Contact Type:	Not reported
Contact Name:	WAYNE KING
Address1:	1301 GRAND STREET
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11211
Country Code:	001
Phone:	(718) 497-1950
EMail:	WAYNE@EMPIREMETALTRADING.COM
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2016-09-29

CHARLES J KING INC (Continued) **1000231689**

Site Id:	11
Affiliation Type:	Facility Operator
Company Name:	CHARLES J. KING INC.
Contact Type:	Not reported
Contact Name:	WAYNE KING
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 497-1950
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2016-09-29

Site Id:	11
Affiliation Type:	Emergency Contact
Company Name:	CHARLES J. KING INC.
Contact Type:	Not reported
Contact Name:	WAYNE KING
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 497-1950
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2016-09-29

Site Id:	11
Affiliation Type:	Facility Owner
Company Name:	CHARLES J. KING INC.
Contact Type:	MEMBER
Contact Name:	WAYNE KING
Address1:	1301 GRAND STREET
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11211
Country Code:	001
Phone:	(718) 497-5571
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2019-04-11

Tank Info:

Tank Number:	01
Tank ID:	701
Tank Status:	Closed - Removed
Material Name:	Closed - Removed

CHARLES J KING INC (Continued) **1000231689**

Capacity Gallons:	550
Install Date:	12/01/1957
Date Tank Closed:	11/01/1998
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	02
Date Test:	05/01/1996
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
I04 - Overfill - Product Level Gauge (A/G)
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
G03 - Tank Secondary Containment - Vault (w/o access)
J02 - Dispenser - Suction Dispenser
H99 - Tank Leak Detection - Other

Tank Number:	02
Tank ID:	51086
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	12/01/1957
Date Tank Closed:	11/01/1998
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	02
Date Test:	05/01/1996
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
J02 - Dispenser - Suction Dispenser
H99 - Tank Leak Detection - Other

CHARLES J KING INC (Continued) **1000231689**

Tank Number:	03
Tank ID:	702
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	550
Install Date:	12/01/1958
Date Tank Closed:	11/01/1998
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	02
Date Test:	06/01/1993
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
H99 - Tank Leak Detection - Other

Tank Number:	04
Tank ID:	51087
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	550
Install Date:	12/01/1958
Date Tank Closed:	11/01/1998
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	02
Date Test:	06/01/1993
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
J02 - Dispenser - Suction Dispenser

CHARLES J KING INC (Continued) **1000231689**

G03 - Tank Secondary Containment - Vault (w/o access)
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
H99 - Tank Leak Detection - Other

Tank Number:	05
Tank ID:	703
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	1080
Install Date:	02/08/1974
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	21
Date Test:	08/15/2016
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	DAFRANCI
Last Modified:	04/11/2019

Equipment Records:

D11 - Pipe Type - Flexible Piping
I03 - Overfill - Automatic Shut-Off
E04 - Piping Secondary Containment - Double walled UG
B07 - Tank External Protection - Retrofitted Sacrificial Anode
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A01 - Tank Internal Protection - Epoxy Liner
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
F99 - Pipe External Protection - Other
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Number:	06
Tank ID:	51088
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	1080
Install Date:	02/08/1974
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	21
Date Test:	08/15/2016
Next Test Date:	Not reported

CHARLES J KING INC (Continued) **1000231689**

Pipe Model: Not reported
Modified By: DAFRANCI
Last Modified: 04/11/2019

Equipment Records:

D11 - Pipe Type - Flexible Piping
I03 - Overfill - Automatic Shut-Off
E04 - Piping Secondary Containment - Double walled UG
A01 - Tank Internal Protection - Epoxy Liner
L09 - Piping Leak Detection - Exempt Suction Piping
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
B07 - Tank External Protection - Retrofitted Sacrificial Anode
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
F99 - Pipe External Protection - Other
H05 - Tank Leak Detection - In-Tank System (ATG)

SWRCY:

Name:	CHARLES J KING INC
Address:	1301 GRAND STREET
City,State,Zip:	BROOKLYN, NY 11211
Region:	2
Facility Address 2:	Not reported
Phone Number:	7184971950
Owner Type:	Not reported
Owner Name:	Charles J King Inc
Owner Address:	1301 Grand Street
Owner Address 2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Email:	wdking@att.net
Owner Phone:	7184971950
Contact Name:	Wayne KIng
Contact Address:	Not reported
Contact Address 2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	wdking@att;net
Contact Phone:	7184971950
Activity Desc:	RHRF - exempt (non-VDF)
Activity Number:	[24M00]
Active:	No
East Coordinate:	590770
North Coordinate:	4507777
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Permit #:	Not reported
Auth. Date:	Not reported
Expiration Date:	Not reported
Waste Types:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Last Date:	Not reported

RCRA NonGen / NLR:

Date Form Received by Agency:	2007-01-01 00:00:00.0
Handler Name:	CHARLES J KING INC

CHARLES J KING INC (Continued) **1000231689**

Handler Address:	1301 GRAND ST
Handler City,State,Zip:	BROOKLYN, NY 11211-1802
EPA ID:	NYD012573648
Contact Name:	Not reported
Contact Address:	GRAND ST
Contact City,State,Zip:	BROOKLYN, NY 11211
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	GRAND ST
Mailing City,State,Zip:	BROOKLYN, NY 11211
Owner Name:	CHARLES J KING INC
Owner Type:	Private
Operator Name:	CHARLES J KING INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No

CHARLES J KING INC (Continued) **1000231689**

Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHARLES J KING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHARLES J KING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHARLES J KING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999

CHARLES J KING INC (Continued) **1000231689**

Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 1999-07-08 00:00:00.0
Handler Name: CHARLES J KING INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2006-01-01 00:00:00.0
Handler Name: CHARLES J KING INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2007-01-01 00:00:00.0
Handler Name: CHARLES J KING INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1980-06-25 00:00:00.0
Handler Name: CHARLES J KING INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

CHARLES J KING INC (Continued) **1000231689**

List of NAICS Codes and Descriptions:
NAICS Code: 42193
NAICS Description: RECYCLABLE MATERIAL WHOLESALERS

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 1998-10-23 00:00:00.0
Evaluation Responsible Agency: EPA
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R2MD
Evaluation Responsible Sub-Organization: RCB
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

CHARLES J KING INC (Continued) **1000231689**

SPDES:

Name:	EMPIRE METAL TRADING LLC
Address:	1301 GRAND ST
City,State,Zip:	BROOKLYN, NY 11211
Permit Number:	NYR00A895
State-Region:	02
Expiration Date:	09/30/2017
Current Major Minor Status:	Minor
Primary Facility SIC Code:	5093
State Water Body Name:	ENGLISH KILLS, NEWTOWN CREEK
Limit Set Status Flag:	Active
Total Actual Average Flow(MGD):	Not reported
Total App Design Flow(MGD):	Not reported
UDF1:	Not reported
Lat/Long:	40.717 / -73.929
DMR Cognizant Official:	Not reported
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY047

Non-Gov Permit Affiliation Type Desc:	DMR Mailing Address
Non-Gov Permit Org Formal Name:	CHARLES J KING INC
Non-Gov Permit Street Address:	EMPIRE METAL TRADING LLC
Non-Gov Permit Supplemental Location:	1301 GRAND ST
Non-Gov Permit City:	BROOKLYN
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	11211
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	CHARLES J KING INC
Non-Gov Facility Street Address:	CHARLES J KING INC
Non-Gov Facility Supplemental Location:	1301 GRAND ST
Non-Gov Facility City:	BROOKLYN
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11211
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

Name:	EMPIRE METAL TRADING LLC
Address:	1301 GRAND ST
City,State,Zip:	BROOKLYN, NY 11211
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY047

Non-Gov Permit Affiliation Type Desc:	Permittee
Non-Gov Permit Org Formal Name:	CHARLES J KING INC
Non-Gov Permit Street Address:	1301 GRAND ST
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	BROOKLYN

CHARLES J KING INC (Continued) **1000231689**

Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	11211
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	CHARLES J KING INC
Non-Gov Facility Street Address:	CHARLES J KING INC
Non-Gov Facility Supplemental Location:	1301 GRAND ST
Non-Gov Facility City:	BROOKLYN
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11211
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

Name:	EMPIRE METAL TRADING LLC
Address:	1301 GRAND ST
City,State,Zip:	BROOKLYN, NY 11211
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY047

Non-Gov Permit Affiliation Type Desc:	Not reported
Non-Gov Permit Org Formal Name:	Not reported
Non-Gov Permit Street Address:	Not reported
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	Not reported
Non-Gov Permit State Code:	Not reported
Non-Gov Permit Zip Code:	Not reported
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	CHARLES J KING INC
Non-Gov Facility Street Address:	CHARLES J KING INC
Non-Gov Facility Supplemental Location:	1301 GRAND ST
Non-Gov Facility City:	BROOKLYN
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11211
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

198
NNE
1/8-1/4
0.197 mi.
1039 ft.

CANOVER INDUSTRIES INC
48TH ST & MASPETH AVE
MASPETH, NY 11378

RCRA NonGen / NLR **1000343678**
NY MANIFEST **NYD001903475**

Relative:
Higher

Actual:
10 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:		2007-01-01 00:00:00.0
Handler Name:	CANOVER INDUSTRIES INC	
Handler Address:		48TH ST & MASPETH AVE
Handler City,State,Zip:		MASPETH, NY 11378
EPA ID:		NYD001903475
Contact Name:		Not reported
Contact Address:		PO BOX 77
Contact City,State,Zip:		MASPETH, NY 11378
Contact Telephone:		Not reported
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		02
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		NY
State District:		NYSDEC R2
Mailing Address:		PO BOX 77
Mailing City,State,Zip:		MASPETH, NY 11378
Owner Name:		UNKNOWN
Owner Type:		Private
Operator Name:		UNKNOWN
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		NN
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

CANOVER INDUSTRIES INC (Continued) **1000343678**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	X003
Waste Description:	Not Defined

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNKNOWN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNKNOWN
Legal Status:	Private
Date Became Current:	Not reported

CANOVER INDUSTRIES INC (Continued) **1000343678**

Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNKNOWN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1999-07-08 00:00:00.0
Handler Name: CANOVER INDUSTRIES INC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2006-01-01 00:00:00.0
Handler Name: CANOVER INDUSTRIES INC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-01-01 00:00:00.0
Handler Name: CANOVER INDUSTRIES INC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes

CANOVER INDUSTRIES INC (Continued) **1000343678**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1987-09-02 00:00:00.0
Handler Name: CANOVER INDUSTRIES INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violation:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 1989-08-03 00:00:00.0
Actual Return to Compliance Date: 1989-08-03 00:00:00.0
Return to Compliance Qualifier: Not Resolved
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported

CANOVER INDUSTRIES INC (Continued) **1000343678**

Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 1989-08-03 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: NYDEC
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 1989-08-03 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

NY MANIFEST:
Name: CANOVER INDUSTRIES
Address: 48TH ST & MASPETH AVE
City,State,Zip: MASPETH, NY 11378
Country: USA
EPA ID: NYD001903475
Facility Status: Not reported
Location Address 1: 48TH STREET & MASPETH AVENUE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: MASPETH
Location State: NY
Location Zip: 11378
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYD001903475
Mailing Name: CANOVER INDUSTRIES
Mailing Contact: CANOVER INDUSTRIES
Mailing Address 1: 48TH STREET & MASPETH AVENUE
Mailing Address 2: Not reported
Mailing City: MASPETH
Mailing State: NY
Mailing Zip: 11378
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 7184568900

NY MANIFEST:
Document ID: NJA0802680
Manifest Status: K
seq: Not reported
Year: 1990
Trans1 State ID: NJDEPS869
Trans2 State ID: NJDEPS869
Generator Ship Date: 11/28/1990
Trans1 Recv Date: 11/28/1990
Trans2 Recv Date: 11/29/1990

CANOVER INDUSTRIES INC (Continued) **1000343678**

TSD Site Recv Date:	11/29/1990
Part A Recv Date:	12/31/1990
Part B Recv Date:	01/02/1991
Generator EPA ID:	NYD001903475
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	ILD051060408
TSDF ID 1:	NJD002182897
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	01756
Units:	P - Pounds
Number of Containers:	007
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100

L199 **ROCKMILLS STEEL PROD CORP** **NY AST** **U003388348**
SE **49-00 GRAND AVENUE** **N/A**
1/8-1/4 **MASPETH, NY 11378**
0.212 mi.
1119 ft. **Site 1 of 2 in cluster L**

Relative:
Higher

Actual:
12 ft.

AST:

Name:	ROCKMILLS STEEL PROD CORP
Address:	49-00 GRAND AVENUE
City,State,Zip:	MASPETH, NY 11378
Region:	STATE
DEC Region:	2
Site Status:	Unregulated/Closed
Facility Id:	2-270350
Program Type:	PBS
UTM X:	591220.01070
UTM Y:	4507920.00728
Expiration Date:	N/A
Site Type:	Unknown

Affiliation Records:

Site Id:	11357
Affiliation Type:	Facility Owner
Company Name:	JAMES P OBRIEN

ROCKMILLS STEEL PROD CORP (Continued) **U003388348**

Contact Type:	Not reported
Contact Name:	Not reported
Address1:	59-12 54TH ST
Address2:	Not reported
City:	MASPETH
State:	NY
Zip Code:	11378
Country Code:	001
Phone:	(718) 366-8300
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	11357
Affiliation Type:	Mail Contact
Company Name:	ROCKMILLS STEEL PRODUCT
Contact Type:	Not reported
Contact Name:	JAMES J. O'BRIEN
Address1:	4900 GRAND AVE
Address2:	Not reported
City:	MASPETH
State:	NY
Zip Code:	11378
Country Code:	001
Phone:	(718) 366-8300
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	11357
Affiliation Type:	Facility Operator
Company Name:	ROCKMILLS STEEL PROD CORP
Contact Type:	Not reported
Contact Name:	MIKE JOHNSON
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 366-8300
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	11357
Affiliation Type:	Emergency Contact
Company Name:	JAMES P OBRIEN
Contact Type:	Not reported
Contact Name:	MIKE JOHNSON
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN

ROCKMILLS STEEL PROD CORP (Continued) **U003388348**

Zip Code:	Not reported
Country Code:	001
Phone:	(718) 235-8841
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	001
Tank Id:	13795
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

	G03 - Tank Secondary Containment - Vault (w/o access)
	H00 - Tank Leak Detection - None
	A00 - Tank Internal Protection - None
	D01 - Pipe Type - Steel/Carbon Steel/Iron
	J02 - Dispenser - Suction Dispenser
	B00 - Tank External Protection - None
	C00 - Pipe Location - No Piping
	F00 - Pipe External Protection - None
	I04 - Overfill - Product Level Gauge (A/G)
Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	3000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	04/14/2017
Material Name:	#2 fuel oil (on-site consumption)

L200 **NEW STYLE RECYCLING CORP** **NY SWF/LF** **S105841103**
SE **49-10 GRAND AVENUE** **NY Financial Assurance** **N/A**
1/8-1/4 **MASPETH, NY 11378**
0.213 mi.
1123 ft. **Site 2 of 2 in cluster L**

Relative:
Higher

Actual:
13 ft.

SWF/LF:

Name:	NEW STYLE RECYCLING CORP
Address:	49-10 GRAND AVENUE
City,State,Zip:	MASPETH, NY 11378
Flag:	INACTIVE
Region Code:	2
Phone Number:	7183264175
Owner Name:	Antoinette Cristina
Owner Type:	Private
Owner Address:	49-10 Grand Ave

NEW STYLE RECYCLING CORP (Continued) **S105841103**

Owner Addr2:	Not reported
Owner City,St,Zip:	Maspeth, NY 11378
Owner Email:	Not reported
Owner Phone:	7183264175
Contact Name:	Michael J. Cristina
Contact Address:	49-10 Grand Ave.
Contact Addr2:	Not reported
Contact City,St,Zip:	Maspeth, NY 11378
Contact Email:	michael@newstylerecycling
Contact Phone:	7183264175
Activity Desc:	C&D processing - registration
Activity Number:	[41W53]
Active:	No
East Coordinate:	591300
North Coordinate:	4507948
Accuracy Code:	Not reported
Regulatory Status:	None
Waste Type:	Not reported
Authorization #:	2-6304-00021
Authorization Date:	11/14/1995
Expiration Date:	11/14/2000
Operator Name:	Michael J.Cristina
Operator Type:	Private
Laste Date:	Not reported

Name:	NEW STYLE RECYCLING CORP
Address:	49-10 GRAND AVENUE
City,State,Zip:	MASPETH, NY 11378
Flag:	ACTIVE
Region Code:	2
Phone Number:	7183264175
Owner Name:	Antoinette Cristina
Owner Type:	Private
Owner Address:	49-10 Grand Ave
Owner Addr2:	Not reported
Owner City,St,Zip:	Maspeth, NY 11378
Owner Email:	Not reported
Owner Phone:	7183264175
Contact Name:	Michael J. Cristina
Contact Address:	49-10 Grand Ave.
Contact Addr2:	Not reported
Contact City,St,Zip:	Maspeth, NY 11378
Contact Email:	michael@newstylerecycling
Contact Phone:	7183264175
Activity Desc:	Transfer station - permit
Activity Number:	[41T53]
Active:	Yes
East Coordinate:	591300
North Coordinate:	4507948
Accuracy Code:	Not reported
Regulatory Status:	Permit
Waste Type:	MSW (Residential/Institutional & Commercial)
Authorization #:	2-6304-00021/00003
Authorization Date:	3/10/2017
Expiration Date:	3/9/2022
Operator Name:	Michael J.Cristina
Operator Type:	Private

NEW STYLE RECYCLING CORP (Continued) **S105841103**

Laste Date: Not reported

Name: NEW STYLE RECYCLING CORP
Address: 49-10 GRAND AVENUE
City,State,Zip: MASPETH, NY 11378
Flag: ACTIVE
Region Code: 2
Phone Number: 7183264175
Owner Name: Antoinette Cristina
Owner Type: Private
Owner Address: 49-10 Grand Ave
Owner Addr2: Not reported
Owner City,St,Zip: Maspeth, NY 11378
Owner Email: Not reported
Owner Phone: 7183264175
Contact Name: Michael J. Cristina
Contact Address: 49-10 Grand Ave.
Contact Addr2: Not reported
Contact City,St,Zip: Maspeth, NY 11378
Contact Email: michael@newstylerecycling
Contact Phone: 7183264175
Activity Desc: C&D processing - permit
Activity Number: [41W53]
Active: Yes
East Coordinate: 591300
North Coordinate: 4507948
Accuracy Code: Not reported
Regulatory Status: Permit
Waste Type: Construction & Demolition Debris;Soil (Clean);Wood (Clean);Concrete;Metals (Non-Ferrous);Metals (Ferrous);Wood (Unadulterated);Paper / Cardboard;Plastics;Waste Tires;Wood (Unadulterated Pallets)
Authorization #: 2-6304-00021/00003
Authorization Date: 3/10/2017
Expiration Date: 3/9/2022
Operator Name: Michael J.Cristina
Operator Type: Private
Laste Date: Not reported

NY Financial Assurance 1:
Name: NEW STYLE RECYCLING CORP
Address: 49-10 GRAND AVENUE
City,State,Zip: MASPETH, NY
Owner Name: Antoinette Cristina
Region: 2
Estimate Type: Closure Estimate
Estimate Amount: $168,640
Estimate Date: 03/01/2001
Mechanism: Surety bond - Performance
Mechanism Amount: $168,640
Issue Date: 10/26/2011
Activity Number: 41W53
Activity Description: C&D processing - permit

201
SE
1/8-1/4
0.218 mi.
1151 ft.

Z R ENTERPRISES INC
4710 GRAND AVE
MASPETH, NY 11378

RCRA NonGen / NLR
FINDS
ECHO

1004758643
NYD987014164

Relative:
Higher

Actual:
10 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:		2007-01-01 00:00:00.0
Handler Name:	Z R ENTERPRISES INC	
Handler Address:		4710 GRAND AVE
Handler City,State,Zip:		MASPETH, NY 11378
EPA ID:		NYD987014164
Contact Name:		DOM PROCIDA
Contact Address:		BERKSHIRE AVE
Contact City,State,Zip:		PATERSON, NY 07502
Contact Telephone:		718-416-0509
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		02
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		NY
State District:		NYSDEC R2
Mailing Address:		BERKSHIRE AVE
Mailing City,State,Zip:		PATERSON, NY 07502
Owner Name:		Z R ENTERPRISES INC
Owner Type:		Private
Operator Name:		Z R ENTERPRISES INC
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		NN
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

Z R ENTERPRISES INC (Continued) **1004758643**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D018
Waste Description:	BENZENE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	Z R ENTERPRISES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	101 BERKSHIRE AVE
Owner/Operator City,State,Zip:	PATERSON, NJ 07502
Owner/Operator Telephone:	201-790-3001
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	Z R ENTERPRISES INC
Legal Status:	Private
Date Became Current:	Not reported

Z R ENTERPRISES INC (Continued) **1004758643**

Date Ended Current:	Not reported
Owner/Operator Address:	101 BERKSHIRE AVE
Owner/Operator City,State,Zip:	PATERSON, NJ 07502
Owner/Operator Telephone:	201-790-3001
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	Z R ENTERPRISES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	101 BERKSHIRE AVE
Owner/Operator City,State,Zip:	PATERSON, NJ 07502
Owner/Operator Telephone:	201-790-3001
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2006-01-01 00:00:00.0
Handler Name: Z R ENTERPRISES INC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-01-01 00:00:00.0
Handler Name: Z R ENTERPRISES INC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	1992-09-11 00:00:00.0
Handler Name: Z R ENTERPRISES INC	
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

Z R ENTERPRISES INC (Continued) **1004758643**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110004494887

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1004758643
Registry ID: 110004494887
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004494887
Name: Z R ENTERPRISES INC
Address: 4710 GRAND AVE
City,State,Zip: MASPETH, NY 11378

---

202 NE 1/8-1/4 0.218 mi. 1151 ft.

LARSTAN PROCESSING CO INC
48-85 MASPETH AVE
MASPETH, NY 11378

RCRA NonGen / NLR **1000387914**
FINDS **NYD001512847**
ECHO
NY MANIFEST

Relative: Higher

Actual: 10 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 2007-01-01 00:00:00.0
Handler Name: LARSTAN PROCESSING CO INC
Handler Address: 48-85 MASPETH AVE
Handler City,State,Zip: MASPETH, NY 11378-2109
EPA ID: NYD001512847
Contact Name: Not reported
Contact Address: MASPETH AVE
Contact City,State,Zip: MASPETH, NY 11378
Contact Telephone: Not reported
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 02

LARSTAN PROCESSING CO INC (Continued) **1000387914**

Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	MASPETH AVE
Mailing City,State,Zip:	MASPETH, NY 11378
Owner Name:	CHARLES CATAN
Owner Type:	Private
Operator Name:	CHARLES CATAN
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No

LARSTAN PROCESSING CO INC (Continued) **1000387914**

Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHARLES CATAN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHARLES CATAN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHARLES CATAN
Legal Status:	Private
Date Became Current:	Not reported

LARSTAN PROCESSING CO INC (Continued) **1000387914**

Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 1999-07-08 00:00:00.0
Handler Name: LARSTAN PROCESSING CO INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2006-01-01 00:00:00.0
Handler Name: LARSTAN PROCESSING CO INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2007-01-01 00:00:00.0
Handler Name: LARSTAN PROCESSING CO INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1988-09-02 00:00:00.0
Handler Name: LARSTAN PROCESSING CO INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No

LARSTAN PROCESSING CO INC (Continued) **1000387914**

Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110004335103

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000387914
Registry ID: 110004335103
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004335103
Name: LARSTAN PROCESSING CO INC
Address: 48-85 MASPETH AVE
City,State,Zip: MASPETH, NY 11378

NY MANIFEST:
Name: LARSTAN PROCESSING COMPANY
Address: 48-85 MASPETH AVE
City,State,Zip: MASPETH, NY 11378-2109
Country: USA
EPA ID: NYD001512847
Facility Status: Not reported
Location Address 1: 48-85 MASPETH AVENUE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: MASPETH
Location State: NY
Location Zip: 11378
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYD001512847

LARSTAN PROCESSING CO INC (Continued) **1000387914**

Mailing Name:	LARSTAN PROCESSING COMPANY
Mailing Contact:	LARSTAN PROCESSING COMPANY
Mailing Address 1:	48-85 MASPETH AVENUE
Mailing Address 2:	Not reported
Mailing City:	MASPETH
Mailing State:	NY
Mailing Zip:	11378
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7174170909

NY MANIFEST:

Document ID:	NYA7797654
Manifest Status:	C
seq:	Not reported
Year:	1988
Trans1 State ID:	000000000
Trans2 State ID:	000000000
Generator Ship Date:	09/02/1988
Trans1 Recv Date:	09/02/1988
Trans2 Recv Date:	/ /
TSD Site Recv Date:	09/02/1988
Part A Recv Date:	09/19/1988
Part B Recv Date:	09/22/1988
Generator EPA ID:	NYD001512847
Trans1 EPA ID:	NYD000824334
Trans2 EPA ID:	Not reported
TSDF ID 1:	NYD000824334
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	F005 - UNKNOWN
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00220
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	004
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100

203
South
1/8-1/4
0.226 mi.
1192 ft.

EXXON CO USA-MASPETH TERMINAL
4673 METROPOLITAN AVE
MASPETH, NY 11378

RCRA NonGen / NLR
FINDS
ECHO
NY MANIFEST

1000335557
NYD000705970

Relative:
Lower

Actual:
3 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	2007-01-01 00:00:00.0
Handler Name:	EXXON CO USA-MASPETH TERMINAL
Handler Address:	4673 METROPOLITAN AVE
Handler City,State,Zip:	MASPETH, NY 11378
EPA ID:	NYD000705970
Contact Name:	Not reported
Contact Address:	METROPOLITAN AVE
Contact City,State,Zip:	MASPETH, NY 11378
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	METROPOLITAN AVE
Mailing City,State,Zip:	MASPETH, NY 11378
Owner Name:	EXXON COMPANY USA
Owner Type:	Private
Operator Name:	EXXON COMPANY USA
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

EXXON CO USA-MASPETH TERMINAL (Continued) **1000335557**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EXXON COMPANY USA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	EXXON COMPANY USA
Legal Status:	Private
Date Became Current:	Not reported

EXXON CO USA-MASPETH TERMINAL (Continued) **1000335557**

Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	EXXON COMPANY USA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1999-07-08 00:00:00.0
Handler Name:	EXXON CO USA-MASPETH TERMINAL
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2006-01-01 00:00:00.0
Handler Name:	EXXON CO USA-MASPETH TERMINAL
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2007-01-01 00:00:00.0
Handler Name:	EXXON CO USA-MASPETH TERMINAL
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes

EXXON CO USA-MASPETH TERMINAL (Continued) **1000335557**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1980-08-18 00:00:00.0
Handler Name: EXXON CO USA-MASPETH TERMINAL
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 42271
NAICS Description: PETROLEUM BULK STATIONS AND TERMINALS

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported

EXXON CO USA-MASPETH TERMINAL (Continued) **1000335557**

Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 1983-12-07 00:00:00.0
Evaluation Responsible Agency: EPA
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

FINDS:
Registry ID: 110004330484

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000335557
Registry ID: 110004330484
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004330484
Name: EXXON CO USA-MASPETH TERMINAL
Address: 4673 METROPOLITAN AVE
City,State,Zip: MASPETH, NY 11378

NY MANIFEST:
Name: EXXON COMPANY USA-MASPETH TERMINAL
Address: 4673 METROPOLITAN AVE
City,State,Zip: MASPETH, NY 11378
Country: USA
EPA ID: NYD000705970
Facility Status: Not reported
Location Address 1: 4673 METROPOLITAN AVENUE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: MASPETH
Location State: NY
Location Zip: 11237
Location Zip 4: Not reported

EXXON CO USA-MASPETH TERMINAL (Continued) **1000335557**

NY MANIFEST:

EPAID:	NYD000705970
Mailing Name:	EXXON COMPANY USA-MASPETH TERMINAL
Mailing Contact:	EXXON COMPANY USA-MASPETH TERMINAL
Mailing Address 1:	4673 METRO AVENUE
Mailing Address 2:	Not reported
Mailing City:	MASPETH
Mailing State:	NY
Mailing Zip:	11237
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	0000000000

NY MANIFEST:

Document ID:	NYO4109121
Manifest Status:	K
seq:	Not reported
Year:	1984
Trans1 State ID:	NYJA053
Trans2 State ID:	Not reported
Generator Ship Date:	05/08/1984
Trans1 Recv Date:	05/08/1984
Trans2 Recv Date:	/ /
TSD Site Recv Date:	05/08/1984
Part A Recv Date:	09/11/1984
Part B Recv Date:	05/30/1984
Generator EPA ID:	NYD000705970
Trans1 EPA ID:	NJD085634335
Trans2 EPA ID:	Not reported
TSDF ID 1:	NYD980647283
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	01000
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DT - Dump trucks
Handling Method:	Not reported
Specific Gravity:	100

M204 **NEW PENN MOTOR EXPRESS, LLC** **NY UST U000393622**
ESE **58-60 PAGE PLACE** **NY AST N/A**
1/8-1/4 **MASPETH, NY 11378**
0.236 mi.
1247 ft. **Site 1 of 2 in cluster M**

Relative:
Higher

Actual:
14 ft.

UST:

Name:	NEW PENN MOTOR EXPRESS, LLC
Address:	58-60 PAGE PLACE
City,State,Zip:	MASPETH, NY 11378
Id/Status:	2-032069 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	05/15/2024
UTM X:	591375.37147
UTM Y:	4508005.60284
Site Type:	Trucking/Transportation/Fleet Operation

Affiliation Records:

Site Id:	183
Affiliation Type:	Mail Contact
Company Name:	YRCW ENTERPRISE PROPERTIES
Contact Type:	Not reported
Contact Name:	RUBEN D. BYELEY
Address1:	10990 ROE AVENUE MS A650
Address2:	Not reported
City:	OVERLAND PARK
State:	KS
Zip Code:	66211
Country Code:	001
Phone:	(913) 344-3644
EMail:	RUBEN.BYELEY@YRCW.COM
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2020-10-23

Site Id:	183
Affiliation Type:	Emergency Contact
Company Name:	A.DUIE PYLE INC.
Contact Type:	Not reported
Contact Name:	RUBEN BYERLEY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(913) 575-9568
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2020-10-23

Site Id:	183
Affiliation Type:	Facility Owner
Company Name:	A.DUIE PYLE INC.
Contact Type:	MANAGER - ENVIROMENTAL SERVICES
Contact Name:	RUBEN D. BYELEY
Address1:	PO BOX 564

NEW PENN MOTOR EXPRESS, LLC (Continued) **U000393622**

Address2:	Not reported
City:	WEST CHESTER
State:	PA
Zip Code:	19381
Country Code:	001
Phone:	(800) 523-5020
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2020-10-23

Site Id:	183
Affiliation Type:	Facility Operator
Company Name:	NEW PENN MOTOR EXPRESS, LLC
Contact Type:	Not reported
Contact Name:	MICHAEL FOX, TERMINAL MANAGER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 366-7590
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2020-10-23

Tank Info:

Tank Number:	001
Tank ID:	831
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
D00 - Pipe Type - No Piping

NEW PENN MOTOR EXPRESS, LLC (Continued) **U000393622**

I00 - Overfill - None
A00 - Tank Internal Protection - None
H99 - Tank Leak Detection - Other

Tank Number:	002
Tank ID:	832
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
H99 - Tank Leak Detection - Other

Tank Number:	003
Tank ID:	833
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

NEW PENN MOTOR EXPRESS, LLC (Continued) **U000393622**

A00 - Tank Internal Protection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
D00 - Pipe Type - No Piping
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H99 - Tank Leak Detection - Other

Tank Number: 004
Tank ID: 834
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
D00 - Pipe Type - No Piping
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
H99 - Tank Leak Detection - Other

Tank Number: 005
Tank ID: 48268
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0000
Common Name of Substance: Empty

Tightness Test Method: NN
Date Test: Not reported

NEW PENN MOTOR EXPRESS, LLC (Continued) **U000393622**

Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

D00 - Pipe Type - No Piping
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
I00 - Overfill - None
B02 - Tank External Protection - Original Sacrificial Anode
F00 - Pipe External Protection - None

Tank Number: 006
Tank ID: 48269
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0000
Common Name of Substance: Empty

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating

Tank Number: 007
Tank ID: 48270
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True

NEW PENN MOTOR EXPRESS, LLC (Continued) **U000393622**

Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0000
Common Name of Substance: Empty

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating

Tank Number: 008
Tank ID: 48271
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0000
Common Name of Substance: Empty

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Tank Number: 009
Tank ID: 53699

NEW PENN MOTOR EXPRESS, LLC (Continued) **U000393622**

Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	4000
Install Date:	10/01/1994
Date Tank Closed:	07/10/2010
Registered:	True
Tank Location:	Underground
Tank Type:	Fiberglass coated steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	14
Date Test:	02/24/2005
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	NRLOMBAR
Last Modified:	04/14/2017

Equipment Records:

J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
I04 - Overfill - Product Level Gauge (A/G)
I02 - Overfill - High Level Alarm
E04 - Piping Secondary Containment - Double walled UG
F00 - Pipe External Protection - None
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
B04 - Tank External Protection - Fiberglass
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
H05 - Tank Leak Detection - In-Tank System (ATG)
D11 - Pipe Type - Flexible Piping
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number:	010
Tank ID:	53700
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	4000
Install Date:	10/01/1994
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Fiberglass coated steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	76
Date Test:	02/08/2021
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	LABATIST
Last Modified:	03/04/2021

Equipment Records:

C02 - Pipe Location - Underground/On-ground
J02 - Dispenser - Suction Dispenser

NEW PENN MOTOR EXPRESS, LLC (Continued) **U000393622**

L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
B04 - Tank External Protection - Fiberglass
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
A00 - Tank Internal Protection - None
F01 - Pipe External Protection - Painted/Asphalt Coating
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off
B02 - Tank External Protection - Original Sacrificial Anode
E04 - Piping Secondary Containment - Double walled UG
D11 - Pipe Type - Flexible Piping
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number:	011
Tank ID:	53701
Tank Status:	Tank Converted to Non-Regulated Use
Material Name:	Tank Converted to Non-Regulated Use
Capacity Gallons:	1000
Install Date:	10/01/1994
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Fiberglass coated steel
Material Code:	9999
Common Name of Substance:	Other
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	msbaptis
Last Modified:	04/14/2017

Equipment Records:

H05 - Tank Leak Detection - In-Tank System (ATG)
G04 - Tank Secondary Containment - Double-Walled (Underground)
C02 - Pipe Location - Underground/On-ground
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
J00 - Dispenser - None
B02 - Tank External Protection - Original Sacrificial Anode
F00 - Pipe External Protection - None

AST:

Name:	NEW PENN MOTOR EXPRESS, LLC
Address:	58-60 PAGE PLACE
City,State,Zip:	MASPETH, NY 11378
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-032069
Program Type:	PBS
UTM X:	591375.37147

NEW PENN MOTOR EXPRESS, LLC (Continued) **U000393622**

UTM Y: 4508005.60284
Expiration Date: 05/15/2024
Site Type: Trucking/Transportation/Fleet Operation

Affiliation Records:

Site Id: 183
Affiliation Type: Mail Contact
Company Name: YRCW ENTERPRISE PROPERTIES
Contact Type: Not reported
Contact Name: RUBEN D. BYELEY
Address1: 10990 ROE AVENUE MS A650
Address2: Not reported
City: OVERLAND PARK
State: KS
Zip Code: 66211
Country Code: 001
Phone: (913) 344-3644
EMail: RUBEN.BYELEY@YRCW.COM
Fax Number: Not reported
Modified By: DAFRANCI
Date Last Modified: 2020-10-23

Site Id: 183
Affiliation Type: Emergency Contact
Company Name: A.DUIE PYLE INC.
Contact Type: Not reported
Contact Name: RUBEN BYERLEY
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (913) 575-9568
EMail: Not reported
Fax Number: Not reported
Modified By: DAFRANCI
Date Last Modified: 2020-10-23

Site Id: 183
Affiliation Type: Facility Owner
Company Name: A.DUIE PYLE INC.
Contact Type: MANAGER - ENVIROMENTAL SERVICES
Contact Name: RUBEN D. BYELEY
Address1: PO BOX 564
Address2: Not reported
City: WEST CHESTER
State: PA
Zip Code: 19381
Country Code: 001
Phone: (800) 523-5020
EMail: Not reported
Fax Number: Not reported
Modified By: DAFRANCI
Date Last Modified: 2020-10-23

Site Id: 183
Affiliation Type: Facility Operator

NEW PENN MOTOR EXPRESS, LLC (Continued) **U000393622**

Company Name:	NEW PENN MOTOR EXPRESS, LLC
Contact Type:	Not reported
Contact Name:	MICHAEL FOX, TERMINAL MANAGER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 366-7590
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2020-10-23

Tank Info:

Tank Number:	012
Tank Id:	221531
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil

Equipment Records:

	I04 - Overfill - Product Level Gauge (A/G)
	J00 - Dispenser - None
	E00 - Piping Secondary Containment - None
	A00 - Tank Internal Protection - None
	B01 - Tank External Protection - Painted/Asphalt Coating
	G10 - Tank Secondary Containment - Impervious Underlayment
	K00 - Spill Prevention - None
	C00 - Pipe Location - No Piping
	F00 - Pipe External Protection - None
	D00 - Pipe Type - No Piping
	H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
	L00 - Piping Leak Detection - None
Tank Location:	Aboveground - contact with impervious barrier... Tank bottom rests on impervious barrier, allowing visual indication of leaks.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	04/15/2005
Capacity Gallons:	500
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	DAFRANCI
Last Modified:	10/23/2020
Material Name:	waste oil/used oil

Tank Number:	013
Tank Id:	221532
Material Code:	0013
Common Name of Substance:	Lube Oil

NEW PENN MOTOR EXPRESS, LLC (Continued) **U000393622**

Equipment Records:
D11 - Pipe Type - Flexible Piping
C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)
J07 - Dispenser - Loading Rack/Transfer Pump
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
G10 - Tank Secondary Containment - Impervious Underlayment
K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
F00 - Pipe External Protection - None

Tank Location: Aboveground - contact with impervious barrier... Tank bottom rests on impervious barrier, allowing visual indication of leaks.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 04/15/2005
Capacity Gallons: 500
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: DAFRANCI
Last Modified: 10/23/2020
Material Name: lube oil

Tank Number: 014
Tank Id: 263118

Equipment Records:
D11 - Pipe Type - Flexible Piping
C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
G10 - Tank Secondary Containment - Impervious Underlayment
K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
F00 - Pipe External Protection - None

Tank Location: Aboveground - contact with impervious barrier... Tank bottom rests on impervious barrier, allowing visual indication of leaks.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 10/01/1994
Capacity Gallons: 250
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported

NEW PENN MOTOR EXPRESS, LLC (Continued) **U000393622**

Register:	True
Modified By:	DAFRANCI
Last Modified:	10/23/2020
Material Name:	Diesel (E-Gen)

M205 **NEW PENN MOTOR EXPRESS INC** **NY LTANKS** **S104495352**
ESE **58-60 PAGE PL** **NY Spills** **N/A**
1/8-1/4 **MASPETH, NY 11378** **NY SPDES**
0.236 mi.
1247 ft. **Site 2 of 2 in cluster M**

Relative: **Higher**
Actual: **14 ft.**

LTANKS:

Name:	NEW PENN MOTOR EXPRESS
Address:	58-60 PAGE PLACE
City,State,Zip:	MASPETH, NY
Spill Number/Closed Date:	9404838 / 2005-11-22
Facility ID:	9404838
Site ID:	138366
Spill Date:	1994-07-08
Spill Cause:	Tank Failure
Spill Source:	Non Major Facility > 1,100 gal
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	WBWELLIN
Referred To:	Not reported
Reported to Dept:	1994-07-08
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1994-10-05
Spill Record Last Update:	2005-11-22
Spiller Name:	TIMOTHY HOFFMAN
Spiller Company:	NEW PENN MOTOR EXPRESS
Spiller Address:	625 FIFTH AVENUE
Spiller County:	001
Spiller Contact:	TIMOTHY D. HOFFMAN
Spiller Phone:	(717) 274-2521
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	118312
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was ROMMEL This spill was transferred from DEC Sigona to Rommel on 2/2/04. Spill closed due to lack of significant residual contamination. 10/10/95: This is additional information about material spilled from the translation of the old spill file: CONTAM. SOIL-8 TANKS. 12/18/95 - SUMMARY OF INVESTIGATION. DEC RECEIVED INFORMATION FROM NEW PENN MOTOR RELATED TO REMEDIATION OF THE FORMER PBS FACILITY. ON NOVEMBER 6, 1995 DEC RECEIVED REQUESTED CLOSURE REPORT DOCUMENTING THE REMOVAL OF GASOLINE AND DIESEL TANKS AT THE SITE. I NOTICED THAT INTERNATIONAL TECHNOLOGY CORP (ITC) PERFORMED A SITE ASSESSMENT OF THE PROPERTY IN JULY 1989. ON NOVEMBER 21, 1995, DEC RECEIVED COPY OF RISK ASSESSMENT DATA RELATED TO HAZ WASTE FOR

NEW PENN MOTOR EXPRESS INC (Continued) **S104495352**

ALUMINUM. ON DECEMBER 18, 1995, DEC FAXED AND MAILED LETTER TO TIM HOFFMAN AFTER NOT HAVING TURNOVER OF MY PHONE CALLS PLACED OVER LAST FEW WEEKS TO REQUEST COPY OF THE ITC SITE ASSESSMENT. THE SITE ASSESSMENT IS KEY TO UNDERSTANDING THE LEVEL AND EXTENT OF PETROLEUM CONTAMINATION PRESENT PRIOR TO INITIATING THE TANK REMOVAL."

Remarks: "WILL SAMPLE STOCK PILING- 4 TANKS SETS & 4 TANK SETS -200YDS APART."

All Materials:

Site ID:	138366
Operable Unit ID:	999102
Operable Unit:	01
Material ID:	381433
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

SPILLS:

Name:	58-60 PAGE PLACE
Address:	58-60 PAGE PLACE
City,State,Zip:	MASPETH, NY
Spill Number/Closed Date:	9204038 / 1992-07-08
Facility ID:	9204038
Facility Type:	ER
DER Facility ID:	118312
Site ID:	172620
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	4101
Spill Date:	1992-07-08
Investigator:	KSTANG
Referred To:	Not reported
Reported to Dept:	1992-07-08
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Citizen
Cleanup Ceased:	1992-07-08
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1992-07-16
Spill Record Last Update:	2008-05-08
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was

NEW PENN MOTOR EXPRESS INC (Continued) **S104495352**

	TANG "
Remarks:	"REFERRED TO LAW ENFORCEMENT."

All Materials:

Site ID:	172620
Operable Unit ID:	967838
Operable Unit:	01
Material ID:	411796
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

Name:	NEW PENN MOTOR EXPRESS
Address:	58-60 PAGE PLACE
City,State,Zip:	MASPETH, NY 11378
Spill Number/Closed Date:	1102995 / 2015-06-22
Facility ID:	1102995
Facility Type:	ER
DER Facility ID:	183
Site ID:	450537
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	D4
SWIS:	4101
Spill Date:	2011-06-15
Investigator:	RMPIPER
Referred To:	Not reported
Reported to Dept:	2011-06-15
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2011-06-15
Spill Record Last Update:	2015-06-22
Spiller Name:	JEFF LAWSON
Spiller Company:	NEW PENN MOTOR EXPRESS
Spiller Address:	58-60 PAGE PLACE
Spiller Company:	999
Contact Name:	JEFF LAWSON
DEC Memo:	"DEC Piper psoke with Jeff Lawson, tank has been emptied and will be tested. 6/27/11- DECPiper left message for Jeff requesting update and callback. DEC Piper spoke to Tom Gerhard at 717-673-1120 req documentation of repairs and retest. He will email documentation 6/22/15- DEC Piper - spok with Tom Ggerhold of New Penn. He emailed me tank tightness affidavit for FDNY. It isnt ideal but it is acceptable based on spill specifics. Spill closed. See dec docs if

NEW PENN MOTOR EXPRESS INC (Continued) **S104495352**

warranted."

Remarks: "Water was found in interstitial space. There has been loss of product, but the source of the water is unknown. Tank tester will be there tomorrow. Jeff would like contact with spill responder to determine if this is a reportable spill. Tank has been emptied of product and taken out of service."

All Materials:

Site ID:	450537
Operable Unit ID:	1200744
Operable Unit:	01
Material ID:	2197166
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

SPDES:

Name:	NEW PENN MOTOR EXPRESS INC
Address:	58-60 PAGE PL
City,State,Zip:	MASPETH, NY 11378-2250
Permit Number:	NYR00C469
State-Region:	02
Expiration Date:	09/30/2017
Current Major Minor Status:	Minor
Primary Facility SIC Code:	4213
State Water Body Name:	ENGLISH KILLS TRIBUTARY TO NEWTON CREEK
Limit Set Status Flag:	Active
Total Actual Average Flow(MGD):	Not reported
Total App Design Flow(MGD):	Not reported
UDF1:	Not reported
Lat/Long:	40.719 / -73.919
DMR Cognizant Official:	Not reported
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY081

Non-Gov Permit Affiliation Type Desc:	DMR Mailing Address
Non-Gov Permit Org Formal Name:	NEW PENN MOTOR EXPRESS INC
Non-Gov Permit Street Address:	NEW PENN MOTOR EXPRESS INC
Non-Gov Permit Supplemental Location:	625 SOUTH FIFTH AVE
Non-Gov Permit City:	LEBANON
Non-Gov Permit State Code:	PA
Non-Gov Permit Zip Code:	17042
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	NEW PENN MOTOR EXPRESS INC
Non-Gov Facility Street Address:	NEW PENN MOTOR EXPRESS INC
Non-Gov Facility Supplemental Location:	625 SOUTH FIFTH AVE
Non-Gov Facility City:	LEBANON
Non-Gov Facility State Code:	PA
Non-Gov Facility Zip Code:	17042

NEW PENN MOTOR EXPRESS INC (Continued) **S104495352**

State Water Body: Not reported
Region Permit Processed: Not reported
Dow Discharge Class Code: Not reported
SPDES Class Description: Not reported
Affiliation Type Description: Not reported
Name: Not reported
Contacts Title: Not reported
Contacts Email: Not reported
NOI Submission Date: Not reported

Name: NEW PENN MOTOR EXPRESS INC
Address: 58-60 PAGE PL
City,State,Zip: MASPETH, NY 11378-2250
UDF2: Not reported
UDF3: Not reported
FIPS County Code: NY081

Non-Gov Permit Affiliation Type Desc: Permittee
Non-Gov Permit Org Formal Name: NEW PENN MOTOR EXPRESS INC
Non-Gov Permit Street Address: 625 SOUTH FIFTH AVE
Non-Gov Permit Supplemental Location: Not reported
Non-Gov Permit City: LEBANON
Non-Gov Permit State Code: PA
Non-Gov Permit Zip Code: 17042
Non-Gov Facility Affiliation Type Desc: Owner
Non-Gov Facility Org Formal Name: NEW PENN MOTOR EXPRESS INC
Non-Gov Facility Street Address: NEW PENN MOTOR EXPRESS INC
Non-Gov Facility Supplemental Location: 625 SOUTH FIFTH AVE
Non-Gov Facility City: LEBANON
Non-Gov Facility State Code: PA
Non-Gov Facility Zip Code: 17042
State Water Body: Not reported
Region Permit Processed: Not reported
Dow Discharge Class Code: Not reported
SPDES Class Description: Not reported
Affiliation Type Description: Not reported
Name: Not reported
Contacts Title: Not reported
Contacts Email: Not reported
NOI Submission Date: Not reported

Name: NEW PENN MOTOR EXPRESS INC
Address: 58-60 PAGE PL
City,State,Zip: MASPETH, NY 11378-2250
UDF2: Not reported
UDF3: Not reported
FIPS County Code: NY081

Non-Gov Permit Affiliation Type Desc: Not reported
Non-Gov Permit Org Formal Name: Not reported
Non-Gov Permit Street Address: Not reported
Non-Gov Permit Supplemental Location: Not reported
Non-Gov Permit City: Not reported
Non-Gov Permit State Code: Not reported
Non-Gov Permit Zip Code: Not reported
Non-Gov Facility Affiliation Type Desc: Owner
Non-Gov Facility Org Formal Name: NEW PENN MOTOR EXPRESS INC

NEW PENN MOTOR EXPRESS INC (Continued) **S104495352**

Non-Gov Facility Street Address:	NEW PENN MOTOR EXPRESS INC
Non-Gov Facility Supplemental Location:	625 SOUTH FIFTH AVE
Non-Gov Facility City:	LEBANON
Non-Gov Facility State Code:	PA
Non-Gov Facility Zip Code:	17042
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

N206 **CON EDISON MANHOLE 21694** **RCRA NonGen / NLR** **1014926777**
ESE **PAGE PL & GRAND AVE** **FINDS** **NYP004245627**
1/8-1/4 **MASPETH, NY 11378** **ECHO**
0.242 mi.
1277 ft. **Site 1 of 3 in cluster N**

Relative: **Higher**
Actual: **14 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	2012-01-17 00:00:00.0
Handler Name:	CON EDISON MANHOLE 21694
Handler Address:	PAGE PL & GRAND AVE
Handler City,State,Zip:	MASPETH, NY 11378
EPA ID:	NYP004245627
Contact Name:	JACQUELYN MASON
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	718-802-5196
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	SR OFFICE ASSISTANT A X L1-2
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	4 IRVING PL, RM 828
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No

CON EDISON MANHOLE 21694 (Continued) **1014926777**

Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Historic Generators:

Receive Date:	2011-12-18 00:00:00.0
Handler Name:	CON EDISON MANHOLE 21694
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

CON EDISON MANHOLE 21694 (Continued) **1014926777**

Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2012-01-17 00:00:00.0
Handler Name: CON EDISON MANHOLE 21694
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110044986192

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1014926777
Registry ID: 110044986192
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110044986192
Name: CON EDISON MANHOLE 21694
Address: PAGE PL & GRAND AVE
City,State,Zip: MASPETH, NY 11378

N207
ESE
1/8-1/4
0.242 mi.
1277 ft.

NYNEX
PAGE PL & GRAND AVE
QUEENS, NY 11378

Site 2 of 3 in cluster N

NY MANIFEST **1009233432**
N/A

Relative:
Higher

Actual:
14 ft.

NY MANIFEST:

Name:	NYNEX
Address:	PAGE PL & GRAND AVE
City,State,Zip:	QUEENS, NY 11378
Country:	USA
EPA ID:	NYP000915223
Facility Status:	Not reported
Location Address 1:	PAGE PL & GRAND AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	QUEENS
Location State:	NY
Location Zip:	11378
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP000915223
Mailing Name:	NYNEX
Mailing Contact:	RAYMOND NIESZ
Mailing Address 1:	1095 AVE OF AMER-RM 3025
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10036
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7186049065

NY MANIFEST:

Document ID:	CTF0204668
Manifest Status:	C
seq:	Not reported
Year:	1994
Trans1 State ID:	P4056WOHI
Trans2 State ID:	Not reported
Generator Ship Date:	06/03/1994
Trans1 Recv Date:	06/03/1994
Trans2 Recv Date:	/ /
TSD Site Recv Date:	06/03/1994
Part A Recv Date:	/ /
Part B Recv Date:	06/15/1994
Generator EPA ID:	NYP000915223
Trans1 EPA ID:	MAD039322250
Trans2 EPA ID:	Not reported
TSDF ID 1:	CTD000604488
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported

NYNEX (Continued) **1009233432**

Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00003
Units:	Y - Cubic yards* (.85 tons)
Number of Containers:	001
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100

N208 **CON EDISON FLUSH** **RCRA NonGen / NLR** **1014397244**
ESE **PAGE PL & GRAND AVE** **FINDS** **NYP004195624**
1/8-1/4 **MASPETH, NY 11378** **ECHO**
0.242 mi.
1277 ft. **Site 3 of 3 in cluster N**

Relative: **Higher**
Actual: **14 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		2017-07-28 00:00:00.0
Handler Name:	CON EDISON FLUSH	
Handler Address:		PAGE PL & GRAND AVE
Handler City,State,Zip:		MASPETH, NY 11378
EPA ID:		NYP004195624
Contact Name:		CAROLINE ISKANDER
Contact Address:		Not reported
Contact City,State,Zip:		Not reported
Contact Telephone:		718-666-4714
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		02
Land Type:		Private
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		NY
State District:		NYSDEC R2
Mailing Address:		4 IRVING PL - ROOM 828
Mailing City,State,Zip:		NEW YORK, NY 10003
Owner Name:		Not reported
Owner Type:		Not reported
Operator Name:		Not reported
Operator Type:		Not reported
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No

CON EDISON FLUSH (Continued) **1014397244**

Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2017-08-09 11:57:41.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Historic Generators:

Receive Date:	2009-09-18 00:00:00.0
Handler Name: CON EDISON FLUSH	
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator

CON EDISON FLUSH (Continued) **1014397244**

State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-07-28 00:00:00.0
Handler Name: CON EDISON FLUSH	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110041641603

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1014397244
Registry ID:	110041641603
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110041641603
Name:	CON EDISON FLUSH
Address:	PAGE PL & GRAND AVE
City,State,Zip:	MASPETH, NY 11378

O209 **THE LERMAN COMPANY, INCORPORATED** **NY UST** **U002034337**
East **58-38 PAGE PLACE** **N/A**
1/8-1/4 **MASPETH, NY 11378**
0.247 mi.
1303 ft. **Site 1 of 2 in cluster O**

Relative:
Higher

Actual:
14 ft.

UST:

Name:	THE LERMAN COMPANY, INCORPORATED
Address:	58-38 PAGE PLACE
City,State,Zip:	MASPETH, NY 11378
Id/Status:	2-602000 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	591375.37144
UTM Y:	4508005.59840
Site Type:	Other Wholesale/Retail Sales

Affiliation Records:

Site Id:	23959
Affiliation Type:	Facility Owner
Company Name:	58-38 PAGE PLACE COMPANY
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	2885 PRESTON LANE
Address2:	Not reported
City:	MERRICK
State:	NY
Zip Code:	11566
Country Code:	001
Phone:	(516) 623-0765
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	23959
Affiliation Type:	Mail Contact
Company Name:	THE LERMAN COMPANY, INCORPORATED
Contact Type:	Not reported
Contact Name:	SIDNEY LERMAN
Address1:	58-38 PAGE PLACE
Address2:	Not reported
City:	MASPETH
State:	NY
Zip Code:	11378
Country Code:	001
Phone:	(718) 821-5900
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	23959
Affiliation Type:	Facility Operator
Company Name:	THE LERMAN COMPANY, INCORPORATED
Contact Type:	Not reported
Contact Name:	SIDNEY LERMAN
Address1:	Not reported

THE LERMAN COMPANY, INCORPORATED (Continued) **U002034337**

Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 821-5900
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	23959
Affiliation Type:	Emergency Contact
Company Name:	58-38 PAGE PLACE COMPANY
Contact Type:	Not reported
Contact Name:	CAROLE LERMAN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(516) 623-0765
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	01
Tank ID:	48697
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	10000
Install Date:	Not reported
Date Tank Closed:	10/01/1994
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
C03 - Pipe Location - Aboveground/Underground Combination
G00 - Tank Secondary Containment - None

THE LERMAN COMPANY, INCORPORATED (Continued) **U002034337**

J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

O210 **MANUSCREENS** **RCRA NonGen / NLR** **1000427581**
East **5838 PAGE PL** **FINDS** **NYD086060530**
1/8-1/4 **MASPETH, NY 11378** **ECHO**
0.247 mi. **NY MANIFEST**
1303 ft. **Site 2 of 2 in cluster O**

Relative: **Higher**
Actual: **14 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		2007-01-01 00:00:00.0
Handler Name:	MANUSCREENS	
Handler Address:		5838 PAGE PL
Handler City,State,Zip:		MASPETH, NY 11378-2235
EPA ID:		NYD086060530
Contact Name:		Not reported
Contact Address:		PAGE PL
Contact City,State,Zip:		MASPETH, NY 11378
Contact Telephone:		Not reported
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		02
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		NY
State District:		NYSDEC R2
Mailing Address:		PAGE PL
Mailing City,State,Zip:		MASPETH, NY 11378
Owner Name:		J JOSEPHSON INC
Owner Type:		Private
Operator Name:		J JOSEPHSON INC
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		NN
Sub-Part K Indicator:		Not reported

MANUSCREENS (Continued) **1000427581**

Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	U002
Waste Description:	2-PROPANONE (I) (OR) ACETONE (I)
Waste Code:	U056
Waste Description:	BENZENE, HEXAHYDRO- (I) (OR) CYCLOHEXANE (I)
Waste Code:	U159
Waste Description:	2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)
Waste Code:	U165
Waste Description:	NAPHTHALENE

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	J JOSEPHSON INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported

MANUSCREENS (Continued) **1000427581**

Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: J JOSEPHSON INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: J JOSEPHSON INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 1999-07-08 00:00:00.0
Handler Name: MANUSCREENS
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2006-01-01 00:00:00.0
Handler Name: MANUSCREENS
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

MANUSCREENS (Continued) **1000427581**

Receive Date:	2007-01-01 00:00:00.0
Handler Name: MANUSCREENS	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1980-12-08 00:00:00.0
Handler Name: MANUSCREENS	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110004373017

Click Here:

Environmental Interest/Information System:
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Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000427581
Registry ID:	110004373017
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004373017

MANUSCREENS (Continued) **1000427581**

Name: MANUSCREENS
Address: 5838 PAGE PL
City,State,Zip: MASPETH, NY 11378

NY MANIFEST:
Name: MANUSCREENS
Address: 5838 PAGE PL
City,State,Zip: MASPETH, NY 11378-2235
Country: USA
EPA ID: NYD086060530
Facility Status: Not reported
Location Address 1: 58-38 PAGE PL
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: MASPETH
Location State: NY
Location Zip: 11378
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYD086060530
Mailing Name: MANUSCREENS
Mailing Contact: SHIRLEY H. MARTIN
Mailing Address 1: 58-38 PAGE PL
Mailing Address 2: Not reported
Mailing City: MASPETH
Mailing State: NY
Mailing Zip: 11378
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124569200

NY MANIFEST:
Document ID: NYO2872206
Manifest Status: C
seq: Not reported
Year: 1984
Trans1 State ID: NY2A074
Trans2 State ID: Not reported
Generator Ship Date: 04/05/1984
Trans1 Recv Date: 04/05/1984
Trans2 Recv Date: / /
TSD Site Recv Date: 04/05/1984
Part A Recv Date: 04/17/1984
Part B Recv Date: 04/23/1984
Generator EPA ID: NYD086060530
Trans1 EPA ID: NYD000824334
Trans2 EPA ID: Not reported
TSDF ID 1: NYD000824334
TSDF ID 2: Not reported
Manifest Tracking Number: Not reported
Import Indicator: Not reported
Export Indicator: Not reported
Discr Quantity Indicator: Not reported
Discr Type Indicator: Not reported
Discr Residue Indicator: Not reported

MANUSCREENS (Continued) **1000427581**

Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	F003 - UNKNOWN
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	01155
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	021
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100

P211 **CCX RAILROAD** **NY LTANKS** **S121988281**
NE **49-15 MASPETH AVE** **N/A**
1/4-1/2 **MASPETH, NY**
0.254 mi.
1339 ft. **Site 1 of 3 in cluster P**

Relative: **Higher**
Actual: **13 ft.**

LTANKS:

Name:	CCX RAILROAD
Address:	49-15 MASPETH AVE
City,State,Zip:	MASPETH, NY
Spill Number/Closed Date:	0009572 / 2006-03-06
Facility ID:	0009572
Site ID:	66893
Spill Date:	2000-11-21
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	JBMCCULL
Referred To:	Not reported
Reported to Dept:	2000-11-21
CID:	205
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	2000-11-21
Spill Record Last Update:	2006-03-06
Spiller Name:	Not reported
Spiller Company:	CCX RAILROAD
Spiller Address:	49-15 MASPETH AVE
Spiller County:	001
Spiller Contact:	CALLER
Spiller Phone:	Not reported

CCX RAILROAD (Continued) **S121988281**

Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 63995
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was ROMMEL 03/07/01 Reassigned from Saccacio to Demeo 4/12/04 TJD Reassigned Demeo >>> Rommel Cross reference PBS facility information 2-032492, original call for spill 0009572 - atank test failure. Tank recently tested 3/8/05, passed. "
Remarks: "TESTED TANK, TANK FAILED."

All Materials:
Site ID: 66893
Operable Unit ID: 830672
Operable Unit: 01
Material ID: 543511
Material Code: 0008
Material Name: diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

P212 **COMMERCIAL** **NY LTANKS** **S121988614**
NE **49-15 MASPETH AV** **N/A**
1/4-1/2 **MASPETH, NY**
0.254 mi.
1339 ft. **Site 2 of 3 in cluster P**

Relative: **Higher**
Actual: **13 ft.**

LTANKS:
Name: COMMERCIAL
Address: 49-15 MASPETH AV
City,State,Zip: MASPETH, NY
Spill Number/Closed Date: 9612083 / 2003-07-28
Facility ID: 9612083
Site ID: 289220
Spill Date: 1995-05-26
Spill Cause: Tank Overfill
Spill Source: Commercial/Industrial
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 4101
Investigator: RWAUSTIN
Referred To: Not reported
Reported to Dept: 1997-01-07
CID: 297
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1997-01-07
Spill Record Last Update: 2003-07-28
Spiller Name: Not reported

COMMERCIAL (Continued) **S121988614**

Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	MARC LEVINN
Spiller Phone:	(516) 826-4707
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	234198
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was AUSTIN 7/28/03 - AUSTIN - SPILL CLOSED AND REFERRED TO SPILL # 9805268, ASSIGNED TO SIGONA - THIS SPILL WAS ORIG. ASSIGNED TO MULQUEEN - END"
Remarks:	"CALLER WORKS FOR THE PROPERTY OWNERS - THEY RECIEVED THE RESULTS OF A PHASE II TEST AND IT WAS POSITIVE FOR CONTAMINATION - POSSIBLE FROM OVERFILLING VEHICLE FUEL TANKS"

All Materials:

Site ID:	289220
Operable Unit ID:	1039959
Operable Unit:	01
Material ID:	340735
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Q213 **DITMAS OIL ASSOCIATES, INC.** **NY LTANKS** **S103827207**
WSW **364 MASPETH AVENUE** **NY CBS** **N/A**
1/4-1/2 **BROOKLYN, NY 11211** **NY MOSF**
0.257 mi. **NY Spills**
1356 ft. **Site 1 of 4 in cluster Q** **NY SPDES**

Relative:
Higher

Actual:
12 ft.

LTANKS:

Name:	IN PARKING LOT
Address:	364 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0514281 / 2006-04-24
Facility ID:	0514281
Site ID:	360969
Spill Date:	2006-03-14
Spill Cause:	Tank Overfill
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	HRPATEL
Referred To:	Not reported
Reported to Dept:	2006-03-14
CID:	444
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False

DITMAS OIL ASSOCIATES, INC. (Continued) **S103827207**

Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2006-03-14
Spill Record Last Update:	2006-04-24
Spiller Name:	JIM CAREY
Spiller Company:	IN PARKING LOT
Spiller Address:	364 MASPETCH AVE
Spiller County:	001
Spiller Contact:	JIM CAREY
Spiller Phone:	(646) 772-5889
Spiller Extention:	CELL
DEC Region:	2
DER Facility ID:	102823
DEC Memo:	"03/14/06-Hiralkumar Patel. Spoke with Jim at Metro Fuel. property has 2000 gal AST. when driver read gauge he found that he could deliver more than 1000 gal. but after delivering 899 gal, tank overfilled and spilled on concrete floor. driver is doing initial cleanup. cleanup crew is already left for site. Jim is also goint to site and will call back once he reach on site regarding concrete condition and cleaning process. the measuring gauge is not working properly. Received call from Jim and as per him, oil spilled on solid concrete without affecting soil or drain/sewer. all cleaned up. as i couldn't find PBS registration, i got owner's information from Jim. Organization Name: US Tow INc. Contact Person: Joe Lopez / Randy Number: (718) 246-5566 FAX: (718) 802-1988 called at US Tow and Ms. Randy told me that they rent this property at 364 Maspeth Ave. she doesn't have any idea about PBS. Left message for Mr. Mike who is owner. Received call from Ms. Randy and as they don't have their tank registered, she was asking for registration forms. Letter sent out requesting tank registration and replacement/repairment of faulty guage. faxed to US Tow Inc. 04/21/06-Hiralkumar Patel. Called at US Tow, but Ms. Randy will be back on Monday Apr. 24. 04/24/06-Hiralkumar Patel. Spoke with Ms. Randy at US Tow and she will mail the registration form soon. as the spill was cleaned on day of incident and no soil/groundwater/sewer/drain affected, case is closed."
Remarks:	"STORAGE TANK OVERFILL AND IN PROCESS OF CLEANING UP"

All Materials:

Site ID:	360969
Operable Unit ID:	1118070
Operable Unit:	01
Material ID:	2108583
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	15.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

CBS:

Name:	DITMAS OIL ASSOCIATES, INC.
Address:	364 MASPETH AVENUE

DITMAS OIL ASSOCIATES, INC. (Continued) **S103827207**

City,State,Zip: BROOKLYN, NY 11211
CBS Number: 2-000328
Program Type: CBS
Facility Status: Unregulated/Closed
Expiration Date: Not reported
Dec Region: 2
UTMX: 590476.38524
UTMY: 4508036.27253

MOSF:
Name: DITMAS OIL ASSOCIATES, INC.
Address: 364 MASPETH AVENUE
City,State,Zip: BROOKLYN, NY 11211
Facility ID: 2-1340
Program Type: MOSF
Tank Status: Unregulated/Closed
Expiration Date: Not reported
Dec Region: 2
UTMX: 590561.18213
UTMY: 4508000.25067

SPILLS:
Name: GASETERIA OIL CORP
Address: 364 MASPETH AVENUE
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 9812647 / 2003-09-19
Facility ID: 9812647
Facility Type: ER
DER Facility ID: 102823
Site ID: 112707
DEC Region: 2
Spill Cause: Equipment Failure
Spill Class: B3
SWIS: 2401
Spill Date: 1999-01-07
Investigator: SIGONA
Referred To: Not reported
Reported to Dept: 1999-01-13
CID: 384
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1999-01-13
Spill Record Last Update: 2003-09-19
Spiller Name: OSCAR PORCELLI
Spiller Company: GASETERIA OIL CORP
Spiller Address: 364 MASPETH AVE
Spiller Company: 001
Contact Name: OSCAR PORCELLI
DEC Memo: ""

DITMAS OIL ASSOCIATES, INC. (Continued) **S103827207**

Remarks: "LEAKED FROM AN UNDERGROUND PIPE. CLEAN UP WILL BE COMPLETED BY CALLER'S COMPANY. SAMPLES WERE TAKEN."

All Materials:

Site ID:	112707
Operable Unit ID:	1069897
Operable Unit:	01
Material ID:	312923
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	DITMAS OIL COMPANY
Address:	364 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9006603 / 2017-02-15
Facility ID:	9006603
Facility Type:	ER
DER Facility ID:	102823
Site ID:	112706
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	A3
SWIS:	2401
Spill Date:	1990-09-15
Investigator:	VXBREVDO
Referred To:	Not reported
Reported to Dept:	1990-09-15
CID:	Not reported
Water Affected:	ENGLISH KILLS
Spill Source:	Major Facility (MOSF) > 400,000 gal
Spill Notifier:	Fire Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1990-10-30
Spill Record Last Update:	2017-02-15
Spiller Name:	OSCAR PORCELLI
Spiller Company:	DITMAS OIL COMPANY
Spiller Address:	364 MASPETH AVE
Spiller Company:	999
Contact Name:	Not reported
DEC Memo:	"02-21-12 - LZ The Fourth Quarter 2011 Status Report prepared by CEUS Engineering, P.C. is in eDocs. 11/30/11 - LZ The Third Quarter 2011 Status Report prepared by CEUS Engineering, P.C. is in eDocs. 9/23/11 - Austin - Spoke with Jim Quinn of DEC/DER in Albany. He indicated that the former BCF waste oil facility located at 360 Maspeth Ave. (next store to this Ditmas/Gaseteria site) had been cleaned suffciently of haz. waste contamination that it was being d-listed as

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a Superfund site. The remaining issue on the site was petroleum contamination (floating product). Gaseteria/Ditmas/Newtown Development LLC have taken title to the BCF property adjoining theirs, and have been exonerated of liability for the SSF cleanup, but were still liable for the oil spill cleanup as the new owners. The BCF project (originally under spill 3 9406807, assigned to Hale in Albany) will be coming back to the Region, and will be assigned along with this spill (9006603) to a Remediation Section (either Brevdo or Hussein) for remediation of both adjoining sites. Quinn will send down information on the discussions with Gaseteria, et. al. regarding their responsibilities in this matter. - end 09/06/11 - LZ Reviewed the Second Quarter 2011 Status Report (eDocs)describing the activities at the site. bioremediation, now temporarily suspended, is scheduled to be retested in the spring 2012. MW-21 that has been destroyed and MW-9R, located nearby, takes over function of MW-21. 07/20/11 - LZ The April 28, 2011 First Quarter Status report (eDocs) quartely report shows that free product appeared in 6 wells; the highest thickness of it was 0.21 foot. The next report is due August 15, 2011. 03/03/11 - LZ The February 14, 2011 RAWP (eDocs) has been approved by DEC letter dated 03/03/11 (eDocs), including quarterly well monitoring and quarterly submission of reports. 11/02/10 - LZ Has reviewed and approves a CEUS Engineering request for a 90-day extension to collect additional data, design a petroleum recovery system, and submit a revised remedial action work plan. The work plan to be submitted by January 31, 2011. In eDocs is the October 29, 2010 Third Quarter 2010 report. 10/12/10 - LZ The July 30, 2010, quarterly report (eDocs) by CEUS Engineering, P.C., proposes installation of recovery wells south of MW-2 where free product still exists. After five wells are installed, vacuum truck extraction will be performed and its results analyze to determine whether to continue weekly vacuuming or to install a recovery system. 04/22/10 - LZ Staff reviewed the March 31, 2010 report(eDocs)prepared by CEUS Engineering, P.C. To improve the effectiveness of bioremediation, CEUS Engineering proposes the complete extraction of free product. Vacuum-enhanced product recovery will be conducted using temporary extraction points in the vicinity of MW-2 until free product is removed, while the bioremediation process is suspended. Bioremediation will resume in the fall of 2010, utilizing monthly bio-applications, and the process will be monitored by sampling performed quarterly. Staff approved the proposed modifications to product recovery and bioremediation operations as well as the proposed schedule of the future activities requiring that vacuum-enhanced product recovery must be conducted at least weekly. 02/12/10 - LZ John Rhodes (phone 646-465-2494), since his comany CEUS took over the project, requested an extension to submit the report by March 31, 2010. Request granted. 10/27/09 - LZ Reviewed the AST quarterly report (eDocs) that covers April - June 2009 activities. Monthly gauging were conducted in 17 onsite and offsite wells. Well MW-2 exhibited free product during every gauging (0.006 -0.07 foot). 09/16/09 - LZ E-mailed Chris Tomasello of AST, LLC requesting a 2nd quarter 2009 report be submitted by September 22th. In addition to previous reports, this report should include the amount of recovered product and all, listed in TAGM 4046, VOCs, SVOCs, and MTBE being analyzed (we spoke about this in April). 05/04/09 - LZ The May 1, 2009, Advanced Site Restoration Quarterly Status Report (eDocs) covers remedial activities from January to April 2009. The monitoring well network was gauged on January 6, February 6, and March 4, 2009,

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and sampled on April 13, 2009. Gauging was performed at MW-2 through MW-6, MW-8, MW-10, MW-16, MW-17, MW-19, and MW-21.The groundwater samples were analyzed for VOCs, including BTEX and MTBE. Total BTEX concentrations ranged from non-detected to 350 ug/l (MW-10). MTBE concentrations ranged from non-detected to 11 ug/l (MW-21). Concentration of BTEX in excess of applicable NYSDEC GWQS were detected in 3 groundwater samples collected during this groundwater sampling event. The next sampling event is scheduled for July, 2009. LNAPL was last detected on March 6, 2009 in MW-2 and was bailed out from this well. 05/04/09 - LZ The October-December 2008 quarterly report (eDocs) prepared by Advanced Site Restoration, indicates that 500 gallons of Bio Rem LLC H-10 were pumped monthly into the sit s bio-irrigation system. Since October 2006, total 53.5 gallons of LNAPL have been removed from the ground. Free product still exists in MW-2 and MW-17. Twelve wells (MW-2 through MW-6, MW-8, MW-10, MW-16, MW-17, and MW-19 through MW-21) were gauged on 10/01/08, 11/03/08, and 12/17/08. On October 1, 2008, monitoring wells MW-3 through MW-6, MW-8, MW-10, MW-16, and MW-19 were sampled: total BTEX concentration range was found from non-detected to 68 ug/l (MW-19); MTBE concentration range was found from non-detected to 9 ug/l(MW-5). 06/16/08 - LZ A report, dated April 2008, prepared by the ASR, provides data concerning remediation efforts and the level of current contamination at the site. From October 2006 to February 2008, 53.5 gallons of LNAPL has been extracted from groundwater. The ASR has applied 30,000 gallons of bio solution-BioREm H-10. Total BTEX has decreased in all monitoring wells, except MW-2. Free product is still in MW-2 and MW-17. 08/08/06 -Zielinski A site visit and a meeting with Mr. Tomasello of ASR. Sent a letter to Mr. Tomasello((see eDocs) requesting installation of three additional wells, reinstallation of MW1, MW11, and W9. 07/18/06 - Zielinski A review of the July 2006 monthly montoring report received from Advanced Site Restoration, LLC,(ASR) indicates that at wells MW-2 and MW-6 concentraction of benzene and total BTEX concentration is relatively high. Results from other seven wells indicate low contamination of groundwater. In August, staff will visit the site. In August, ASR will submit a quarterly report regarding the status of remedation process at the site. 08/18/04 - Zielinski In its letter of August 18, 2004, the department requested that the delineation of petrolum contamination had to be performed by Ditmas Oil Association. In addition, a remedial action plan must be submitted by the facility. These documents have not been received by the department, a review of files on July 5, 2006, shows. 4/21/04 - This project is re-assigned to Zhao from Sigona. Prior to Sept, 2004 data translation this spill Lead_DEC Field was ZHAO This site spill cleanup has been consolidated under Spill No. 9006603. 09/15/90: SPILLER WILL DISPOSE OF SOIL PROPERLY & ASSURE WARNING SYSTEM IS IN PROPER WORKING ORDER, SPILL TO BE REFERRED TO MOSF COORDINATOR. DEC Sigona performed follow-up investigation and discovered groundwater contamination. Site is under a consent order to performed remediation of groundwater and tidal wetlands. 06/29/12 - THIS SPILL CASE HAS BEEN TRANSFERRED TO SECTION B ON 06/29/12 AS DISCUSSED WITH RANDY AUSTIN 07/31/2012 - V. Brevdo Received Second Quarter 2012 Status Report, dated July 20, 2012. Reviewed Report. The Ditmas Oil Terminal (the Site) was an independent petroleum products storage and distribution bulk terminal. The Site was located in an industrial area of Greenpoint, Brooklyn, adjacent to the English Kill, a part of Newtown Creek. The Site received various petroleum products from barges in the adjacent

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waterway and the Buckeye pipeline that ran through the Site. Fuel was stored in above and below ground storage tanks and then pumped into trucks through an underground piping system. Petroleum products stored included gasoline, kerosene, diesel, No. 2 Fuel Oil and Bunker C oil. A major spill in excess of 40,000 gallons of gasoline occurred on January 15, 1975 during the Gulf operation according to DEC and Coast Guard records. Tank Number 7, a 475,000 gallon storage tank, was overfilled causing gasoline to fill the surrounding (permeable) retaining dyke to a depth of eight feet. Gasoline was observed emerging from the sea wall at the English Kill. An estimated 1,000 gallons reached the English Kill where the fire department prevented the deployment of berms due to a fire hazard. Additional dissolved contaminants reached the English Kill as the result of water being added to the retaining dyke in an attempt to reduce the gasoline s flow into the ground. The Site was decommissioned between February 2004 and June 2005. Approximately twenty petroleum storage tanks were removed from service. (A 2000 gallon fuel oil Underground Storage Tank (UST) remained for heating the onsite office building.) Underground contamination was delineated. All tanks and underground piping were drained of their content, demolished and removed from the Site. The Site is now a motor vehicles impound lot operated by the NYC Marshal. Remediation of the Site has progressed since 2004 under the NYSDEC approved Facility Closure and Oil Spill Remedial Action Plan under the Order on Consent. In 2011 and to date in 2012, approximately 25 gallons of relatively well separated product was recovered using skimmers and peristaltic pumps, and 62 gallons of emulsified product and oily water by bailing. Additional amounts were recovered during vacuum truck visits. Planned activities for the fourth quarter of 2012 include the following: Commencement of the bioremediation and induced oil recovery pilot test; Placement of the scavenger with groundwater pump in recovery well R-9; Continued Gauging and Quarterly testing in accordance with the approved Monitoring Plan; Commencement of Performance Monitoring of the bioremediation and oil recovery pilot test. V. Brevdo 11/09/2012 - Brevdo CEUS Engineering, P.C. (CEUS) submitted status Report for the former Ditmas Terminal. The following provides a Status Report in accordance with Consent Order R2?0272?97?12; the NYSDEC approved Facility Closure and Oil Spill Remedial Action Plan 1 October 2004 (RAP); the Remedial Action Work Plan Addendum and Fourth Quarter 2010 Status Report 8 February 2011 (RAWP Addendum); and the NYSDEC approval letters 18 August 2004, 5 November 2004, 22 April 2010, 5 January 2011 and 3 March 2011 for the former Ditmas Oil Terminal at 364 Maspeth Avenue, Brooklyn, NY (the Site). This Status Report has been prepared by CEUS Engineering, P.C. (CEUS) with field and data management assistance from Advanced Site Restoration, LLC (ASR). Product removal will continue using the skimmer with groundwater depression, a standalone skimmer, a peristaltic pump and bailing.V. Brevdo 07/29/2013 - V. Brevdo E-mail from consultant wiht attached 2nd Quarter 2013 monitoring report. Vadim, Attached is the 2nd Quarter Status Report for the former Ditmas Oil Terminal. I will also follow-up with a hard copy and compact disk. Many thanks, John A. Rhodes, P.E., F.NSPE CEUS Engineering, P.C. NJ: 5 Bedford Place, Morristown, 07960 NY: 62 William Street, 3rd Floor, New York, 10005 646 465 2494 10/31/2013 - V. Brevdo E-mails from CEUS Engineering: Vadim, Attached is the 3rd Quarter Status Report for the former Ditmas Terminal, minus the laboratory analytical reports that I will send you in a separate email. I will also send you a hard copy and CD

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by mail. Please confirm receipt. Thanks, John A. Rhodes, P.E. CEUS Engineering, P.C. NJ: 5 Bedford Place, Morristown, NJ 07960 NY: 62 William Street, New York, NY 10005 646 465 2494 JRhodes@CEUSEngineeringPC.com JARhodes1@Verizon.net Vadim, Attached are the laboratory analytical reports to accompany the 3rd Quarter Status Report sent in an earlier email. Thanks, John A. Rhodes, P.E. E-Mail from Brevdo of DEC to John Rhodes of CEUS: Dear Mr. Rhodes: This is to acknowledge receipt of two e-mails with attached status report and lab analytical reports. I will review in the upcoming few days and will get back to you if need be. Contact me if you have questions. Thank you. Vadim Brevdo 11/06/2013 - V. Brevdo Summary of the project status as of 11/06/13. Former Ditmas Oil Terminal, 364 Maspeth Avenue, Brooklyn (Spill No. 9006603) The Ditmas Oil Terminal (the Site) was an independent petroleum products storage and distribution bulk terminal. Remediation of the Site has progressed since 2004. The Site was decommissioned between February 2004 and June 2005. Approximately twenty petroleum storage tanks were removed from service. Underground contamination was delineated. All tanks and underground piping were drained of their content, demolished and removed from the Site. The Site is now a motor vehicles impound lot operated by the NYC Marshal. The Department approved Facility Closure / Oil Spill Remedial Action Plan and Addendum in October 2004 and March 2011 respectively. Initially, approximately 15,000 gallons of product and water were removed from test pits. A bioremediation system was designed and installed in 2005. The system consisted of a series of trenches to allow seepage of a solution to enhance the biological degradation of petroleum contaminants. The March 2011 RAWP addendum required upgraded recovery of product using mechanical oil skimmer. The upgraded system began operation in September 2012. On November 5, 2013, CEUS Engineering, P.C. (CEUS) submitted remediation Status Report for the 3rd quarter of 2013. Planned activities for the 4th quarter of 2013 associated with further implementation of a RAWP Addendum remain similar to those undertaken in 3rd quarter of 2013, and include the following: Continuation of the bioremediation system operation, including the water depression pumping, oil skimming, treatment plant operation; continued evaluation of the effectiveness of the remedial system and its improvements, cleaning of discharge trenches; gauging and quarterly testing; periodic removal of oily water with a vacuum truck. Recoverable product will continue to be removed by peristaltic pump, skimmer or baling, followed by absorbent socks. CEUS advised the Department of their opinion that the Site is affected by migration of contaminants from the upgradient Key Span / National Grid Greenpoint facility (a.k.a. former Equity Manufactured Gas Plant site) which is undergoing remedial investigation via State Superfund program. The Department s oversight of said State Superfund project is conducted by DER s Remedial Bureau C in Central Office, Albany. Region 2 Project Manager for the Former Ditmas Oil Terminal petroleum spill remediation project and Central Office project manager for the Key Span / National Grid Greenpoint State Superfund project discussed future coordination of investigative and remedial work on these adjacent properties. VB 02/10/2014 V. Brevdo - CEUS submitted 4th Quarter 2013 Status Report, dated February 3, 2014. Estimated time frame for completion of the remediation and submission of the Final Engineering Report is early 2015, which is in the Section 5 Estimated Schedule , page 11 of the report. VB 05/02/2014 - V. Brevdo CEUS submitted 1st Quarter 2014 Status Report, dated April 28, 2014. VB 08/06/2014 - V. Brevdo CEUS submitted 2nd quarter 2014

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Status Report, dated August 6, 2014. VB. 11/07/2014 - V. Brevdo CEUS/Advanced Site Restoration submitted 3rd quarter 2014 Status Report, dated November 7, 2014. Request Department's approval of several cleanup technology changes. Department is reviewing the report. VB. 11/10/2014 - V. Brevdo Current Project Status Synopsis: Former Ditmas Oil Terminal, 364 Maspeth Avenue, Brooklyn (Spill No. 9006603) The Ditmas Oil Terminal (the Site) was an independent petroleum products storage and distribution bulk terminal. The Site was decommissioned between February 2004 and June 2005. Remediation of the Site has progressed since 2004 and is implemented under the Order on Consent. Approximately twenty petroleum storage tanks were removed from service. Underground contamination was delineated. All tanks and underground piping were drained of their content, demolished and removed from the Site. The Site is now a motor vehicles impound lot operated by the NYC Marshal. The Department approved Facility Closure / Oil Spill Remedial Action Plan and Addendum in October 2004 and March 2011 respectively. Initially, approximately 15,715 gallons of product and water were removed from test pits. A bioremediation system was designed and installed in 2005. The system consists of a series of trenches to allow seepage of a solution to enhance the biological degradation of petroleum contaminants. The March 2011 RAWP addendum required upgraded recovery of product using mechanical oil skimmer. The upgraded system began operation in September 2012. On November 7, 2014, CEUS Engineering, P.C. / Advanced Site Restoration (CEUS / ASR) submitted remediation status report for the 3rd quarter of 2014. As of the end of the third quarter, 2014, the active oil recovery portion of the bioremediation system (skimmer and water depression pump) has eliminated the presence of product in MW-2 area. However, product continues to be detected in R-10 and MW-22 areas. Therefore, CEUS/ASR petitioned the Department for cessation of the active (by pumping) oil recovery operation in the MW-2 area and moving the pumping equipment to other areas. Absorbent socks will continue to be applied at MW-2 and maintained to capture product should it re-appear. CEUS/ASR also proposed several other modifications to the RAWP: elimination of three destroyed wells from monitoring program; pumping water from MW-22 and evaluating the reason MW-22 is slower than the other wells to improve; and adding biodegradable dye or sodium chloride as means of evaluating concentration changes and flows during pumping. CEUS / ASR plans to accomplish remedial objectives and petition the Department for closure of spill case tentatively in early to mid 2015. RP (Malu Properties) continues cooperation with USEPA Remedial Investigation for the Newtown Creek CERCLA Site. Malu Properties has allowed the USEPA to set up a water sampling station on the property s recently repaired bulkhead. Malu Properties also assisted the USEPA in establishing automated sampling station for storm water in the region. The next groundwater sampling is scheduled for December 2014. On November 10, 2014, the Department issued letter of approval of the 3rd quarter 2014 remediation status report and recommendations contained in the report. VB 05-01-2015 - V. Brevdo Former Ditmas Oil Terminal, 364 Maspeth Avenue, Brooklyn (Spill No. 9006603) On April 30, 2015, CEUS Engineering, P.C. / Advanced Site Restoration (CEUS / ASR) submitted remediation status report for the 1st quarter of 2015. As reported in earlier status reports, the active oil recovery portion of the bioremediation system (skimmer and water depression pump) has eliminated the presence of product in MW-2 area. Absorbent socks continue to be applied and maintained to capture product when

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it re-appear. To date, no product has reappeared in the MW-2 area. However, product continues to be detected in R-10 area. After conducting tidal and product recovery tests, CEUS/ASR decided to implement automatic product recovery in R-10 area to increase recovery rate. Implementation of automated product recovery in R-10 was included in the approved RAWP should absorbent socks be inefficient in removing the product. CEUS/ASR intends to install a belt skimmer in R-10. The next groundwater sampling is scheduled for May 2015. VB 08-25-2015 - V. Brevdo On August 25, 2015, CEUS Engineering, P.C. / Advanced Site Restoration (CEUS / ASR) submitted remediation status report for the second quarter of 2015. As reported in earlier status reports, the active oil recovery portion of the bioremediation system (skimmer and water depression pump) has eliminated the presence of product in MW-2 area. Absorbent socks continue to be applied and maintained to capture product when it re-appear. To date, no product has reappeared in the MW-2 area. However, product continues to be detected in R-10 area. After conducting tidal and product recovery tests, CEUS/ASR decided to implement automatic product recovery in R-10 area to increase recovery rate. Implementation of automated product recovery in R-10 was included in the approved RAWP should absorbent socks be inefficient in removing the product. CEUS/ASR intended to install a belt skimmer in R-10. However, over the second quarter, insufficient product has collected in R-10 area to meet the minimal requirements for removal by a belt skimmer. Therefore, CEUS delayed implementation of product removal by a belt skimmer, and continue using absorbent sock instead. Groundwater was tested on June 8, 2015. The next groundwater sampling is scheduled for September 2015. VB 11-02-2015 - V. Brevdo Former Ditmas Oil Terminal, 364 Maspeth Avenue, Brooklyn (Spill No. 9006603) The Ditmas Oil Terminal (the Site) was an independent petroleum products storage and distribution bulk terminal. The Site was decommissioned between February 2004 and June 2005. Remediation of the Site has progressed since 2004 and is implemented under the Order on Consent. Approximately twenty petroleum storage tanks were removed from service. Underground contamination was delineated. All tanks and underground piping were drained of their content, demolished and removed from the Site. The Site is now a motor vehicles impound lot operated by the NYC Marshal. The Department approved Facility Closure / Oil Spill Remedial Action Plan and Addendum in October 2004 and March 2011 respectively. Initially, approximately 15,715 gallons of product and water were removed from test pits. A bioremediation system was designed and installed in 2005. The system consists of a series of trenches to allow seepage of a solution to enhance the biological degradation of petroleum contaminants. The March 2011 RAWP addendum required upgraded recovery of product using mechanical oil skimmer. The upgraded system began operation in September 2012. On November 2, 2015, CEUS Engineering, P.C. / Advanced Site Restoration (CEUS / ASR) submitted remediation status report for the third quarter of 2015. The Department is reviewed the report which has good news. CEUS / ASR intensified effort at product removal from recovery well R-10, coordinating recovery with the tides, and have not detected product since early August 2015. CEUS / ASR feel that they may be able to declare the Site product free in the upcoming few months. The focused recovery efforts on well MW-22 have also been successful. As extended pumping indicated improving conditions, CEUS / ASR took an unscheduled sample on September 29, 2015 in which benzene was

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detected at low concentrations of 29 microgram per liter (ppb). CEUS / ASR intend to continue focused efforts and sampling and testing to check for rebound. However, if aforementioned improvements continue, then all contaminants in all wells are expected to be below standards / cleanup criteria or trending downward criteria. Therefore, CEUS anticipate being in a position for closure in the spring of 2016. VB 02-02-2016 - V. Brevdo Former Ditmas Oil Terminal, 364 Maspeth Avenue, Brooklyn (NYSDEC Spill No. 9006603) The Ditmas Oil Terminal (the Site) was an independent petroleum products storage and distribution bulk terminal. The Site was decommissioned between February 2004 and June 2005. Remediation of the Site has progressed since 2004 and is implemented under the Order on Consent. Approximately twenty petroleum storage tanks were removed from service. Underground contamination was delineated. All tanks and underground piping were drained of their content, demolished and removed from the Site. The Site is now a motor vehicles impound lot operated by the NYC Marshal. The Department approved Facility Closure / Oil Spill Remedial Action Plan and Addendum in October 2004 and March 2011 respectively. Initially, approximately 15,715 gallons of product and water were removed from test pits. A bioremediation system was designed and installed in 2005. The system consists of a series of trenches to allow seepage of a solution and oxygenated water to enhance the biological degradation of petroleum contaminants. The March 2011 RAWP addendum required upgraded recovery of product using mechanical oil skimmer. The upgraded system began operation in September 2012. On February 1, 2016, CEUS Engineering, P.C. / Advanced Site Restoration (CEUS / ASR) submitted remediation status report for the fourth quarter of 2015. No free product has been encountered in any well other than R-10 since June 2014. CEUS / ASR therefore proposed the cessation of product gauging and recovery in all wells other than R-10. CEUS / ASR will continue to monitor for product in R-10 well and recover product using absorbent socks. CEUS/ ASR concluded that the bioremediation is no longer necessary except to enable the surging of MW-22, an inland well, and the discharge of contaminated water pumped from MW-22. CEUS /ASR proposed to maintain the bioremediation system while they continue to address the conditions at MW-22, and operate the system in conjunction with activities related to MW-22. Planned activities for the next quarter as related to the RAWP Addendum include the following: The bioremediation system will be maintained and operated on an as-needed basis to accommodate continued sampling and/or remedial activities at MW-22; If benzene concentrations remain elevated at MW-22 during upcoming March 2016 sampling event, CEUS /ASR will recommence remedial activities, including pumping and pulsing of the well; Sampling and testing will continue for wells MW-8 and MW-23 for at least two more quarters to confirm a downward trend in benzene concentrations; Frequent monitoring for product in well R-10 will continue and product, if encountered, will be removed using absorbent socks. A scope of reduction in the sampling/monitoring and remedial activities in the next quarter is presented in detail on Page 10 of the January 31, 2016 Status Report. On February 2, 2016, the Department approved Fourth Quarter 2015 Status Report including the course of action and reduction of the scope of sampling/monitoring and remediation activities proposed by CEUS /ASR. CEUS /ASR anticipate to accomplish closure of this spill case in late 2016 or early 2017. VB May 2, 2016 - V. Brevdo Received and e-mail from John A. Rhodes of CEUS Engineering, P.C. and first quarter of 2016

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monitoring report: Vadim, Attached is the 1st Quarter 2016 Status Report for the former Ditmas Terminal. There is not much to report as we were unable to do much over the winter. However, we have put the treatment system back on line and have begun working on MW-22, so we should have more news in the next status report. Benzene in MW-22 and product in R-10 are about the same. Thanks, John John A. Rhodes, P.E., F.NSPE CEUS Engineering, P.C. NJ: 5 Bedford Place, Morristown, NJ 07960 NY: 62 William Street, New York, NY 10005 646 465 2494 JRhodes@CEUSEngineering.com JARhodes1@Verizon.net 08/03/2016 - V. Brevdo On August 1, 2016, CEUS Engineering, P.C. / Advanced Site Restoration (CEUS / ASR) submitted remediation status report for the second quarter of 2016. CEUS / ASR continued gauging and product recovery activities for well R-10. Product recovery was done using the absorbent socks. Planned activities for the next quarter as related to the RAWP Addendum include the following: The bioremediation system will be maintained and operated on an as-needed basis to accommodate continued sampling and/or remedial activities at MW-22; CEUS / ASR will continue the recent successful activities in the MW-22 area to improve rate of contaminant degradation, including sustained and monitored pumping, and surging of the well; CEUS / ASR will continue frequent monitoring for product in R-10, and remove it using absorbent socks should it be encountered. CEUS /ASR anticipate to accomplish closure of this spill case in late 2016 or early 2017. VB 10/28/2016 - V. Brevdo On October 31, 2016, CEUS Engineering, P.C. / Advanced Site Restoration (CEUS / ASR) submitted remediation status report for the third quarter of 2016. CEUS / ASR concluded that the recalcitrant oil observed in well R-10 was the result of seepage from the blocked sewer. Upon removal of the blocked portion of the sewer pipe, the oily sediment and soil in the vicinity of the blocked portion of the pipe, no oil has been detected in R?10. No oil has been detected anywhere on the former Ditmas property and the oil recovery program has been completed. The March, June and September 2016 sampling and testing show benzene concentrations in remaining wells to be below or near 100 ?g/l with the exception of MW?22. Focused activities on MW?22 will continue. CEUS /ASR anticipate to accomplish closure of this spill case in 2017. VB 02/01/2017 - V. Brevdo On February 1, 2017, CEUS Engineering / ASR submitted 4Q 2016 Site Status Report and Spill Case Closure Petition. Upon review of both report and petition, DEC project manager requested ASR to revise report and petition to make a better and more compelling case to support merits of spill case closure petition. VB 02/15/2017 - V. Brevdo Former Ditmas Oil Terminal, 364 Maspeth Avenue, Brooklyn (NYSDEC Spill No. 9006603). Project Summary and Spill Case Closure Decision. The Ditmas Oil Terminal (the Site) was an independent petroleum products storage and distribution bulk terminal. The Site was decommissioned between February 2004 and June 2005. Remediation of the Site has progressed since 2004 and is implemented under the Order on Consent. Approximately twenty petroleum storage tanks were removed from service. Underground contamination was delineated. All tanks and underground piping were drained of their content, demolished and removed from the Site. The Site is now a short term parking area for film production trailers, and other commercial fleet vehicles. Previously, it was a motor vehicles impound lot operated by the NYC Marshal. The Department approved Facility Closure / Oil Spill Remedial Action Plan and Addendum in October 2004 and March 2011 respectively. Initially, approximately 15,715 gallons of product and water were removed from test pits. A bioremediation system was

DITMAS OIL ASSOCIATES, INC. (Continued) **S103827207**

designed and installed in 2005. The system consists of a series of trenches to allow seepage of a solution to enhance the biological degradation of petroleum contaminants. The March 2011 RAWP addendum required upgraded recovery of product using mechanical oil skimmer in Recovery Well R-9 near Monitoring Well MW-2. The upgraded system began operation in September 2012 and completed oil recovery by June 2014. CEUS / ASR therefore proposed the cessation of product gauging and recovery in all wells other than R-10, where oil recovery continued. Additionally, CEUS/ ASR concluded that the bioremediation is no longer necessary except to enable the surging of MW-22 and the discharge of contaminated water pumped from MW-22. CEUS /ASR maintained the bioremediation system while they continue to address the conditions at MW-22, and operate the system in conjunction with activities related to MW-22. On October 31, 2016, CEUS Engineering, P.C. / Advanced Site Restoration (CEUS / ASR) submitted remediation status report for the third quarter of 2016. CEUS / ASR concluded that the recalcitrant oil observed in well R-10 was the result of seepage from the blocked sewer. Upon removal of the blocked portion of the sewer pipe, the oily sediment and soil in the vicinity of the blocked portion of the pipe, no oil has been detected in R?10. As of February, 2017, no oil has been detected anywhere on the former Ditmas property and the oil recovery program has been completed. The March, June and September 2016 sampling and testing show benzene concentrations in remaining wells to be below or near 100 ?g/l with the exception of MW?22. Focused activities on MW?22 continued through December 2016. In the 4th Quarter 2014 Status Report (dated January 31, 2015), a proposal was submitted to undertake tests on MW-22 and a pilot study involving surging to try to increase the rate of contaminant reduction. This proposal was approved by the NYSDEC, and the tests conducted in the spring of 2015 and pilot study begun in September of 2015. Initially, a dye study demonstrated that MW-22 was not being adequately affected by the bioremediation system - oxygenated water was not reaching the area of the well. Aquifer testing evaluated the hydraulic conductivity to be 0.85 gallons per day per foot squared, a substantially lower value than that measured in surrounding areas. With the low hydraulic conductivity and lack of flow to the south toward the bio-remediation trenches and the English Kills, the only sensitive receptor for contaminated groundwater, CEUS/ASR concluded that remaining contaminants were isolated and contained, and not affecting the English Kills. Further, CEUS/ASR concluded that continued surging of the well would have limited effectiveness as the spreading of oxygenated water via the bio-remediation trenches or the recovery of contaminated water would be limited by the low hydraulic conductivity. In turn, CEUS/ASR submitted that the dissolved groundwater concentrations at MW-22 posed no further threat to human health and the environment and have been addressed to the extent feasible. CEUS /ASR proposed closure of this spill case in February, 2017, based on the following criteria: " The Primary Spill Source has been addressed, " Free product has been removed, " Grossly contaminated soil has been addressed to the extent feasible, " The remaining areas of contaminated soil have been addressed to the extent feasible as per CP-51 Soil Cleanup Guidance, " Residual groundwater contaminants either meet standards/cleanup guidance values or are within the range acceptable to the Department, " The nature and extent of groundwater contamination has been delineated, " Dissolved groundwater concentrations have been addressed to the extent feasible, " No migration of contaminants off

DITMAS OIL ASSOCIATES, INC. (Continued) **S103827207**

site is occurring and no threats to sensitive receptors exist, " Remaining contamination is contained, " No threat of exposure to vapors from remaining contamination exists, and, " The Site poses no further threat to human health and the environment for the contemplated use. The Department closed this spill case on February 15, 2017. "

Remarks: "GASOLINE Spill into secondary containment - NYCDEP,USCG,NYCFD ON SCENE, ALARM FAILURE CAUSED PRODUCT TO EXIT THROUGH VENT IN FIRE EXTINGUISHING SYSTEM,APPROX 200 CU YDS OF CONTAMINATED SOIL."

All Materials:

Site ID:	112706
Operable Unit ID:	944116
Operable Unit:	01
Material ID:	434056
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1000.00
Units:	G
Recovered:	.00
Oxygenate:	True

Site ID:	112706
Operable Unit ID:	944116
Operable Unit:	01
Material ID:	572591
Material Code:	1213A
Material Name:	MTBE (methyl-tert-butyl ether)
Case No.:	01634044
Material FA:	Hazardous Material
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	True

Name:	DITMAS OIL COMPANY
Address:	364 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9011585 / 1991-02-05
Facility ID:	9011585
Facility Type:	ER
DER Facility ID:	102823
Site ID:	118306
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	A1
SWIS:	2401
Spill Date:	1991-02-04
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	1991-02-04
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Major Facility (MOSF) > 400,000 gal
Spill Notifier:	Fire Department

DITMAS OIL ASSOCIATES, INC. (Continued) **S103827207**

Cleanup Ceased:	1991-02-05
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1991-02-11
Spill Record Last Update:	2003-09-19
Spiller Name:	ROBERTO PORTCELLI
Spiller Company:	DITMAS OIL COMAPNY'
Spiller Address:	364 MASPETH AVENUE
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	""
Remarks:	"CAROLINA TRUCKING 414 MASPETH COMPLAINED OF GASOLINE ODORS,NYCFD HAZMAT & NYCDEP HAZMAT RESPONDED,OBSERVED AIR RELEASE FROM VENTS OF TANKS #108,109 &110,TOOK READINGS OF 29%LEL 10FT FROM VENTS"

All Materials:

Site ID:	118306
Operable Unit ID:	948604
Operable Unit:	01
Material ID:	428121
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	DITMAS OIL COMPANY
Address:	364 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9208027 / 1992-10-12
Facility ID:	9208027
Facility Type:	ER
DER Facility ID:	102823
Site ID:	118307
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	B1
SWIS:	2401
Spill Date:	1992-10-12
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	1992-10-12
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Major Facility (MOSF) > 400,000 gal
Spill Notifier:	Citizen
Cleanup Ceased:	1992-10-12
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False

DITMAS OIL ASSOCIATES, INC. (Continued) **S103827207**

Remediation Phase:	0
Date Entered In Computer:	1992-10-15
Spill Record Last Update:	2003-09-19
Spiller Name:	ROBERTO PORCELLI
Spiller Company:	DITMAS OIL COMPANY
Spiller Address:	364 MASPETH AVENUE
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	""
Remarks:	"Air complaint."

All Materials:

Site ID:	118307
Operable Unit ID:	974831
Operable Unit:	01
Material ID:	408634
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

SPDES:

Name:	TERMINNALLE
Address:	364 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY 11211
Permit Number:	NY0005789
State-Region:	02
Expiration Date:	01/01/2004
Current Major Minor Status:	Minor
Primary Facility SIC Code:	5171
State Water Body Name:	ENGLISH KILLS
Limit Set Status Flag:	Active
Total Actual Average Flow(MGD):	0.022
Total App Design Flow(MGD):	Not reported
UDF1:	Not reported
Lat/Long:	40.718306 / -73.929583
DMR Cognizant Official:	MANUG AYDIN
UDF2:	001702
UDF3:	SD
FIPS County Code:	NY047

Non-Gov Permit Affiliation Type Desc:	DMR Mailing Address
Non-Gov Permit Org Formal Name:	TERMINNALLE
Non-Gov Permit Street Address:	TERMINNALLE
Non-Gov Permit Supplemental Location:	364 MASPETH AVENUE
Non-Gov Permit City:	BROOKLYN
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	11211
Non-Gov Facility Affiliation Type Desc:	Mailing Address
Non-Gov Facility Org Formal Name:	TERMINNALLE
Non-Gov Facility Street Address:	TERMINNALLE

DITMAS OIL ASSOCIATES, INC. (Continued) **S103827207**

Non-Gov Facility Supplemental Location:	364 MASPETH AVENUE
Non-Gov Facility City:	BROOKLYN
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11211
State Water Body:	02030201010
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

Name:	TERMINNALLE
Address:	364 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY 11211
UDF2:	001702
UDF3:	SD
FIPS County Code:	NY047

Non-Gov Permit Affiliation Type Desc:	DMR Mailing Address
Non-Gov Permit Org Formal Name:	TERMINNALLE
Non-Gov Permit Street Address:	TERMINNALLE
Non-Gov Permit Supplemental Location:	364 MASPETH AVENUE
Non-Gov Permit City:	BROOKLYN
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	11211
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	TERMINNALLE
Non-Gov Facility Street Address:	TERMINNALLE
Non-Gov Facility Supplemental Location:	364 MASPETH AVENUE
Non-Gov Facility City:	BROOKLYN
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11211
State Water Body:	02030201010
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

Name:	TERMINNALLE
Address:	364 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY 11211
UDF2:	001702
UDF3:	SD
FIPS County Code:	NY047

Non-Gov Permit Affiliation Type Desc:	Permittee
Non-Gov Permit Org Formal Name:	TERMINNALLE
Non-Gov Permit Street Address:	364 MASPETH AVENUE
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	BROOKLYN

DITMAS OIL ASSOCIATES, INC. (Continued) **S103827207**

Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	11211
Non-Gov Facility Affiliation Type Desc:	Mailing Address
Non-Gov Facility Org Formal Name:	TERMINNALLE
Non-Gov Facility Street Address:	TERMINNALLE
Non-Gov Facility Supplemental Location:	364 MASPETH AVENUE
Non-Gov Facility City:	BROOKLYN
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11211
State Water Body:	02030201010
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

Name:	TERMINNALLE
Address:	364 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY 11211
UDF2:	001702
UDF3:	SD
FIPS County Code:	NY047

Non-Gov Permit Affiliation Type Desc:	Permittee
Non-Gov Permit Org Formal Name:	TERMINNALLE
Non-Gov Permit Street Address:	364 MASPETH AVENUE
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	BROOKLYN
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	11211
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	TERMINNALLE
Non-Gov Facility Street Address:	TERMINNALLE
Non-Gov Facility Supplemental Location:	364 MASPETH AVENUE
Non-Gov Facility City:	BROOKLYN
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11211
State Water Body:	02030201010
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

Q214 **DITMAS OIL ASSOCIATES, INC.** **NY MOSF UST** **S103275710**
WSW **364 MASPETH AVENUE** **NY AST** **N/A**
1/4-1/2 **BROOKLYN, NY 11211** **NY CBS AST**
0.257 mi. **NY MOSF AST**
1356 ft. **Site 2 of 4 in cluster Q** **NY AIRS**

Relative:
Higher

Actual:
12 ft.

MOSF UST:

Id/Status:	2-1340 / ACTIVE FACILITY
SWIS Code:	61
Facility Town:	NEW YORK CITY
Contact Phone:	(718) 782-4200
Emergency Contact:	ROBERTO PORCELLI
Emergency Telephone:	(718) 782-4200
CBS Number:	Not reported
SPDES Num:	0-005789
Total Tanks:	19
Total Capacity:	3515318
Avg Throughput:	560000
License Stat:	1
Facility Type:	STORAGE TERMINAL/PETROLEUM DISTRIBUTOR
Prod Xfer Options:	AD
Expiration Date:	03/31/2002
Applic Rcvd:	01/05/2001
Operator:	ROBERTO PORCELLI
Owner Name:	MALU PROPERTIES, INC.
Owner Address:	364 MASPETH AVENUE
Owner City,St,Zip:	BROOKLYN, NY 11211-
Owner Telephone:	(718) 782-4200
Owner Type:	Corporate/Commercial
Owner Status:	2
Owner Mark:	Second Owner
Mail To Name:	DITMAS OIL ASSOCIATES, INC.
Mail To Address:	364 MASPETH AVENUE
Mail To Address 2:	Not reported
Mail City,St,Zip:	BROOKLYN, NY 11211-
Mail To Contact:	ROBERTO PORCELLI
Mail To Telephone:	(718) 782-4200
Legal Agent Name:	FRIEDLAND, LEIFFER, ROBBINS, LLP
Legal Agent Address:	233 BROADWAY
Legal Agent City,St,Zip:	NEW YORK, NY 10274-
Date Filed:	Not reported
Latitude:	40|43|05
Longitude:	73|55|40

Tank ID:	001
Tank Location:	UNDERGROUND
Install Date:	01/70
Capacity (Gal):	4000
Product:	DIESEL
Tank Status:	Temporarily Out Of Service
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	13
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	Impressed Current
Second Contain:	Other
Leak Detection:	Other

DITMAS OIL ASSOCIATES, INC. (Continued) **S103275710**

Overfill Protection: 53
Dispenser: Suction
Test Date: 12/98
Date Closed: Not reported
Status of Data: Minor Errors
Inspected Date: 10/26/1998
Inspector Initials: AS
Inspector Status: Not reported
Pipe Flag: True
License Issued: 04/01/2001
Vessel Id: Not reported
Renew Flag: True
Renew Date: 10/31/2001
Federal Id No: Not reported
COI Date: / /

Tank ID: 002
Tank Location: UNDERGROUND
Install Date: 04/76
Capacity (Gal): 2000
Product: NOS 1,2, OR 4 FUEL OIL
Tank Status: Temporarily Out Of Service
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: Painted/Asphalt Coating
Pipe Location: Not reported
Pipe Type: GALVANIZED STEEL
Pipe Internal: None
Pipe External: Impressed Current
Second Contain: Other
Leak Detection: None
Overfill Protection: 53
Dispenser: Suction
Test Date: 12/98
Date Closed: Not reported
Status of Data: Minor Errors
Inspected Date: 10/26/1998
Inspector Initials: AS
Inspector Status: Not reported
Pipe Flag: True
License Issued: 04/01/2001
Vessel Id: Not reported
Renew Flag: True
Renew Date: 10/31/2001
Federal Id No: Not reported
COI Date: / /

Tank ID: 003
Tank Location: UNDERGROUND
Install Date: 04/76
Capacity (Gal): 1080
Product: NOS 1,2, OR 4 FUEL OIL
Tank Status: Temporarily Out Of Service
Tank Type: Steel/carbon steel
Tank Internal: None

DITMAS OIL ASSOCIATES, INC. (Continued) **S103275710**

Tank External:	Painted/Asphalt Coating
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	None
Second Contain:	Other
Leak Detection:	None
Overfill Protection:	None
Dispenser:	Suction
Test Date:	12/98
Date Closed:	Not reported
Status of Data:	Minor Errors
Inspected Date:	10/26/1998
Inspector Initials:	AS
Inspector Status:	Not reported
Pipe Flag:	True
License Issued:	04/01/2001
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	10/31/2001
Federal Id No:	Not reported
COI Date:	/ /

Tank ID:	004
Tank Location:	UNDERGROUND
Install Date:	02/83
Capacity (Gal):	1080
Product:	UNKNOWN
Tank Status:	Temporarily Out Of Service
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	None
Second Contain:	Other
Leak Detection:	None
Overfill Protection:	None
Dispenser:	Gravity
Test Date:	02/99
Date Closed:	Not reported
Status of Data:	Minor Errors
Inspected Date:	10/26/1998
Inspector Initials:	AS
Inspector Status:	Not reported
Pipe Flag:	True
License Issued:	04/01/2001
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	10/31/2001
Federal Id No:	Not reported
COI Date:	/ /

Tank ID: 005

DITMAS OIL ASSOCIATES, INC. (Continued) **S103275710**

Tank Location:	UNDERGROUND
Install Date:	11/68
Capacity (Gal):	1080
Product:	UNKNOWN
Tank Status:	Temporarily Out Of Service
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	None
Second Contain:	Other
Leak Detection:	None
Overfill Protection:	None
Dispenser:	Gravity
Test Date:	12/98
Date Closed:	Not reported
Status of Data:	Minor Errors
Inspected Date:	10/26/1998
Inspector Initials:	AS
Inspector Status:	Not reported
Pipe Flag:	True
License Issued:	04/01/2001
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	10/31/2001
Federal Id No:	Not reported
COI Date:	/ /

Tank ID:	108
Tank Location:	UNDERGROUND
Install Date:	12/65
Capacity (Gal):	244964
Product:	NOS 1,2, OR 4 FUEL OIL
Tank Status:	Temporarily Out Of Service
Tank Type:	Steel/carbon steel
Tank Internal:	Epoxy Liner
Tank External:	Painted/Asphalt Coating
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
Second Contain:	8
Leak Detection:	Groundwater Well
Overfill Protection:	23
Dispenser:	Submersible
Test Date:	08/98
Date Closed:	Not reported
Status of Data:	Complete
Inspected Date:	10/26/1998
Inspector Initials:	AS
Inspector Status:	Not reported
Pipe Flag:	True
License Issued:	04/01/2001
Vessel Id:	Not reported

DITMAS OIL ASSOCIATES, INC. (Continued) **S103275710**

Renew Flag: True
Renew Date: 10/31/2001
Federal Id No: Not reported
COI Date: / /

Tank ID: 109
Tank Location: UNDERGROUND
Install Date: 12/65
Capacity (Gal): 245101
Product: NOS 1,2, OR 4 FUEL OIL
Tank Status: Temporarily Out Of Service
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: Painted/Asphalt Coating
Pipe Location: Aboveground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: Painted/Asphalt Coating
Second Contain: 8
Leak Detection: Groundwater Well
Overfill Protection: 23
Dispenser: Submersible
Test Date: 08/98
Date Closed: Not reported
Status of Data: Complete
Inspected Date: 10/26/1998
Inspector Initials: AS
Inspector Status: Not reported
Pipe Flag: True
License Issued: 04/01/2001
Vessel Id: Not reported
Renew Flag: True
Renew Date: 10/31/2001
Federal Id No: Not reported
COI Date: / /

Tank ID: 110
Tank Location: UNDERGROUND
Install Date: 12/65
Capacity (Gal): 288643
Product: DIESEL
Tank Status: Temporarily Out Of Service
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: Painted/Asphalt Coating
Pipe Location: Aboveground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: Painted/Asphalt Coating
Second Contain: 8
Leak Detection: Groundwater Well
Overfill Protection: 23
Dispenser: Submersible
Test Date: 08/98
Date Closed: Not reported

DITMAS OIL ASSOCIATES, INC. (Continued) **S103275710**

Status of Data: Complete
Inspected Date: 10/26/1998
Inspector Initials: AS
Inspector Status: Not reported
Pipe Flag: True
License Issued: 04/01/2001
Vessel Id: Not reported
Renew Flag: True
Renew Date: 10/31/2001
Federal Id No: Not reported
COI Date: / /

AST:
Name: DITMAS OIL ASSOCIATES, INC.
Address: 364 MASPETH AVENUE
City,State,Zip: BROOKLYN, NY 11211
Region: STATE
DEC Region: 2
Site Status: Unregulated/Closed
Facility Id: 2-000328
Program Type: CBS
UTM X: 590476.38524
UTM Y: 4508036.27253
Expiration Date: N/A
Site Type: Storage Terminal/Petroleum Distributor

Tank Info:

Tank Number: 10
Tank Id: 192184
Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 07/01/1996
Capacity Gallons: 12500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 09/01/2004
Register: True
Modified By: CBSInit
Last Modified: 03/21/2005
Material Name: Not reported

CBS AST:
CBS Number: 2-000328
ICS Number: Not reported
PBS Number: Not reported
MOSF Number: 2-1340
SPDES Number: -
Facility Status: IN SERVICE
Facility Type: B
Telephone: (718) 782-4200
Facility Town: NEW YORK CITY
Region: STATE

DITMAS OIL ASSOCIATES, INC. (Continued) **S103275710**

Expiration Date:	03/23/2003
Total Capacity of All Active Tanks(gal):	12500
Operator:	ROBERTO PORCELLI
Emergency Contact:	ROBERTO PORCELLI
Emergency Phone:	(718) 782-4200
Owner Name:	MALU PROPERTIES, INC.
Owner Address:	364 MASPETH AVENUE
Owner City,St,Zip:	BROOKLYN, NY 11211
Owner Telephone:	(718) 782-4200
Owner Type:	Corporate/Commercial
Owner Sub Type:	Not reported
Mail Name:	DITMAS OIL ASSOCIATION
Mail Contact Addr:	364 MASPETH AVENUE
Mail Contact Addr2:	Not reported
Mail Contact Contact:	MR. ROBERTO PORCELLI
Mail Contact City,St,Zip:	BROOKLYN, NY 11211
Mail Phone:	(718) 782-4200

Tank Id:	10
CAS Number:	1330207
Federal ID:	Not reported
Tank Status:	In Service
Install Date:	07/96
Tank Closed:	Not reported
Capacity (Gal):	12500
Chemical:	Xylene (mixed)
Tank Location:	Indoors, Belowground
Tank Type:	Steel/carbon steel
Total Tanks:	1
Tank Secret:	False
Tank Secondary Containment:	Vault
Tank Error Status:	No Missing Data
Date Entered:	01/21/1997
Certified Date:	01/24/2001
Substance:	More than one Hazardous Substance on DEC List
Internal Protection:	Epoxy Liner
External Protection:	Painted/Asphalt Coating
Pipe Location:	Aboveground
Pipe Type:	Steel/Iron
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
Pipe Flag:	Painted/Asphalt Coating
Leak Detection:	None
Overfill Protection:	24
Haz Percent:	52
Last Test:	Not reported
Due Date:	Not reported
SWIS Code:	6101
Lat/Long:	40|43|05 / 73|55|40
Is Updated:	False
Renew Date:	Not reported
Is It There:	False
Delinquent:	False
Date Expired:	Not reported
Owner Mark:	2
Certificate Needs to be Printed:	40|43|05 / 73|55|40
Fiscal Amt for Registration Fee Correct:	40|43|05 / 73|55|40

DITMAS OIL ASSOCIATES, INC. (Continued) **S103275710**

Renewal Has Been Printed for Facility: 40|43|05 / 73|55|40
Pre-Printed Renewal App Last Printed: 40|43|05 / 73|55|40

MOSF AST:

MOSF Number:	2-1340
SWIS Code:	61
Facility Town:	NEW YORK CITY
Facility Phone:	(718) 782-4200
Emergency Contact Name:	ROBERTO PORCELLI
Emergency Contact Phone:	(718) 782-4200
Total Tanks:	19
Total Capacity:	3515318
Daily Throughput:	560000
License Status:	1
Facility Type:	STORAGE TERMINAL/PETROLEUM DISTRIBUTOR
Product Transfer Operation:	AD
Facility Status:	IN SERVICE
Operator Name:	ROBERTO PORCELLI
Owner Name:	MALU PROPERTIES, INC.
Owner Address:	364 MASPETH AVENUE
Owner City,St,Zip:	BROOKLYN, NY 11211-
Owner Phone:	(718) 782-4200
Owner Type:	Corporate/Commercial
Owner Status:	2
Owner Mark:	Second Owner
Mailing Name:	DITMAS OIL ASSOCIATES, INC.
Mailing Address:	364 MASPETH AVENUE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11211-
Mailing Contact:	ROBERTO PORCELLI
Mailing Phone:	(718) 782-4200
Legal Agent Name:	FRIEDLAND, LEIFFER, ROBBINS, LLP
Legal Agent Address:	233 BROADWAY
Legal Agent City,St,Zip:	NEW YORK, NY 10274-
LIC Expires:	03/31/2002

Tank ID:	10
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Install Date:	07/96
Product:	UNKNOWN
Tank Type:	Steel/carbon steel
Tank Internal:	Epoxy Liner
Tank External:	CATHODIC PROTECTION
Pipe Location:	Aboveground
Pipe Type:	Steel/Iron
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
Secondary Containment:	Concrete Dike
Leak Detection:	Groundwater Well
Overfill Protection:	High Level Alarm
Dispensing Mthd:	Suction
Test Date:	07/96
Date Closed:	Not reported
Status of Data:	Complete
Capacity (gal):	14500
Lat/Long:	40|43|05 / 73|55|40
Federal ID:	Not reported

DITMAS OIL ASSOCIATES, INC. (Continued) **S103275710**

Inspected Date: 10/26/1998
Inspector: AS
Renew Date: 10/31/2001
Inspected State: Not reported
Pipe Flag: True
Vessel ID: Not reported
Reserve Flag: True
Tank Status: Temporarily Out-of-Service
COI Date: / /
Date License Issued: 04/01/2001
Date License Application Received: 01/05/2001
Chemical Bulk Storage Number: Not reported
Pollution Discharge Elimination System Num: 0-005789
Date Legal Agent Filed with Secretary of State: Not reported

Tank ID: 010
Tank Location: ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Install Date: 07/96
Product: UNKNOWN
Tank Type: Steel/carbon steel
Tank Internal: Epoxy Liner
Tank External: CATHODIC PROTECTION
Pipe Location: Not reported
Pipe Type: Steel/Iron
Pipe Internal: None
Pipe External: Painted/Asphalt Coating
Secondary Containment: Concrete Dike
Leak Detection: Groundwater Well
Overfill Protection: High Level Alarm
Dispensing Mthd: Suction
Test Date: 07/96
Date Closed: 12/00
Status of Data: Minor Errors
Capacity (gal): 14500
Lat/Long: 40|43|05 / 73|55|40
Federal ID: Not reported
Inspected Date: 10/26/1998
Inspector: AS
Renew Date: 10/31/2001
Inspected State: Not reported
Pipe Flag: True
Vessel ID: Not reported
Reserve Flag: True
Tank Status: Temporarily Out-of-Service
COI Date: / /
Date License Issued: 04/01/2001
Date License Application Received: 01/05/2001
Chemical Bulk Storage Number: Not reported
Pollution Discharge Elimination System Num: 0-005789
Date Legal Agent Filed with Secretary of State: Not reported

Tank ID: 101
Tank Location: ABOVEGROUND
Install Date: 12/65
Product: DIESEL

DITMAS OIL ASSOCIATES, INC. (Continued) **S103275710**

Tank Type:	Steel/carbon steel
Tank Internal:	Epoxy Liner
Tank External:	CATHODIC PROTECTION
Pipe Location:	Aboveground
Pipe Type:	Steel/Iron
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
Secondary Containment:	Concrete Dike
Leak Detection:	35
Overfill Protection:	23
Dispensing Mthd:	Suction
Test Date:	11/00
Date Closed:	Not reported
Status of Data:	Complete
Capacity (gal):	97812
Lat/Long:	40|43|05 / 73|55|40
Federal ID:	Not reported
Inspected Date:	10/26/1998
Inspector:	AS
Renew Date:	10/31/2001
Inspected State:	Not reported
Pipe Flag:	True
Vessel ID:	Not reported
Reserve Flag:	True
Tank Status:	Temporarily Out-of-Service
COI Date:	/ /
Date License Issued:	04/01/2001
Date License Application Received:	01/05/2001
Chemical Bulk Storage Number:	Not reported
Pollution Discharge Elimination System Num:	0-005789
Date Legal Agent Filed with Secretary of State:	Not reported

Tank ID:	102
Tank Location:	ABOVEGROUND
Install Date:	12/65
Product:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Epoxy Liner
Tank External:	CATHODIC PROTECTION
Pipe Location:	Aboveground
Pipe Type:	Steel/Iron
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
Secondary Containment:	Concrete Dike
Leak Detection:	35
Overfill Protection:	23
Dispensing Mthd:	Suction
Test Date:	11/00
Date Closed:	Not reported
Status of Data:	Complete
Capacity (gal):	97812
Lat/Long:	40|43|05 / 73|55|40
Federal ID:	Not reported
Inspected Date:	10/26/1998
Inspector:	AS
Renew Date:	10/31/2001

DITMAS OIL ASSOCIATES, INC. (Continued) **S103275710**

Inspected State: Not reported
Pipe Flag: True
Vessel ID: Not reported
Reserve Flag: True
Tank Status: Temporarily Out-of-Service
COI Date: / /
Date License Issued: 04/01/2001
Date License Application Received: 01/05/2001
Chemical Bulk Storage Number: Not reported
Pollution Discharge Elimination System Num: 0-005789
Date Legal Agent Filed with Secretary of State: Not reported

Tank ID: 103
Tank Location: ABOVEGROUND
Install Date: 12/65
Product: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: CATHODIC PROTECTION
Pipe Location: Aboveground
Pipe Type: Steel/Iron
Pipe Internal: None
Pipe External: Painted/Asphalt Coating
Secondary Containment: Concrete Dike
Leak Detection: 35
Overfill Protection: 23
Dispensing Mthd: Suction
Test Date: 10/97
Date Closed: Not reported
Status of Data: Complete
Capacity (gal): 88379
Lat/Long: 40|43|05 / 73|55|40
Federal ID: Not reported
Inspected Date: 10/26/1998
Inspector: AS
Renew Date: 10/31/2001
Inspected State: Not reported
Pipe Flag: True
Vessel ID: Not reported
Reserve Flag: True
Tank Status: Temporarily Out-of-Service
COI Date: / /
Date License Issued: 04/01/2001
Date License Application Received: 01/05/2001
Chemical Bulk Storage Number: Not reported
Pollution Discharge Elimination System Num: 0-005789
Date Legal Agent Filed with Secretary of State: Not reported

Tank ID: 104
Tank Location: ABOVEGROUND
Install Date: 12/65
Product: DIESEL
Tank Type: Steel/carbon steel
Tank Internal: Fiberglass Liner (FRP
Tank External: CATHODIC PROTECTION

DITMAS OIL ASSOCIATES, INC. (Continued) **S103275710**

Pipe Location:	Aboveground
Pipe Type:	Steel/Iron
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
Secondary Containment:	Concrete Dike
Leak Detection:	Groundwater Well
Overfill Protection:	23
Dispensing Mthd:	Suction
Test Date:	11/97
Date Closed:	Not reported
Status of Data:	Complete
Capacity (gal):	177968
Lat/Long:	40|43|05 / 73|55|40
Federal ID:	Not reported
Inspected Date:	10/26/1998
Inspector:	AS
Renew Date:	10/31/2001
Inspected State:	Not reported
Pipe Flag:	True
Vessel ID:	Not reported
Reserve Flag:	True
Tank Status:	Temporarily Out-of-Service
COI Date:	/ /
Date License Issued:	04/01/2001
Date License Application Received:	01/05/2001
Chemical Bulk Storage Number:	Not reported
Pollution Discharge Elimination System Num:	0-005789
Date Legal Agent Filed with Secretary of State:	Not reported

Tank ID:	105
Tank Location:	ABOVEGROUND
Install Date:	12/65
Product:	DIESEL
Tank Type:	Steel/carbon steel
Tank Internal:	Epoxy Liner
Tank External:	CATHODIC PROTECTION
Pipe Location:	Aboveground
Pipe Type:	Steel/Iron
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
Secondary Containment:	Concrete Dike
Leak Detection:	35
Overfill Protection:	23
Dispensing Mthd:	Suction
Test Date:	11/00
Date Closed:	Not reported
Status of Data:	Complete
Capacity (gal):	194819
Lat/Long:	40|43|05 / 73|55|40
Federal ID:	Not reported
Inspected Date:	10/26/1998
Inspector:	AS
Renew Date:	10/31/2001
Inspected State:	Not reported
Pipe Flag:	True
Vessel ID:	Not reported

DITMAS OIL ASSOCIATES, INC. (Continued) **S103275710**

Reserve Flag:	True
Tank Status:	Temporarily Out-of-Service
COI Date:	/ /
Date License Issued:	04/01/2001
Date License Application Received:	01/05/2001
Chemical Bulk Storage Number:	Not reported
Pollution Discharge Elimination System Num:	0-005789
Date Legal Agent Filed with Secretary of State:	Not reported

Tank ID:	106
Tank Location:	ABOVEGROUND
Install Date:	12/66
Product:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	CATHODIC PROTECTION/PAINTED [e.g. asphaltic]
Pipe Location:	Aboveground
Pipe Type:	Steel/Iron
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
Secondary Containment:	Concrete Dike
Leak Detection:	93
Overfill Protection:	23
Dispensing Mthd:	Suction
Test Date:	Not reported
Date Closed:	00/00
Status of Data:	Complete
Capacity (gal):	98994
Lat/Long:	40|43|05 / 73|55|40
Federal ID:	Not reported
Inspected Date:	10/26/1998
Inspector:	AS
Renew Date:	10/31/2001
Inspected State:	Not reported
Pipe Flag:	True
Vessel ID:	Not reported
Reserve Flag:	True
Tank Status:	Temporarily Out-of-Service
COI Date:	/ /
Date License Issued:	04/01/2001
Date License Application Received:	01/05/2001
Chemical Bulk Storage Number:	Not reported
Pollution Discharge Elimination System Num:	0-005789
Date Legal Agent Filed with Secretary of State:	Not reported

Tank ID:	107
Tank Location:	ABOVEGROUND
Install Date:	12/69
Product:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	CATHODIC PROTECTION
Pipe Location:	Aboveground
Pipe Type:	Steel/Iron
Pipe Internal:	None

DITMAS OIL ASSOCIATES, INC. (Continued) **S103275710**

Pipe External:	Painted/Asphalt Coating
Secondary Containment:	78
Leak Detection:	Groundwater Well
Overfill Protection:	23
Dispensing Mthd:	Suction
Test Date:	08/92
Date Closed:	Not reported
Status of Data:	Complete
Capacity (gal):	448609
Lat/Long:	40|43|05 / 73|55|40
Federal ID:	Not reported
Inspected Date:	10/26/1998
Inspector:	AS
Renew Date:	10/31/2001
Inspected State:	Not reported
Pipe Flag:	True
Vessel ID:	Not reported
Reserve Flag:	True
Tank Status:	Temporarily Out-of-Service
COI Date:	/ /
Date License Issued:	04/01/2001
Date License Application Received:	01/05/2001
Chemical Bulk Storage Number:	Not reported
Pollution Discharge Elimination System Num:	0-005789
Date Legal Agent Filed with Secretary of State:	Not reported

Tank ID:	111
Tank Location:	ABOVEGROUND
Install Date:	12/69
Product:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	CATHODIC PROTECTION
Pipe Location:	Aboveground
Pipe Type:	Steel/Iron
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
Secondary Containment:	78
Leak Detection:	Groundwater Well
Overfill Protection:	23
Dispensing Mthd:	Suction
Test Date:	11/97
Date Closed:	Not reported
Status of Data:	Complete
Capacity (gal):	452503
Lat/Long:	40|43|05 / 73|55|40
Federal ID:	Not reported
Inspected Date:	10/26/1998
Inspector:	AS
Renew Date:	10/31/2001
Inspected State:	Not reported
Pipe Flag:	True
Vessel ID:	Not reported
Reserve Flag:	True
Tank Status:	Temporarily Out-of-Service
COI Date:	/ /

DITMAS OIL ASSOCIATES, INC. (Continued) **S103275710**

Date License Issued:	04/01/2001
Date License Application Received:	01/05/2001
Chemical Bulk Storage Number:	Not reported
Pollution Discharge Elimination System Num:	0-005789
Date Legal Agent Filed with Secretary of State:	Not reported

Click this hyperlink while viewing on your computer to access
3 additional NY_AST_MOS: record(s) in the EDR Site Report.

AIRS:

Name:	DITMAS TERMINAL - 364 MASPETH AVENUE
Address:	364 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY
DECID:	2610100163
Process ID:	010EI
Latitude:	Not reported
Longitude:	Not reported
FIPS Code:	36047
Auth Type Code:	Not reported
Permit Status:	Not reported
Auth Status Code:	Not reported
Emissions:	0.00566579
Issue date:	Not reported
Expired Date:	Not reported
Emission Unit date:	U00103
Contamination:	PM25-PRI
EPA Control Code:	Not reported
Control Eff:	Not reported
Unit:	TON
Permit Status:	Not reported
Auth Status Code:	Not reported
Emissions:	0.08804
Issue date:	Not reported
Expired Date:	Not reported
Emission Unit date:	U00103
Contamination:	SO2
EPA Control Code:	Not reported
Control Eff:	Not reported
Unit:	TON
Permit Status:	Not reported
Auth Status Code:	Not reported
Emissions:	0.00736999
Issue date:	Not reported
Expired Date:	Not reported
Emission Unit date:	U00103
Contamination:	PM10-PRI
EPA Control Code:	Not reported
Control Eff:	Not reported
Unit:	TON
Permit Status:	Not reported
Auth Status Code:	Not reported
Emissions:	0.0031
Issue date:	Not reported

DITMAS OIL ASSOCIATES, INC. (Continued) **S103275710**

Expired Date:	Not reported
Emission Unit date:	U00103
Contamination:	7440473
EPA Control Code:	Not reported
Control Eff:	Not reported
Unit:	LB
Permit Status:	Not reported
Auth Status Code:	Not reported
Emissions:	0.0001
Issue date:	Not reported
Expired Date:	Not reported
Emission Unit date:	U00103
Contamination:	7439965
EPA Control Code:	Not reported
Control Eff:	Not reported
Unit:	LB
Permit Status:	Not reported
Auth Status Code:	Not reported
Emissions:	0.0076
Issue date:	Not reported
Expired Date:	Not reported
Emission Unit date:	U00103
Contamination:	7439921
EPA Control Code:	Not reported
Control Eff:	Not reported
Unit:	LB
Permit Status:	Not reported
Auth Status Code:	Not reported
Emissions:	13.125
Issue date:	Not reported
Expired Date:	Not reported
Emission Unit date:	EI0001
Contamination:	VOC
EPA Control Code:	Not reported
Control Eff:	Not reported
Unit:	TON
Permit Status:	Not reported
Auth Status Code:	Not reported
Emissions:	7.1903652
Issue date:	Not reported
Expired Date:	Not reported
Emission Unit date:	1TANKS
Contamination:	VOC
EPA Control Code:	Not reported
Control Eff:	Not reported
Unit:	TON
Permit Status:	Not reported
Auth Status Code:	Not reported
Emissions:	4.44000005
Issue date:	Not reported
Expired Date:	Not reported
Emission Unit date:	1TANKS

DITMAS OIL ASSOCIATES, INC. (Continued) **S103275710**

Contamination:	1330207
EPA Control Code:	Not reported
Control Eff:	Not reported
Unit:	LB
Permit Status:	Not reported
Auth Status Code:	Not reported
Emissions:	10.9300003
Issue date:	Not reported
Expired Date:	Not reported
Emission Unit date:	1TANKS
Contamination:	108883
EPA Control Code:	Not reported
Control Eff:	Not reported
Unit:	LB
Permit Status:	Not reported
Auth Status Code:	Not reported
Emissions:	3350
Issue date:	Not reported
Expired Date:	Not reported
Emission Unit date:	1RACKS
Contamination:	1634044
EPA Control Code:	Not reported
Control Eff:	Not reported
Unit:	LB

Click this hyperlink while viewing on your computer to access
24 additional NY AIRS: record(s) in the EDR Site Report.

P215 **CLOSED-LACKOF RECENT INFO** **NY LTANKS** **S100145819**
ENE **1 RAILROAD PLACE** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
0.271 mi.
1430 ft. **Site 3 of 3 in cluster P**

Relative:
Higher

Actual:
13 ft.

LTANKS:

Name:	CLOSED-LACKOF RECENT INFO
Address:	1 RAILROAD PLACE
City,State,Zip:	NEW YORK CITY, NY
Spill Number/Closed Date:	8910221 / 2003-03-04
Facility ID:	8910221
Site ID:	228223
Spill Date:	1990-01-24
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	A3
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	ADMIN. CLOSED
Referred To:	Not reported
Reported to Dept:	1990-01-24
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False

CLOSED-LACKOF RECENT INFO (Continued) **S100145819**

UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1990-01-26
Spill Record Last Update:	2003-03-04
Spiller Name:	Not reported
Spiller Company:	INTERSTATE EXPRESS
Spiller Address:	1 RAILROAD PLACE
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	188261
DEC Memo:	""
Remarks:	"15K TANK FAILED PETRO TITE, UNABLE TO HOLD PRODUCT , WILL EXCAVATE, ISOLATE & RETEST, PRODUCT BELOW FILL LINE. CLOSED DUE TO LACK OF ANY RECENT INFO - DOES NOT MEET ANY CLEANUP REQUIREMENTS."

All TTF:

Facility ID:	8910221
Spill Number:	8910221
Spill Tank Test:	1536721
Site ID:	228223
Tank Number:	Not reported
Tank Size:	0
Material:	0008
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	228223
Operable Unit ID:	935302
Operable Unit:	01
Material ID:	443337
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	L
Recovered:	.00
Oxygenate:	Not reported

R216
NNE
1/4-1/2
0.274 mi.
1446 ft.

FILIBERTO RECYCLING;INC.
57-48 49 STREET
MASPETH, NY 11378

Site 1 of 4 in cluster R

NY SWRCY **S105842302**
N/A

Relative:
Lower

Actual:
8 ft.

SWRCY:

Name:	FILIBERTO RECYCLING;INC.
Address:	57-48 49 STREET
City,State,Zip:	MASPETH, NY 11378
Region:	2
Facility Address 2:	Not reported
Phone Number:	7184565000
Owner Type:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	RUDOLPH FILIBERTO
Contact Address:	Not reported
Contact Address 2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	RHRF - registration
Activity Number:	[41M59]
Active:	No
East Coordinate:	591200
North Coordinate:	4508900
Accuracy Code:	Not reported
Regulatory Status:	Permit
Permit #:	2-6304-00234
Auth. Date:	5/28/1991
Expiration Date:	5/28/1996
Waste Types:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Last Date:	Not reported

217
SSW
1/4-1/2
0.278 mi.
1467 ft.

WASTE MANAGEMENT OF NY (232 GARDNER)
232 GARDNER AVENUE
BROOKLYN, NY 11237

NY SWF/LF **S105841929**
NY Spills **N/A**

Relative:
Higher

Actual:
10 ft.

SWF/LF:

Name:	WASTE MANAGEMENT OF NY (232 GARDNER)
Address:	232 GARDNER AVENUE
City,State,Zip:	BROOKLYN, NY 11237
Flag:	INACTIVE
Region Code:	2
Phone Number:	7185335308
Owner Name:	Waste management of NY
Owner Type:	Private
Owner Address:	123 Varick Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11237
Owner Email:	Not reported

WASTE MANAGEMENT OF NY (232 GARDNER) (Continued) **S105841929**

Owner Phone:	Not reported
Contact Name:	Tara Hemmer
Contact Address:	123 Varick Avenue
Contact Addr2:	Not reported
Contact City,St,Zip:	Brooklyn, NY 11237
Contact Email:	Not reported
Contact Phone:	7185335308
Activity Desc:	C&D processing - permit
Activity Number:	[24W98]
Active:	No
East Coordinate:	590800
North Coordinate:	4507700
Accuracy Code:	2.1 - NYSDEC 100 m grid collection
Regulatory Status:	Permit
Waste Type:	Wood (Clean)
Authorization #:	2-6101-00113
Authorization Date:	3/10/1997
Expiration Date:	3/10/2002
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

SPILLS:

Name:	232 GARDNER AVE
Address:	232 GARDNER AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9705376 / 1997-08-04
Facility ID:	9705376
Facility Type:	ER
DER Facility ID:	105306
Site ID:	121322
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	2401
Spill Date:	1997-08-04
Investigator:	TOMASELLO
Referred To:	Not reported
Reported to Dept:	1997-08-04
CID:	281
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Fire Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1997-08-04
Spill Record Last Update:	2003-02-24
Spiller Name:	UNKNOWN
Spiller Company:	Not reported
Spiller Address:	232 GARDNER AVE
Spiller Company:	001
Contact Name:	MIKE CONNOLLY
DEC Memo:	""

WASTE MANAGEMENT OF NY (232 GARDNER) (Continued) **S105841929**

Remarks: "MALFUNCTIONING OIL BURNER. CREW ON SCENE AND CLEAN UP IS IN PROGRESS."

All Materials:

Site ID:	121322
Operable Unit ID:	1051373
Operable Unit:	01
Material ID:	334594
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	50.00
Units:	G
Recovered:	50.00
Oxygenate:	Not reported

R218 **GALASSO TRUCKING; INC.** **NY SWF/LF** **S103037929**
NNE **2 GALASSO PLACE** **NY LTANKS** **N/A**
1/4-1/2 **MASPETH, NY 11378** **NY SWRCY**
0.281 mi. **NY Spills**
1484 ft. **Site 2 of 4 in cluster R**

Relative:
Higher

Actual:
9 ft.

SWF/LF:

Name:	GALASSO TRUCKING; INC.
Address:	2 GALASSO PLACE
City,State,Zip:	MASPETH, NY 11378
Flag:	INACTIVE
Region Code:	2
Phone Number:	7184561800
Owner Name:	Frank Galasso
Owner Type:	Not reported
Owner Address:	2 Galasso Place
Owner Addr2:	Not reported
Owner City,St,Zip:	Maspeth, NY 11378
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	Not reported
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	Other
Activity Number:	[41Z24]
Active:	No
East Coordinate:	591200
North Coordinate:	4508663
Accuracy Code:	4.3 - Utilization of Digital Orthophoto Quads
Regulatory Status:	Registration
Waste Type:	Not reported
Authorization #:	Not reported
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

GALASSO TRUCKING; INC. (Continued) **S103037929**

LTANKS:

Name:	1 RAILROAD PL AKA
Address:	2 GALASSO PLACE
City,State,Zip:	MASPETH, NY
Spill Number/Closed Date:	9713776 / 2004-04-08
Facility ID:	9713776
Site ID:	297935
Spill Date:	1996-12-01
Spill Cause:	Tank Failure
Spill Source:	Non Major Facility > 1,100 gal
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	1998-03-12
CID:	270
Water Affected:	Not reported
Spill Notifier:	Affected Persons
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1998-03-12
Spill Record Last Update:	2004-04-26
Spiller Name:	FRANK GALASSO
Spiller Company:	GALISSO TRUCKING
Spiller Address:	2 GALASSO PL
Spiller County:	001
Spiller Contact:	FRANK GALISSO
Spiller Phone:	(718) 456-1800
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	241041
DEC Memo:	""
Remarks:	"Potential of several thousands of gallons leaked/contaminates found in ground water"

All Materials:

Site ID:	297935
Operable Unit ID:	1059725
Operable Unit:	01
Material ID:	566555
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

SWRCY:

Name:	GALASSO TRUCKING; INC.
Address:	2 GALASSO PLACE

GALASSO TRUCKING; INC. (Continued) **S103037929**

City,State,Zip:	MASPETH, NY 11378
Region:	2
Facility Address 2:	Not reported
Phone Number:	7184561800
Owner Type:	Not reported
Owner Name:	Frank Galasso
Owner Address:	2 Galasso Place
Owner Address 2:	Not reported
Owner City,St,Zip:	Maspeth, NY 11378
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	Not reported
Contact Address:	Not reported
Contact Address 2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	RHRF - registration
Activity Number:	[41M24]
Active:	No
East Coordinate:	591200
North Coordinate:	4508663
Accuracy Code:	4.3 - Utilization of Digital Orthophoto Quads
Regulatory Status:	Registration
Permit #:	Not reported
Auth. Date:	Not reported
Expiration Date:	Not reported
Waste Types:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Last Date:	Not reported

SPILLS:

Name:	2 GALASSO PLACE
Address:	2 GALASSO PLACE
City,State,Zip:	MASPETH, NY
Spill Number/Closed Date:	9911008 / 1999-12-17
Facility ID:	9911008
Facility Type:	ER
DER Facility ID:	241041
Site ID:	297936
DEC Region:	2
Spill Cause:	Deliberate
Spill Class:	C3
SWIS:	4101
Spill Date:	1999-12-16
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	1999-12-16
CID:	371
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False

GALASSO TRUCKING; INC. (Continued) **S103037929**

UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1999-12-16
Spill Record Last Update:	2003-03-19
Spiller Name:	Not reported
Spiller Company:	NEW STYLE CARTING
Spiller Address:	3 RAILROAD PL (49TH LN)
Spiller Company:	001
Contact Name:	PHILLIP
DEC Memo:	""
Remarks:	"CALLER'S PROPERTY ABUTTS SPILLER'S PROPERTY. THEY ARE BURYING DRUMS OF UNKNOWN MATERIAL AND ALSO CONTAMINATED SOIL BEHIND THEIR BLDG AND PARTLY ON CALLER'S PROPERTY(WITHOUT HIS PERMISSION) -- POSS GROUNDWATER CONTAMINATION AND WATER FLOWING INTO NEW TOWN CREEK. PLEASE CONTACT CALLER ASAP. "

All Materials:

Site ID:	297936
Operable Unit ID:	1089694
Operable Unit:	01
Material ID:	296482
Material Code:	0064A
Material Name:	unknown material
Case No.:	Not reported
Material FA:	Other
Quantity:	110.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

R219 **MASPETH PROJECT** **NY ERP** **S105589986**
NNE **57-15 49TH STREET** **N/A**
1/4-1/2 **NEW YORK CITY, NY 11378**
0.295 mi.
1555 ft. **Site 3 of 4 in cluster R**

Relative:
Higher

Actual:
10 ft.

ERP:

Name:	MASPETH PROJECT
Address:	57-15 49TH STREET
City,State,Zip:	NEW YORK CITY, NY 11378-
Site Code:	57276
Program:	ERP
HW Code:	B00152
Site Class:	N
Class N:	N
SWIS:	4101
Region:	2
Town:	New York City
Acres:	2.800
Record Added:	10/30/2003
Record Updated:	01/14/2011
Updated By:	MOBARRIE
Site Description:	"The Maspeth Railroad Place site is located in an industrialized area of Queens County, New York. The site is approximately 3-acres in size, and can be found at 57-15 49th Street. The main site features include a fenced lot which constitutes the majority of the site. There are no perminent structures on the lot. The headwaters of

MASPETH PROJECT (Continued) **S105589986**

Maspeth Creek are located approximately 100 hundred feet from the site. The site is currently vacant. The site is surrounded by industrial/commercial properties on all sides. The site has had several industrial/commercial uses over the years, with the most recent having been as a bus maintenance facility. A former chemicals blending operation was located immediately adjacent to the site, and there was some concern that wastes from that operation could have contaminated the site. A Remedial Investigation was completed, and an alternatives analysis was submitted in draft form, though it was never finalized. In the spring and summer of 2008, the City of New York performed an Interim Remedial Measure by removing a 20,000 gallon storage tank which was found during the site investigation. Over 100 yards of contaminated soil was removed at this time as well. In December of 2010, the NYSDEC and NYC mutually terminated the State Assistance Contract for the site and this project was closed. Future work at the property is to be conducted under the Spills program."

Env Problem: "The primary contaminants of concern at the site are petroleum related compounds. Preliminary data indicated the possible presence of a common plasticizer (bis-2-ethylhexyl pthalate) at elevated levels in groundwater and soils, however, more recent data indicated much lower levels than previously reported. Localized soil and groundwater contamination has been identified. Groundwater was found above standards for petroleum compounds."

Health Problem: Not reported

R220 **WALLACE PACKAGING CORP** **NY LTANKS** **S106703197**
NNE **57-01 49TH ST** **N/A**
1/4-1/2 **MASPETH, NY**
0.297 mi.
1567 ft. **Site 4 of 4 in cluster R**

Relative: **Higher**
Actual: **9 ft.**

LTANKS:

Name:	SPILL NUMBER 8710202
Address:	57-01 49TH ST
City,State,Zip:	MASPETH, NY
Spill Number/Closed Date:	8710202 / 2003-09-03
Facility ID:	8710202
Site ID:	255185
Spill Date:	1988-03-05
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	RWAUSTIN
Referred To:	Not reported
Reported to Dept:	1988-03-05
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1988-03-18
Spill Record Last Update:	2004-04-21
Spiller Name:	Not reported

WALLACE PACKAGING CORP (Continued) **S106703197**

Spiller Company:	MARYLU, LLP
Spiller Address:	57-01 49TH ST
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	209012
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was AUSTIN 9/03/03 - AUSTIN - REC'D REQUEST TO CLOSE OUT SPILL REPORT IN 1/03, CITING THAT PROPERTY IN QUESTION WAS ACTUALLY TWO ADDRESSES, AND THE CONTAMINATION WAS ACTUALLY AT 57-09 49 PL. THIS CONTAMINATION WAS ADDRESSED UNDER SPILL #8904556. THEREFORE, SPILL # 8710202 WILL BE CLOSED IN THE DATABASE, BASED UPON THIS INFO. PBS REGIS. UPDATED ON 2/13/03 TO REFLEST CURRENT STATUS OF SITE. THIS SPIL WAS PREVIOUSLY ADMINISTRATIVELY CLOSED ON 3/4/03 BY STAFF, DUE TO LACK OF INFO. OPEN SPILL ORIG. ASSIGNED TO BATTISTA. SEE HARD COPY FILE IN ARCHIVE - END "
Remarks:	"(2) 5K TANKS WERE TESTED, 1ST FAILED WITH A LEAK RATE OF -0.114GPH, 2ND TANK FAILED WITH A LEAK RATE OF -0.167GPH, RECOMMENDING TO UNCOVERAND RETEST.CLOSED DUE TO LACK OF ANY RECENT INFO- DOES NOT MEET ANY CLEAN UP REQUIREMENTS."

All TTF:

Facility ID:	8710202
Spill Number:	8710202
Spill Tank Test:	1533386
Site ID:	255185
Tank Number:	Not reported
Tank Size:	0
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	255185
Operable Unit ID:	915138
Operable Unit:	01
Material ID:	461979
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	L
Recovered:	.00
Oxygenate:	Not reported

WALLACE PACKAGING CORP (Continued) **S106703197**

Name:	WALLACE PACKAGING CORP
Address:	57-01 49TH ST
City,State,Zip:	MASPETH, NY
Spill Number/Closed Date:	8904556 / 1991-03-25
Facility ID:	8904556
Site ID:	255186
Spill Date:	1989-08-07
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Not reported
Cleanup Ceased:	1991-03-25
SWIS:	4101
Investigator:	O'DOWD
Referred To:	Not reported
Reported to Dept:	1989-08-08
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1989-09-01
Spill Record Last Update:	2004-03-29
Spiller Name:	Not reported
Spiller Company:	MID-COUNTY MECHANICAL
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	209012
DEC Memo:	""
Remarks:	"5K TK FAILED HORNER-EZY. L R = -0.088 GPH. WILL DISCUSS OPTIONS. NO ACTION AT THIS TIME."

All TTF:

Facility ID:	8904556
Spill Number:	8904556
Spill Tank Test:	1535808
Site ID:	255186
Tank Number:	Not reported
Tank Size:	0
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

WALLACE PACKAGING CORP (Continued) **S106703197**

All Materials:

Site ID:	255186
Operable Unit ID:	929812
Operable Unit:	01
Material ID:	448601
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	L
Recovered:	.00
Oxygenate:	Not reported

221
SSW
1/4-1/2
0.298 mi.
1576 ft.

WASTE MANAGEMENT OF NY; INC. (REG **NY SWF/LF** **S105841926**
1301 METROPOLITAN AVENUE **N/A**
BROOKLYN, NY 11237

Relative:
Higher

Actual:
10 ft.

SWF/LF:

Name:	WASTE MANAGEMENT OF NY; INC. (REG
Address:	1301 METROPOLITAN AVENUE
City,State,Zip:	BROOKLYN, NY 11237
Flag:	INACTIVE
Region Code:	2
Phone Number:	7185335308
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	TARA HEMMER
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	C&D processing - registration
Activity Number:	[24WD4]
Active:	No
East Coordinate:	590841
North Coordinate:	4507554
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Waste Type:	Not reported
Authorization #:	Not reported
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

222
ENE
1/4-1/2
0.301 mi.
1588 ft.

49-40 MASPETH AVE/PRESTON
49-40 MASPETH AVE/PRESTON
MASPETH, NY

NY LTANKS **S100153863**
N/A

Relative:
Higher

Actual:
14 ft.

LTANKS:

Name:	49-40 MASPETH AVE/PRESTON
Address:	49-40 MASPETH AVE/PRESTON
City,State,Zip:	MASPETH, NY
Spill Number/Closed Date:	9104393 / 1991-08-02
Facility ID:	9104393
Site ID:	239473
Spill Date:	1991-07-23
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	1991-08-02
SWIS:	4101
Investigator:	RWAUSTIN
Referred To:	Not reported
Reported to Dept:	1991-07-24
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1991-07-26
Spill Record Last Update:	1992-11-19
Spiller Name:	Not reported
Spiller Company:	51 S CORTLAND REALTY
Spiller Address:	11 WEST ST
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	196957
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was AUSTIN 08/02/91: SOIL PROCESSED WITH RECYCLING TECHNOLOGY'S ASPHALT BATCHING PROCESS GRAVE SAMPLES TAKEN AND ANALYSED FOR TPH W/BTEX HNU MONITORING BY CARICH CONSULTANTS. "
Remarks:	"PULLED 8 550'S; FOUND 20 CUBIC YDS OF CONTAMINATED SOIL. HIRED CA RICHCONTRACTORS-CONTACT: 516-674-3889. WILL HIRE ANOTHER CONTRACTOR FOR CLEANUP. AUSTIN WITNESSED SOIL/ASPHALT BATCHING 8/2/91"

All Materials:

Site ID:	239473
Operable Unit ID:	955173
Operable Unit:	01
Material ID:	423463
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	Not reported

49-40 MASPETH AVE/PRESTON (Continued) **S100153863**

Recovered: .00
Oxygenate: Not reported

Q223 **TANKS-A-LOT COMPANY** **NY HSWDS** **S108146424**
WSW **362 MASPETH AVENUE** **N/A**
1/4-1/2 **BROOKLYN, NY 11211**
0.303 mi.
1600 ft. **Site 3 of 4 in cluster Q**

Relative:
Higher

Actual:
12 ft.

HSWDS:

Facility ID:	Not reported
Region:	2
Facility Status:	Unknown
Owner Type:	Puplic
Owner:	David Calleia
Owner Address:	362 Maspeth Ave.
Owner Phone:	(212)647-0700
Operator Type:	Same
Operator:	Unknown
Operator:	Unknown
Operator Phone:	Unknown
EPA ID:	NYD000010024
Registry:	Not on NYS Registry of Inactive Haz Waste Disposal Sites
Registry Site ID:	None
RCRA Permitted:	Unknown
Site Code:	Leaking tanks, drums, lagoons, other containers
Owner City State:	Brooklyn
Operator City State:	Not reported
Quadrange:	Unknown
Latitude:	Unknown
Longitude:	Unknown
Acres:	0.00
Operator Date:	Unknown
Close Date:	Unknown
Completed:	Unknown
Active:	Not reported
PCB's Disposed:	No
Pesticides Disposed:	No
Metals Disposed:	No
Asbestos Disposed:	No
Volatile Organic Compounds Disposed:	No
Semi Volatile Organic Compounds Disposed:	No
Analytical Info Exists for Air:	Not reported
Analytical Info Exists for Ground:	None
Analytical Info Exists for Surface:	Not reported
Analytical Info Exists for Sediments:	Not reported
Analytical Info Exists for Surface:	Not reported
Analytical Info Exists for Substance:	Not reported
Analytical Info Exists for Waste:	Not reported
Analytical Info Exists for Leachate:	Not reported
Analytical Info Exists for EP Toxicity:	Not reported
Analytical Info Exists for TCLP:	Not reported
Threat to Environment/Public Health:	None
Surface Water Contamination:	Unknown
Surface Water Body Class:	Unknown
Groundwater Contamination:	Unknown
Groundwater Classification:	Unknown

TANKS-A-LOT COMPANY (Continued) **S108146424**

Drinking Water Contamination:	Unknown
Drinking Water Supply is Active:	Unknown
Any Known Fish or Wildlife:	Unknown
Hazardous Exposure:	Unknown
Site Has Controlled Acess:	Unknown
Ambient Air Contamination:	Unknown
Direct Contact:	Unknown
EPA Hazardous Ranking System Score:	Unknown
Inventory:	F
Nefrap:	Not reported
Mailing:	Not reported
Tax Map No:	Not reported
Qualify:	0
Next Action:	Not reported
Agencies:	Not reported
Air:	Not reported
Building:	Not reported
Site Desc:	Not reported
Drink:	Not reported
Eptox:	Not reported
Fish:	Not reported
Ground:	Not reported
Ground Desc:	Not reported
Hazardous Threat:	Not reported
Haz Threat Desc:	Not reported
Leachate:	Not reported
Preparer:	Not reported
Sediment:	Not reported
Soil:	Not reported
Surface:	Not reported
Status:	Not reported
Surface Soil:	Not reported
Surface:	Not reported
TCLP:	Not reported
Waste:	Not reported

Q224 **TANKS-A-LOT CO** **SEMS-ARCHIVE** **1003863743**
WSW **362 MASPETH AVE** **NYD980509228**
1/4-1/2 **BROOKLYN, NY 11211**
0.303 mi.
1600 ft. **Site 4 of 4 in cluster Q**

Relative:
Higher

Actual:
12 ft.

SEMS Archive:

Site ID:	0201827
EPA ID:	NYD980509228
Name:	TANKS-A-LOT CO
Address:	362 MASPETH AVE
Address 2:	Not reported
City,State,Zip:	BROOKLYN, NY 11211
Cong District:	12
FIPS Code:	36047
FF:	N
NPL:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region:	02
Site ID:	0201827

TANKS-A-LOT CO (Continued) **1003863743**

EPA ID: NYD980509228
Site Name: TANKS-A-LOT CO
NPL: N
FF: N
OU: 00
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1980-07-01 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 02
Site ID: 0201827
EPA ID: NYD980509228
Site Name: TANKS-A-LOT CO
NPL: N
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: Not reported
Finish Date: 1980-07-01 04:00:00
Qual: L
Current Action Lead: EPA Perf

Region: 02
Site ID: 0201827
EPA ID: NYD980509228
Site Name: TANKS-A-LOT CO
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1980-04-01 05:00:00
Finish Date: 1980-04-01 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 02
Site ID: 0201827
EPA ID: NYD980509228
Site Name: TANKS-A-LOT CO
NPL: N
FF: N
OU: 00
Action Code: SI
Action Name: SI
SEQ: 1
Start Date: 1980-07-01 04:00:00
Finish Date: 1980-07-01 04:00:00
Qual: N
Current Action Lead: EPA Perf

225
SW
1/4-1/2
0.303 mi.
1601 ft.

1213 GRAND STREET
1213 GRAND STREET
BROOKLYN, NY

NY LTANKS **S103479685**
NY Spills **N/A**

Relative:
Lower

Actual:
7 ft.

LTANKS:

Name:	UB DISTRIBUTORS
Address:	1213 GRAND STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9807882 / 2002-05-15
Facility ID:	9807882
Site ID:	290514
Spill Date:	1998-09-28
Spill Cause:	Tank Overfill
Spill Source:	Commercial/Industrial
Spill Class:	B2
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	1998-09-28
CID:	211
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1998-09-28
Spill Record Last Update:	2002-05-15
Spiller Name:	STEVE BRAUN
Spiller Company:	UB DISTRIBUTORS
Spiller Address:	1213 GRAND ST
Spiller County:	001
Spiller Contact:	STEVE BRAUN
Spiller Phone:	(718) 444-3400
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	86699
DEC Memo:	""
Remarks:	"during tank closure caller found soil contamination by top of tank cause appears to be overfill"

All Materials:

Site ID:	290514
Operable Unit ID:	1065455
Operable Unit:	01
Material ID:	315423
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported
Site ID:	290514

1213 GRAND STREET (Continued) **S103479685**

Operable Unit ID: 1065455
Operable Unit: 01
Material ID: 315422
Material Code: 0008
Material Name: diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

SPILLS:
Name: 1213 GRAND STREET
Address: 1213 GRAND STREET
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 9512436 / 2002-05-15
Facility ID: 9512436
Facility Type: ER
DER Facility ID: 86699
Site ID: 97266
DEC Region: 2
Spill Cause: Other
Spill Class: B3
SWIS: 2401
Spill Date: 1995-01-04
Investigator: SIGONA
Referred To: Not reported
Reported to Dept: 1996-01-05
CID: 216
Water Affected: Not reported
Spill Source: Gasoline Station or other PBS Facility
Spill Notifier: Local Agency
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1996-01-05
Spill Record Last Update: 2002-05-15
Spiller Name: ROMEO SANTOS
Spiller Company: GING TRUCK LEASEING CORP
Spiller Address: 1213 GRAND STREET
Spiller Company: 001
Contact Name: JOE DEMARCO
DEC Memo: ""
Remarks: "CALLER TOOK SOIL SAMPLES FOUND SOME CONTAMINATION AT ABOVE BUSSINESS AND THE SAMPLES ARE BEING SENT OUT FOR TESTING "

All Materials:
Site ID: 97266
Operable Unit ID: 1026657
Operable Unit: 01
Material ID: 356180
Material Code: 0009

1213 GRAND STREET (Continued) **S103479685**

Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	UNION BEER FACILITY
Address:	1213 GRAND ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	1207649 / 2012-12-27
Facility ID:	1207649
Facility Type:	ER
DER Facility ID:	424999
Site ID:	470708
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	B3
SWIS:	2401
Spill Date:	2012-10-30
Investigator:	vszhune
Referred To:	Not reported
Reported to Dept:	2012-10-30
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2012-10-30
Spill Record Last Update:	2013-04-26
Spiller Name:	MICHAEL SEMMINELLO
Spiller Company:	UNION BEER FACILITY
Spiller Address:	1213 GRAND ST
Spiller Company:	999
Contact Name:	MICHAEL SEMMINELLO
DEC Memo:	"Location is English Kills section of Newtown Creek . Sangesland spoke to Tracy at spill center for owner. She said the canal overflowed into the basement, knocked over drums of oil, oil floated on top of canal water and spilled back into the canal. Facility has no power. No cleanup happening yet. 10/30/12- Zhune responded to this site and spoke to Tim 347-351-1166. He brougt me to the truck mechanic shop but I could not get inside becouse he had no keys to open the door. I saw oil (black oil) outside the shop and a heavy rainbow sheen in the water (Gowanus canal). Tim said tomorrow the Environmental Company is going to do the clean up. 10/31/12-Zhune spoke to tracy. She said Environmental Products and Service are going to clean tha spill. She said call J. Bradshw 518-470-0010 and find out if they are going to do the the clean up. Zhune called J. Bradshw at 2:00 PM. he said we are going to the site now. 12/27/12-Trace Murphy from Spill Canter Inc. emailed the spill cloure letter

1213 GRAND STREET (Continued) **S103479685**

provided by Environmental Products & Services of Vermont Inc. dated December 21, 2012. On October 31, 2012, Environmental Products and Servises of Vermont Inc. was contacted to respond to a motor oil release of aproximately 400 gallons located at Transervice Logistics. The motor oil was located in drums within the building. The canal adjacent to the property fooded and caused the drums to spill. The motor oil then covered the duck floor and parking lot outside of the building. The area impacted by the oil was absorbed with speedi-dry, sweep it up, and placed into drums for disposal. the parking lot and interior floor was pressure washed. a total of 4 drums of oil soaked debris were generated snd 2 drums of liquid for disposal. The drums were removed from site and trasnported to Environmental Products & Service of Vermont Inc. in the Port of Albany, New York recycling Disposal. Spill Closed. "

Remarks: "Storm related: water came into basement of facility tipping over 55 gal drums with motor oil & used oil. Cleanup is pending."

All Materials:

Site ID:	470708
Operable Unit ID:	1220568
Operable Unit:	01
Material ID:	2219184
Material Code:	0015
Material Name:	motor oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	400.00
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

S226 **BCF OIL REFINING, INC** **NY SWF/LF** **1001754932**
WSW **360 MASPETH AVENUE** **NY LTANKS** **N/A**
1/4-1/2 **BROOKLYN, NY 11211** **NY MOSF UST**
0.307 mi. **NY MOSF**
1621 ft. **Site 1 of 5 in cluster S** **NY MOSF AST**
NY Spills
Relative: Higher **NY SPDES**

Actual: 12 ft.

SWF/LF:

Name:	BCF OIL REFINING INC.
Address:	360 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY 11211
Flag:	INACTIVE
Region Code:	2
Phone Number:	7183879710
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	SALVATORE CORTESE
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported

BCF OIL REFINING, INC (Continued) **1001754932**

Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	Waste oil storage; reprocessing or rerefining facility
Activity Number:	[24O59]
Active:	No
East Coordinate:	Not reported
North Coordinate:	Not reported
Accuracy Code:	1 - No accuracy stated
Regulatory Status:	None
Waste Type:	Not reported
Authorization #:	2-6101-00075
Authorization Date:	8/21/1992
Expiration Date:	8/21/1995
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

LTANKS:

Name:	BCF OIL REFINING
Address:	360 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9112627 / 2003-09-02
Facility ID:	9112627
Site ID:	211456
Spill Date:	1992-03-11
Spill Cause:	Tank Failure
Spill Source:	Major Facility (MOSF) > 400,000 gal
Spill Class:	A1
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	1992-03-11
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1992-03-11
Spill Record Last Update:	2003-09-02
Spiller Name:	SAL CORTESE
Spiller Company:	BCF OIL REFINNING, INC.
Spiller Address:	360 MASPETH AVENUE
Spiller County:	001
Spiller Contact:	SAL CORTESE
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	74202
DEC Memo:	""
Remarks:	"MOSF # 02-2600; PRODUCT DISCOVERED IN MONITORING WELL # 1"

All Materials:

Site ID:	211456

BCF OIL REFINING, INC (Continued) **1001754932**

Operable Unit ID:	966221
Operable Unit:	01
Material ID:	414191
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	True

Site ID:	211456
Operable Unit ID:	966221
Operable Unit:	01
Material ID:	572806
Material Code:	1213A
Material Name:	MTBE (methyl-tert-butyl ether)
Case No.:	01634044
Material FA:	Hazardous Material
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	True

Site ID:	211456
Operable Unit ID:	966221
Operable Unit:	01
Material ID:	414192
Material Code:	0022
Material Name:	waste oil/used oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	True

Name:	BCF REFINING
Address:	360 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9008251 / 2003-09-02
Facility ID:	9008251
Site ID:	80010
Spill Date:	1990-09-25
Spill Cause:	Tank Failure
Spill Source:	Major Facility (MOSF) > 400,000 gal
Spill Class:	A1
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	1990-10-26
CID:	Not reported
Water Affected:	ENGLISH KILLS
Spill Notifier:	Federal Government

BCF OIL REFINING, INC (Continued) **1001754932**

Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1990-11-05
Spill Record Last Update:	2003-09-02
Spiller Name:	Not reported
Spiller Company:	BCF OIL REFINING
Spiller Address:	360 MASPETH AVENUE
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	74202
DEC Memo:	""
Remarks:	"SLICK OF OIL APPROX 8FT X 2FT FOUND ON SHORELINE ADJACENT TO PROPERTY,GROUND SATURATED WITH OIL, DEPLOYED BOOM, NYCDEP AT SCENE."

All Materials:

Site ID:	80010
Operable Unit ID:	945466
Operable Unit:	01
Material ID:	562071
Material Code:	0022
Material Name:	waste oil/used oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

MOSF UST:

Id/Status:	2-2600 / INACTIVE FACILITY
SWIS Code:	61
Facility Town:	Not reported
Contact Phone:	(718) 387-9710
Emergency Contact:	SALVATORE CORTESE
Emergency Telephone:	(718) 387-9710
CBS Number:	Not reported
SPDES Num:	0-036609
Total Tanks:	19
Total Capacity:	780574
Avg Throughput:	20000
License Stat:	3
Facility Type:	APARTMENT BUILDING
Prod Xfer Options:	Tank Truck
Expiration Date:	/ /
Applic Rcvd:	02/09/1995
Operator:	SALVATORE CORTESE
Owner Name:	BCF OIL REFINING, INC
Owner Address:	360 MASPETH AVENUE
Owner City,St,Zip:	BROOKLYN, NY 11211-
Owner Telephone:	(718) 387-9710

BCF OIL REFINING, INC (Continued) **1001754932**

Owner Type:	Corporate/Commercial
Owner Status:	1
Owner Mark:	First Owner
Mail To Name:	BCF OIL REFINING, INC
Mail To Address:	360 MASPETH AVENUE
Mail To Address 2:	Not reported
Mail City,St,Zip:	BROOKLYN, NY 11211-
Mail To Contact:	SALVATORE CORTESE
Mail To Telephone:	(718) 387-9710
Legal Agent Name:	GILBERT WALLACH, ESQ.
Legal Agent Address:	50 BROADWAY-25 FLOOR
Legal Agent City,St,Zip:	NEW YORK, NY 10004-
Date Filed:	00/86
Latitude:	40|43|40
Longitude:	73|54|52

Tank ID:	01
Tank Location:	UNDERGROUND
Install Date:	04/82
Capacity (Gal):	20000
Product:	UNKNOWN
Tank Status:	In Service
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Aboveground/Underground Combination
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Wrapped (Piping)
Second Contain:	Diking
Leak Detection:	None
Overfill Protection:	High Level Alarm
Dispenser:	Suction
Test Date:	05/93
Date Closed:	Not reported
Status of Data:	Complete
Inspected Date:	07/09/1999
Inspector Initials:	AS
Inspector Status:	Not reported
Pipe Flag:	True
License Issued:	/ /
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	11/03/1995
Federal Id No:	Not reported
COI Date:	/ /

Tank ID:	02
Tank Location:	UNDERGROUND
Install Date:	04/82
Capacity (Gal):	20000
Product:	UNKNOWN
Tank Status:	In Service
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating

BCF OIL REFINING, INC (Continued) **1001754932**

Pipe Location:	Aboveground/Underground Combination
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Wrapped (Piping)
Second Contain:	Diking
Leak Detection:	None
Overfill Protection:	High Level Alarm
Dispenser:	Suction
Test Date:	05/93
Date Closed:	Not reported
Status of Data:	Complete
Inspected Date:	07/09/1999
Inspector Initials:	AS
Inspector Status:	Not reported
Pipe Flag:	True
License Issued:	/ /
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	11/03/1995
Federal Id No:	Not reported
COI Date:	/ /

Tank ID:	03
Tank Location:	UNDERGROUND
Install Date:	04/82
Capacity (Gal):	20000
Product:	UNKNOWN
Tank Status:	In Service
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Aboveground/Underground Combination
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Wrapped (Piping)
Second Contain:	Diking
Leak Detection:	None
Overfill Protection:	High Level Alarm
Dispenser:	Suction
Test Date:	06/94
Date Closed:	Not reported
Status of Data:	Complete
Inspected Date:	07/09/1999
Inspector Initials:	AS
Inspector Status:	Not reported
Pipe Flag:	True
License Issued:	/ /
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	11/03/1995
Federal Id No:	Not reported
COI Date:	/ /

Tank ID:	04
Tank Location:	UNDERGROUND

BCF OIL REFINING, INC (Continued) **1001754932**

Install Date:	04/82
Capacity (Gal):	20000
Product:	UNKNOWN
Tank Status:	In Service
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Aboveground/Underground Combination
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Wrapped (Piping)
Second Contain:	Diking
Leak Detection:	None
Overfill Protection:	High Level Alarm
Dispenser:	Suction
Test Date:	Not reported
Date Closed:	Not reported
Status of Data:	Complete
Inspected Date:	07/09/1999
Inspector Initials:	AS
Inspector Status:	Not reported
Pipe Flag:	True
License Issued:	/ /
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	11/03/1995
Federal Id No:	Not reported
COI Date:	/ /

Tank ID:	05
Tank Location:	UNDERGROUND
Install Date:	04/82
Capacity (Gal):	20000
Product:	UNKNOWN
Tank Status:	In Service
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Aboveground/Underground Combination
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Wrapped (Piping)
Second Contain:	Diking
Leak Detection:	None
Overfill Protection:	High Level Alarm
Dispenser:	Suction
Test Date:	05/93
Date Closed:	Not reported
Status of Data:	Complete
Inspected Date:	07/09/1999
Inspector Initials:	AS
Inspector Status:	Not reported
Pipe Flag:	True
License Issued:	/ /
Vessel Id:	Not reported
Renew Flag:	True

BCF OIL REFINING, INC (Continued) **1001754932**

Renew Date: 11/03/1995
Federal Id No: Not reported
COI Date: / /

Tank ID: 06
Tank Location: UNDERGROUND
Install Date: 04/82
Capacity (Gal): 20000
Product: UNKNOWN
Tank Status: In Service
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: Painted/Asphalt Coating
Pipe Location: Aboveground/Underground Combination
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: Wrapped (Piping)
Second Contain: Diking
Leak Detection: None
Overfill Protection: High Level Alarm
Dispenser: Suction
Test Date: Not reported
Date Closed: Not reported
Status of Data: Complete
Inspected Date: 07/09/1999
Inspector Initials: AS
Inspector Status: Not reported
Pipe Flag: True
License Issued: / /
Vessel Id: Not reported
Renew Flag: True
Renew Date: 11/03/1995
Federal Id No: Not reported
COI Date: / /

Tank ID: 07
Tank Location: UNDERGROUND
Install Date: 04/82
Capacity (Gal): 20000
Product: UNKNOWN
Tank Status: In Service
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: Painted/Asphalt Coating
Pipe Location: Aboveground/Underground Combination
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: Wrapped (Piping)
Second Contain: Diking
Leak Detection: None
Overfill Protection: High Level Alarm
Dispenser: Suction
Test Date: 06/94
Date Closed: Not reported
Status of Data: Complete

BCF OIL REFINING, INC (Continued) **1001754932**

Inspected Date: 07/09/1999
Inspector Initials: AS
Inspector Status: Not reported
Pipe Flag: True
License Issued: / /
Vessel Id: Not reported
Renew Flag: True
Renew Date: 11/03/1995
Federal Id No: Not reported
COI Date: / /

Tank ID: 08
Tank Location: UNDERGROUND
Install Date: 04/82
Capacity (Gal): 20000
Product: UNKNOWN
Tank Status: In Service
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: Painted/Asphalt Coating
Pipe Location: Aboveground/Underground Combination
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: Wrapped (Piping)
Second Contain: Diking
Leak Detection: None
Overfill Protection: High Level Alarm
Dispenser: Suction
Test Date: Not reported
Date Closed: Not reported
Status of Data: Complete
Inspected Date: 07/09/1999
Inspector Initials: AS
Inspector Status: Not reported
Pipe Flag: True
License Issued: / /
Vessel Id: Not reported
Renew Flag: True
Renew Date: 11/03/1995
Federal Id No: Not reported
COI Date: / /

Tank ID: 09
Tank Location: UNDERGROUND
Install Date: 04/82
Capacity (Gal): 20000
Product: UNKNOWN
Tank Status: In Service
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: Painted/Asphalt Coating
Pipe Location: Aboveground/Underground Combination
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: Wrapped (Piping)

BCF OIL REFINING, INC (Continued) **1001754932**

Second Contain:	Diking
Leak Detection:	None
Overfill Protection:	High Level Alarm
Dispenser:	Suction
Test Date:	Not reported
Date Closed:	Not reported
Status of Data:	Complete
Inspected Date:	07/09/1999
Inspector Initials:	AS
Inspector Status:	Not reported
Pipe Flag:	True
License Issued:	/ /
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	11/03/1995
Federal Id No:	Not reported
COI Date:	/ /

Tank ID:	10
Tank Location:	UNDERGROUND
Install Date:	01/89
Capacity (Gal):	6000
Product:	UNKNOWN
Tank Status:	In Service
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Aboveground/Underground Combination
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Wrapped (Piping)
Second Contain:	Diking
Leak Detection:	None
Overfill Protection:	High Level Alarm
Dispenser:	Suction
Test Date:	05/93
Date Closed:	Not reported
Status of Data:	Complete
Inspected Date:	07/09/1999
Inspector Initials:	AS
Inspector Status:	Not reported
Pipe Flag:	True
License Issued:	/ /
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	11/03/1995
Federal Id No:	Not reported
COI Date:	/ /

Tank ID:	15
Tank Location:	UNDERGROUND
Install Date:	04/82
Capacity (Gal):	50000
Product:	NOS 5 OR 6 FUEL OIL
Tank Status:	In Service

BCF OIL REFINING, INC (Continued) **1001754932**

Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Contain:	Diking
Leak Detection:	None
Overfill Protection:	High Level Alarm
Dispenser:	Suction
Test Date:	05/93
Date Closed:	Not reported
Status of Data:	Complete
Inspected Date:	07/09/1999
Inspector Initials:	AS
Inspector Status:	Not reported
Pipe Flag:	True
License Issued:	/ /
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	11/03/1995
Federal Id No:	Not reported
COI Date:	/ /

Tank ID:	16
Tank Location:	UNDERGROUND
Install Date:	04/82
Capacity (Gal):	100000
Product:	NOS 5 OR 6 FUEL OIL
Tank Status:	In Service
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Contain:	Diking
Leak Detection:	None
Overfill Protection:	High Level Alarm
Dispenser:	Suction
Test Date:	Not reported
Date Closed:	Not reported
Status of Data:	Complete
Inspected Date:	07/09/1999
Inspector Initials:	AS
Inspector Status:	Not reported
Pipe Flag:	True
License Issued:	/ /
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	11/03/1995
Federal Id No:	Not reported
COI Date:	/ /

BCF OIL REFINING, INC (Continued) **1001754932**

Tank ID:	18
Tank Location:	UNDERGROUND
Install Date:	04/85
Capacity (Gal):	4000
Product:	DIESEL
Tank Status:	In Service
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Wrapped (Piping)
Second Contain:	None
Leak Detection:	None
Overfill Protection:	None
Dispenser:	Suction
Test Date:	06/94
Date Closed:	Not reported
Status of Data:	Complete
Inspected Date:	07/09/1999
Inspector Initials:	AS
Inspector Status:	Not reported
Pipe Flag:	True
License Issued:	/ /
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	11/03/1995
Federal Id No:	Not reported
COI Date:	/ /

Tank ID:	19
Tank Location:	UNDERGROUND
Install Date:	00/00
Capacity (Gal):	550
Product:	NOS 1,2, OR 4 FUEL OIL
Tank Status:	In Service
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Contain:	None
Leak Detection:	None
Overfill Protection:	High Level Alarm
Dispenser:	Suction
Test Date:	Not reported
Date Closed:	Not reported
Status of Data:	Complete
Inspected Date:	07/09/1999
Inspector Initials:	AS
Inspector Status:	Not reported
Pipe Flag:	True
License Issued:	/ /

BCF OIL REFINING, INC (Continued) **1001754932**

Vessel Id: Not reported
Renew Flag: True
Renew Date: 11/03/1995
Federal Id No: Not reported
COI Date: / /

MOSF:
Name: BCF OIL REFINING, INC
Address: 360 MASPETH AVENUE
City,State,Zip: BROOKLYN, NY 11211
Facility ID: 2-2600
Program Type: MOSF
Tank Status: Inactive
Expiration Date: Not reported
Dec Region: 2
UTMX: 590372.16955
UTMY: 4508045.77666

MOSF AST:
MOSF Number: 2-2600
SWIS Code: 61
Facility Town: Not reported
Facility Phone: (718) 387-9710
Emergency Contact Name: SALVATORE CORTESE
Emergency Contact Phone: (718) 387-9710
Total Tanks: 19
Total Capacity: 780574
Daily Throughput: 20000
License Status: 3
Facility Type: APARTMENT BUILDING
Product Transfer Operation: Tank Truck
Facility Status: TEMPORARILY OUT-OF-SERVICE
Operator Name: SALVATORE CORTESE
Owner Name: BCF OIL REFINING, INC
Owner Address: 360 MASPETH AVENUE
Owner City,St,Zip: BROOKLYN, NY 11211-
Owner Phone: (718) 387-9710
Owner Type: Corporate/Commercial
Owner Status: 1
Owner Mark: First Owner
Mailing Name: BCF OIL REFINING, INC
Mailing Address: 360 MASPETH AVENUE
Mailing Address 2: Not reported
Mailing City,St,Zip: BROOKLYN, NY 11211-
Mailing Contact: SALVATORE CORTESE
Mailing Phone: (718) 387-9710
Legal Agent Name: GILBERT WALLACH, ESQ.
Legal Agent Address: 50 BROADWAY-25 FLOOR
Legal Agent City,St,Zip: NEW YORK, NY 10004-
LIC Expires: / /

Tank ID: 11
Tank Location: ABOVEGROUND
Install Date: 04/33
Product: NOS 5 OR 6 FUEL OIL
Tank Type: Steel/carbon steel

BCF OIL REFINING, INC (Continued) **1001754932**

Tank Internal:	None
Tank External:	CATHODIC PROTECTION
Pipe Location:	Aboveground
Pipe Type:	Steel/Iron
Pipe Internal:	None
Pipe External:	Wrapped (Piping
Secondary Containment:	Concrete Dike
Leak Detection:	None
Overfill Protection:	High Level Alarm
Dispensing Mthd:	Suction
Test Date:	05/93
Date Closed:	Not reported
Status of Data:	Complete
Capacity (gal):	110000
Lat/Long:	40|43|40 / 73|54|52
Federal ID:	Not reported
Inspected Date:	07/09/1999
Inspector:	AS
Renew Date:	11/03/1995
Inspected State:	Not reported
Pipe Flag:	True
Vessel ID:	Not reported
Reserve Flag:	True
Tank Status:	In Service
COI Date:	/ /
Date License Issued:	/ /
Date License Application Received:	02/09/1995
Chemical Bulk Storage Number:	Not reported
Pollution Discharge Elimination System Num:	0-036609
Date Legal Agent Filed with Secretary of State:	00/86

Tank ID:	12
Tank Location:	ABOVEGROUND
Install Date:	04/33
Product:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	CATHODIC PROTECTION
Pipe Location:	Aboveground
Pipe Type:	Steel/Iron
Pipe Internal:	None
Pipe External:	Wrapped (Piping
Secondary Containment:	Concrete Dike
Leak Detection:	None
Overfill Protection:	High Level Alarm
Dispensing Mthd:	Suction
Test Date:	05/93
Date Closed:	Not reported
Status of Data:	Complete
Capacity (gal):	110000
Lat/Long:	40|43|40 / 73|54|52
Federal ID:	Not reported
Inspected Date:	07/09/1999
Inspector:	AS
Renew Date:	11/03/1995
Inspected State:	Not reported

BCF OIL REFINING, INC (Continued) **1001754932**

Pipe Flag:	True
Vessel ID:	Not reported
Reserve Flag:	True
Tank Status:	In Service
COI Date:	/ /
Date License Issued:	/ /
Date License Application Received:	02/09/1995
Chemical Bulk Storage Number:	Not reported
Pollution Discharge Elimination System Num:	0-036609
Date Legal Agent Filed with Secretary of State:	00/86

Tank ID:	14
Tank Location:	ABOVEGROUND
Install Date:	04/33
Product:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	CATHODIC PROTECTION
Pipe Location:	Aboveground
Pipe Type:	Steel/Iron
Pipe Internal:	None
Pipe External:	Wrapped (Piping
Secondary Containment:	Concrete Dike
Leak Detection:	None
Overfill Protection:	High Level Alarm
Dispensing Mthd:	Suction
Test Date:	05/93
Date Closed:	Not reported
Status of Data:	Complete
Capacity (gal):	110000
Lat/Long:	40|43|40 / 73|54|52
Federal ID:	Not reported
Inspected Date:	07/09/1999
Inspector:	AS
Renew Date:	11/03/1995
Inspected State:	Not reported
Pipe Flag:	True
Vessel ID:	Not reported
Reserve Flag:	True
Tank Status:	In Service
COI Date:	/ /
Date License Issued:	/ /
Date License Application Received:	02/09/1995
Chemical Bulk Storage Number:	Not reported
Pollution Discharge Elimination System Num:	0-036609
Date Legal Agent Filed with Secretary of State:	00/86

Tank ID:	17
Tank Location:	ABOVEGROUND
Install Date:	04/51
Product:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	CATHODIC PROTECTION
Pipe Location:	Aboveground

BCF OIL REFINING, INC (Continued) **1001754932**

Pipe Type:	Steel/Iron
Pipe Internal:	None
Pipe External:	None
Secondary Containment:	Concrete Dike
Leak Detection:	None
Overfill Protection:	High Level Alarm
Dispensing Mthd:	Suction
Test Date:	06/94
Date Closed:	Not reported
Status of Data:	Complete
Capacity (gal):	110000
Lat/Long:	40|43|40 / 73|54|52
Federal ID:	Not reported
Inspected Date:	07/09/1999
Inspector:	AS
Renew Date:	11/03/1995
Inspected State:	Not reported
Pipe Flag:	True
Vessel ID:	Not reported
Reserve Flag:	True
Tank Status:	In Service
COI Date:	/ /
Date License Issued:	/ /
Date License Application Received:	02/09/1995
Chemical Bulk Storage Number:	Not reported
Pollution Discharge Elimination System Num:	0-036609
Date Legal Agent Filed with Secretary of State:	00/86

Tank ID:	20
Tank Location:	ABOVEGROUND
Install Date:	04/82
Product:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	CATHODIC PROTECTION
Pipe Location:	Aboveground
Pipe Type:	Steel/Iron
Pipe Internal:	None
Pipe External:	None
Secondary Containment:	None
Leak Detection:	None
Overfill Protection:	High Level Alarm
Dispensing Mthd:	Suction
Test Date:	Not reported
Date Closed:	Not reported
Status of Data:	Complete
Capacity (gal):	24
Lat/Long:	40|43|40 / 73|54|52
Federal ID:	Not reported
Inspected Date:	07/09/1999
Inspector:	AS
Renew Date:	11/03/1995
Inspected State:	Not reported
Pipe Flag:	True
Vessel ID:	Not reported
Reserve Flag:	True

BCF OIL REFINING, INC (Continued) **1001754932**

Tank Status:	In Service
COI Date:	/ /
Date License Issued:	/ /
Date License Application Received:	02/09/1995
Chemical Bulk Storage Number:	Not reported
Pollution Discharge Elimination System Num:	0-036609
Date Legal Agent Filed with Secretary of State:	00/86

SPILLS:

Name:	BCF OIL REFINING INC
Address:	360 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	8701849 / 1987-06-10
Facility ID:	8701849
Facility Type:	ER
DER Facility ID:	74202
Site ID:	80009
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	A1
SWIS:	2401
Spill Date:	1987-06-04
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	1987-06-04
CID:	Not reported
Water Affected:	FLUSHING BAY
Spill Source:	Major Facility (MOSF) > 400,000 gal
Spill Notifier:	Federal Government
Cleanup Ceased:	1987-06-10
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1987-06-05
Spill Record Last Update:	2003-09-19
Spiller Name:	SAL CORTESE
Spiller Company:	BCF OIL
Spiller Address:	360 MASPETH AVENUE
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	""
Remarks:	"MALFUNCTION IN THE OIL/WATER SEPARATOR. USCG ON THE SCENE."

All Materials:

Site ID:	80009
Operable Unit ID:	906265
Operable Unit:	01
Material ID:	471741
Material Code:	1721A
Material Name:	spdes discharge
Case No.:	Not reported
Material FA:	Other
Quantity:	.00
Units:	G
Recovered:	.00

BCF OIL REFINING, INC (Continued) **1001754932**

Oxygenate:	Not reported
Site ID:	80009
Operable Unit ID:	906265
Operable Unit:	01
Material ID:	471740
Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported
Name:	BCF OIL REFINING INC.
Address:	360 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9403829 / 2003-09-02
Facility ID:	9403829
Facility Type:	ER
DER Facility ID:	74202
Site ID:	80011
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	A1
SWIS:	2401
Spill Date:	1994-06-17
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	1994-06-17
CID:	Not reported
Water Affected:	ENGLISH KILLS
Spill Source:	Major Facility (MOSF) > 400,000 gal
Spill Notifier:	Federal Government
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1994-09-26
Spill Record Last Update:	2004-06-07
Spiller Name:	Not reported
Spiller Company:	BCF OIL REFINING, INC.
Spiller Address:	360 MASPETH AVENUE
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	""
Remarks:	"USCG NIOTIFIED DEC OF OIL CONTAMINATION AT SPDES OUTFALL, AND ALONG THE SHORELINE OF THE ENGLISH KILLS. USCG REQUESTED BOOMING. DEC INVESTIGATED WITH DEP. DEC SIGONA HIRED MILRO TO CLEANOUT OWS."

All Materials:

Site ID:	80011
Operable Unit ID:	1000808
Operable Unit:	01

BCF OIL REFINING, INC (Continued) **1001754932**

Material ID:	383992
Material Code:	0022
Material Name:	waste oil/used oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	BCF OIL REFINERY, INC
Address:	360 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9406807 / 2014-10-29
Facility ID:	9406807
Facility Type:	ER
DER Facility ID:	74202
Site ID:	80012
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	A1
SWIS:	2401
Spill Date:	1994-08-19
Investigator:	AXDORONO
Referred To:	Not reported
Reported to Dept:	1994-08-19
CID:	Not reported
Water Affected:	ENGLISH KILL
Spill Source:	Major Facility (MOSF) > 400,000 gal
Spill Notifier:	DEC
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1994-10-20
Spill Record Last Update:	2014-10-29
Spiller Name:	Not reported
Spiller Company:	BCF OIL REFINERY, INC
Spiller Address:	360 MASPETH AVENUE
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIPPLE 04/25/95: SEE SPILL #9403829. DEC (Sigona) issued a hazardous waste cleanup contractor on 3/27/2000 under H0413. DEC referred this site cleanup to USEPA for RCRA Cleanup action. This spill site cleanup has been consolidated under Spill No. 9406807. 4/21/04 - Spill manager's name switched to Tipple from Sigona. 8/23/04 - Raphael Ketani. Case transferred to Jeff Vought. 7/3/12 - Austin - A synopsis to date of the basic activities on this site: Region 2 Spills staff did a PIN project on this site in the 1990s when it was abandoned by the owner, who found PCBS in his stored waste oil tanks. We re-diverted the storm drainage away from the storage tanks to prevent an overflow condition, and secured the site. The EPA then came in, and did a Superfund emergency removal of the hot oil from

BCF OIL REFINING, INC (Continued) **1001754932**

the tanks. They gave it back to DEC for a NYS Superfund investigation. After Jim Quinn's section did their Superfund investigation of the site, they found there were no hazardous wastes (PCBs) in the ground/groundwater. The original oil spill report, #9406807 (the one of this record), was closed in the interim by Kevin Hale, since it was in the State Superfund program. There is still petroleum g.w. contamination from the waste oil operations, so we need to re-open this spill report (#9406807), and assign it to one of our Remediation staff in Region 2 to continue the investigation, presumably under a PIN project. I have done so, by transferring this spill to Vadim Brevedo's section (Remediation Section B , as per the Regional Remediation Engineer. DEC Brevdo will assign this site to a project manager in his section for review and determination of further action. - end 02/12/2013: This spill case was transferred to A. Doronova. - AD Looked for property information on PropertyShark and NYC ACRIS database. According to the results: this property was sold by City of NY in 2006 to Newtown Development LLC. The property was bought at foreclosure. The Newtown Development company was represented by an attorney - Seth Friedland of Friedland Laifer & Robbins, LLP. Address of attorney: 62 William Street, 3rd Floor New York, NY 10005 Phone: 212-344-1400 Called and left a message to Mr. Friedland on his voicemail. Did not find on the Internet any other contact info for Newtown Development LLC. There is no listing for Newtown Development LLC on Department of State's Division of Corporations database. There is a company with a similar name - Newtown Development Group LLC. The company address is: Newtown Development Group LLC 2208 Astoria Blvd. Astoria, NY Phone: (718)545-1850 Called on the listed phone and left a message. Later in the day called and left a message with a secretary of Mr. Friedland. She told me that Newtown Development LLC is still their client. 1:12 PM - Received a call from Mr. Friedland. He told me that the site was cleaned by DEC and they had some kind of agreement with the state that the site will be remediated before purchasing it in 2006. Asked him to submit this agreement and also asked him for RP contact information. He said that he will speak with his client and get back to us in a day. AD 02/13/2013: Received a message from Mr. Friedland. Called and spoke with him. Mr. Friedland was authorized by the property owner to represent him in this case. CEUS Env. will probably be a consultant for the site. Mr. Friedland will confirm it later. He gave the address and contact info of the owner of the site: Marcello Porcelli - president Newtown Development, LLC c/o Fabrizio Realty 364 Maspeth Ave, Brooklyn, NY phone: (718) 782-4200 Mr. Friedland asked for next course of actions required by DEC. Told him that after I review the case file I will issue a letter to his client with a request for further actions depending on soil and groundwater data. Told him to file FOIL request in a meantime to get site-related data. Mr. Friedland will e-mail me a copy of the comfort letter his client received from DEC. Put site priority as P0. AD 02/25/2013: Reviewed the 2009 Investigation Report. The highest concentration of TVOCs is in shoreline sample point PW-1 at 1200 ppb detected in October 2007. Called and left a message to Mr. Friedland. AD 02/26/2013: Called and spoke with Mr. Friedland regarding the site reconnaissance. Requested to inspect all site-related wells and to collect groundwater samples, then based on the result to propose next course of actions. Later in the day received the following e-mail from Mr. Fridland: Dear Ms. Doronova: As just discussed, you advised me that you reviewed the latest available sampling data in NYSDEC's records for this site

BCF OIL REFINING, INC (Continued) **1001754932**

which are from 2009. Because of the age of those results, you have requested that more current sampling results from the above site be obtained and submitted. You also indicated that the readings in the files were relatively modest with one of the highest reading in the range of 1,300 parts. In this regard, you have requested that our client's consultant do the following: " Inspect the wells for sampling ability and determine the status of the wells (you said you thought there were 17 wells on the site); " Sample groundwater from the wells for VOC's and SVOC's which would relate to fuel oil and PCB's; " Upon the consultant's review and analysis of the sampling results, you would like the consultant to submit a Site Sampling Status Report documenting the sampling results. " In the Site Sampling Status Report, depending on the sampling results, you would also like the consultant to recommend a course of action ranging from a request for spill closure, to continued monitoring and natural attenuation, or another method of remediation that will lead to closure, as recommended by our consultant. Please review my summary above and kindly either confirm my understanding above, or add any other language modifications to this email that you feel are appropriate. Once I receive your response hereto, I will arrange for authority for the consultant to perform the required tasks. Thanks again for your cooperation and assistance. Regards. Sent from my BlackBerry Seth D. Friedland Friedland Laifer & Robbins, LLP 62 William Street New York, New York 10005 T 212.344.1400 x. 202 F 212.344.8735 C 917.902.6386 Efax 646.304.1916 email: sfriedland@friedlandlaifer Sent an e-mail to Mr. Friedland confirming the course of actions. AD 03/06/2013: Received the following e-mail from Mr. Friedland: Dear Ms. Doronova, Our client's consultants went to the site to inspect the wells as you requested. They were able to locate and identify approximately 7 or 8 wells so far. Also, the BCF site has been used as an impound lot by New York City for the parking of cars for the last year or so, so it may have been difficult for the consultants to locate some of the wells because of the presence of parked cars. Can you send me a copy of the well map you had reviewed so the consultants can try to reconcile the current site conditions with the site plan in your files. Thanks very much. Sent from my BlackBerry Seth D. Friedland Friedland Laifer & Robbins, LLP Sent the requested site plans. AD 06/03/2013: Sent an e-mail to Mr. Frieland with a request for site status update info. Requested to submit a summary report by end of June. Later in the day received the following e-mail from Mr. Frieland: Ms. Doronova, I know they are working on trying to finalize the report, but the consultants have a couple of questions. Would it be possible to discuss the report questions before they finalize and submit it in order to expedite the process? I can arrange a telephone call with them at a mutually convenient time if ok with you. Thanks for your patience. Seth D. Friedland Gave him time when I am avalable to take conference call. AD 06/04/2013: Finalized time for the conference call for 1:30 PM for June 6, 2013. AD 06/06/2013: received an e-mail from Mr. Friedland with some site maps from the new report. Had a conference call with Mr. Friedland and his consultant. Discussed the new groundwater data and issues with report presentation. The complete report will be submitted to DEC as scheduled by June 30, 2013. AD 06/28/2013: Received the following e-mail from John Rhodes of CEUS Engineering: Ms. Doronova, Attached is the Site Sampling Report and Petition for Closure of NYSDEC Spill Number 9406807 for the former BCF Site. I am also sending this report to you next week in hard copy with a CD

BCF OIL REFINING, INC (Continued) **1001754932**

containing the report. Please confirm receipt. Thank you for your assistance on this project, John A. Rhodes, P.E., F.NSPE CEUS Engineering, P.C. NJ: 5 Bedford Place, Morristown, 07960 NY: 62 William Street, 3rd Floor, New York, 10005 646 465 2494 DL the report to eDocs. Will review. AD 08/09/2013: Reviewed the report. It states that the Site was an Inactive Hazardous Waste Site investigated and cleaned-up through a cooperative arrangement between the NYSDEC, New York City (NYC), the United States Environmental Protection Agency (EPA) and a purchaser of the property, Newtown Development, LLC (NDL) to convert an abandoned hazardous waste site back to a beneficial use. According to the report, as part of the cooperative arrangement, the following have been accomplished: - The NYSDEC responded to discharges of petroleum from the former BCF facility, closed an oil water separator, cleaned up surface debris, supervised and funded a Demonstration of Method Applicability Study (DMA) and a Remedial Investigation (RI), led the Traid team during the RI, partnered with NDL to allow the innocent landowner purchase of the Site, and provided the successful regulatory framework and oversight for the project that led to the current status. - The EPA transferred their CERCLA oversight role to the NYSDEC, subordinated a lien against the property so that NDL could move forward to purchase the property and the remediation move forward, provided the expertise for the Triad approach including participation on the Triad team, provided the regulatory framework and oversight for the decontamination of the steel that otherwise would have been TOSCA waste, and performed an emergency removal action that included cleaning and closure of numerous tanks containing PCB laden oils. - The NYSDEC along with EPA, NYC and NDL led the development of the cooperative arrangement as part of the City s and State s interest in economic development and repatriation of contaminated and abandoned property, coordinated local regulatory and other support for the project, participated on the Triad team and promoted the successful approach to cleaning-up the Site to others addressing contaminated properties in NYC. - NDL (along with NYSDEC and NYC) led the conceptual development of the cooperative arrangement, purchased and funded the property allowing the entire enterprise to move forward, demolished the above ground structures, decontaminated and recycled the steel from tanks and piping; identified, leased to and interfaced with an industrial operation on the property (the impound lot operations for NYC s Marshal s operations), covered and leveled the ground with inch quarry stone, and managed the property to allow all other parties (EPA, NYSDEC, Triad team) to do what they needed to do. NDL is now addressing the residual petroleum (fuel oil) contamination issue brought to NDL s attention by NYSDEC as a continuing obligation to which they agreed as part of the cooperative arrangement and in continued cooperation with the NYSDEC, now through the Region 2 office. 2013 GW sampling: The report states that in February and March of 2013 contractors for NDL conducted groundwater sampling and testing and related activities in accordance with the plan approved by the Region 2 office. The 2013 follow?up groundwater elevation measurements and testing confirmed the southerly flow direction of groundwater from the southern portion of the Site. Additionally, through an examination of the construction of the retaining wall and elevations of the underlying clay layer we confirmed that the retaining wall was keyed into the clay and thereby inhibiting direct impacts on the English Kill from the petroleum release on the Site. The monitoring wells in the southern portion of the Site are

BCF OIL REFINING, INC (Continued) **1001754932**

representative of downgradient groundwater conditions to the north of the Site. GW data - SVOCs in GW: Naphthalene was not above this groundwater standard in the 2013 follow up testing.The consultant recommends no further action regarding the SVOC contaminants detected at the Site. BTEX: The NYSDEC noted BTEX compounds (benzene, toluene, ethylbenzene and xylene) in most of the wells on the properly exceeding their respective Class GA Groundwater standard. The concentrations of BTEX compounds in the 2013 testing were consistent with the concentrations in the RI testing (2009), with improvement but also localized increases in concentrations. The average values of toluene, ethylbenzene and xylene all dropped between the 2009 RI testing and the 2013 testing. In 2009 the average or the total of these three compounds was 7.7 ug/l. By 2013, this average had dropped to 1.9 ug/l. However, the average benzene value increased slightly, from 34.6 ug/l at the time of the RI to 67.5 ug/l in 2013. This is likely due to the small amount of LNAPL that was encountered in MW-12 (0.04 inches) thereby biasing high the average value; and our decision to sample groundwater in MW-12 after removal of this LNAPL even though wells with LNAPL were not sampled during the RI. A longer period of record for MW-7, a downgradient well for contaminants from the northern portion of the BCF Site. Total BTEX and benzene concentrations have dropped over the past five years until they are now nearly within Class GA Groundwater standards. A similar record is indicated for the other wells monitoring the BCF Site. however, the BTEX compounds are not migrating. The furthest downgradient well to the south towards the English Kills, MW-16, contained no BTEX compounds (or any other compounds) exceeding Class GA Groundwater Standards. Further, the retaining wall extends around the entire southern portion of the Site, thereby inhibiting flow into the English Kills. Similarly, the furthest downgradient well to the northeast along the Maspeth Avenue utility beddings, MW-7, contained only benzene at 1.1 ug/l, only slightly above its Class GA Groundwater Standard of 1.0 ug/l. (Isopropylbenzene was also detected at 20 ug/l, above its Class GA Groundwater Standard of 5 ug/l.) Therefore, according to the consultant, the VOC constituents of fuel oil are not migrating beyond the property in significant concentrations. GW data comparison (TVOCs in ppb): well 2009 2013 MW-6 193 23 MW-7 17 24 MW-8 349 99 MW-9 47 89 MW-10 19 6.7 MW-12 366 654 MW-13 25 175 MW-14 88 64 MW-15 101 121 MW-16 55 6 MW-17 277 187 Six wells: MW-6, MW-8, MW-10, MW-14, MW-16 and MW-17 showed decrease in TVOCs levels. Five wells: MW-7, MW-9, MW-12, MW-13 and MW-15 indicated increase in TVOCs. The most contaminated well is MW-12 with 654ppb of TVOCs. Free product in 2013: The 2013 testing confirmed LNAPL at two locations (wells MW-12 and MW-15), in lower amounts than identified during the RI. The area where LNAPL had been suspected but not confirmed by the RI contained no LNAPL in 2013. The RI mobility/recoverability testing was repeated. The LNAPL observed in 2013 was confirmed to be essentially immobile and practicably non-recoverable. The consultant recommends no further action regarding the remaining LNAPL at the site. Exposure assesment: The area of the BCF Site has a long industrial history, much of it as an oil terminal stemming back to 1933. The surrounding area has been industrial including land uses such as the National Grid Greenpoint Energy Facility (Keyspan), major pipelines, scrap metal recycling and oil terminals. Today the Site is an impound lot for the City of New York. The New York City Planning Department s objectives are to keep the area industrial. Groundwater at and in the vicinity of the Site

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is not potable and not used for any purpose including industrial. Groundwater is sufficiently deep that exposure to users of the industrial property is unlikely, although basic controls during construction would be appropriate. Furthermore, the remaining groundwater contamination is not migrating off the property in significant amounts. Therefore, there is no potential for exposure to contaminated groundwater other than when deep excavation is done during redevelopment construction or for utility repairs in the immediate vicinity of the Site. The only environmental receptor is the English Kills adjoining the southern portion of the Site. The English Kills is an industrial waterway with barge and other industrial and commercial traffic. A major outfall of the NYC sewer system is located just upstream of the BCF Site. The RIR indicates that contaminants in the sediment in the English Kills come from upgradient sources and not the BCF Site. The Site groundwater evaluation shows minimal if any impact to the English Kills from the Site. Therefore, there is no significant threat to any environmental receptors from the Site. There are no residential or other sensitive use properties in the vicinity and the entire stretch of Maspeth avenue where the Site is located is exclusively heavy industrial and commercial. Soil vapor intrusion is not a current concern due to the lack of structures. Should future structures be desired on this industrial property, soil vapor intrusion can be better addressed at that time, if necessary. The remaining contamination poses no threat to the current and likely future users of the property. None of the targeted contaminants are present in the upper two feet of soil. Currently, any contaminated soil is well separated from current users by the three-quarter inch gravel placed on the ground surface after the demolition of the aboveground facilities as required by the NYSDEC. A Sensitive Receptor Survey was done in conjunction with the 2013 testing. The Sensitive Receptor survey concluded that there was no threat to human health or the environment. The 2013 testing reported here shows the groundwater plume to be stable and consistent with what was found during the RI. Conditions are improving with time. Contaminants associated with fuel oil are not migrating off-site. Furthermore, the BCF Site is capped with gravel and mine millings and currently supporting an industrial operation; it will continue to support an industrial operation based on NYC plans and the Site s location. There is no impact to the English Kills indicated by the 2009 or 2013 testing. With the stable plume, low and improving concentrations of contaminants, lack of significant off-site migration, and a cap protecting an industrial operation; the Site conditions are fully protective of public health and the environment at this industrial property. Therefore, the consultant petitions for closure of NYSDEC Spill Number 9406807. GW data is limited to only two sampling rounds. The lates data indicated increase in Benzene levels. Free product on two wells. Will discuss the closure request with J. Kolleeny. 08/29/2013: Discussed the closure request with J. Kolleeny of DEC. It was decided that although VOC concentrations in some site wells have decreased since the last groundwater sampling event, performed at the site in 2009, the submitted data indicate that free product is present in two site wells, total VOC concentrations increased in five site wells, and benzene levels increased in seven wells. In light of these conditions, further actions are warranted at the site. AD 09/04/2013: Issued and sent a DEC Response letter to Mr. Porcelli stating that spill case closure cannot be approved at this time and that free

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product recovery and groundwater monitoring and sampling of site wells should continue in order to eliminate free product to the extent feasible and establish a clear decreasing trend of groundwater contaminant levels. DL pdf copy of the leter to eDocs. AD 09/18/2013: Received a phone call from John A. Rhodes of CEUS Engineering. He wanted to discuss free product recovery and GW sampling for the site. Told him to measure LNAPL thickness before bailing it out and suggested to install oil absorbent socks into the wells with free product, if it recharges at very slow rate. Permitted the omission of wells MW-7, MW-05, MW-10 and MW-16 from the sampling program. Also required to sample the rest of the site wells only for VOCs. AD 10/03/2013: Received the following e-mail from J. Rhodes: Ainura, We are going to sample the wells at BCF on Monday, October 7. To re-iterate the plan: We ll be sampling wells MW-8, 9, 12, 13, 14, 15 and 17. We ll test for VOCs (no SVOCS or PCBs), and for petroleum compounds (STARS list compounds). We ll gage the wells for product and evaluate increases or decreases, bale the wells as appropriate, and use absorbent socks after baling the wells. We ll report the results to you shortly after receiving the laboratory analytical reports. I also want to tell you that we collected a few samples from the BCF wells last month to get a preliminary idea of what trends were like. We will include the results from these samples in our next report. Let me know if there are any problems with the above. Thanks, John Rhodes, P.E. AD 12/26/2013: Received the following e-mail from J. Rhodes: Ainura, Attached is the BCF Groundwater Sampling Report. I am also sending you the report in hard copy with a CD. Please confirm receipt. Thanks, Ainura, John John A. Rhodes, P.E. CEUS Engineering, P.C. NJ: 5 Bedford Place, Morristown, NJ 07960 NY: 62 William Street, New York, NY 10005 646 465 2494 JRhodes@CEUSEngineeringPC.com JARhodes1@Verizon.net DL the report to eDocs. Will review. AD 01/10/2014: Reviewed the report. It states that additional groundwater sampling and testing requested by the NYSDEC in September 2013 was conducted in September and up to November 4, 2013. The additional work included sampling and testing of seven wells for specific constituents of petroleum, a trend analysis of groundwater concentrations, and limited remediation comprised of the application of absorbent socks in wells that contained or recently contained LNAPL. Additionally, NDL added a round of groundwater sampling and testing in an effort to better understand contaminant trends. Performed site activities include: - Sample wells MW-8, 9, 12, 13, 14, 15, and 17, - Analyze samples for petroleum VOCs (EPA Method 8260 STARS, no SVOCS or PCBs), - Gauge wells for product to evaluate increases or decreases, and, - Conduct a limited remediation by applying petroleum absorbent socks. Monitoring wells were gauged on September 16, October 8, and November 1, 2013. This gauging confirmed the prior gauging on 2/28/2013, 3/28/2013 and 4/22/2013, as well as the prior readings made during the RI and by Rust in 1998. The groundwater flow in the northern portion of the Site to the north was confirmed. Groundwater from the southern portion of the Site flows south toward the English Kills; this was also confirmed by recent measurements. The presence of the retaining wall at the south end of the Site affects local groundwater flow. This retaining wall is tied into the native clay unit thereby minimizing direct impacts of contaminated groundwater, if any, to the English Kills. MW-16 is a key downgradient well to the south of the BCF source areas. Absorbent socks were employed in wells MW-12, and prophylactically in MW-14 where product was observed during one gauging event, and in MW-15

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where a suspended organic sediment was suspected. Due to the one inch diameter of piezometer PZ K-11, a peristaltic pump was used to remove product if encountered in the well. Upon the discovery of product in what is believed to be well MW-2, absorbent socks were applied at that location as well. GW data comparison (TVOCs in ppb): well 2009 03/2013 10/2013 MW-6 193 23 NS MW-7 17 24 NS MW-8 349 99 ND MW-9 47 89 88 MW-10 19 6.7 NS MW-12 366 654 448 MW-13 25 175 191 MW-14 88 64 65 MW-15 101 121 129 MW-16 55 6 NS MW-17 277 187 ND Three wells: MW-8, MW-12 and MW-17 showed decrease in TVOCs levels. Three wells: MW-9, MW-15 and MW-14 indicated same levels of TVOC for both sampling events. Well MW-13 showed a slight increase in TVOCs. The most contaminated well is MW-12 with 448ppb of TVOCs. Conclusions: According to the consultant, the Exposure Assessment and Sensitive Receptor survey concluded that there was no threat to human health or the environment from the BCF Site. The current and likely future use of the Site and surrounding area is industrial. No threat to the industrial use of the property and surrounding area is presented by the current Site conditions. LNAPL, if any remains, is not a threat to the public or the environment, and practicably unrecoverable. During 2013, LNAPL was intermittently encountered only in small pockets. Through the use of absorbent socks, we have recovered approximately 1 gallon of oil in the latter half of 2013. Although CEUS will continue the application of absorbent socks for prophylactic reasons, further remedial activity will not be significantly effective and would yield diminished returns. Maintaining an open Spill Case will not affect this condition. The 2013 groundwater testing shows remaining contaminant concentrations in all wells to be following an exponential decay pattern similar to that observed in MW-7. The key downgradient well MW-17 decreased in contaminant concentrations over 2013 to the point where the most recent sampling and testing results (October 8) were below Class GA Groundwater Standards. Two other key downgradient wells, MW-16 and MW-7, have also reached the Class GA Groundwater Standards. MW-13, 14 and MW-15 are at lower concentrations and as a result their degradation patterns are not as pronounced. However, concentrations are not significantly increasing, if at all. After repeated groundwater samples and tests from these wells that show no significant contaminant concentrations, further sampling and testing would be of no value. There are currently no receptors for the contaminated groundwater remaining and unlikely to be any receptors in the future for this industrial Site. To the south, the discharge of groundwater to the English Kills is limited by a low permeability retaining wall keyed into the natural clay deposits as described in the RIR. Similarly, a significant contamination is not migrating to the north into the area of high industrial traffic along Maspeth Avenue. Based on the data. the consultant petitioning the NYSDEC for closure of the Spill Number 9406807 stating that there is no threat to the public or the environment from the BCF Site today, and none likely in the future. No remediation is necessary or practicable; further remedial activity will not be significantly effective and would yield diminished returns. No further value is served by additional sampling and testing of groundwater. While TVOCs are low in the site wells and the most contaminated well shows 448 ppb of TVOCs, there still is a free product in some of the site wells. Will diccuss the site with J. Kolleeny of DEC. AD 01/15/2014: Discussed the spill closure request with J. Kolleeny of DEC. The decision was that DEC cannot close the spill case at this time, due to reapearing

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free product in few site wells. GW sampling frequency could be reduced to a semi-annual basis and some wells could be removed from the sampling program (wells with ND levels of TVOCs). Wells with free product should be monitored on a continious basis to establish decreasing trends. AD 02/2014: Left a message to Mr. Rhodes. AD 07/08/2014: Received a call from Mr. Friedland. Explained him that DEC requires to monitor free product at the site wells on a continious basis to establish decreasing trend. AD 10/22/2014: Received the following e-mail from Mr. Rhodes: Ainura, Attached is a report on the former BCF Facility, Spill No. 9406807. As you will see in the report, no oil remains at the site in the any of the locations where it was previously detected. As this was the DEC s last concern for this site, we are now renewing our request that this spill case be closed. You will note in the report that in June of this year we found MW-11, a well in which the DEC had observed oil during the RI. We were able to recover a small amount of oil from the well until July when no oil returned. Although we continue to employ absorbent socks to the well, no oil has returned to the well as of today. Throughout our monitoring in 2014, no oil was detected in any of the other areas of the site where it had been previously detected. Therefore, with the absence of oil in the MW-11 area, we conclude that the site is now practicably oil free. Please let me know if you have any questions. We look forward to your earliest response. John A. Rhodes, P.E., F.NSPE CEUS Engineering, P.C. NJ: 5 Bedford Place, Morristown, NJ 07960 NY: 62 William Street, New York, NY 10005 646 465 2494 JRhodes@CEUSEngineering.com JARhodes1@Verizon.net Will review. AD 10/28/2014: Reviewed the report. It states that free product monitoring was conducted at the site. LNAPL OBSERVATIONS AND REMEDIATION: After the departure of the impound lot operation in late September, SEUS located MW-11, the 2 well adjacent to the 1 diameter piezometer PZK?11. Since its discovery on June 2, 2014, MW-11 replaced PZK-11 for monitoring and product recovery actions. given its larger size, which makes it more representative of conditions in the area of concern. Product was recovered from MW-11 on the first day of discovery by peristaltic pump, and then by the use of absorption socks. No measurable amount of product has been detected in MW-11 since July 9, 2014. The product observations in calendar year 2014 for MW-11 and MW-2, indicated that these two wells accumulated sufficient oil to stain absorbent socks. No product was indicated in any other well during calendar year 2014. SEUS had applied absorbent socks to all wells in which product had been reported in the past, observed during the investigations or suspected of being present. For a time, small amounts of product absorbed onto the socks and the socks were periodically replaced. As of October 2014, no product is indicated to be absorbing onto any of the absorbent socks that continue to be deployed in all wells in which product had once been indicated or suspected. Conclusions and recommendations: No recoverable LNAPL has been encountered at the former BCF facility since June 2014. The consultant intend to continue the application of absorbent socks for prophylactic and ongoing monitoring reasons, but requests that this activity not hold up the closure of the Spill Case. The Exposure Assessment and Sensitive Receptor Survey presented in prior reports concluded that there is no threat to human health or the environment from the BCF Site. The current and likely future use of the Site and surrounding area is industrial or heavy commercial. No threat to the industrial or heavy commercial use of the property and surrounding area is

BCF OIL REFINING, INC (Continued) **1001754932**

presented by the current Site conditions. Will discuss the spill closure request with J. kolleeny of DEC. AD 10/29/2014: Discussed the spill closure recommendation with J. Kolleeny of DEC. Given the latest GW monitoring results it was decided to approve spill closure request. Issued and sent a letter to Marcello Porcelli of Newtown Development, LLC. Case closed. AD"

Remarks: "STORMWATER OVERFLOWING, OIL/WATER SEPARATOR SYSTEM WHICH FEEDS THROUGH OIL STORAGE AND TREATMENT SYSTEM. OIL STORAGE CONT./W PCBS. DEC HIRED CONT. TO INSTALL BY PASS TO ALLOW STORMWATER TO FLOW."

All Materials:

Site ID:	80012
Operable Unit ID:	1004223
Operable Unit:	01
Material ID:	379839
Material Code:	0022
Material Name:	waste oil/used oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	BCF OIL
Address:	360 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9700679 / 2003-09-02
Facility ID:	9700679
Facility Type:	ER
DER Facility ID:	74202
Site ID:	286994
DEC Region:	2
Spill Cause:	Housekeeping
Spill Class:	A1
SWIS:	2401
Spill Date:	1997-04-15
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	1997-04-15
CID:	211
Water Affected:	ENGLISH KILLS
Spill Source:	Major Facility (MOSF) > 400,000 gal
Spill Notifier:	DEC
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1997-04-15
Spill Record Last Update:	2003-09-02
Spiller Name:	SAL CORTESE
Spiller Company:	BCF OIL
Spiller Address:	360 MASPETH AV
Spiller Company:	001
Contact Name:	SAL CORTESE

BCF OIL REFINING, INC (Continued) **1001754932**

DEC Memo: ""
Remarks: "Company is cleaning tanks for inspection and discharge pipes are leaking water and PCB oil mixture - Pipe 1 discharging at 1 GPM & Pipe 2 discharging at 5 GPM the discharge is to English Kills"

All Materials:
Site ID: 286994
Operable Unit ID: 1046962
Operable Unit: 01
Material ID: 337271
Material Code: 0022
Material Name: waste oil/used oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

Site ID: 286994
Operable Unit ID: 1046962
Operable Unit: 01
Material ID: 337270
Material Code: 0017A
Material Name: PCB oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

Name: BCF OIL REFINING INC
Address: 360 MASPETH AVENUE
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 8910891 / 1990-02-16
Facility ID: 8910891
Facility Type: ER
DER Facility ID: 74202
Site ID: 211455
DEC Region: 2
Spill Cause: Equipment Failure
Spill Class: A1
SWIS: 2401
Spill Date: 1990-02-14
Investigator: MCTIBBE
Referred To: Not reported
Reported to Dept: 1990-02-14
CID: Not reported
Water Affected: ENGLISH KILLS
Spill Source: Major Facility (MOSF) > 400,000 gal
Spill Notifier: Federal Government
Cleanup Ceased: 1990-02-16
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False

BCF OIL REFINING, INC (Continued) **1001754932**

Remediation Phase:	0
Date Entered In Computer:	1990-02-28
Spill Record Last Update:	2003-09-02
Spiller Name:	SAL CORTESE
Spiller Company:	BCF OIL INC.
Spiller Address:	360 MASPETH AVE
Spiller Company:	001
Contact Name:	SAL CORTESE
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE DEC referred this site cleanup to USEPA for RCRA Cleanup action. This spill site cleanup has been consolidated under Spill No. 9406807. "
Remarks:	"USCG ON SCENE-BCF TO DO CLEAN UP"

All Materials:

Site ID:	211455
Operable Unit ID:	937875
Operable Unit:	01
Material ID:	440442
Material Code:	0022
Material Name:	waste oil/used oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	BCF OIL
Address:	360 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9700680 / 1997-04-16
Facility ID:	9700680
Facility Type:	ER
DER Facility ID:	74202
Site ID:	211457
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	A1
SWIS:	2401
Spill Date:	1997-04-15
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	1997-04-15
CID:	369
Water Affected:	ENGLISH KILLS
Spill Source:	Major Facility (MOSF) > 400,000 gal
Spill Notifier:	Federal Government
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1997-04-15
Spill Record Last Update:	2003-09-02
Spiller Name:	SAL CORTESE

BCF OIL REFINING, INC (Continued) **1001754932**

Spiller Company:	BCF OIL FACILITY
Spiller Address:	360 MASPETH AVENUE
Spiller Company:	001
Contact Name:	SAL CORTESE
DEC Memo:	""
Remarks:	"USCG received notice from DEC Hussein- Report of a continuous discharge to Waterbody."

All Materials:

Site ID:	211457
Operable Unit ID:	1046964
Operable Unit:	01
Material ID:	337272
Material Code:	0022
Material Name:	waste oil/used oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

SPDES:

Name:	BCF OIL REFINING, INC
Address:	360 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY 11211
Permit Number:	NY0036609
State-Region:	02
Expiration Date:	10/01/1997
Current Major Minor Status:	Minor
Primary Facility SIC Code:	5093
State Water Body Name:	NEWTOWN CK
Limit Set Status Flag:	Active
Total Actual Average Flow(MGD):	0.001
Total App Design Flow(MGD):	Not reported
UDF1:	Not reported
Lat/Long:	40.719806 / -73.925056
DMR Cognizant Official:	SALVATORE CORTESE, PRESIDENT
UDF2:	001702
UDF3:	SD
FIPS County Code:	NY047

Non-Gov Permit Affiliation Type Desc:	DMR Mailing Address
Non-Gov Permit Org Formal Name:	BCF OIL REFINING, INC
Non-Gov Permit Street Address:	BCF OIL REFINING, INC
Non-Gov Permit Supplemental Location:	360 MASPETH AVENUE
Non-Gov Permit City:	BROOKLYN
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	11211
Non-Gov Facility Affiliation Type Desc:	Mailing Address
Non-Gov Facility Org Formal Name:	BCF OIL REFINING, INC
Non-Gov Facility Street Address:	BCF OIL REFINING, INC
Non-Gov Facility Supplemental Location:	360 MASPETH AVENUE
Non-Gov Facility City:	BROOKLYN
Non-Gov Facility State Code:	NY

BCF OIL REFINING, INC (Continued) **1001754932**

Non-Gov Facility Zip Code:	11211
State Water Body:	02030201010
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

Name:	BCF OIL REFINING, INC
Address:	360 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY 11211
UDF2:	001702
UDF3:	SD
FIPS County Code:	NY047

Non-Gov Permit Affiliation Type Desc:	DMR Mailing Address
Non-Gov Permit Org Formal Name:	BCF OIL REFINING, INC
Non-Gov Permit Street Address:	BCF OIL REFINING, INC
Non-Gov Permit Supplemental Location:	360 MASPETH AVENUE
Non-Gov Permit City:	BROOKLYN
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	11211
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	BCF OIL REFINING, INC
Non-Gov Facility Street Address:	BCF OIL REFINING, INC
Non-Gov Facility Supplemental Location:	360 MASPETH AVENUE
Non-Gov Facility City:	BROOKLYN
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11211
State Water Body:	02030201010
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

Name:	BCF OIL REFINING, INC
Address:	360 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY 11211
UDF2:	001702
UDF3:	SD
FIPS County Code:	NY047

Non-Gov Permit Affiliation Type Desc:	Permittee
Non-Gov Permit Org Formal Name:	BCF OIL REFINING, INC
Non-Gov Permit Street Address:	360 MASPETH AVENUE
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	BROOKLYN
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	11211
Non-Gov Facility Affiliation Type Desc:	Mailing Address

BCF OIL REFINING, INC (Continued) **1001754932**

Non-Gov Facility Org Formal Name:	BCF OIL REFINING, INC
Non-Gov Facility Street Address:	BCF OIL REFINING, INC
Non-Gov Facility Supplemental Location:	360 MASPETH AVENUE
Non-Gov Facility City:	BROOKLYN
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11211
State Water Body:	02030201010
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

Name:	BCF OIL REFINING, INC
Address:	360 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY 11211
UDF2:	001702
UDF3:	SD
FIPS County Code:	NY047

Non-Gov Permit Affiliation Type Desc:	Permittee
Non-Gov Permit Org Formal Name:	BCF OIL REFINING, INC
Non-Gov Permit Street Address:	360 MASPETH AVENUE
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	BROOKLYN
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	11211
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	BCF OIL REFINING, INC
Non-Gov Facility Street Address:	BCF OIL REFINING, INC
Non-Gov Facility Supplemental Location:	360 MASPETH AVENUE
Non-Gov Facility City:	BROOKLYN
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11211
State Water Body:	02030201010
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

S227 **BCF OIL REFINING, INC.** **SEMS** **1000272490**
WSW **360 MASPETH AVENUE** **NY SHWS** **NYD068273044**
1/4-1/2 **BROOKLYN, NY 11211** **RCRA NonGen / NLR**
0.307 mi. **PRP**
1621 ft. **Site 2 of 5 in cluster S** **ECHO**
NY MANIFEST

Relative:
Higher

Actual:
12 ft.

SEMS:

Site ID:	0204261
EPA ID:	NYD068273044
Name:	BCF OIL REFINING, INC.
Address:	360 MASPETH AVENUE

BCF OIL REFINING, INC. (Continued) **1000272490**

Address 2: Not reported
City,State,Zip: BROOKLYN, NY 11211
Cong District: 12
FIPS Code: 36047
Latitude: Not reported
Longitude: Not reported
FF: N
NPL: Not on the NPL
Non NPL Status: Removal Only Site (No Site Assessment Work Needed)

SEMS Detail:

Region: 02
Site ID: 0204261
EPA ID: NYD068273044
Site Name: BCF OIL REFINING, INC.
NPL: N
FF: N
OU: 00
Action Code: RS
Action Name: RV ASSESS
SEQ: 1
Start Date: 2000-03-27 05:00:00
Finish Date: 3/29/2000 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 02
Site ID: 0204261
EPA ID: NYD068273044
Site Name: BCF OIL REFINING, INC.
NPL: N
FF: N
OU: 00
Action Code: AR
Action Name: ADMIN REC
SEQ: 1
Start Date: 2000-09-29 04:00:00
Finish Date: Not reported
Qual: V
Current Action Lead: EPA Perf

Region: 02
Site ID: 0204261
EPA ID: NYD068273044
Site Name: BCF OIL REFINING, INC.
NPL: N
FF: N
OU: 00
Action Code: RV
Action Name: RMVL
SEQ: 1
Start Date: 2000-05-25 04:00:00
Finish Date: 1/2/2001 5:00:00 AM
Qual: S
Current Action Lead: EPA Perf

Region: 02
Site ID: 0204261

BCF OIL REFINING, INC. (Continued) **1000272490**

EPA ID: NYD068273044
Site Name: BCF OIL REFINING, INC.
NPL: N
FF: N
OU: 00
Action Code: RV
Action Name: RMVL
SEQ: 2
Start Date: 2001-01-03 05:00:00
Finish Date: 10/26/2001 4:00:00 AM
Qual: S
Current Action Lead: EPA Perf

SHWS:
Name: B.C.F. OIL REFINING, INC.
Address: 360-362 MASPETH AVENUE, SOUTHSIDE
City,State,Zip: BROOKLYN, NY 11211
Program: HW
Site Code: 56747
Classification: N
Region: 2
Acres: 1.900
HW Code: 224034
Record Add: 07/14/2004
Record Upd: 04/13/2011
Updated By: JAQUINN
Site Description: "The BCF Oil site is located within an urban, industrialized area of East Williamsburg, Brooklyn. Previously existing buildings and above ground storage tanks have been removed, and the property is being used as a Marshall's impound lot. A National Grid facility borders the site on the north, Newtown Creek on the south, a city automobile impound lot on the east and a scrap metal processing facility on the west. The total area is 1.9 acres, of which 0.3 acres is land under water. The property was used as a petroleum distribution facility for many years, starting in the early 1900?s. In 1980, the terminal was modified for use as a waste oil processing facility, and was used for waste oil recycling from 1980 to 1994. Routine sampling detected PCBs in the waste oil, and operations ceased in 1994. The property is zoned M3 (manufacturing/industrial), and it is currently used to store impounded automobiles. The site consists primarily of historic fill placed upon wetlands. Groundwater exists approximately 5 to 10 feet below grade and flows both to the north and south from the site. A remedial investigation of the site has been completed. The site was managed as a single operable unit. See also NYSDEC spill #9406807"
Env Problem: "Based upon investigations conducted to date, the primary contaminant of concern at the site are those associated with petroleum. Separate phase petroleum contamination has been detected in numerous locations, although mobile product may be more limited. The site was extensively assessed for PCB contamination, but no significant levels of PCBs were detected on site. PCBs were detected in the Newtown Creek sediment, but the sediment contamination appears to be part of a larger problem and not related to releases from the site. A significant threat created by the potential for release of PCB-contaminated oil stored in dilapidated storage tank areas was eliminated by a removal action performed by the USEPA in 2000/2001."
Health Problem: Not reported

BCF OIL REFINING, INC. (Continued) **1000272490**

Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	1
Sub Type:	NNN
Owner Name:	C/O SETH D. FRIEDLAND, ESQ.
Owner Company:	NEWTON DEVELOPMENT LLC
Owner Address:	62 WILLIAM STREET
Owner Addr2:	THIRD FLOOR
Owner City,St,Zip:	NEW YORK, NY 10005
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	C01
Owner Name:	Gerald Esposito
Owner Company:	Brooklyn Community Board 1
Owner Address:	Brooklyn Community Board 1
Owner Addr2:	435 Graham Ave
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Shelly Paus
Owner Company:	Brooklyn Public Library, Leonard Branch
Owner Address:	Brooklyn Public Library, Leonard Branch
Owner Addr2:	81 Devoe St.
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

RCRA NonGen / NLR:

Date Form Received by Agency:	2007-01-01 00:00:00.0
Handler Name:	US ENVIRONMENTAL PROTECTION AGENCY
Handler Address:	C O BCF OIL REFINING SITE
Handler City,State,Zip:	BROOKLYN, NY 11211
EPA ID:	NYD068273044
Contact Name:	THOMAS P BUDROE
Contact Address:	WOODBRIDGE AVE 360-3
Contact City,State,Zip:	EDISON, NJ 08837
Contact Telephone:	732-906-6191

BCF OIL REFINING, INC. (Continued) **1000272490**

Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	WOODBRIDGE AVE 360-3
Mailing City,State,Zip:	EDISON, NJ 08837
Owner Name:	OWNERNAME
Owner Type:	Private
Operator Name:	OWNERNAME
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A

BCF OIL REFINING, INC. (Continued) **1000272490**

Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2001

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	F001
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F002
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL

BCF OIL REFINING, INC. (Continued) **1000272490**

ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: K049
Waste Description: SLOP OIL EMULSION SOLIDS FROM THE PETROLEUM REFINING INDUSTRY.

Waste Code: K051
Waste Description: API SEPARATOR SLUDGE FROM THE PETROLEUM REFINING INDUSTRY.

Waste Code: K052
Waste Description: TANK BOTTOMS (LEADED) FROM THE PETROLEUM REFINING INDUSTRY.

Waste Code: X001
Waste Description: Not Defined

Waste Code: X003
Waste Description: Not Defined

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: OWNERNAME
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: OWNERNAME
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: OWNERNAME
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212

BCF OIL REFINING, INC. (Continued) **1000272490**

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2006-01-01 00:00:00.0
Handler Name: US ENVIRONMENTAL PROTECTION AGENCY
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2007-01-01 00:00:00.0
Handler Name: US ENVIRONMENTAL PROTECTION AGENCY
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1984-11-14 00:00:00.0
Handler Name: TANKS-A-LOT INC
Federal Waste Generator Description: Not reported
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2002-02-27 00:00:00.0
Handler Name: US ENVIRONMENTAL PROTECTION AGENCY
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

BCF OIL REFINING, INC. (Continued) **1000272490**

List of NAICS Codes and Descriptions:
NAICS Code: 92411
NAICS Description: ADMINISTRATION OF AIR AND WATER RESOURCE AND SOLID WASTE MANAGEMENT PROGRAMS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

PRP:
PRP Name: BCF OIL REFINING INC
BCF OIL REFINING INC
BCF OIL REFINING INC
CARY FIELDS
CARY FIELDS
CARY FIELDS

ECHO:
Envid: 1000272490
Registry ID: 110001595854
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110001595854
Name: BCF OIL REFINING, INC.
Address: 360 MASPETH AVENUE
City,State,Zip: BROOKLYN, NY 11211

NY MANIFEST:
Name: TANKS A LOT INC
Address: C O BCF OIL REFINING SITE
City,State,Zip: BROOKLYN, NY 11211
Country: USA
EPA ID: NYD068273044
Facility Status: Not reported
Location Address 1: 360 MASPETH AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11211
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYD068273044
Mailing Name: TANKS A LOT INC
Mailing Contact: MICHAEL CALLEIA
Mailing Address 1: 2890 WOODBRIDGE AVE
Mailing Address 2: Not reported
Mailing City: EDISON
Mailing State: NJ
Mailing Zip: 08837
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 7183879710

BCF OIL REFINING, INC. (Continued) **1000272490**

NY MANIFEST:

Document ID:	NYG1885869
Manifest Status:	Not reported
seq:	01
Year:	2001
Trans1 State ID:	236049ANY
Trans2 State ID:	Not reported
Generator Ship Date:	06/04/2001
Trans1 Recv Date:	06/04/2001
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	06/05/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD068273044
Trans1 EPA ID:	PAD008781072
Trans2 EPA ID:	Not reported
TSDF ID 1:	NYD049836679
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	B007 - OTHER MISCELLANEOUS PCB WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	20267
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	DT - Dump trucks
Handling Method:	L Landfill.
Specific Gravity:	01.00

S228 **BCF, 360 MASPETH AVENUE** **NY VCP S113922054**
WSW **360 MASPETH AVENUE, SOUTHSIDE** **N/A**
1/4-1/2 **BROOKLYN, NY 11211**
0.307 mi.
1621 ft. **Site 3 of 5 in cluster S**

Relative:
Higher

Actual:
12 ft.

VCP:

Name:	BCF, 360 MASPETH AVENUE
Address:	360 MASPETH AVENUE, SOUTHSIDE
City,State,Zip:	BROOKLYN, NY 11211
Program Type:	VCP
Site Code:	56908
HW Code:	V00255

BCF, 360 MASPETH AVENUE (Continued) **S113922054**

Site Class:	N
SWIS:	2401
Region:	2
Town:	New York City
Acres:	Not reported
Date Record Added:	11/30/2000
Date Record Updated:	03/31/2009
Updated By:	BRWOLOSE
Site Description:	"See project 224034"
Env Problem:	""
Health Problem:	Not reported
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	6
Sub Type:	ZZZ
Owner Name:	Not reported
Owner Company:	B.C.F. Oil Refining, Inc.- Registere
Owner Address:	360 MASPETH AVE.
Owner Addr2:	Not reported
Owner City,St,Zip:	BROOKLYN, NY 11211
Owner Country:	United States of America
Own Op:	1
Sub Type:	ZZZ
Owner Name:	Not reported
Owner Company:	B.C.F. OIL REFINING, INC.
Owner Address:	360 MASPETH AVE.
Owner Addr2:	Not reported
Owner City,St,Zip:	BROOKLYN, NY 11211
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

T229 **AVALANCHE CONTRACTING; INC. (COTOIA)** **NY SWF/LF** **S108950342**
South **46-26 METROPOLITAN AVENUE** **N/A**
1/4-1/2 **MASPETH, NY 11378**
0.313 mi.
1654 ft. **Site 1 of 2 in cluster T**

Relative: **Higher**
Actual: **11 ft.**

SWF/LF:

Name:	AVALANCHE CONTRACTING; INC. (COTOIA)
Address:	46-26 METROPOLITAN AVENUE
City,State,Zip:	MASPETH, NY 11378
Flag:	INACTIVE
Region Code:	2
Phone Number:	7183811134
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	MARCANGELO COTOIA
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	C&D processing - registration
Activity Number:	[41W29]
Active:	No
East Coordinate:	590922
North Coordinate:	4507548
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Waste Type:	Not reported
Authorization #:	2-6305-00020
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

T230 **METRO AUTO SALVAGE** **NY SWF/LF** **S106015178**
South **4600 METROPOLITAN AVE** **NY CBS** **N/A**
1/4-1/2 **RIDGEWOOD, NY 11385** **NY AST**
0.322 mi. **NY Spills**
1698 ft. **Site 2 of 2 in cluster T** **NY SPDES**

Relative: **Higher**
Actual: **11 ft.**

SWF/LF:

Name:	CAPITAL AUTO SALVAGE & SALES INC
Address:	4600 METROPOLITAN AVE
City,State,Zip:	QUEENS, NY 11385
Flag:	INACTIVE
Region Code:	2
Phone Number:	7183819090
Owner Name:	CAPITAL AUTO SALVAGE & SALES; INC.
Owner Type:	Private
Owner Address:	4600 Metropolitan Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Ridgewood, NY 11385
Owner Email:	JAMESMACDIESEL@GMAIL.COM

METRO AUTO SALVAGE (Continued) **S106015178**

Owner Phone:	7183819090
Contact Name:	Not reported
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	Vehicle Dismantling Facility
Activity Number:	[7117789]
Active:	No
East Coordinate:	590971
North Coordinate:	4507550
Accuracy Code:	4.2 - Utilization of GIS and existing spatial data
Regulatory Status:	Not reported
Waste Type:	Not reported
Authorization #:	Not reported
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	CAPITAL AUTO SALVAGE & SALES; INC.
Operator Type:	Not reported
Laste Date:	Not reported

Name:	METRO AUTO SALVAGE & SALES INC
Address:	4600 METROPOLITAN AVE
City,State,Zip:	RIDGEWOOD, NY 11385
Flag:	INACTIVE
Region Code:	2
Phone Number:	7183819090
Owner Name:	Metro Auto Salvage & Sales Inc
Owner Type:	Private
Owner Address:	4600 Metropolitan Ave
Owner Addr2:	Not reported
Owner City,St,Zip:	Ridgewood, NY 11385
Owner Email:	Not reported
Owner Phone:	7182578584
Contact Name:	Vincent Marino
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	NY
Contact Email:	Parts@MetroAutoSalvage.com
Contact Phone:	7183819090
Activity Desc:	Vehicle Dismantling Facility
Activity Number:	[7097170]
Active:	No
East Coordinate:	590900
North Coordinate:	4507549
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Waste Type:	Not reported
Authorization #:	Not reported
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

Name:	CAPITAL AUTO SALVAGE & SALES INC

METRO AUTO SALVAGE (Continued) **S106015178**

Address:	4600 METROPOLITAN AVE
City,State,Zip:	QUEENS, NY 11385
Flag:	ACTIVE
Region Code:	2
Phone Number:	7183819090
Owner Name:	CAPITAL AUTO SALVAGE & SALES; INC.
Owner Type:	Private
Owner Address:	4600 Metropolitan Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Ridgewood, NY 11385
Owner Email:	JAMESMACDIESEL@GMAIL.COM
Owner Phone:	7183819090
Contact Name:	Not reported
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	VDF - large - registration
Activity Number:	[41V50004]
Active:	Yes
East Coordinate:	590971
North Coordinate:	4507550
Accuracy Code:	4.2 - Utilization of GIS and existing spatial data
Regulatory Status:	Registration
Waste Type:	End of Life Vehicles;Lead-acid Batteries;Mix Coolant/Engine Oil/Washing Fluid/Water;Engine Coolant/Antifreeze
Authorization #:	41V50004
Authorization Date:	11/15/2019
Expiration Date:	11/14/2024
Operator Name:	CAPITAL AUTO SALVAGE & SALES; INC.
Operator Type:	Not reported
Laste Date:	Not reported

CBS:

Name:	METRO AUTO SAVAGE & SALES, INC.
Address:	4600 METROPOLITAN AVE
City,State,Zip:	RIDGEWOOD, NY 11368
CBS Number:	2-000496
Program Type:	CBS
Facility Status:	Unregulated/Closed
Expiration Date:	Not reported
Dec Region:	2
UTMX:	Not reported
UTMY:	Not reported

AST:

Name:	METRO AUTO SAVAGE & SALES, INC.
Address:	4600 METROPOLITAN AVE
City,State,Zip:	RIDGEWOOD, NY 11368
Region:	STATE
DEC Region:	2
Site Status:	Unregulated/Closed
Facility Id:	2-000496
Program Type:	CBS
UTM X:	Not reported

METRO AUTO SALVAGE (Continued) **S106015178**

UTM Y:	Not reported
Expiration Date:	N/A
Site Type:	Other

Tank Info:

Tank Number:	01
Tank Id:	237146
Tank Location:	Aboveground - contact with impervious barrier... Tank bottom rests on impervious barrier, allowing visual indication of leaks.
Tank Type:	Plastic
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	06/10/2009
Capacity Gallons:	250
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	04/25/2011
Register:	True
Modified By:	KAKYER
Last Modified:	08/30/2011
Material Name:	Not reported

SPILLS:

Name:	METRO AUTO SALVAGE
Address:	4600 METROPOLITAN AVE
City,State,Zip:	RIDGEWOOD, NY
Spill Number/Closed Date:	0330014 / 2006-01-05
Facility ID:	0330014
Facility Type:	ER
DER Facility ID:	215176
Site ID:	263989
DEC Region:	2
Spill Cause:	Deliberate
Spill Class:	C3
SWIS:	4101
Spill Date:	2003-06-17
Investigator:	EXHAMPST
Referred To:	Not reported
Reported to Dept:	2003-06-18
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Police Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2003-06-18
Spill Record Last Update:	2006-01-05
Spiller Name:	SAME
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller Company:	001

METRO AUTO SALVAGE (Continued) **S106015178**

Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was DEMEO 12/29/05 Transferred to E. Hampston via Spill Initiative. Contaced DLE caller who reported spill seeking update on referal to other Department representatives or issuance of tickets. 1/5/05 Lt. Fitzpatrick (DLE) indicated that the site was visited in conjunction with NYPD Auto Crimes group. He returned to site with ECO and tickets were issued. Consent Order R2-20030820-221 signed on 8/21/03. Close based on implementation of Order and regulation by DSHM. "
Remarks:	"Location is a junk yard. Various unpermitted discharges of automotive waste fluids found on ground surface at above location."

All Materials:

Site ID:	263989
Operable Unit ID:	881432
Operable Unit:	01
Material ID:	496514
Material Code:	0005A
Material Name:	auto waste fluids
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

SPDES:

Name:	METRO AUTO SALVAGE
Address:	4600 METROPOLITAN AVE
City,State,Zip:	RIDGEWOOD, NY 11385
Permit Number:	NYR00E042
State-Region:	02
Expiration Date:	03/31/2012
Current Major Minor Status:	Minor
Primary Facility SIC Code:	5015
State Water Body Name:	ENGLISH KILLS
Limit Set Status Flag:	Active
Total Actual Average Flow(MGD):	Not reported
Total App Design Flow(MGD):	Not reported
UDF1:	Not reported
Lat/Long:	+40.713889 / -73.923056
DMR Cognizant Official:	Not reported
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY081

Non-Gov Permit Affiliation Type Desc:	DMR Mailing Address
Non-Gov Permit Org Formal Name:	METRO AUTO SALVAGE AND SALES INC
Non-Gov Permit Street Address:	METRO AUTO SALVAGE AND SALES INC
Non-Gov Permit Supplemental Location:	4600 METROPLOITAN AVE
Non-Gov Permit City:	RIDGEWOOD
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	11385
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	METRO AUTO SALVAGE AND SALES INC

METRO AUTO SALVAGE (Continued) **S106015178**

Non-Gov Facility Street Address:	METRO AUTO SALVAGE AND SALES INC
Non-Gov Facility Supplemental Location:	4600 METROPOLITAN AVE
Non-Gov Facility City:	RIDGEWOOD
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11385
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

Name:	METRO AUTO SALVAGE
Address:	4600 METROPOLITAN AVE
City,State,Zip:	RIDGEWOOD, NY 11385
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY081

Non-Gov Permit Affiliation Type Desc:	Permittee
Non-Gov Permit Org Formal Name:	METRO AUTO SALVAGE & SALES INC
Non-Gov Permit Street Address:	4600 METROPOLITAN AVE
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	RIDGEWOOD
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	11385
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	METRO AUTO SALVAGE AND SALES INC
Non-Gov Facility Street Address:	METRO AUTO SALVAGE AND SALES INC
Non-Gov Facility Supplemental Location:	4600 METROPOLITAN AVE
Non-Gov Facility City:	RIDGEWOOD
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11385
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

Name:	METRO AUTO SALVAGE
Address:	4600 METROPOLITAN AVE
City,State,Zip:	RIDGEWOOD, NY 11385
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY081

Non-Gov Permit Affiliation Type Desc:	Not reported
Non-Gov Permit Org Formal Name:	Not reported
Non-Gov Permit Street Address:	Not reported
Non-Gov Permit Supplemental Location:	Not reported

METRO AUTO SALVAGE (Continued) **S106015178**

Non-Gov Permit City:	Not reported
Non-Gov Permit State Code:	Not reported
Non-Gov Permit Zip Code:	Not reported
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	METRO AUTO SALVAGE AND SALES INC
Non-Gov Facility Street Address:	METRO AUTO SALVAGE AND SALES INC
Non-Gov Facility Supplemental Location:	4600 METROPOLITAN AVE
Non-Gov Facility City:	RIDGEWOOD
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11385
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

231
South
1/4-1/2
0.324 mi.
1711 ft.

COTOIA ENTERPRISES **NY SWRCY** **S105842300**
46-26 METROPOLITAN AVE. **N/A**
RIDGEWOOD, NY 0

Relative:
Higher

Actual:
9 ft.

SWRCY:

Name:	COTOIA ENTERPRISES
Address:	46-26 METROPOLITAN AVE.
City,State,Zip:	RIDGEWOOD, NY 0
Region:	2
Facility Address 2:	Not reported
Phone Number:	7183811134
Owner Type:	Not reported
Owner Name:	Marcangelo Cotoia
Owner Address:	46-26 Metropolitan Ave.
Owner Address 2:	Not reported
Owner City,St,Zip:	Ridgewood, NY 11385
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	Not reported
Contact Address:	Not reported
Contact Address 2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	RHRF - registration
Activity Number:	[00M00]
Active:	No
East Coordinate:	Not reported
North Coordinate:	Not reported
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Permit #:	2-3790-91-07
Auth. Date:	Not reported
Expiration Date:	Not reported
Waste Types:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported

COTOIA ENTERPRISES (Continued) **S105842300**

Last Date: Not reported

232
SSW
1/4-1/2
0.336 mi.
1776 ft.

SUNSHINE BISCUITS INC
1251 METROPOLITAN AVE
BROOKLYN, NY 11237

NY LTANKS **1000788133**
NY UST **N/A**

Relative:
Higher

Actual:
12 ft.

LTANKS:

Name:	1251 METROPOLITAN AVE. /
Address:	1251 METROPOLITAN AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	8607890 / 1987-03-25
Facility ID:	8607890
Site ID:	110767
Spill Date:	1987-03-24
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Not reported
Cleanup Ceased:	1987-03-25
SWIS:	2401
Investigator:	UNASSIGNED
Referred To:	Not reported
Reported to Dept:	1987-03-25
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1987-04-02
Spill Record Last Update:	2004-09-30
Spiller Name:	Not reported
Spiller Company:	SUNSHINE BISQUIT
Spiller Address:	1251 METROPOLITAN AVE.
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	96975
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was "
Remarks:	"2000 GALLONS (NO-LEAD) GASOLINE UNDERGROUND TANK SYSTEM FAILED PETRO TITE @ -.107 G/HR. POSSIBLE CAUSE EXTERNAL TEMPERATURE.CONTRACTOR ADVIS"

All TTF:

Facility ID:	8607890
Spill Number:	8607890
Spill Tank Test:	1530658
Site ID:	110767
Tank Number:	Not reported
Tank Size:	0
Material:	0009
EPA UST:	Not reported
UST:	Not reported

SUNSHINE BISCUITS INC (Continued) **1000788133**

Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	110767
Operable Unit ID:	905528
Operable Unit:	01
Material ID:	473380
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

UST:

Name:	SUNSHINE BISCUITS INC
Address:	1251 METROPOLITAN AVE
City,State,Zip:	BROOKLYN, NY 11237
Id/Status:	2-245070 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	590657.22867
UTM Y:	4507553.62098
Site Type:	Unknown

Affiliation Records:

Site Id:	9517
Affiliation Type:	Facility Owner
Company Name:	SUNSHINE BISCUITS INC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	100 WOODBRIDGE CENTER DR
Address2:	Not reported
City:	WOODBRIDGE
State:	NJ
Zip Code:	07095
Country Code:	001
Phone:	(201) 855-4000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	9517
Affiliation Type:	Mail Contact

SUNSHINE BISCUITS INC (Continued) **1000788133**

Company Name:	SUNSHINE BISCUITS INC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	100 WOODBRIDGE CENTER DR
Address2:	Not reported
City:	WOODBRIDGE
State:	NJ
Zip Code:	07095
Country Code:	001
Phone:	(201) 855-4000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	9517
Affiliation Type:	Facility Operator
Company Name:	SUNSHINE BISCUITS INC
Contact Type:	Not reported
Contact Name:	SUNSHINE BISCUITS INC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 456-1220
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	9517
Affiliation Type:	Emergency Contact
Company Name:	SUNSHINE BISCUITS INC
Contact Type:	Not reported
Contact Name:	JACQUES MICHEL EYMA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 723-4098
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	001
Tank ID:	40471
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	4000
Install Date:	12/01/1979

SUNSHINE BISCUITS INC (Continued) **1000788133**

Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

D00 - Pipe Type - No Piping
A00 - Tank Internal Protection - None
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None

Tank Number: 002
Tank ID: 40472
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 2000
Install Date: 12/01/1979
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

D00 - Pipe Type - No Piping
A00 - Tank Internal Protection - None
I04 - Overfill - Product Level Gauge (A/G)
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None

S233 **T & T SCRAP LLC** **NY SWF/LF** **S116554258**
WSW **340 MASPETH AVENUE** **NY Spills** **N/A**
1/4-1/2 **BROOKLYN, NY 11211** **NY SPDES**
0.341 mi.
1801 ft. **Site 4 of 5 in cluster S**

Relative:
Higher

Actual:
12 ft.

SWF/LF:

Name:	T N T SCRAP LLC
Address:	340 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY 11211
Flag:	ACTIVE
Region Code:	2
Phone Number:	7183664017
Owner Name:	T N T Scrap
Owner Type:	Private
Owner Address:	340 Maspeth Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Email:	Not reported
Owner Phone:	7183664017
Contact Name:	Timothy Fulton
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	info@tntscrap.com
Contact Phone:	7183664017
Activity Desc:	Vehicle Dismantling Facility
Activity Number:	[41J]
Active:	Yes
East Coordinate:	590313
North Coordinate:	4508024
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Waste Type:	Not reported
Authorization #:	Not reported
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

SPILLS:

Name:	TNT SCRAP YARD
Address:	340 MASPETH AVE
City,State,Zip:	BROOKLYN, NY 11211
Spill Number/Closed Date:	1400237 / 2014-04-24
Facility ID:	1400237
Facility Type:	ER
DER Facility ID:	448349
Site ID:	493470
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	D4
SWIS:	2401
Spill Date:	2014-04-07
Investigator:	RMPIPER
Referred To:	Not reported
Reported to Dept:	2014-04-07
CID:	Not reported

T & T SCRAP LLC (Continued) **S116554258**

Water Affected:	ENGLISH KILLS
Spill Source:	Commercial/Industrial
Spill Notifier:	Citizen
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2014-04-07
Spill Record Last Update:	2014-04-24
Spiller Name:	TNT SCRAP METAL
Spiller Company:	TNT SCRAP METAL
Spiller Address:	340 MASPETH AVE
Spiller Company:	999
Contact Name:	ANONYMOUS EMAILER
DEC Memo:	"Referred to DLE for follow up. DEC Piper spoke with DLE Iovino on 4/8. Her inspection revealed no sighs of diesel spillage, tank or sheen on water or bulkhead. Bsaed on DLE inspection and anonynous call with no additional info, this spill is closed. "
Remarks:	">>> 4/7/2014 20:18 >>> The following information was received through the DEC website Report an Environmental Violation Online or sent directly by the complainant to an OPP dispatch mailbox: Who Did It: TNT Scrap Yard on Maspeth ave Brooklyn, NY. On Newtown Creek What Occurred: There is a large amount of what looks and smells like diesel fuel flowing into the Newtown Creek from the scrap yard. It is in the rear right hand side if looking from the water. When Did It Occur: 4/7/14. Late afternoon evening. Appears to be running with storm water run off. County: Kings Municipality: Brooklyn Location Or Address: 340 Maspeth Ave How Did It Occur: It looks like their old fuel truck is leaking out diesel into the creek. Complainants Name: Complainants Phone: Complainants Email: Date of Submittal: 04/07/2014"
	Not reported

All Materials:

Site ID:	493470
Operable Unit ID:	1242974
Operable Unit:	01
Material ID:	2243575
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

SPDES:

Name:	T & T SCRAP LLC
Address:	340 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY 11211
Permit Number:	NYR00E223
State-Region:	02
Expiration Date:	09/30/2017

T & T SCRAP LLC (Continued) **S116554258**

Current Major Minor Status:	Minor
Primary Facility SIC Code:	5093
State Water Body Name:	ENGLISH KILLS
Limit Set Status Flag:	Active
Total Actual Average Flow(MGD):	Not reported
Total App Design Flow(MGD):	Not reported
UDF1:	Not reported
Lat/Long:	+40.717 / -73.929
DMR Cognizant Official:	Not reported
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY047

Non-Gov Permit Affiliation Type Desc:	DMR Mailing Address
Non-Gov Permit Org Formal Name:	T & T SCRAP LLC
Non-Gov Permit Street Address:	T & T SCRAP LLC
Non-Gov Permit Supplemental Location:	340 MASPETH AVE
Non-Gov Permit City:	BROOKLYN
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	11211
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	T & T SCRAP LLC
Non-Gov Facility Street Address:	T & T SCRAP LLC
Non-Gov Facility Supplemental Location:	340 MASPETH AVE
Non-Gov Facility City:	BROOKLYN
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11211
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

Name:	T & T SCRAP LLC
Address:	340 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY 11211
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY047

Non-Gov Permit Affiliation Type Desc:	Permittee
Non-Gov Permit Org Formal Name:	T & T SCRAP LLC
Non-Gov Permit Street Address:	340 MASPETH AVE
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	BROOKLYN
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	11211
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	T & T SCRAP LLC
Non-Gov Facility Street Address:	T & T SCRAP LLC
Non-Gov Facility Supplemental Location:	340 MASPETH AVE
Non-Gov Facility City:	BROOKLYN
Non-Gov Facility State Code:	NY

T & T SCRAP LLC (Continued) **S116554258**

Non-Gov Facility Zip Code:	11211
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported
Name:	T & T SCRAP LLC
Address:	340 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY 11211
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY047
Non-Gov Permit Affiliation Type Desc:	Not reported
Non-Gov Permit Org Formal Name:	Not reported
Non-Gov Permit Street Address:	Not reported
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	Not reported
Non-Gov Permit State Code:	Not reported
Non-Gov Permit Zip Code:	Not reported
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	T & T SCRAP LLC
Non-Gov Facility Street Address:	T & T SCRAP LLC
Non-Gov Facility Supplemental Location:	340 MASPETH AVE
Non-Gov Facility City:	BROOKLYN
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11211
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

S234 **NEW YORK RECYCLERS; INC. (MASPETH AVE)** **NY SWF/LF** **S105841915**
WSW **340 MASPETH AVENUE** **N/A**
1/4-1/2 **BROOKLYN, NY 11211**
0.341 mi.
1801 ft. **Site 5 of 5 in cluster S**

Relative: SWF/LF:
Higher

Name:	NEW YORK RECYCLERS; INC. (MASPETH AVE)
Address:	340 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY 11211
Flag:	INACTIVE
Region Code:	2
Phone Number:	7183492540
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported

Actual:
12 ft.

NEW YORK RECYCLERS; INC. (MASPETH AVE) (Continued) **S105841915**

Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	TIMOTHY FULTON
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	C&D processing - registration
Activity Number:	[24WE6]
Active:	No
East Coordinate:	590567
North Coordinate:	4508105
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Waste Type:	Concrete;Asphalt;Brick;Rock;Soil (Clean)
Authorization #:	Not reported
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

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235 **DEMOLITION TRANSFER CORP.** **NY SWF/LF** **S105841772**
SE **48-23 METOPOLITAN AVENUE** **N/A**
1/4-1/2 **MASPETH, NY 11378**
0.359 mi.
1898 ft.

Relative: **Higher**

Actual: **26 ft.**

SWF/LF:

Name:	DEMOLITION TRANSFER CORP.
Address:	48-23 METOPOLITAN AVENUE
City,State,Zip:	MASPETH, NY 11378
Flag:	INACTIVE
Region Code:	2
Phone Number:	7185658588
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	Not reported
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	C&D processing - permit
Activity Number:	[41T45]
Active:	No
East Coordinate:	591500
North Coordinate:	4507800
Accuracy Code:	Not reported
Regulatory Status:	Permit
Waste Type:	Not reported

DEMOLITION TRANSFER CORP. (Continued) **S105841772**

Authorization #:	2-6304-00004/1-0
Authorization Date:	Not reported
Expiration Date:	1/7/1996
Operator Name:	Ernest DaCosta
Operator Type:	Private
Laste Date:	Not reported

Name:	DEMOLITION TRANSFER CORP.
Address:	48-23 METOPOLITAN AVENUE
City,State,Zip:	MASPETH, NY 11378
Flag:	INACTIVE
Region Code:	2
Phone Number:	7185658588
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	Not reported
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	Transfer station - permit
Activity Number:	[41T45]
Active:	No
East Coordinate:	591500
North Coordinate:	4507800
Accuracy Code:	Not reported
Regulatory Status:	Permit
Waste Type:	Not reported
Authorization #:	2-6304-00004/1-0
Authorization Date:	Not reported
Expiration Date:	1/7/1996
Operator Name:	Ernest DaCosta
Operator Type:	Private
Laste Date:	Not reported

U236 **AMBROSINO CONSTRUCTION CORP.** **NY SWF/LF** **S105841936**
NE **57-52 49TH PLACE** **N/A**
1/4-1/2 **MASPETH, NY 11378**
0.361 mi.
1906 ft. **Site 1 of 2 in cluster U**

Relative: SWF/LF:
Higher

Actual:
14 ft.

Name:	AMBROSINO CONSTRUCTION CORP.
Address:	57-52 49TH PLACE
City,State,Zip:	MASPETH, NY 11378
Flag:	INACTIVE
Region Code:	2
Phone Number:	7183666528
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported

AMBROSINO CONSTRUCTION CORP. (Continued) **S105841936**

Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	ANTHONY AMBROSINO
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	C&D processing - registration
Activity Number:	[41W14]
Active:	No
East Coordinate:	591222
North Coordinate:	4508730
Accuracy Code:	Not reported
Regulatory Status:	Registration
Waste Type:	Sand;Rock;Metal (Structural);Wood (Clean)
Authorization #:	Not reported
Authorization Date:	11/18/1993
Expiration Date:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

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237 **MASPETH WAREHOUSE (CIRRO)** **NY LTANKS S102102757**
ENE **55-04 MASPETH AVE** **NY Spills N/A**
1/4-1/2 **MASPETH, NY**
0.366 mi.
1935 ft.

Relative:
Higher

Actual:
15 ft.

LTANKS:

Name:	MASPETH WAREHOUSE (CIRRO)
Address:	55-04 MASPETH AVE
City,State,Zip:	MASPETH, NY
Spill Number/Closed Date:	0008225 / 2004-05-11
Facility ID:	0008225
Site ID:	185868
Spill Date:	2000-10-12
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	MCTIBBE
Referred To:	Not reported
Reported to Dept:	2000-10-13
CID:	389
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	2000-10-13
Spill Record Last Update:	2004-05-11
Spiller Name:	Not reported
Spiller Company:	NYC TRANSIT

MASPETH WAREHOUSE (CIRRO) (Continued) **S102102757**

Spiller Address:	370 JAY ST
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	278314
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE Franklin had problems testing this tank. There were several small visible problems, i.e. stage one dry break gasket leak, petrometer leak, guage line leak, reducing bushing on petrometer and reducing bushing for stick line. All of these leaks were within the piping sump. All repairs were done and the piping was reattached to the tank. A complete system test passed. It does not appear that there was impact to the environment because product was not discovered in the sump and the sump tested tight below the lowest penetration."
Remarks:	"CALLER REPORTING A TANK TEST FAILURE TANK AND PIPES ARE DOUBLE WALLED NO RELEASE. NO CALLBACK NECESSARY"

All TTF:

Facility ID:	0008225
Spill Number:	0008225
Spill Tank Test:	1525934
Site ID:	185868
Tank Number:	Not reported
Tank Size:	2500
Material:	0009
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	F
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	185868
Operable Unit ID:	830596
Operable Unit:	01
Material ID:	545741
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

SPILLS:

Name:	55-04 MASPETH AVE.
Address:	55-04 MASPETH AVE.

MASPETH WAREHOUSE (CIRRO) (Continued) **S102102757**

City,State,Zip:	MASPETH, NY
Spill Number/Closed Date:	9208440 / 1992-10-23
Facility ID:	9208440
Facility Type:	ER
DER Facility ID:	117111
Site ID:	136876
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C3
SWIS:	4101
Spill Date:	1992-10-22
Investigator:	KSTANG
Referred To:	Not reported
Reported to Dept:	1992-10-22
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Tank Truck
Spill Notifier:	Responsible Party
Cleanup Ceased:	1992-10-23
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1992-10-23
Spill Record Last Update:	2004-09-30
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TANG "
Remarks:	"CONNECTION ON DELIVERY HOSE FITTING BROKE-OIL SPRAYED ONTO A CAR AND CONCRETE STREET-DRIVER APPLIED SPEEDI-DRI,SPILL TEAM ENROUTE TO P/U AND DISPOSE"

All Materials:

Site ID:	136876
Operable Unit ID:	975231
Operable Unit:	01
Material ID:	405537
Material Code:	0012A
Material Name:	kerosene
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

238
SW
1/4-1/2
0.385 mi.
2032 ft.

CONSOLIDATED CARPET
1157 GRAND ST
BROOKLYN, NY

NY LTANKS **S102619094**
N/A

Relative:
Lower

Actual:
4 ft.

LTANKS:

Name:	CONSOLIDATED CARPET
Address:	1157 GRAND ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9511303 / 2006-02-07
Facility ID:	9511303
Site ID:	193820
Spill Date:	1995-12-07
Spill Cause:	Tank Test Failure
Spill Source:	Non Major Facility > 1,100 gal
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	ADZHITOM
Referred To:	INVESTIGATION/DELINEATION
Reported to Dept:	1995-12-07
CID:	323
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1995-12-07
Spill Record Last Update:	2006-02-07
Spiller Name:	STEVEN SACCHINELLI
Spiller Company:	CONSOLIDATED CARPET
Spiller Address:	1157 GRAND ST
Spiller County:	001
Spiller Contact:	STEVEN SACCHINELLI
Spiller Phone:	(718) 456-8207
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	161550
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was ROMMEL This spill was reassigned from DEC Sigona to Rommel on January 7, On Thursday January 25, 1996, Dave Pulvermiller of MTS Environserve called A.Sigona and informed that the 550 gallon UST which failed a tank test would be removed along with two other 550 gallon gasoline USTs. They would be taking samples and doing a site assessment during the tank removal. The tanks will be registered and will submit a substantial modification application. The tanks will be removed the week of January 29, 1996, and DEC Sigona is planning to view the excavations on Tuesday January 30, 1996 at 3:30 PM. The consultant plans to sample and test using EPA method 8020. 3/10/05 - Received Phase II Investigation Report from Laurel Environmental. Re-assigned to Zhitomirsky for followup. - KST 4/25/2005 I left a message for Carla Sullivan.AZ 4/27/2005 Conversation with Carla Sullivan (Laurel Environmental). They plan to excavate contaminated soil and take post excavation samples. I requested to take groundwater samples if gorundwater is encountered. GWT is 10' below the grade. The tank was located at 1181 Grand Street.This is a

CONSOLIDATED CARPET (Continued) **S102619094**

warehouse. They will submit a report in June 2005. AZ 7-27-2005 Laurel Environmental informed DEC that they will remove contaminated soils and apply ORC into the exposed groundwater during the week of August 1, 2005. AZ 10/14/2005 I reviewed Soil Removal Report for this spill. A letter was sent to Laurel Env. with my comments. The letter stated that the following deficiencies were noticed in the report: 1. Post excavation soil samples were not taken 2. The site plan was not drawn to scale 3. Groundwater flow direction was not indicated on the plan 4. Well design diagrams were not submitted 5. Soil samples were not collected and screened during well installation. The report stated that analytical results of groundwater samples collected during this investigation indicate minor exceedances of State water quality standards in samples collected from wells MW-1and MW-2. Laurel Environmental recommended no further action with respect to the removed USTs. The Department could not approve no further action at this time. In consultation with J. Kolleeny it was decided that an additional monitoring well should be installed near the excavated area. Soil samples should be collected during well installation and analyzed in a laboratory. Groundwater at the site should be monitored and sampled again three months after the recent samples were taken. Laboratory data should be provided for all compounds analyzed by EPA Method 8021 plus MTBE, and the results compared to State guidelines. These recommendations were mailed to Laurel Env. AZ 1/17/2006 Additional investigation/delineation is pending. Field work has been done. AZ 2/7/2006 I have reviewed a report by Laurel Environmental Assosiates (LEA). The report states that LEA installed 3 one-inch groundwater monitoring wells. On December 16, 2005, LEA purged and sampled the wells. Laboratory analysis inicates that with the exception of a slight exceedance of m and p xylenes and total xylenes at 7 ppb in MW-2, the concentrations of VOCs are below NYSDEC ambient groundwater criteria. According to the report, the tank and contaminated soil have been removed and groundwater treated in-situ. Based on this information the spill is closed. This spill case was discussed with Koon Tang on 1/23/2006 and he concurred with this decision. AZ"

Remarks: "TEST METHOD NDE MODEL 1000, UNKNOWN LEAK RATE."

All TTF:

Facility ID:	9511303
Spill Number:	9511303
Spill Tank Test:	1544300
Site ID:	193820
Tank Number:	1
Tank Size:	550
Material:	0009
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

CONSOLIDATED CARPET (Continued) **S102619094**

Site ID:	193820
Operable Unit ID:	1021843
Operable Unit:	01
Material ID:	358651
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

239
SSE
1/4-1/2
0.389 mi.
2055 ft.

47-40 METROPOLITAN AVE
47-40 METROPOLITAN AVE
QUEENS, NY

NY LTANKS **S101658341**
N/A

Relative:
Higher

Actual:
18 ft.

LTANKS:

Name:	47-40 METROPOLITAN AVE
Address:	47-40 METROPOLITAN AVE
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	9502665 / 2000-07-21
Facility ID:	9502665
Site ID:	330742
Spill Date:	1995-06-01
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	1995-06-01
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1995-06-16
Spill Record Last Update:	2000-07-21
Spiller Name:	MS CAROLE LEISTMAN
Spiller Company:	CHEMICAL BANK, FIDUCIARY
Spiller Address:	270 PARK AVENUE, 20TH FL
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	266022
DEC Memo:	""
Remarks:	"ON CONCRETE FLOOR - SMALL LEAK - FAILED AIR TEST"

47-40 METROPOLITAN AVE (Continued) **S101658341**

All TTF:

Facility ID:	9502665
Spill Number:	9502665
Spill Tank Test:	1543880
Site ID:	330742
Tank Number:	Not reported
Tank Size:	0
Material:	0002
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	330742
Operable Unit ID:	1013891
Operable Unit:	01
Material ID:	367723
Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

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240 NE 1/4-1/2 0.393 mi. 2077 ft. **EMPIRE STATE CARDBOARD PAPER RECYCLING** **NY SWRCY S102559261**
3 RAILROAD PLACE **NY Spills N/A**
MASPETH, NY 11378

Relative: Higher

Actual: 13 ft.

SWRCY:

Name:	EMPIRE STATE CARDBOARD PAPER RECYCLING
Address:	3 RAILROAD PLACE
City,State,Zip:	MASPETH, NY 11378
Region:	2
Facility Address 2:	Not reported
Phone Number:	7183264175
Owner Type:	Private
Owner Name:	M. Fatima Cristina
Owner Address:	3 Railroad Place
Owner Address 2:	Not reported
Owner City,St,Zip:	Maspeth, NY 11378
Owner Email:	Not reported
Owner Phone:	7183264175
Contact Name:	Not reported
Contact Address:	Not reported
Contact Address 2:	Not reported

EMPIRE STATE CARDBOARD PAPER RECYCLING (Continued) **S102559261**

Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	RHRF - registration
Activity Number:	[41MA2]
Active:	Yes
East Coordinate:	591523
North Coordinate:	4508663
Accuracy Code:	4.3 - Utilization of Digital Orthophoto Quads
Regulatory Status:	Registration
Permit #:	41MA2
Auth. Date:	Not reported
Expiration Date:	Not reported
Waste Types:	Metals (Ferrous);Metals (Non-Ferrous);Paper/Cardboard;Commingled Paper;Plastics;Waste Tires;Source Separated Recyclables (Metal/Glass/Paper/Plastic);Container Glass
Operator Name:	Robert Cristina
Operator Type:	Private
Last Date:	Not reported

SPILLS:

Name:	NEW STYLE WASTE, INC
Address:	3 RAILROAD PLACE
City,State,Zip:	MASPETH, NY
Spill Number/Closed Date:	9613076 / 1997-02-05
Facility ID:	9613076
Facility Type:	ER
DER Facility ID:	128105
Site ID:	150684
DEC Region:	2
Spill Cause:	Housekeeping
Spill Class:	C3
SWIS:	4101
Spill Date:	1997-02-04
Investigator:	SMMARTIN
Referred To:	Not reported
Reported to Dept:	1997-02-04
CID:	351
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	DEC
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1997-02-04
Spill Record Last Update:	1997-02-06
Spiller Name:	Not reported
Spiller Company:	NEW STYLE WASTE, INC
Spiller Address:	SAME
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MARTINKAT 2/5/97 SPOKE WITH BRIAN FALVEY, SOLID WASTE 3RRPR IS OFFICE, FACILITY ON GRAND AVENUE. 2/5 VISITED SITE WITH ECO'S

EMPIRE STATE CARDBOARD PAPER RECYCLING (Continued) **S102559261**

Remarks: WILLIAMS & FRITZ AREA AROUND TANK CLEAN. HAD BEEN RAINING STEADILY OVERNIGHT... REGISTRATION REQUIRED FOR WASTE OIL TANK." "WORKERS IN THE FACILTY WERE TRANSFERRING WASTE OIL + ANTI-FREEZE INTO A WASTE OIL TANK + WAS SPILLING OIL + ANTI-FREEZE ONTO THE GROUND + FLOWING INTO A CATCH BASIN - SPILL FAXED FROM REGION 2 ON 02/04/97"

All Materials:

Site ID:	150684
Operable Unit ID:	1044617
Operable Unit:	01
Material ID:	341726
Material Code:	0043A
Material Name:	antifreeze
Case No.:	Not reported
Material FA:	Other
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Site ID:	150684
Operable Unit ID:	1044617
Operable Unit:	01
Material ID:	341725
Material Code:	0022
Material Name:	waste oil/used oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

---

241 NNE 1/4-1/2 0.394 mi. 2081 ft. **CLOSED-LACKOF RECENT INFO** **NY LTANKS** **S100145198**
56071 49TH STREET **N/A**
NEW YORK CITY, NY

Relative: Higher

Actual: 18 ft.

LTANKS:

Name:	CLOSED-LACKOF RECENT INFO
Address:	56071 49TH STREET
City,State,Zip:	NEW YORK CITY, NY
Spill Number/Closed Date:	8804417 / 2003-03-05
Facility ID:	8804417
Site ID:	108870
Spill Date:	1988-08-19
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	ADMIN. CLOSED
Referred To:	Not reported
Reported to Dept:	1988-08-19
CID:	Not reported

CLOSED-LACKOF RECENT INFO (Continued) **S100145198**

Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1988-08-22
Spill Record Last Update:	2003-03-19
Spiller Name:	Not reported
Spiller Company:	MANHATTAN BRASS
Spiller Address:	56-71 49TH STREET
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	95662
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was ADMIN.CLOSED 03/05/2003- Closed Due To The Nature / Extent Of The Spill Report"
Remarks:	"3K TANK, PRODUCT WOULDN'T STABILIZE, UNCOVER TANK AND INVESTIGATE. CLOSED DUE TO LACK OF ANY RECENT INFO- DOES NOT MEET ANY CLEAN UP REQUIREMENTS."

All TTF:

Facility ID:	8804417
Spill Number:	8804417
Spill Tank Test:	1534491
Site ID:	108870
Tank Number:	Not reported
Tank Size:	0
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	108870
Operable Unit ID:	919397
Operable Unit:	01
Material ID:	456360
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	L
Recovered:	.00
Oxygenate:	Not reported

U242 **EVANS CONTAINER CORP.** **NY SWF/LF** **S105841774**
NE **1880 19 AVENUE** **N/A**
1/4-1/2 **WOODSIDE, NY 11105**
0.398 mi.
2104 ft. **Site 2 of 2 in cluster U**

Relative:
Higher

Actual:
13 ft.

SWF/LF:

Name:	EVANS CONTAINER CORP.
Address:	1880 19 AVENUE
City,State,Zip:	WOODSIDE, NY 11105
Flag:	INACTIVE
Region Code:	2
Phone Number:	7189370707
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	PETER EVANGELISTA
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	Transfer station - permit
Activity Number:	[41T34]
Active:	No
East Coordinate:	591500
North Coordinate:	4508700
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Waste Type:	Not reported
Authorization #:	2-6304-00150
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

V243 **BASIN HAULAGE INC. 58-94 54TH STREET** **NY SWRCY** **S109580349**
ESE **58-94 54TH STREET** **N/A**
1/4-1/2 **MASPETH, NY 11378**
0.403 mi.
2130 ft. **Site 1 of 3 in cluster V**

Relative:
Higher

Actual:
25 ft.

SWRCY:

Name:	BASIN HAULAGE INC. [58-94 54TH STREET]
Address:	58-94 54TH STREET
City,State,Zip:	MASPETH, NY 11378
Region:	2
Facility Address 2:	Not reported
Phone Number:	7183666513
Owner Type:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported

BASIN HAULAGE INC. 58-94 54TH STREET (Continued) **S109580349**

Owner Phone:	Not reported
Contact Name:	STEVEN SPALLINO
Contact Address:	Not reported
Contact Address 2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	RHRF - registration
Activity Number:	[41MA1]
Active:	No
East Coordinate:	Not reported
North Coordinate:	Not reported
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Permit #:	Not reported
Auth. Date:	Not reported
Expiration Date:	Not reported
Waste Types:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Last Date:	Not reported

V244 **QUEENS WEST 05/05A DOS -DDC** **NY LTANKS** **S101658482**
ESE **58-74 54TH STREET** **NY Spills** **N/A**
1/4-1/2 **QUEENS, NY**
0.408 mi.
2152 ft. **Site 2 of 3 in cluster V**

Relative: **Higher**

Actual: **25 ft.**

LTANKS:

Name:	QUEENS WEST 05/05A DOS -DDC
Address:	58-74 54TH STREET
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	9506719 / 2003-10-31
Facility ID:	9506719
Site ID:	274136
Spill Date:	1995-08-31
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	JMKRIMGO
Referred To:	Not reported
Reported to Dept:	1995-08-31
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1995-09-29
Spill Record Last Update:	2004-12-21
Spiller Name:	Not reported
Spiller Company:	NYC DEPT OF SANITATION
Spiller Address:	Not reported
Spiller County:	999

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Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	222968
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was KRIMGOLD SITE INVESTIGATION AT 58-70 AND 58-74 54TH STREET INDICATES CONTAMINATION BY GASOLINE COMPOUNDS IN SOIL AND GROUNDWATER."
Remarks:	"CALLER REMOVING TANKS FROM SITE FOUND HOLES IN TANKS. Same as spill # 9006042"

All Materials:

Site ID:	274136
Operable Unit ID:	1017448
Operable Unit:	01
Material ID:	364679
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

SPILLS:

Name:	QUEENS WEST 05/05A DOS -DDC
Address:	58-74 54TH STREET
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	9006042 / Not Reported
Facility ID:	9006042
Facility Type:	ER
DER Facility ID:	222968
Site ID:	274135
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	B3
SWIS:	4101
Spill Date:	1990-08-31
Investigator:	AXDORONO
Referred To:	SA REPORT (08/06/2020) REVIEWED
Reported to Dept:	1990-08-31
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	5
Date Entered In Computer:	1990-09-04
Spill Record Last Update:	2020-10-23
Spiller Name:	Not reported
Spiller Company:	NYCDOS

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Spiller Address: Not reported
Spiller Company: 999
Contact Name: Not reported
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was KOLLEENY 1996- SUBSURFACE INVESTIGATION OF THIS SITE AND NEIGHBORING SITE(58-74 54TH STREET) DISCOVERED VOCs SVOCs AND LEAD IN SOILS AND VOCs SVOCs, LEAD AND PCE IN GROUNDWATER. THERE WILL BE ADDITIONAL INVESTIGATIONS MADE. TRANSFERRED FROM Y.KRIMGOLD TO KOLLEENY TO I. ISLAM. 4/19/05- The site is under remediation by LiRo Engineers.Reviewed January/05 monthly monitoring report. SVE system is in operation in West 5 area and ORC injected twice in both West 5&5A area.Semiannual soil monitoring, quarterly groundwater monitoring and monthly SVE system performance monitoring to continue. - II. 6/3/05- Reviewed quarterly monitoring report (Dec/04-Feb/05) and approved proposal for advancing three soil borings in West 5 area. GW samplings data from this area still show high level of contamination. If this round of soil sampling results persist in high level contamination in vadose zone soil, it has been strongly recommended to make another application of ORC in that area to treat both soil and GW as the last application was done long time ago, in Jan-Feb/2003. Installed the monitoring report in the eDoc Folder.- II 6/10/05- Reviewed Mar./05 monthly monitoring report for SVE system operation in West 5 area.Vacuum data for two wells (EW-2 & 3) were not available due to inaccessibility to the building. LiRo is informed that it is not an acceptable excuse. Henceforth, LiRo is advised to report to NYSDEC on quarterly basis.- II 7/7/05- Reviewed the Mar.-Apr./05 monitoring report. Approval is given to LiRo's proposal for advancing 3 soil borings LBR-12,13 & 14) in West 5 portion of the site. LiRo's recommendations for installing ORC sock at well MW-8 (West 5A portion of the site)to address persisting contaminant concentrations and continued operation of the SVE system (West 5 area)are also approved. LiRo is advised to include sampling MW-10, 13 and 14R which have the history of high contaminant concentrations.Installed the monitoring report in eDoc Folder.- II 10/31/05- Reviewed the June-August/05 monitoring report, dt. Sept 29/05. The VOC concentration that have been collected by the SVE system shows a steady decreasing trend. The approved three soil borings and samplings (LBR-12 through LBR-14) are scheduled for October/05.In West 5A area, GW sampling results reveal persistent contamination (around 1000ppb) in well MW-8. Wells MW-7,10,11 and 19 were non-detect.MW-13 has not been sampled due to unknown reason even though it was advised earlier to sample this well. In West 5 area, contaminant levels in GW still are in exceedances, but at low level. However, LiRo is now scheduling the installation of ORC sock at MW-8 in West 5A area to address persisteting contaminant concentrations at that location. SVE system operation and monitoring will continue on a monthly basis. Filed this report in the eDoc folder.- II 02/08/06: Reviewed the Quarterly Monitoring Report for the period September to November 2005 and E-mail to DDC. This report was submitted on January 3, 2006 by LiRo Engineers, Inc. Based on recent system performance data, LiRo recommends shutting down the on-site soil vapor extraction (SVE) system. The request to shut down the SVE system is approved on a temporary basis. When management of the site is transferred to Greyhawk, they should collect a new round of groundwater samples. Based on the results, they should submit a remedial proposal to address any remaining contamination. Filed this report in the eDoc folder.- QA 08/18/06: This spill transferred to SK. 10/27/06 Spill

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case transferred from S. Kraszewski to J. Maisonave. - JAM 1/19/07 Reviewed quarterly monitoring report for period July through September 2006, dated November 10, 2006, and submitted by Roux. On July 17 and 18, 2006, 9 out of 17 monitoring wells were sampled. Results ranged from non-detect to 8,100ppb total VOCs and 1,800 total SVOCs in well MW-02R. The SVE system continues to run but appears to have reached asymptotic conditions. - JAM 6/29/07 Roux submitted a request to reduce groundwater monitoring from quarterly to semi-annually at five sites including this one. I sent an email approval today. - JAM 9/26/07 Reviewed quarterly monitoring report for period October through December 2006, dated March 15, 2007 and submitted by Roux. On October 12, 2006, 11 out of 17 wells were sampled. Results ranged from non-detect to 4,242 total VOCs and 910 total SVOCs in MW-02R. The SVE system is still active and has reached asymptotic conditions. Included in the appendix of this report is a Confirmatory Soil Sampling Work Plan. In the quarterly report, Greyhawk/Roux recommend the following: 1) Conduct confirmatory soil sampling as per the Work Plan included in Appendix C; 2) Reduce the frequency of groundwater monitoring (gauging and sampling) from quarterly to semi-annually; 3) Remove monitoring wells MW-01, MW-07, MW-11, MW-15 and MW-19 from the sampling program since neither VOCs nor SVOCs were detected in these wells for at least 2 consecutive sampling rounds; 4) Remove SVOCs from the sampling program; 5) Install ORC socks in MW-02R, MW-05 and MW-10; I sent an email stating, The Department approves the recommendations 1, 3, 4, and 5. Recommendation 2 was already approved on June 29, 2007. The proposed soil borings should be advanced as close as possible to previous soil borings. For example, proposed boring RXSB-01 should be advanced near boring SB-30. - JAM 9/28/07 Reviewed Semi-annual O&M and Monitoring Report submitted by Roux and dated Sept. 28, 2007. SVE system continues to run but has reached asymptotic conditions. Influent and effluent sample results both returned below detection. Groundwater sampling in May 2007 showed the highest contamination in wells MW-2R, MW-8 and MW-10. Confirmatory soil sampling has not yet occurred. Report uploaded to eDocs. - JAM 3/28/08 Received a call from Chris Wenczel at ERM. His client (Steal Industries?) is the current owner of the site. He informed me that DEC PBS staff are visiting the site next week to inspect two tanks that are inactive but not closed. He said they would like to close the tanks but contamination from this spill may be detected and not from these tanks. That would have to be proven. He will get back to me after the inspection next week. - JAM 6/5/08 Received a call from Chris Wenczel at ERM notifying me that spill # 0800657 was opened when the 1080-gal UST failed a tightness test. The new spill case was assigned to me. Mr Wenczel said the tanks will be closed in the near future and he will notift me. - JAM 6/10/08 Conference call with Chris Wenczel at ERM and Manford Bohms at Berry Bridge Co. They want to close the two USTs located on their site. A consent order requires closure within 90 days. The tanks are beneath a structural slab at least 16inches thick with 3/4inch rebar. They suggested closing the tanks in place. I requested that soil borings be advanced around the tank and groundwater samples be collected as well. They will submit a letter work plan for my approval. (Ref spill #0800657) - JAM 6/20/08 **Duplicate entry to spill No. 0800657** Spoke to Chris Wenczel about the Investigation Work Plan, which was submitted as a letter on 6/19/08. They will do pre-closure sampling to characterize soil conditions beneathe the tank. The work plan proposes advancing 4 soil borings around the tank

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to a depth of approx 10' (above the water table) and collecting one soil sample from each. A fifth boring will be advanced downgradient to collect a groundwater grab sample (no soil sample). Work Plan uploaded to eDocs. I called Mr. Wenczel and requested that all borings be advanced below the water table. Two soil samples be collected from each boring (one from the interval with the highest PID reading and another from directly above the water table) and two groundwater grab samples be collected (one from the downgradient boring and another from the tank boring with the highest PID reading in the soil). I also requested that an additional boring be advanced near the fill port and soil and grab samples collected from there as well. - JAM 7/11/08 I sent an email approval to ERM for the Revised Investigation Work Plan. Please see spill No. 0800657 DEC Remarks. The Work Plan and the email approval are uploaded in eDocs under that spill number. - JAM 10/23/08 **Duplicate entry to spill No. 0800657** Reviewed the Underground Storage Tank Pre-Closure Investigation submitted by ERM and dated Oct. 7, 2008. The Investigation was performed on August 5-6, 2008 and consisted of installing a total of six soil borings. Two soil samples were collected from each boring and four groundwater samples were collected, one from existing monitoring well MW-5 and one from soil borings SB-01, SB-02 and SB-03. All soil sample results were returned non-detect for VOCs. Some SVOCs were observed with some exceedences in SB-01. The groundwater samples were returned with detections of total VOCs at 121ppb and 7755ppb in MW-05 and SB-03, respectively. Samples from SB-01 and SB-02 were ND and 12ppb, respectively. ERM and Berry Bridge Co. would like to close the two USTs in place because of a structural floor slab that is approx. 16in thick with reinforced concrete. Conclusion: Based on this data and groundwater data from Roux, there are two separate groundwater plumes at the site at the Queens W5 portion and at the Queens W5A portion of the site. No soil contamination was detected around the tanks however, soil beneath the tanks may be contaminated and may act as a source of contamination. At a minimum a remedial plan that addresses contaminated groundwater at both portions of the site should be proposed. I spoke with Chris Wenczel at ERM and Brian Morrissey at Roux today. I recommended that the tanks be removed if possible to see if underlying soil is contaminated. If so it can be removed. Mr. Wenczel believes Berry Bridge will close the tanks in-place due to the structural slab. I recommended to Mr. Morrissey that Greyhawk/Roux secure access to the site, conduct the confirmatory soil investigation approved by DEC in Sept. 2007 (see spill no. 9006042), and propose a groundwater remedy. - JAM 11/06/08 **Duplicate entry to spill No. 0800657** Had a conference call with Jon Kolleeny, Chris Wenscel from ERM, and two representatives from Berry Bridge. Corp, Kevin Lumpe and Manford Bohms. They will submit to the PBS Unit a request for extension to the compliance schedule so we can evaluate if removing the tanks is feasible. - JAM 11/7/08 Issued email to DDC and Roux/Greyhawk. I requested that the DDC and Greyhawk/Roux evaluate removing the two USTs as soon as possible. If removal is not feasible, then the tanks will be closed in place by ERM. The DDC must then propose an alternative remedial plan to address groundwater contamination adjacent to and down-gradient of the USTs. I also reminded DDC and its consultants that semi-annual groundwater sampling has not been conducted for the last 3 monitoring events and that the confirmatory soil sampling was not conducted. It is the DDC's and its consultants' responsibility to meet all of Berry Bridge's insurance requirements

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to gain access to the site. The site access issue should be worked out with Berry Bridge as soon as possible. Email uploaded to eDocs. - JAM 3/20/09 **Duplicate entry to spill No. 0800657** Berry Bridge began in-place closure activities for the 2 USTs on 3/19/09. I visited the site today to witness the tank closure. The tops of both tanks were exposed and the contractor will shore the excavation prior to opening the tanks. The bottom of the tanks will also be opened and if possible, a soil sample will be collected (tank bottoms might be below the water table which is around 11feet). Fieldwork will continue next week. - JAM 3/23/09 **Duplicate entry to spill No. 0800657** Visited site today to observe closure activities on the two USTs. The tops were cut open so that the crew could enter and clean the tanks. Each tank was a double-walled steel tank with a third wall of fiberglass on the outer steel wall. The diesel tank was found to be smaller than what ERM stated in the Pre-closure Investigation Summary Report . The diesel tank is about 1,000-gallons and while it was being cleaned, water was entering from a seam on the bottom of the tank. It is not known if the water was coming from in between the two steel walls or if the groundwater was coming through both walls. I called Chris Wenczel at ERM to discuss further. Since the tank invert is at the water table, they may not be able to collect a soil sample from directly beneath the tank. - JAM 3/24/09 **Duplicate entry to spill No. 0800657** Visited the site today. Water that was found entering the bottom of the diesel tank, was just water trapped beneath a steal reinforcement sheet. Once the steel sheet was removed, the remaining water was vacuumed out and did not reenter from the bottom of the tank. The bottom of both tanks did not have any holes or corrosion. Each tank was backfilled today with clean sand and the the concrete floor will be patched up tomorrow. A tank closure report will be submitted by ERM. - JAM 8/24/09 **Duplicate entry to spill No. 0800657** Reviewed the Underground Storage Tank Closure Report submitted by ERM dated May 22, 2009. On March 19-25, 2009, two USTs; one 1,080-gallon gasoline UST and one 2,000-gallon diesel UST, were closed in place. The tanks were emptied, cleaned and inspected prior to being backfilled, and were found to be in good condition. Both tanks were double-walled steel with a fiberglass outer shell. Prior to in-place closure, ERM performed an investigation around the tanks to determine if there was a release. Six soil borings were advanced to a depth of 15 feet. Groundwater was encountered at 11.5-13 feet. Eleven soil samples were collected and no VOCs were detected in any of the samples. SVOCs were detected in all the soil samples with only minor exceedences of SCOs. Petroleum related VOCs were deteced in all groundwater samples with one or more coupounds present at concentrations exceeding their respective GWQS&GV in samples MW-05, SB-2 and SV-3. No VOCs were detected at concentrations exceeding GWQS in sample SB-01. No SVOCs were detected at concentrations above their GWQSs in samples MW-05, SB-01 and SB-02. Only Napthalene was detected in sample SB-03 which exceeded its respective GWQS. ERM concludes that a release never occured from these tanks. A tightness test perfromed before the pre-closure investigation and the closure activities and the 1,080-gallon gasoline UST failed. ERM concludes that the integrity of the tank system was compromised after the tanks were removed from use and while the tanks were inactive for the past 13 years. The groundwater contamination observed is related to the historic UST release being addressed by the DDC and these tanks did not contribute to the groundwater plume. The Underground Storage Tank Closure Report is

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uploaded to eDocs. Since contamination was not observed in the soil column and the tanks were observed in good condtion, this spill case will be closed. A Spill Case Closure letter for spill No. 0800657 (associated with this site), was issued today to Manfred Bohms at Steel Equities. Spill Closure letter uploaded to eDocs. - JAM 11/05/2010: This spill case was transferred to A. Doronova. - AD There is no recent reports in the file. AD 03/03/2011: Had a meeting with DDC and LiRo. Requested to submit site status update info. AD 03/28/2011: Received a Site Turn-Over Status report and Semi-Annual Monitoring Report. DL to eDocs. Will review. AD 05/19/2011: Reviewed the report. It states that in February 2010, NYCDDC replaced Greyhawk/Roux with LiRo Engineers, Inc. (LiRo) to serve as CM for the site. On March 25, 2010, LiRo conducted a site reconnaissance, well inspection and a round of water level gauging of site monitoring wells. Groundwater monitoring wells were gauged and the condition of each well was noted. No free-phase product was noted in any of the wells. The SVE system and ORC injections have been effective in reducing VOC concentrations in soil and groundwater, respectively. The site is currently on a semi-annual groundwater monitoring and sampling program. In October 2010, LiRo implemented the previously approved additional investigation work plan to determine current soil conditions. Additionally, routine semi-annual groundwater sampling was conducted on September 2 and 3, 2010. Groundwater beneath the site occurs under water-table conditions at nine to fifteen feet below ground surface within the unconsolidated glacial till soils. Groundwater flow beneath the site is generally in a northwesterly direction. LiRo implemented the approved ASIWP (with modifications) on October 6 through October 15, 2010. A total of 6 soil borings were installed. A total of 9 soil samples were submitted for STARS list VOC and SVOC analysis and compared to TAGM #4046 RSCOs and CP-51 SCLs. VOCs were detected at concentrations above TAGM #4046 RSCOs and CP-51 SCLs in two samples, RXSB-03 (24 to 25 ft bgs) and RXSB-01 (5 to 7 ft bgs). The 24-25 ftbgs sample collected from RXSB-03 was collected approximately 15 feet below the water table. Total VOC concentrations ranged from 109 ug/kg at RXSB-03 (6 to 7 ft bgs) to 198,030 ug/kg at RXSB-03 (24 to 25 feet bgs). Sample RXSB-01 (5 to 7 ft bgs) slightly exceeded the CP-51 SCL for xylene. Naphthalene was the only SVOC detected in any soil sample and was observed at concentrations below both soil criteria. A sample from the 24 to 25 ft depth at boring location RXSB-03 reported naphthalene at a concentration of 2,000 ug/kg. Wells MW-05, MW-08, MW-09, MW-10, MW-14R, and MW-16 were sampled during the September 2010 event. Groundwater was observed between 8.78 and 11.62 ft bgs. None of the wells gauged contained free-phase product. A groundwater contour map indicated general groundwater flow direction to the north. Total VOC concentrations ranged from 3.2 micrograms per liter in well MW-09 to 1,751ug/L in well MW-08. Three of the six wells sampled reported one or more VOCs at concentrations above standards. AD 04/05/2012: Received semi-annual report for monitoring period January 2011 - December 2011. DL the report to eDocs. Will review. AD 05/01/2012: Reviewed the report. It states that LiRo visited the site in September 2011 and December 2011/January 2012 for groundwater sampling and well gauging. Wells MW-01, MW-02R, and MW-13, which have not been sampled since May 2007, were sampled during both monitoring events in 2011. The wells were not sampled since May 2007 because attempts to access the property through the facility owner and sub-tenant were unsuccessful. September 2011: 10 wells: MW-01,

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MW-02R, MW-03, MW-05, MW-08, MW-09, MW-10, MW-13, MW-14R, and MW-16 were sampled during the September 2011 event. Groundwater was observed between 10.16 and 13.02 ft bgs. None of the wells gauged contained freephase product. A general groundwater flow direction is to the north. ORC socks were installed in 3 monitoring wells: MW-02R, MW-08, MW-10 during the September 2011 monitoring event. Detected TVOCs ranged from 3ug/L in well MW-09 to 21,010ug/L in well MW-02R. Six of the 10 wells sampled, LMW-01, MW-02R, MW-03, MW-08, MW-10, and MW-16, reported one or more VOCs at concentrations above 1.1.1 Ambient Water Quality Standards and Guidance Values. The highest TVOCs during the September 2011 sampling event was in well MW-02R (21,010ug/L) located in the southern portion of the site. This number represents an order of magnitude increase compared to historical groundwater analytical data. Well MW-08, located on the northern portion of the site, reported the second highest total VOC concentration (1960 ug/L) during the September 2011 sampling event. December2011 / January 2012: 10 wells: MW-01, MW-02R, MW-03, MW-05, MW-08, MW-09, MW-10, MW-13, MW-14R, and MW-16 were sampled during the December 2011/January 2012 event. Groundwater was observed between 10.93 and 14.70 ft bgs. None of the wells gauged contained free-phase product. A general groundwater flow direction is to the north. TVOCs ranged from 1 ug/L in wells MW-13 and MW-14R to 16,797ug/L in well MW-02R. Five of the 10 wells sampled reported one or more VOCs at concentrations above standards. Similar to the September 2011 results, the highest TVOC was reported during the December 2011/January 2012 sampling event in well MW-02R (16,797ug/L). This is a decrease from September 2011 event (21,010ug/L). The second highest total VOC concentration (2,117 ug/L) was reported at well location MW-08, which is an increase from last sampling in September 2012 (1960 ug/L). LiRo states that the results of the groundwater sampling completed on September 2011 and December 2011/January 2012, show that there is groundwater contamination in the northern area of the Site. The 2011/2012 sampling results at well MW-02R show increased VOC concentrations compared to historical results. LiRo will: - Conduct EFR at well locations MW-02R and MW-08 using a vacuum truck in an attempt to extract the recalcitrant on-going source of groundwater contamination. - Continue semi-annual sampling and gauging. Groundwater samples will continue to be analyzed for VOCs, MTBE, and naphthalene. - Changing (per manufacturer s recommendations) and maintaining ORC socks in wells MW-02R, MW-08, and MW-10. - Continue monitored natural attenuation for residua soil and groundwater contamination. There are no proposals at this time requiring NYSDEC approval. AD 11/19/2012: Received semi-annual report for monitoring period January 2012 - June 2012. DL the report to eDocs. Will review. AD 12/07/2012: Reviewed the report. It states that LiRo visited the site on May 14-15, 2012. Wells were sampled for STARS list VOCs, MTBE, and napthalene. 10 wells: MW-01, MW-02R, MW-03, MW-05, MW-08, MW-09, MW-10, MW-13, MW-14R, and MW-16 were sampled during the May 2012 event. None of the wells gauged contained free-phase product. A general groundwater flow direction is to the north. The ORC socks were replaced in wells MW-02R, MW-08, and MW-10 during the May 2012 sampling event. Six of the ten wells sampled, MW-01, MW-02R, MW-03, MW-05, MW-08, and MW-10 reported one or more VOCs at concentrations above AWQSGV s. Detected total VOCs ranged from 2 ug/L in wells MW-09 and MW-13 to 15,201 ug/L in well MW-02R. The highest total VOCs (15,201 ug/L) was detected in well MW-02R located in the southern portion of the site. The VOCs in MW-02R have decreased over the last

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two sampling events. Well MW-08, located in the northern portion of the site, reported the second highest total VOC concentration (2,464 ug/L). Based on the data LiRo concludes the following: - The results of the groundwater sampling completed in May 2012 indicate that there is VOC impacted groundwater contamination present beneath the building; - Significant groundwater contamination is limited to two wells, MW-02R located by a former 4,000-gallon diesel fuel tank in the southern portion of the Site, and well MW-08 near a two former 550-gallon tanks located in the northern portion of the site; - Peripheral well data indicate that there is no significant off-site migration. The site is privately owned and actively leased. Based on the property status and depth to residual soil contamination excavation and SVE are feasible. Any action will require owner cooperation and therefore LiRo is proposing a minimally intrusive approach to address the residual contamination. " Conduct EFR at well locations MW-02R and MW-08 monthly for a period of three months using a vacuum truck in an attempt to extract the recalcitrant on-going source of groundwater contamination. Implementation is contingent upon building owner cooperation. " Continue semi-annual sampling and gauging. Groundwater samples will continue to be analyzed for VOCs, MTBE, and naphthalene. " Changing (per manufacturer s recommendations) and maintaining ORC socks in wells MW-02R, MW-08, and MW-10. " Continue monitored natural attenuation for residual soil and groundwater contamination. There are no proposals at this time requiring NYSDEC approval. AD 04/05/2013: Received a Semi-Annual Monitoring Report for period of July 2012 - January 2013. Dl to eDocs. Will review. AD 05/23/2013: Reviewed the report. It states that the site is currently on a semi-annual gauging and sampling program. This report summarizes the results of the semi-annual routine groundwater sampling and gauging which occurred on January 21 & 28, 2013. Wells MW-2R, MW-05, MW-08, MW-09, MW-10, MW-14R, and MW-16 were sampled during the January 2013 event. Wells that could not be sampled because they were inaccessible were MW-01, MW-03, and MW-13. None of the wells gauged contained free-phase product. General groundwater flow direction is to the north. Five of the seven wells sampled, MW-02R, MW-05, MW-08, MW-09 and MW-10 reported one or more VOCs at concentrations above AWQSGV s. Detected total VOCs ranged from 5 ug/L in wells MW-05 to 20,789 ug/L in well MW-02R. The groundwater monitoring location reporting the highest total VOCs (20,789 ug/L) during the January 2013 sampling event was well MW-02R located in the southern portion of the Site. The VOC concentrations at MW-02R increased compared to the previous sampling event in May 2012. Well MW-10, located in the northern portion of the Site, reported the second highest total VOC concentration (2,464 ug/L) during the May 2012 sampling event. GW data(ppb)- January 28, 2013 - May 2012: 1. MW-02R - 20,789 15,201 ; 2. MW-05 - ND 21; 3. MW-08 - 258 2,464; 4. MW-09 - 64 ND; 5. MW-10 - 274 144; 6. MW-14R - ND ND; 7. MW-16 - ND ND. The EFR events during this monitoring period were completed on September 20, 2012, October 23, 2012, December 14, 2012, and January 16, 2013. The EFR logs for the four events are provided in Attachment 3. A combined total of approximately 326 gallons of total fluids were removed from the two wells during the four EFR events. VOCs at wells MW-02R and MW-08 after the EFR events are essentially stable compared to pre-EFR concentrations. Continued routine EFR with increased monitoring to better evaluate it s effectiveness is warranted. LiRo concludes that: - The results of the groundwater sampling completed in January 2013 indicate that there is

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VOC impacted groundwater contamination present beneath the building. - Significant groundwater contamination is limited to two wells, MW-02R located by a former 4,000-gallon diesel fuel tank in the southern portion of the Site, and well MW-08 near two former 550-gallon tanks located in the northern portion of the Site. - Peripheral well data indicate that there is no significant off-site migration. - Past soil data shows that petroleum contaminated soils remain on the site at depths below the water table. This deep soil contamination is the likely source of residual groundwater contamination. - EFR at well locations MW-02R and MW-08 should continue in an attempt to stabilize and in time mitigate groundwater contamination at these former tank locations. To better evaluate the effectiveness of EFR, increased monitoring at these well locations should be completed. LiRo will proceed with implementing the following actions at the site: - Conduct EFR at well locations MW-02R and MW-08 using a vacuum truck in an attempt to extract recalcitrant groundwater contamination. - Continue semi-annual sampling and gauging. Groundwater samples will continue to be analyzed for VOCs, MTBE, and naphthalene. - Sample EFR wells MW-02R and MW-08 quarterly while EFR is ongoing. - Changing (per manufacturer s recommendations) and maintaining ORC socks in wells MW-02R, MW-08, and MW-10. - Continue monitored natural attenuation for residual soil and groundwater contamination. There are no proposals at this time requiring NYSDEC approval. AD 11/18/2013: Received a Semi-Annual Monitoring Report for period of February to August 2013. Dl to eDocs. Will review. AD 12/05/2013: Reviewed the report. It states that the site is currently on a semi-annual gauging and sampling program. This report summarizes the results of the semi-annual routine groundwater sampling and gauging which occurred on July 23, 2013. ORC sock replacement was completed on May 16, 2013. Routine semi-annual groundwater gauging was completed on July 23, 2013. Groundwater was gauged between 10.25 and 13.28 feet below top of casing [10.50 to 12.64 ft above mean sea level (AMSL)]. No free phase product was detected in any of the accessible monitoring wells. Groundwater elevation contours indicate an interpreted general groundwater flow direction to the northwest. LiRo currently maintains ORC socks in wells MW-02R, MW-08, and MW-10. The ORC socks were replaced during the May 16, 2013 gauging event. Routine groundwater sampling was completed by LiRo on July 23, 2013. Wells were sampled for NYSDEC CP-51 list VOCs, MTBE, and napthalene. Wells MW-05, MW-08, MW-09, MW-10, MW-14R, and MW-16 were sampled during the July 2013 event. Wells that could not be sampled because they were inaccessible were MW-01, MW-02R, MW-03, and MW-13. None of the wells gauged contained free-phase product. Two of the six wells sampled, MW-08 and MW-10, reported one or more VOCs at concentrations above AWQSGV s. Detected total VOCS ranged from 4 ug/L in well MW-09 to 1,125 ug/L in well MW-10. This is the highest TVOCs reported at this location since monitoring began. Well MW-02R, which has historically reported the highest TVOCs, was inaccessible during the July 2013 sampling event. TVOC concentrations decreased for the second consecutive sampling event at well MW-08 declining from 2,464 ug/L in May 2012 to 54 ug/L in July 2013. EFR: EFR at wells MW-02R and MW-08 began in September 2012. The EFR events during this monitoring period were completed on February 19, 2013, April 15, 2013, and May 6, 2013. A combined total of approximately 321 gallons of total fluids were removed from the two wells during the four EFR events. VOCs at well MW-02R after the EFR events is essentially stable compared to pre-EFR concentrations

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while decreasing TVOC concentrations are decreasing at well MW-08. Continued routine EFR with increased monitoring to better evaluate it s effectiveness is warranted. LiRo concludes that: " The results of the groundwater sampling completed in July 2013 indicate that there is VOC impacted groundwater contamination present beneath the building. " Significant groundwater contamination is limited to two wells, MW-02R located by a former 4,000-gallon diesel fuel tank in the southern portion of the Site, and well MW-08 near two former 550-gallon tanks located in the northern portion of the Site. Well MW-02R was not accessible during the July 2013 sampling event but has historically reported high TVOC concentrations. " Peripheral well data indicate that there has not been significant off-site migration though the July 2013 TVOC results at well MW-10 should be evaluated. " Past soil data shows that petroleum contaminated soils remain on the site at depths below the water table. This deep soil contamination is the likely source of residual groundwater contamination. " EFR at well locations MW-02R and MW-08 should continue in an attempt to stabilize and in time mitigate groundwater contamination at these former tank locations. To better evaluate the effectiveness of EFR, increased monitoring at these well locations should be completed. LiRo states that the site is privately owned and actively leased to commercial occupants. Based on the property status and depth to residual soil contamination excavation and SVE are not feasible. Any action will require owner cooperation and therefore LiRo is recommending a minimally intrusive approach to address the residual contamination. LiRo will: " Continue to conduct EFR at well locations MW-02R and MW-08 using a vacuum truck in an attempt to extract recalcitrant groundwater contamination. Add well MW-10 to the list of wells where EFR is conducted. " Continue semi-annual sampling and gauging. Groundwater samples will continue to be analyzed for VOCs, MTBE, and naphthalene. " Sample wells MW-02R, MW-08, MW-10, and MW-19 quarterly while EFR is ongoing. " Changing (per manufacturer s recommendations) and maintaining ORC socks in wells MW-02R, MW-08, and MW-10. " Continue monitored natural attenuation for residual soil and groundwater contamination. There are no proposals at this time requiring NYSDEC approval. AD 06/23/2014: Received a Semi-Annual Monitoring Report for period of September 2013 to February 2014. Will review. AD 07/15/2014: Reviewed the report. It states that the Site is currently on a semi-annual groundwater monitoring and sampling program. On January 29 and 30, 2014 LiRo completed groundwater sampling and well gauging. Routine semi-annual groundwater gauging was completed on January 29, 2014. Groundwater was gauged between 6.21 and 14.40 feet below top of casing [7.68 to 14.03 ft above mean sea level (AMSL)]. No free phase product was detected in any of the accessible monitoring wells. ORC sock replacement was completed during the January 2014 monitoring event. Groundwater elevation contours indicate an interpreted general groundwater flow direction to the north. GW sampling: Wells: Wells MW-01, MW-02R, MW-03, MW-05, MW-08, MW-09, MW-10, MW-13, MW-14R, MW-16, and MW-19 were sampled during the January 2014 event. None of the wells gauged contained free-phase product. The groundwater analytical results were compared to NYSDEC AWQSGV s. Six of the eleven wells sampled, MW-1, MW-2R, MW-03, MW-08, MW-10, and MW-14R, reported one or more VOCs at concentrations above AWQSGV s. Detected total VOC concentrations ranged from ND above laboratory limits in samples from wells MW-16 and MW-19 to 21,207 ug/L in well MW-2R. The TVOC concentrations reported from the current sampling event were compared to the

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previous reported TVOC concentrations by well. Six wells (MW-02R, MW-03, MW-05, MW-09, MW-10, and MW-14R) reported an increase in TVOC concentrations when compared to the previous sampling data. Three wells (MW-01, MW-08, and MW-13) reported decreases in concentration when compared to previous sampling data and two wells (MW-16 and MW-19) reported no TVOCs detected. Persistent elevated TVOC concentrations have been evident in southwest area well MW-02R since 2011. In the northern portion of the site, the last two rounds of sampling have shown increased TVOC levels at MW-10. A similar increase in TVOC levels is evident in well MW-08 (which is the closest upgradient well to MW-10) from 2010 to 2012. EFR: EFR at wells MW-02R and MW-08 began in September 2012. In December 2013, well MW-10 was added to the list of wells where EFR is completed. The EFR events during this monitoring period were completed on November 13, 2013, December 11, 2013, January 8, 2014, and January 28, 2014. A combined total of approximately 128 gallons of total fluids were removed from the three wells during the four EFR events. VOC concentrations at well MW-02R after the EFR events has increased compared to pre-EFR concentrations while TVOC concentrations are decreasing at well MW-08. Continued routine EFR with increased monitoring to better evaluate it s effectiveness is warranted. Conclusions: According to LiRo: - The results of the groundwater sampling completed in January 2014 indicate that there is VOC impacted groundwater contamination present beneath the Site. - Elevated groundwater contamination (greater than 100 ?g/L) is limited to three wells: MW- 02R which located in the southern portion of the Site, and wells MW-08 in the northern portion of the Site. - Peripheral well data indicate that there has not been off-site migration though the January 2014 TVOC results at well MW-19. - Past soil data shows that petroleum contaminated soils remain on the site at depths below the water table. This deep soil contamination is the likely source of residual groundwater contamination. - EFR at well locations MW-02R, MW-08, MW-10 should continue in an attempt to stabilize and in time mitigate groundwater contamination at these locations. To better evaluate the effectiveness of EFR, increased monitoring at these well locations should be completed. The site is privately owned and actively leased to commercial occupants. LiRo states that based on the property status and depth to residual soil contamination excavation and SVE are not feasible. Any action will require owner cooperation and therefore LiRo is recommending a minimally intrusive approach to address the residual contamination. - Continue to conduct EFR at well locations MW-02 and MW-10 using a vacuum truck in an attempt to extract recalcitrant groundwater contamination and add well MW-03 to the list of wells where EFR is conducted. - Continue semi-annual sampling and gauging. Groundwater samples will continue to be analyzed for VOCs, MTBE, and naphthalene. - Sample wells MW-02R, MW-03, MW-08, MW-10, and MW-19 quarterly while EFR is ongoing. - Changing (per manufacturer s recommendations) and maintaining ORC socks in wells MW-02R, MW-08, and MW-10. - Continue monitored natural attenuation for residual soil and groundwater contamination. There are no proposals at this time requiring NYSDEC approval. AD 10/10/2014: Received the following e-mail from LiRo: Ms. Doronova, The Semi-Annual Monitoring Report for Spill No. 9006042, Former DSNY Queens West 5/5A Garage, 58-70 and 58-74 54th Street, Queens, New York, has been uploaded for your review to LiRo s website on October 10, 2014. A link to the website is included: https://private.filesanywhere.com/fs/v.aspx?v=8c7165b95c979f799fa1&C=

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573 The report includes a proposal that requires your review and approval. The report will remain on the website for a period of one year. A hard copy has been mailed to your office. Please feel free to contact Steve Frank at franks@liro.com or myself if you need additional information. Sincerely, Martha DeLozier Project Geologist LiRo Engineers, Inc. Will review. AD 12/06/2014: Reviewed the report. It states that the site is currently on a semi-annual groundwater monitoring and sampling program. On July 1, 2014 LiRo completed groundwater sampling and well gauging. Wells were sampled for NYSDEC CP-51 (formerly STARS) list VOCs, methyl tertiary butyl ether (MTBE), and napthalene. Prior to sampling, wells were purged of at least three well volumes. Wells MW-01, MW-02R, MW-03, MW-05, MW-08, MW-09, MW-10, MW-13, MW-14R, MW-16, and MW-19 were sampled during the July 2014 event. None of the wells gauged contained free-phase product. A groundwater contour map indicated general groundwater flow direction to the north. DW data: The groundwater analytical results were compared to NYSDEC AWQSGV s. Four of the eleven wells sampled, MW-1, MW-2R, MW-03, and MW-10, reported one or more VOCs at concentrations above AWQSGV s. Detected total VOC concentrations ranged from ND in samples from monitoring wells MW-09, MW-13, MW-14R, MW-16, and MW-19 to 21,161 ug/L in well MW-02R. The TVOC concentrations reported from the current sampling event were compared to the previous analytical data. Decreasing TVOC concentrations were reported at all wells locations when compared to the previous sampling data. Persistent elevated TVOCs have been evident in southwest area well MW-02R since 2011. EFR: EFR is conducted monthly at well locations MW-02R, MW-08, and MW-10. The September 2013 to February 2014 SAMR recommended adding well MW-03 to the list of wells where EFR is conducted. EFR was not completed at this well location during the monitoring period because the well was inaccessible due construction by the tenant of the property. The EFR events during this monitoring period were completed on March 24, 2014, April 14, 2014, and August 7, 2014. Due to restricted access to wells EFR was not completed in during the months of May, June, and July. A combined total of 118 gallons was removed from the three wells during the three events. LiRo CONCLUSIONS: - The results of the groundwater sampling completed in July 2014 indicate that there is VOC impacted groundwater contamination present beneath the Site. - Elevated groundwater contamination (greater than 100 ug/L) is limited to three wells: MW-02R and MW-03 located in the southern portion of the Site, and well MW-10 in the northern portion of the site. - Peripheral well data indicate that there has not been off-site migration though the July 2014 TVOC results at well MW-19. - Past soil data shows that petroleum contaminated soils remain on the site at depths below the water table. This deep soil contamination is the likely source of residual groundwater contamination. - There was no significant contaminant level rebound or increase in down-gradient contaminant levels during the period when monthly EFR could not be conducted (May-July). RECOMMENDATIONS The site is privately owned and actively leased to commercial occupants. Based on the property status and depth to residual soil contamination excavation and SVE are not feasible. Any action will require owner cooperation and therefore LiRo is recommending a minimally intrusive approach to address the residual contamination. ACTIONS - Continue semi-annual sampling and gauging. Groundwater samples will continue to be analyzed for VOCs, MTBE, and naphthalene. - Changing (per manufacturer s recommendations) and maintaining ORC socks in wells MW-02R, MW-08,

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and MW-10. - Continue monitored natural attenuation for residual soil and groundwater contamination. PROPOSALS - Reduce EFR frequency to quarterly at monitoring wells MW-02R, MW-03, MW-08, and MW-10. ORC sock replacement was completed during the July 2014 monitoring event. AD 01/29/2015: Sent an e-mail to A. Samani approving the recommendation. AD 09/01/2015: Received the following e-mail from LiRo: Ms. Doronova, The Semi-Annual Monitoring Report for Spill No. 9006042, Former DSNY Queens West 5/5A Garage, 58-70 and 58-74 54th Street, Queens, New York, has been uploaded for your review to LiRo s website on September 1, 2015. A link to the website is included: https://private.filesanywhere.com/fs/v.aspx?v=8c7165b95c979f799fa1&C= 573 The report will remain on the website for a period of one year. A hard copy has been mailed to your office. Please feel free to contact Steve Frank at franks@liro.com or myself if you need additional information. Sincerely, Martha DeLozier Geologist/Project Coordinator The LiRo Group Program/Construction Managers - Engineers - Architects 690 Delaware Avenue - Buffalo, New York - 14209 716.882.5476 [T] - 716.882.9640 [F] - www.liro.com Will review. AD 11/02/2015: Reviewed the report. It states that the Site is currently on a semi-annual groundwater monitoring and sampling program. On April 1, 2015, LiRo completed groundwater sampling and well gauging. Additional gauging events were completed on December 1, 2014, January 13, 2015, February 18, 2015, March 5, 2015, and March 18, 2015. EFR was also conducted during this monitoring period. LiRo currently maintains ORC socks in wells MW-02R, MW-08, and MW-10. The ORC socks were replaced during the February 18, 2015 gauging event. Groundwater beneath the Site occurs at 9 to 15 ft. bgs. Groundwater flow beneath the Site is generally in a northwesterly direction. Groundwater was gauged between 6.25 and 15.64 ft. below top of casing [7.51 to 15.06 ft. above mean sea level (AMSL)] during this monitoring period. Routine semi-annual groundwater sampling/gauging was completed on April 1, 2015. Additional groundwater gauging was completed on December 1, 2014, January 13, 2015, February 18, 2015, March 5, 2015, and March 18, 2015. No free phase product was detected in any of the accessible monitoring wells during this monitoring period. Wells MW-01, MW-02R, MW-03, MW-05, MW-08, MW-09, MW-10, MW-13, MW-14R, MW-16, and MW-19 were sampled during the April 2015 event. GW data: Three of the eleven wells sampled, MW-01, MW-02R, and MW-10, reported one or more VOCs at concentrations above AWQSGV s. Detected TVOCs ranged from not detected above laboratory limits in samples from wells MW-03, MW-05, MW-08, MW-09, MW-13, MW-14R, MW-16, and MW-19 to 24,364 ug/L in well MW-02R. The TVOCs reported from the current sampling event were compared to the previous reported TVOCs by well. A total of two wells reported increases in TVOCs, four wells reported decreases in TVOCs, and five wells reported no change (non-detect). Persistent elevated TVOCs have been evident in southwest area well MW-02R since 2011. EFR: Enhanced Fluid Recovery (EFR) is conducted quarterly at well locations MW-02R, MW-03, MW-08, and MW-10. The EFR events during this monitoring period were completed on September 8, 2014, October 7, 2014, and April 9, 2015. The EFR logs for the three events are provided in Attachment 3. A combined total of 90 gallons was removed from the three wells during the three events. Conclusions: According to LiRo: - The results of the groundwater sampling completed in April 2015 indicate that VOC impacted groundwater contamination persists beneath the Site mainly concentrated in the area of well MW-02R and to a lesser extent well MW-01 and MW-10. - Elevated groundwater contamination (above AWQSGVs) is limited three wells: MW-01 and

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MW-02R located in the southern portion of the Site, and well MW-10 in the northern portion of the Site. - Peripheral well data indicate that there has not been off-site migration though the April 2015 TVOC results at well MW-19. - Past soil data shows that petroleum contaminated soils remain on the site at depths below the water table. This deep soil contamination is the likely source of residual groundwater contamination. - A combination of EFR and natural attenuation appears to have reduced dissolved-phase concentrations in wells MW-03 and MW-08. - TVOC concentrations in wells MW-02R and MW-10 have shown variability. Minimal impacts to TVOC concentrations relating to EFR have been exhibited in well MW-02R. Recommendations: The Site is privately owned and actively leased to commercial occupants. Based on the property status and depth to residual soil contamination excavation and SVE are not feasible. Any action will require owner cooperation and therefore LiRo has recommended a minimally intrusive approach to address the residual contamination. Due to the groundwater condition at MW-02R, LiRo will contact the property owner and discuss the possibility of implementing an ISCO program in a limited area near well MW-02R. ACTIONS - Continue semi-annual sampling and gauging. Groundwater samples will continue to be analyzed for CP-51 VOCs. - Changing (per manufacturer s recommendations) and maintaining ORC socks in wells MW-02R, MW-08, and MW-10. - Continue monitored natural attenuation for residual soil and groundwater contamination. - Continue quarterly EFR on monitoring wells MW-02R, MW-03, MW-08, and MW-10. There are currently no proposals requiring NYSDEC approvals. AD 01/18/2016: Received the following e-mail from LiRo: Ms. Doronova, The Semi-Annual Monitoring Report for Spill No. 9006042, Former DSNY Queens West 5/5A Garage, 58-70 and 58-74 54th Street, Queens, New York, has been uploaded for your review to LiRo s website on January 18, 2016. Will review. AD 02/11/2016: Reviewed the SA may - October 2015 report. It states that the site is currently on a semi-annual groundwater monitoring and sampling program. On October 29-30, 2015, LiRo completed groundwater sampling and well gauging. An additional gauging event was completed on August 24, 2015. Groundwater beneath the Site occurs under unconfined conditions at 9 to 15 ft. bgs) within the unconsolidated glacial till sediments. Groundwater flow beneath the Site is generally in a northwesterly direction. GW sampling: Routine semi-annual groundwater sampling/gauging was completed on October 29-30, 2015. An additional groundwater gauging event was completed on August 24, 2015. No free phase product was detected in any of the accessible monitoring wells during this monitoring period. Wells were sampled for NYSDEC CP-51 list VOCs. Prior to sampling. Wells MW-01, MW-02R, MW-03, MW-05, MW-08, MW-09, MW-10, MW-13, MW-14R, MW-16, and MW-19 were sampled during the October 2015 event. None of the wells gauged contained free-phase product. Four of the eleven wells sampled, MW-01, MW-02R, and MW-10, reported one or more VOCs at concentrations above AWQSGV s. Detected total VOC concentrations ranged from ND in wells MW-09, MW-13, and MW-16, to 30,917 ppb in well MW-02R. A total of six monitoring wells reported increases in TVOCs, two monitoring wells reported decreases in TVOCs, and three wells reported no change (non-detect). Persistent elevated TVOC concentrations have been evident in southwest area well MW-02R since 2011. EFR: Enhanced Fluid Recovery (EFR) is conducted quarterly at well locations MW-02R, MW-03, MW-08, and MW-10. The EFR events during this monitoring period were completed on July 13, 2015 and October 14, 2015. A combined total of 172 gallons of groundwater was removed

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from the four wells during the two events. CONCLUSIONS: - The results of the groundwater sampling completed in October 2015 indicate that VOC impacted groundwater contamination persists beneath the Site mainly concentrated in the area of well MW-02R and to a lesser extent well MW-01 and MW-10. - Elevated groundwater contamination (above AWQSGVs) is limited three wells: MW-01 and MW-02R located in the southern portion of the Site, and well MW-10 in the northern portion of the Site. - Peripheral well data indicate that there has not been off-site migration though the October 2015 TVOC results at well MW-19. - Past soil data shows that petroleum contaminated soils remain on the site at depths below the water table. This deep soil contamination is the likely source of residual groundwater contamination. - A combination of EFR and natural attenuation appears to have reduced dissolved-phase concentrations at well location MW-08. - TVOC concentrations in wells MW-02R, MW-03, and MW-10 have shown variability. Elevated TVOC concentrations persist at well MW-02R. RECOMMENDATIONS: The Site is privately owned and actively leased to commercial occupants. Based on the property status and depth to residual soil contamination excavation and SVE are not feasible. Due to the groundwater condition at MW-02R, LiRo has contacted the property owner and discussed the possibility of implementing an ISCO program in a limited area near well MW-02R. An ISCO Work Plan will be prepared and included in the next SAMR. ACTIONS - Continue semi-annual sampling and gauging. Groundwater samples will continue to be analyzed for CP-51 VOCs. - Changing (per manufacturer s recommendations) and maintaining ORC socks in wells MW-02R, MW-08, and MW-10. - Continue monitored natural attenuation for residual soil and groundwater contamination. - Continue quarterly EFR on monitoring wells MW-02R, MW-03, MW-08, and MW-10. There are currently no proposals requiring NYSDEC approvals. 09/09/2016: Received the following e-mail from LiRo: Ms. Doronova, The Semi-Annual Monitoring Report for Spill No. 9006042, Former DSNY Queens West 5/5A Garage, 58-70 and 58-74 54th Street, Queens, New York, has been uploaded for your review to LiRo s website on September 9, 2016. A link to the website is included: https://private.filesanywhere.com/fs/v.aspx?v=8c7165b95c979f799fa1&C= 573 The report will remain on the website for a period of one year. A hard copy has been mailed to your office. Please feel free to contact Steve Frank at franks@liro.com or myself if you need additional information. Sincerely, Martha DeLozier Geologist/Project Coordinator The LiRo Group Program/Construction Managers - Engineers - Architects 690 Delaware Avenue - Buffalo, New York - 14209 716.882.5476 [T] - 716.882.9640 [F] - www.liro.com Will review. AD 10/19/2016: Reviewed the report for monitoring Period: November 2015 to April 2016. The Site is currently on a semi-annual groundwater monitoring and sampling program. On March 30-31, 2016 groundwater sampling was completed at well locations MW-01, MW-02R, MW-03, MW-05, MW- 08, MW-09, MW-10, MW-13, MW-14, MW-16, and MW-19. Groundwater beneath the Site occurs under unconfined conditions at 9 to 15 ft. bgs) within the unconsolidated glacial till sediments. Groundwater flow beneath the Site is generally in a northwesterly direction. GW data: Routine GW sampling was completed by LiRo on March 30-31, 2016. Wells MW-01, MW-02R, MW-03, MW-05, MW-08, MW-09, MW-10, MW-13, MW-14R, MW-16, and MW-19 were sampled during the March 2016 event. None of the wells gauged contained free-phase product. Three of the eleven wells sampled, MW-02R, MW-03, and MW-10, reported one or more VOCs at concentrations above AWQSGV s. Detected total VOCs ranged from ND

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from MW-08, MW-09, MW-13, and MW-14R, to 25,487 ug/L in well MW-02R. One (MW-16) of the eleven wells reported increases in TVOCs and two monitoring wells (MW-09 and MW-13) reported no change (non-detect). The remaining eight wells reported a decrease in TVOCs. Persistent elevated TVOCs (greater than 20,000 ug/L) have been evident in southwest area well MW-02R since 2011. TVOCs for all other well locations for the March 2016 sampling event were less than 100 ug/L. EFR: EFR is conducted quarterly at well locations MW-02R, MW-03, MW-08, and MW-10. The EFR events during this monitoring period were completed on January 15, 2016 and April 7, 2016. A combined total of 275 gallons of groundwater was removed from the four wells during the two events. CONCLUSIONS The results of the groundwater sampling completed in March 2016 indicate that VOC impacted groundwater contamination persists beneath the Site mainly concentrated in the area of well MW-02R. Elevated groundwater contamination (above AWQSGVs) is limited to three wells: MW-02R and MW-03 located in the southern portion of the Site, and well MW-10 in the northern portion of the Site. Peripheral well data indicate that there has not been off-site migration though the March 2016 TVOC results at well MW-19. Past soil data shows that petroleum contaminated soils remain on the Site at depths below the water table. This deep soil contamination is the likely source of residual groundwater contamination. A combination of EFR and natural attenuation appears to have reduced dissolved-phase concentrations at well location MW-08. The March 2016 TVOC results indicate a similar downward trend at well locations MW-03 and MW-10. Elevated TVOC concentrations persist at well MW-02R. The contamination is localized and the elevated TVOC concentrations at this location could potentially be attributed to contamination within the well filter pack. The Site is privately owned and actively leased to commercial occupants. Based on the property status and depth to residual soil contamination excavation and SVE are not feasible. Due to the reported elevated TVOC concentrations at MW-02R, LiRo will replace well MW-02R to determine if the elevated TVOC results are representative of groundwater conditions or biased high due to contamination of the well screen and filter pack. ACTIONS Continue semi-annual sampling and gauging. Groundwater samples will continue to be analyzed for CP-51 VOCs. Changing (per manufacturer s recommendations) and maintaining ORC socks in wells MW-02R, MW-08, and MW-10. Continue monitored natural attenuation for residual soil and groundwater contamination. Continue quarterly EFR on monitoring wells MW-02R, MW-03, MW-08, and MW-10. Replace groundwater monitoring well MW-02R. Sample the MW-02R replacement well monthly for CP-51 VOCs for a 3-month period. There are currently no proposals requiring NYSDEC approvals. AD 01/18/2017: Received the following e-mail from LiRo: Ms. Doronova, The Semi-Annual Monitoring Report for Spill No. 9006042, Former DSNY Queens West 5/5A Garage, 58-70 and 58-74 54th Street, Queens, New York, has been uploaded for your review to LiRo s website on January 18, 2017. A link to the website is included: https://private.filesanywhere.com/fs/v.aspx?v=8c7165b95c979f799fa1&C= 573 The report will remain on the website for a period of one year. A hard copy has been mailed to your office. Please feel free to contact Steve Frank at franks@liro.com or myself if you need additional information. Sincerely, Martha DeLozier Geologist/Project Coordinator The LiRo Group Program/Construction Managers - Engineers - Architects 690 Delaware Avenue - Buffalo, New York - 14209 716.882.5476 [T] - 716.882.9640 [F] - www.liro.com Will review. AD 02/28/2017: Reviewed the report. The Site is currently on a semi-annual groundwater

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monitoring and sampling program. On October 18-19, 2016, groundwater sampling was completed at well locations MW-01, MW-02R, MW-03, MW-05, MW-08, MW-09, MW-10, MW-13, MW-14, MW-16, and MW-19. None of the wells gauged contained free-phase product. Three of the eleven wells sampled, MW-02R, MW-03, and MW-10, reported one or more VOCs at concentrations above AWQSGV s. Detected total VOC concentrations ranged from not detected above laboratory limits in samples from monitoring wells MW-05, MW-08, MW-09, MW-13, and MW-16, to 25,911 micrograms per liter (ug/L) in well MW-02R. Persistent elevated TVOCs (greater than 20,000 ug/L) have been evident in southwest area well MW-02R since 2011. TVOCs for all other well locations for the October 2016 sampling event were below 100 ug/L. EFR events: EFR is conducted quarterly at well locations MW-02R, MW-03, MW-08, and MW-10. The EFR events during this monitoring period were completed on July 28, 2016 and October 21, 2016. A combined total of 191 gallons of groundwater was removed from the four wells during the two events. EFR was initiated in October 2012 as an effort to reduce dissolved-phase VOCs in groundwater. A total of eight groundwater sampling events have been conducted since EFR began. TVOCs at well locations MW-03, MW-08, and MW-10 have decreased. The decreases may be a result of EFR activities, natural attenuation or possibly a combination of the two. The TVOCs in well MW-02R have not decreased. CONCLUSIONS: - The results of the groundwater sampling completed in October 2016 indicate that VOC impacted groundwater contamination persists beneath the Site mainly concentrated in the area of well MW-02R. - Elevated groundwater contamination (above AWQSGVs) is limited to three wells: MW-02R and MW-03 located in the southern portion of the Site, and MW-10 in the northern portion of the Site. - Peripheral well data indicate that there has not been off-site migration based on the October 2016 and historic TVOC results at well MW-19. - Past soil data shows that petroleum contaminated soils which remain on the Site are limited in area and are at depths below the water table. This deep soil contamination is likely the source of residual groundwater contamination. - A combination of EFR and natural attenuation appears to have reduced dissolved-phase concentrations at well location MW-08 to non-detectable levels for the last two sampling events. The October 2016 TVOC results indicate a similar downward trend at well locations MW-03 and MW-10. - Elevated TVOCs persist at well MW-02R. The contamination is localized and the elevated TVOCs at this location could be potentially attributed to contamination within the well filter pack. RECOMMENDATIONS (Actions and Proposals) The Site is privately owned and actively leased to commercial occupants. Based on the property status and depth to residual soil contamination excavation and SVE are not feasible. Due to the reported elevated TVOCs at MW-02R, LiRo will replace well MW-02R to determine if the elevated TVOC results are representative of groundwater conditions or biased high due to contamination of the well screen and filter pack. Well replacement is scheduled for completion in the first quarter of 2017. ACTIONS - Continue semi-annual sampling and gauging. Groundwater samples will continue to be analyzed for CP-51 VOCs. - Changing (per manufacturer s recommendations) and maintaining ORC socks in wells MW-02R, MW-08, and MW-10. - Continue monitored natural attenuation for residual soil and groundwater contamination. - Continue quarterly EFR on monitoring wells MW-02R, MW-03, and MW-10. EFR will be suspended at well location MW-08 based on recent TVOC concentrations. - Replace groundwater monitoring well MW-02R. - Sample the MW-02R replacement well monthly for CP-51 VOCs for a

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3-month period There are currently no proposals requiring NYSDEC approvals. AD 11/13/2017: Received the following e-mail from LiRo: Ms. Doronova, The Semi-Annual Monitoring Report & Soil Vapor/Air Sampling Plan for Spill No. 9006042, Former DSNY Queens West 5/5A Garage, 58-70 and 58-74 54th Street, Queens, New York, has been uploaded for your review to LiRo s website on November 13, 2017. A link to the website is included: https://private.filesanywhere.com/fs/v.aspx?v=8c7165b95c979f799fa1&C=573 The report includes a proposal that requires your review and approval. The report will remain on the website for a period of one year. A hard copy has been mailed to your office. Please feel free to contact Steve Frank at franks@liro.com or myself if you need additional information. Sincerely, Martha DeLozier, PG Geologist/Project Coordinator The LiRo Group Program/Construction Managers - Engineers - Architects 690 Delaware Avenue - Buffalo, New York - 14209 716.882.5476 [T] - 716.882.9640 [F] - www.liro.com Will review. AD 12/28/2017: Reviewed the report. It states that: - Elevated groundwater contamination (above AWQSGVs) is limited to three wells: MW-02R2 and MW-03 located in the southern portion of the Site, and MW-10 in the northern portion of the Site. - Peripheral well data indicate that there has not been off-site migration based on the April 2017 and historic TVOC results at well MW-19. - Past and recent (January 2017) soil data from well MW-02R2 and nearby soil borings shows that petroleum contaminated soils which remain on the Site are limited in area and are at depths below the water table. This deep soil contamination is likely the source of residual groundwater contamination. Well MW-02R2 is located in the portion of the Site currently used by Pepperidge Farms for storage and distribution. - A combination of EFR and natural attenuation appears to have reduced dissolved-phase concentrations at well location MW-08 to non-dectable levels for the last two sampling events. The April 2017 TVOC results indicate a similar downward trend at well locations MW-03 and MW-10. - Groundwater TVOC concentrations at replacement well MW-02R2 suggest that the elevated TVOC concentration reported at well MW-02R was localized and is attributed to contamination within the well filter pack of well MW-02R. Additional sampling will determine if this is the case. The Site is privately owned and actively leased to commercial occupants. Based on the property status and depth to residual soil contamination excavation and SVE are not feasible. Proposed actions: - Continue semi-annual sampling and gauging. Groundwater samples will continue to be analyzed for CP-51 VOCs. - Changing (per manufacturer s recommendations) and maintaining ORC socks in wells MW- 02R2, MW-08, and MW-10. - Continue monitored natural attenuation for residual soil and groundwater contamination. - Continue quarterly EFR on monitoring well MW-02R2. EFR will be suspended at well locations MW-03, MW-08, MW-10 based on recent declining TVOC concentrations. LiRo proposes the following: Due to the VOC impacts to soil and groundwater identified at well location MW-02R/MW-02R2, located within the Pepperidge Farms warehouse, LiRo is recommending performing sub-slab vapor, soil vapor, and ambient air sampling to evaluate potential soil vapor intrusion. The evaluation will be used to determine if VOCs are impacting the warehouse. A work plan for the vapor intrusion is presented in the report. Implementation of this proposal is contingent upon property owner/tenant granting permission to conduct the sampling. AD 02/12/2018: Received Semi-Annual Monitoring Report may - October 2017. Will review. AD 02/20/2018: Reviewed the report. It states that

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the site is currently on a semi-annual groundwater monitoring and sampling program. On July 26-27, 2017 groundwater sampling was completed at all eleven well locations. Routine groundwater sampling was completed by LiRo on July 26-27, 2017. Wells were sampled for NYSDEC CP-51 (formerly STARS) list VOCs. Wells MW-01, MW-02R2, MW-03, MW-05, MW-08, MW-09, MW-10, MW-13, MW-16, MW-14R, and MW-19 were sampled during the July 2017 event. Well MW-16 was not accessible for sampling. None of the wells gauged contained free-phase product. Five of the eleven wells sampled, MW-01, MW-02R2, MW-03, MW-08, and MW-10, reported one or more VOCs at concentrations above AWQSGV s. Benzene reported at 1.4 ug/L and MTBE at 99 ug/L account for the AWQSGV exceedances at wells MW-08 and MW-10, respectively. Detected TVOCs ranged from ND in wells MW-09, MW-13, and MW-16 to 9,335 ug/L)in well MW-02R2 during the July sampling event. Replacement monitoring well MW-02R2 was sampled on four occasions during the monitoring period, June 27, July 27, August 25, and September 25, 2017, to assess TVOCs trends. Well MW-02R2 and other all wells gauged on these dates did not contain free-phase product. The reported TVOCs at well MW-02R2 were significantly lower than well MW-02R and the March 2017 sampling of MW-02R2. The TVOCs in MW-02R2 were 9,553 ug/L for the July 2017 sampling event, however, by September the concentration decreased to 2,501 ug/L. The September 2017 TVOC results for MW-02R2 were reported at 2,501 ?g/L. Continued monthly sampling at well MW-02R2 will better determine TVOCs trends. - Groundwater contamination above AWQSGVs is limited to five wells: MW-01, MW-02R2, MW-03, MW-08, and MW-10. Wells MW-01, MW-02R2, and MW-03 are located in the southern portion of the Site, and MW-08 and MW-10 in the northern portion of the Site. The significance of the July 2017 TVOC concentration increase at well location MW-01 will be evaluated through continued monitoring. - Down gradient well MW-19 indicate that there has not been off-site migration of the dissolved phase contaminate plume based on the July 2017 and historic TVOC results. - Past and recent (January 2017) soil data from well MW-02R2 and nearby soil borings shows that petroleum contaminated soils which remain on the Site are limited in area and are at depths below the water table. This deep soil contamination is likely the source of residual groundwater contamination. Well MW-02R2 is located in the portion of the Site currently used by Pepperidge Farms for storage and distribution. The Site is privately owned and actively leased to commercial occupants. Based on the property status and depth to residual soil contamination excavation and SVE are not feasible. ACTIONS - Continue semi-annual sampling and gauging. Groundwater samples will continue to be analyzed for CP-51 VOCs. - Changing (per manufacturer s recommendations) and maintaining ORC socks in well MW-02R2. Based on significant groundwater TVOC concentration reductions, ORC socks will no longer be employed in wells MW-08 and MW-10. - Continue monitored natural attenuation for residual soil and groundwater contamination. - Continue quarterly EFR at monitoring well location MW-02R2. - Implement the Vapor/Air Sampling Plan proposed in the November 13, 2017 SAMR in 2Q2018 pending NYSDEC approval. AD 02/22/2018: Issued and sent a WP approval letter to DDC. AD 12/06/2018: Received the following e-mail from LiRo: Ms. Doronova, The Semi-Annual Monitoring Report for Spill No. 9006042, Former DSNY Queens West 5/5A Garage, 58-70 and 58-74 54th Street, Queens, New York, has been uploaded for your review to LiRo s website on December 6, 2018. A copy of the report is also attached in this email due to current DEC issues with access to the filesanywhere site. A link to the website is included:

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https://private.filesanywhere.com/LiRoEngineers/fs/v.aspx?v=
8a6c6b8b9593b0b0a0a5 The report will remain on the website for a
period of one year. A hard copy has been mailed to your office.
Please feel free to contact Steve Frank at franks@liro.com or myself
if you need additional information. Sincerely Martha DeLozier, PG
Geologist/Project Coordinator The LiRo Group Program/Construction
Managers - Engineers - Architects 690 Delaware Avenue - Buffalo, New
York - 14209 716.882.5476 [T] - 716.882.9640 [F] - www.liro.com Will
review. AD 01/09/2019: Reviewed the report for monitoring period:
November 2017 to April 2018. It states that the Site is currently on
a semi-annual groundwater monitoring and sampling program. - On
November 2-3, 2017 groundwater sampling was completed at all eleven
well locations. Routine semi-annual groundwater sampling/gauging was
completed on November 2-3, 2017. No free phase product was detected
in any of the accessible monitoring wells during this monitoring
event. On November 2, 2017, groundwater was measured between 6.64 and
15.91 ft. below top of casing and between 7.25 to 13.67 feet above
mean sea level (AMSL). The interpreted groundwater flow indicates
general groundwater flow direction to the north. November 2017 GW
data: 6 wells (MW-01, MW-02R2, MW-03, MW-08, MW-10, and MW-14R) of
the 11 wells sampled, reported one or more VOCs at concentrations
above AWQSGV s. Detected TVOCs ranged from ND in wells MW-09, MW-13,
and MW-16 to 2,501 ug/L in well MW-02R2. Groundwater samples from
wells MW-01, MW-02R2, and MW-03 reported four or more VOCs at
concentrations greater than AWQSGVs, samples from monitoring wells
MW-08, MW-10, and MW-14R reported only one elevated VOC. - On April
25-26, 2018 LiRo completed well gauging and groundwater sampling.
Sampling was completed at all eleven well locations required by the
Site Monitoring Plan. No free phase product was detected in any of
the wells during this monitoring event. On April 25, 2018,
groundwater was measured between 6.28 and 14.95 ft. below top of
casing and between 7.75 to 14.86 feet above mean sea level (AMSL).
April 2018 GW data: Five (MW-01, MW-02R2, MW-03, MW-08, and MW-10) of
the eleven wells sampled, reported one or more VOCs above AWQSGV s.
Detected TVOCs ranged from ND in wells MW-13 and MW-16 to 556 ug/L in
well MW-02R2. Well MW-13 has not reported detectable TVOCs since
January 2014 and well MW-16 last reported a detectable TVOC in March
2016. LiRo currently maintains ORC socks in wells MW-02R2, MW-08, and
MW-10. The ORC socks in wells MW-08 and MW-10 were replaced during
the October 18, 2016 gauging event. EFR: During this monitoring
period EFR was completed on November 13, 2017 at well location MW-10.
Street re-construction prevented access to the other wells where EFR
is conducted. On April 27, 2018 EFR was conducted at well location
MW-02R2. A total of 62 gallons of groundwater was removed during the
monitoring period. As of April 2018, EFR was limited to the one well,
MW-02R2. EFR has been discontinued in April 2018 at wells MW-03,
MW-08, and MW-10 due to a significant decrease in TVOCs. CONCLUSIONS
- Groundwater contamination above AWQSGVs is limited to six wells:
MW-01, MW-02R2, MW-03, MW-08, MW-10, and MW-14R. Wells MW-01,
MW-02R2, and MW-03 are located in the southern portion of the Site,
and MW-08 and MW-10 in the northern portion of the Site. Well MW-13
have reported no detectable TVOCs for several monitoring periods. -
Downgradient well MW-19 results indicate that there has not been
off-site migration of the dissolved phase contaminate plume. - Past
and recent (January 2017) soil data from well MW-02R2 and nearby soil
borings shows that petroleum contaminated soils which remain on the
Site are limited in area and are at depths below the water table.

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This deep soil contamination is likely the source of residual groundwater contamination. Well MW-02R2 is located in the portion of the Site currently used by Pepperidge Farms for warehousing (storage and distribution). - In April 2018, sub-slab air samples in the Pepperidge Farms warehouse were collected from LAS-01, LAS-02, and LSVP-01 along with corresponding indoor and outdoor ambient air samples. The air sampling results were compared to the NYSDOH, Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006, Table 3.1 AGVs Matrices A, B, and C and Appendix C databases. - No petroleum-related VOCs or non-petroleum related VOCs were reported above NYSDOH Table 3.1 AGVs. The NYSDOH Decision Matrix results support no further action. Additionally, no petroleum-related compounds in the indoor air samples were reported at concentrations above NYSDOH Fuel Oil 2003 Upper Fence Limit. - During the November 8, 2018 meeting with NYSDEC, LiRo proposed closure of Spill No. 9006042 based on decreasing groundwater TVOCs and the April 2018 air and soil vapor sampling results that supported no further action. However, based on the groundwater TVOCs reported for well MW-02R2 in February 2018, NYSDEC was not prepared to approve closure the spill and requested that LiRo evaluate a bioremedial approach to address the impacted groundwater that is limited to well MW-02R2. LiRo will evaluate bioremedial measures that include collection of groundwater samples that will be submitted to a laboratory for bench scale testing. Initial results of the evaluation will be provided in the November 2018 to April 2019 SAMR. ACTIONS - Continue semi-annual sampling and gauging. Groundwater samples will continue to be analyzed for CP-51 VOCs. - Changing and maintaining ORC socks in well MW-02R2. - Continue monitored natural attenuation for residual soil and groundwater contamination. - Continue quarterly EFR at monitoring well location MW-02R2. There are currently no proposals requiring NYSDEC approvals. AD 03/15/2019: Received the following e-mail from LiRo: Ms. Doronova, The Semi-Annual Monitoring Report for Spill No. 9006042, Former DSNY Queens West 5/5A Garage, 58-70 and 58-74 54th Street, Queens, New York, has been uploaded for your review to LiRo s website on March 15, 2019. A link to the website is included: https://protect2.fireeye.com/url?k= 3c5f9b8b-607b6dea-3c5d62be-0cc47a6d17e0-3c7d75d881b16a1c&u=https:// private.filesanywhere.com/LiRoEngineers/fs/v.aspx?v= 8a6c6b8b9593b0b0a0a5 The report will remain on the website for a period of one year. A hard copy has been mailed to your office. Please feel free to contact Steve Frank at franks@liro.com or myself if you need additional information. Sincerely Martha DeLozier, PG Geologist/Project Coordinator The LiRo Group Program/Construction Managers - Engineers - Architects 690 Delaware Avenue - Buffalo, New York - 14209 716.882.5476 [T] - 716.882.9640 [F] Will review. AD 03/21/2019: Reviewed the report. it states that the Site is currently on a semi-annual groundwater monitoring and sampling program. - On September 4-5, 2018 LiRo completed well gauging and groundwater sampling. Sampling was completed at all eleven well locations required by the Site Monitoring Plan. On September 4, 2018, groundwater was measured between 5.59 and 14.60 ft. below top of casing and between 8.73 to 14.65 feet above mean sea level (AMSL). Groundwater elevation contours for the gauging event are presented in Figure 3. The interpreted groundwater flow indicates general groundwater flow direction to the northwest. This is similar to historical groundwater flow direction. The calculated hydraulic

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gradient between monitoring well MW-13 and MW-19 is 0.016 feet per foot (ft/ft). GW data: Three (MW-01, MW-02R2 and MW-10) of the eleven wells sampled, reported one or more VOCs at concentrations above AWQSGV s. Detected total VOCs ranged from ND in samples from wells MW-13, MW-14R, and MW-16 to 6,811 ppb in well MW-02R2 during the September 2018 sampling event. Groundwater samples from wells MW-02R2 and MW-10 reported six or more VOCs at concentrations greater than AWQSGVs. The sample from monitoring well MW-10 reported only one VOC (Naphthalene) at concentrations greater than AWQSGs. The TVOCs reported for the September 2018 sampling event were compared to the most recent sampling event reported TVOCs by location. Two wells (MW-02R2 and MW-10) of the 11 wells reported increases in TVOCs. The reported TVOC, 6,811 ug/L and 141 ug/L for MW-02R2 and MW-10, respectively, were within historic levels for the well locations. Three monitoring wells (MW-09, MW-13, and MW-16) reported no change. The remaining six well locations (MW-01, MW-03, MW-05, MW-08, MW-14R, and MW-19) reported a decrease in TVOCs. During this monitoring period, EFR was completed on September 11, 2018 at well location MW-02R2. Street re-construction prevented access to well MW-02R2 for completion of both quarterly EFR events. A total of 38 gallons of groundwater was removed from well MW-02R2 during the monitoring period. CONCLUSIONS: - Groundwater contamination above AWQSGVs is limited to three wells: MW-01, MW-02R2, and MW-10. Wells MW-01 and MW-02R2 are located in the southern portion of the site, and MW-10 in the northern portion. - Down gradient well MW-19 results indicate that there has not been off-site migration of contaminate plume. - Past and recent (January 2017) soil data from well MW-02R2 and nearby soil borings shows that petroleum contaminated soils which remain on the Site are limited in area and are at depths below the water table. This deep soil contamination is likely the source of residual groundwater contamination. Well MW-02R2 is located in the portion of the Site currently used by Pepperidge Farms for warehousing (storage and distribution). - In April 2018, sub-slab air samples in the Pepperidge Farms warehouse were collected from LAS-01, LAS-02, and LSVP-01 along with corresponding indoor and outdoor ambient air samples. The air sampling results were compared to the NYSDOH, Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006, Table 3.1 AGVs Matrices A, B, and C and Appendix C databases. - Semi-annual sampling and gauging will continue. Groundwater samples will continue to be analyzed for CP-51 VOCs. - Changing (per manufacturer s recommendations) and maintaining ORC socks in well MW-02R2. - Continue monitored natural attenuation for residual soil and groundwater contamination including the resumption of increased groundwater sampling at well MW-02R2. Monthly sampling for a period of six (6) months was initiated at well MW-02R2 in January 2019. - Continue quarterly EFR at monitoring well location MW-02R2. There are currently no proposals requiring NYSDEC approvals. AD 08/29/2019: Received the following e-mail from LiRo: Ms. Doronova, The Semi-Annual Monitoring Report for Spill No. 9006042, Former DSNY Queens West 5/5A Garage, 58-70 and 58-74 54th Street, Queens, New York, has been uploaded for your review to LiRo s website on August 29, 2019. A link to the website is included: https://private.filesanywhere.com/LiRoEngineers/fs/v.aspx?v= 8a6c6b8b9593b0b0a0a5 The report will remain on the website for a period of one year. A hard copy has been mailed to your office. Please feel free to contact Steve Frank at franks@liro.com or myself if you need additional information. Sincerely Martha DeLozier, PG

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Professional Geologist/Project Coordinator The LiRo Group Program/Construction Managers - Engineers - Architects 690 Delaware Avenue - Buffalo, New York - 14209 716.882.5476 [T] - 716.882.9640 [F] - www.liro.com Will review. AD 09/19/2019: Reviewed the report. The Site is currently on a semi-annual gauging and sampling program. This report summarizes the results of the semiannual routine groundwater sampling and gauging which occurred on January 8-9, 2019. Also included in this report is the monthly sampling results from well MW-02R2. Per the recommendation of the May 2018 to October 2018 SAMR, monthly sampling of well MW-02R2 resumed in January 2019 to monitor natural attenuation groundwater contamination which is confined to this portion of the Site. Monthly samples were collected on February 7, 2019, March 13, 2019, and April 26, 2019. Groundwater beneath the Site occurs under unconfined conditions at 9 to 15 ft. bgs within the unconsolidated glacial till sediments. Groundwater flow beneath the Site is generally in a northwesterly direction. No free phase product was detected in any of the accessible monitoring wells during this monitoring event. On January 8, 2019, groundwater was measured between 4.83 and 14.82 ft. below top of casing and between 9.49 to 15.22 feet above mean sea level (AMSL). The interpreted groundwater flow indicates general groundwater flow direction to the northwest. This is similar to historical groundwater flow direction. EFR: During this monitoring period, EFR was completed on January 7, 2019 at well location MW-02R2. Street re-construction prevented access to well MW-02R2 for completion of the second quarterly EFR event. A total of 32 gallons of groundwater was removed from well MW-02R2 during the monitoring period. GW sampling: Routine semi-annual groundwater sampling was completed by LiRo on January 8-9, 2019. Wells were sampled for NYSDEC CP-51 list VOCs. In addition to the semi-annual sampling, monthly sampling at well MW-02R2 was completed on February 7, 2019, March 13, 2019, and April 26, 2019. Prior to sampling, wells were purged of at least three well volumes at wells with sufficient recharge. Wells MW-01, MW-02R2, MW-03, MW-05, MW-08, MW-09, MW-10, MW-13, MW-14R, MW-16, and MW-19 were sampled during the January 2019 event. Six (MW-01, MW-02R2, MW-03, MW-08, MW-10, and MW-14R) of the eleven wells sampled, reported one or more VOCs at concentrations above AWQSGV s. Detected total VOCs ranged from ND in well MW-13 to 3,394 ug/L in well MW-02R2 during the January 2019 sampling event. Groundwater samples from wells MW-02R2 and MW-10 reported ten or more VOCs at concentrations greater than AWQSGVs. The samples from monitoring wells MW-08 and MW-14R reported only one VOC at concentrations greater than AWQSGs. Wells MW-01 and MW-03 reported seven VOCs at concentrations greater than AWQSGVs. These two wells are located in the same portion of the site where MW-02R2 is located. The TVOC concentrations reported for the January 2019 sampling event were compared to the most recent sampling event reported TVOC concentrations by location. Eight of the eleven monitoring wells reported increases in TVOCs. The reported TVOC concentrations at the eight well locations were within historic levels for the well locations. One monitoring well (MW-13) reported no change. The remaining two well locations (MW-02R2 and MW-19) reported a decrease in TVOCs. Monthly Sampling Events MW-02R2: Monthly sampling at well location MW-02R2 was completed on February 7, 2019, March 13, 2019, and April 26, 2019. The monthly groundwater analytical results were compared to NYSDEC s AWQSGVs. Similar to the January 2019 sample results, the monthly sampling results reported ten or more VOCs at concentrations greater than AWQSGVs. Detected

QUEENS WEST 05/05A DOS -DDC (Continued) **S101658482**

total VOCs ranged from 504 ug/L for the April 2019 event to 3,445 ug/L for the March 2019 sampling event. CONCLUSIONS: - Groundwater contamination above AWQSGVs were reported at six wells during the monitoring period: MW-01, MW-02R2, MW-03, MW-08, MW-10, and MW-14R. Wells MW-01, MW-02R2, MW-03, and MW-14R are located in the southern portion of the Site, and wells MW-08 and MW-10 in the northern portion of the Site. The January 2019 well MW-10 TVOC results was significantly greater than the previous sampling event but less than the highest historic concentration. Additional sampling will determine the significance of the January 2019 results. - Well MW-02R2 has shown a steady decreasing trend. - Down gradient well MW-19 results indicate that there has not been off-site migration of the dissolved phase contaminate plume. - Past and recent soil data from well MW-02R2 and nearby soil borings shows that petroleum contaminated soils which remain on the Site are limited in area and are at depths below the water table. This deep soil contamination is likely the source of residual groundwater contamination. Well MW-02R2 is located in the portion of the Site currently used by Pepperidge Farms for warehousing (storage and distribution). - A combination of EFR and natural attenuation resulted in reduced dissolved-phase concentrations at well locations MW-03, MW-08, and MW-10 to the point where EFR was discontinued at these wells in April 2018. The January 2019 MW-10 sample results were significantly greater than the previous sampling results. Should TVOC concentrations remain elevated at MW-10, EFR at the well may resume. Quarterly EFR continues at well MW-02R2 to address dissolved-phase concentrations at this location. ACTIONS: - Continue semi-annual sampling and gauging. Groundwater samples will continue to be analyzed for CP-51 List VOCs. - Continue monitored natural attenuation for residual soil and groundwater contamination including monthly groundwater sampling at well MW-02R2 through June 2019. - Changing (per manufacturer s recommendations) and maintaining ORC socks in well MW-02R2. - Continue quarterly EFR at monitoring well location MW-02R2. There are currently no proposals requiring NYSDEC approvals. AD 04/03/2020: Received the following email from LiRo: Ms. Doronova, The Semi-Annual Monitoring Report for Spill No. 9006042, Former DSNY Queens West 5/5A Garage, 58-70 and 58-74 54th Street, Queens, New York, has been uploaded for your review to LiRo s website on April 3, 2020. A link to the website is included:
https://private.filesanywhere.com/LiRoEngineers/fs/v.aspx?v=8a6c6b8b9593b0b0a0a5 The report will remain on the website for a period of one year. Please note, that in light of the current circumstances, until further notice, no hard copies will be mailed to your office. Please feel free to contact Steve Frank at franks@liro.com or myself if you need additional information. Sincerely Martha DeLozier, PG Professional Geologist/Project Coordinator The LiRo Group Program/Construction Managers - Engineers - Architects 690 Delaware Avenue - Buffalo, New York - 14209 716.882.5476 [T] - 716.882.9640 [F] - www.liro.com Will review. AD 04/28/2020: Reviewed the report for the monitoring period: May 2019 to October 2019. It states that the Site is currently on a semi-annual gauging and sampling program. This report summarizes the results of the semiannual routine groundwater sampling and gauging which occurred on June 10-11, 2019. Wells MW-01, MW-02R2, MW-03, MW-05, MW-08, MW-09, MW-10, MW-13, MW-14R, MW-16, and MW-19 were sampled during the June 2019 event. Four (MW-01, MW-02R2, MW-03, and MW-10) of the eleven wells sampled, reported one or more VOCs at

QUEENS WEST 05/05A DOS -DDC (Continued) **S101658482**

concentrations above AWQSGV s. Total VOCs in all 11 samples ranged from ND in well MW-16 to 10,286 ug/L in well MW-02R2 during the June 2019 sampling event. Groundwater samples from wells MW-02R2 and MW-10 reported ten or more VOCs at concentrations greater than AWQSGVs. Wells MW-01 and MW-03 reported nine or less VOCs at concentrations greater than AWQSGVs. The following wells reported TVOCs less than 10 ug/L: MW-05, MW- 09, MW-13, MW-14R, and MW-19. Also included in this report are sampling results from supplemental sampling of well MW-02R2 conducted on October 14, 2019. The October 2019 sampling was conducted to better assess TVOC trends at MW-02R2. The reported TVOCs in this well was 927 ug/L. Similar to the June 2019 sample results, the October 2019 sampling results reported 12 VOCs at concentrations greater than AWQSGVs though significantly lower TVOCs. The ORC sock in well MW-02R2 was replaced during the October 2019 sampling event. No free phase product was detected in any of the accessible monitoring wells during June 2019 monitoring event. On June 10, 2019, groundwater was measured between 4.42 and 14.55 ft. below top of casing and between 9.47 to 14.40 feet above mean sea level (AMSL). The groundwater flow indicates general flow direction to the northwest. This is similar to historical groundwater flow direction. The calculated hydraulic gradient between monitoring well MW-13 and MW-19 is 0.01 feet per foot (ft/ft). EFR: During this monitoring period, EFR was completed on July 26, 2019 and September 23, 2019 at well location MW-02R2. A total of 67 gallons of groundwater was removed from well MW-02R2 during the monitoring period. Conclusions: - Groundwater contamination above AWQSGVs were reported at four wells during the monitoring period: MW-01, MW-02R2, MW-03, and MW-10. Wells MW-01, MW-02R2, MW-03 are located in the southern portion of the Site, and well MW-10 in the northern portion of the Site. - Although VOCs in well MW-02R2 have shown high variability, the overall trend is decreasing. - Down gradient wells MW-09 and MW-19 results indicate that there has not been off-site migration of the dissolved phase contaminate plume. - Past and recent soil data from well MW-02R2 and nearby soil borings shows that petroleum contaminated soils which remain on the Site are limited in area and are at depths below the water table. This deep soil contamination is likely the source of residual groundwater contamination. Well MW-02R2 is located in the portion of the Site currently used by Pepperidge Farms for warehousing (storage and distribution). - A combination of EFR and natural attenuation resulted in reduced dissolved-phase concentrations at well locations MW-03, MW-08, and MW-10 to the point where EFR was discontinued at these wells in April 2018. Quarterly EFR continues at well MW-02R2 to address dissolved-phase concentrations at this location and can be attributed to the overall decreasing TVOCs trend. The consultant will implement the following actions: - Continue semi-annual sampling and gauging. Groundwater samples will continue to be analyzed for CP-51 List VOCs. - Continue monitored natural attenuation for residual soil and groundwater contamination. - Changing (per manufacturer s recommendations) and maintaining ORC socks in well MW-02R2. - Continue quarterly EFR at monitoring well location MW-02R2. There are currently no proposals requiring NYSDEC approvals 08/06/2020: Received the following email from LiRo: Ms. Doronova, The Semi-Annual Monitoring Report for Spill No. 9006042, Former DSNY Queens West 5/5A Garage, 58-70 and 58-74 54th Street, Queens, New York, has been uploaded for your review to LiRo s website on August 6, 2020. A link to the website is included: https://private.filesanywhere.com/LiRoEngineers/fs/v.aspx?v=

QUEENS WEST 05/05A DOS -DDC (Continued) **S101658482**

8a6c6b8b9593b0b0a0a5 The report will remain on the website for a period of one year. Please note, that in light of the current circumstances, until further notice, no hard copies will be mailed to your office. Please feel free to contact Steve Frank at franks@liro.com or myself if you need additional information. Sincerely Martha DeLozier, PG Professional Geologist/Project Coordinator The LiRo Group Integrated Construction, Design, and Technology Solutions 690 Delaware Avenue - Buffalo, New York - 14209 716.882.5476 [T] - 716.882.9640 [F] - www.liro.com Will review. AD 09/21/2020: Reviewed the report. It states that the Site is currently on a semi-annual gauging and sampling program. Groundwater beneath the Site occurs under unconfined conditions at 9 to 15 ft. bgs within the unconsolidated glacial till sediments. Groundwater flow beneath the Site is generally in a northwesterly direction. No free phase product was detected in any of the accessible monitoring wells during this monitoring event. Routine semi-annual groundwater sampling/gauging was completed on November 11-12, 2019. Wells MW-01, MW-02R2, MW-03, MW-05, MW-08, MW-09, MW-10, MW-13, MW-14R, MW-16, and MW-19 were sampled during the November 2019 event. Four (MW-01, MW-02R2, MW-03, and MW-10) of the eleven wells sampled, reported one or more VOCs at concentrations above AWQSGV s. Total VOCs in all eleven samples ranged from ND in wells MW-13, MW-14R, and MW-19 to 1,085 ug/L in well MW-02R2. Groundwater samples from wells MW-02R2 and MW-10 reported ten or more VOCs at concentrations greater than AWQSGVs. Wells MW-01 and MW-03 reported ten or less VOCs at concentrations greater than AWQSGVs. The following 3 wells reported TVOCs less than 10 ug/L: MW-05, MW-08 and MW-19. Conclusions: - Groundwater contamination above AWQSGVs were reported at four wells during the monitoring period: MW-01, MW-02R2, MW-03, and MW-10. Wells MW-01, MW-02R2, MW-03 are located in the southern portion of the Site, and well MW-10 in the northern portion of the Site. - Although VOC concentrations in well MW-02R2 have shown high variability, the overall trend is decreasing. - Down gradient wells MW-09 and MW-19 results indicate that there has not been off-site migration of the dissolved phase contaminate plume. - Soil data from well MW-02R2 shows that petroleum contaminated soils which remain on the Site are limited in area and are below the water table. This deep soil contamination is likely the source of residual, localized groundwater contamination. Well MW-02R2 is located in the portion of the Site currently used by Pepperidge Farms for warehousing (storage and distribution). - Quarterly EFR continues at well MW-02R2 to address dissolved-phase concentrations and there appears to be an overall decreasing TVOC concentration trend at this location. URS will be doing the following actions: - Continue semi-annual sampling and gauging. Groundwater samples will continue to be analyzed for CP-51 List VOCs. - Continue monitored natural attenuation for residual soil and groundwater contamination. - Changing (per manufacturer s recommendations) and maintaining ORC socks in well MW-02R2. - Continue quarterly EFR at monitoring well location MW-02R2. There are currently no proposals requiring NYSDEC approvals. AD"

Remarks: "DURING EXCAVATION FOR TESTING DISCOVERED STRONG ODOR OF PETROLEUM. Also see spill # 9506719."

All Materials:

Site ID: 274135
Operable Unit ID: 946684
Operable Unit: 01
Material ID: 433520

QUEENS WEST 05/05A DOS -DDC (Continued) **S101658482**

Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	L
Recovered:	.00
Oxygenate:	Not reported

V245 **ERM COMPANY** **NY LTANKS** **S109064252**
ESE **58-74 54TH STREET** **N/A**
1/4-1/2 **MASPATH, NY**
0.408 mi.
2152 ft. **Site 3 of 3 in cluster V**

Relative:
Higher

Actual:
25 ft.

LTANKS:

Name:	ERM COMPANY
Address:	58-74 54TH STREET
City,State,Zip:	MASPATH, NY
Spill Number/Closed Date:	0800657 / 2009-08-24
Facility ID:	0800657
Site ID:	396445
Spill Date:	2008-04-16
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	jamaison
Referred To:	CLOSED 8/24/09 CROSS REF 9006042
Reported to Dept:	2008-04-16
CID:	444
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2008-04-16
Spill Record Last Update:	2009-08-24
Spiller Name:	CHRIS WENZEL
Spiller Company:	ERM COMPANY
Spiller Address:	58-74 54TH STREET
Spiller County:	001
Spiller Contact:	CHRIS WENZEL
Spiller Phone:	(631) 756-8920
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	345933
DEC Memo:	"Cross Ref Spill # 9006042 Sangesland spoke to Chris Wenzel of ERM. He said the spill is associated with a 1080 gal #2 oil tank at a former DOS garage. Cleanup is being managed by NYC DDC. Current owner got a PBS Violation (hearing in May 08?) because the tanks were inspected by PBS and found to be registered as active but not in service. Mr. Wenzel would like to pull the 1080 tank out, but he does not want to cause a problem with the existing contamination work

ERM COMPANY (Continued) **S109064252**

being done on the site. 6/5/08 Spill case was reassigned from Sangesland to J.A. Maisonave Received a call from Chris Wenczel at ERM today asking about this open spill number. He told me that two tanks (including the 1080gal UST) will be closed and he will file registration forms with PBS to do so. I asked for notice when the tanks will be removed and proper sampling procedures must be conducted. A closure report will be sent to me. - JAM 6/10/08 Conference call with Chris Wenczel at ERM and Manford Bohms at Berry Bridge Co. They want to close the two USTs located on their site. A consent order requires closure within 90 days. The tanks are beneath a structural slab at least 16inches thick with 3/4inch rebar. They suggested closing the tanks in place. I requested that soil borings be advanced around the tank and groundwater samples be collected as well. They will submit a letter work plan for my approval. (Ref spill #9006042) - JAM 6/20/08 Spoke to Chris Wenczel about the Investigation Work Plan, which was submitted as a letter on 6/19/08. They will do pre-closure sampling to characterize soil conditions beneathe the tank. The work plan proposes advancing 4 soil borings around the tank to a depth of approx 10' (above the water table) and collecting one soil sample from each. A fifth boring will be advanced downgradient to collect a groundwater grab sample (no soil sample). Work Plan uploaded to edocs. I called Mr. Wenczel and requested that all borings be advanced below the water table. Two soil samples be collected from each boring (one from the interval with the highest PID reading and another from directly above the water table) and two groundwater grab samples be collected (one from the downgradient boring and another from the tank boring with the highest PID reading in the soil). I also requested that an additional boring be advanced near the fill port and soil and grab samples collected from there as well. - JAM 7/11/08 Reviewed the Revised Investigation Work Plan submitted by ERM on June 26, 2008. ERM proposes the following 1) Advancing 6 soil borings (four in the UST area, one in the fill port area, and one 15 feet downgradient of the UST area). 2) Collecting two soil samples from each boring (one from the interval with the highest PID reading and another from the interval directly above the water table). 3) Collecting 3 water samples (one from an existing up-gradient well, one from the boring near the USTs with the highest PID reading, and one from the boring 15 feet directly downgradient from the UST area). I sent email approval today with one modification. A fourth groundwater grab sample should be collected from the boring near the fill ports. The Revised IWP and the email approval are uploaded to eDocs. - JAM 10/23/08 Reviewed the Underground Storage Tank Pre-Closure Investigation submitted by ERM and dated Oct. 7, 2008. The Investigation was performed on August 5-6, 2008 and consisted of installing a total of six soil borings. Two soil samples were collected from each boring and four groundwater samples were collected, one from existing monitoring well MW-5 and one from soil borings SB-01, SB-02 and SB-03. All soil sample results were returned non-detect for VOCs. Some SVOCs were observed with some exceedences in SB-01. The groundwater samples were returned with detections of total VOCs at 121ppb and 7755ppb in MW-05 and SB-03, respectively. Samples from SB-01 and SB-02 were ND and 12ppb, respectively. ERM and Berry Bridge Co. would like to close the two USTs in place because of a structural floor slab that is approx. 16in thick with reinforced concrete. Conclusion: Based on this data and groundwater data from Roux, there are two separate groundwater plumes at the site at the Queens W5 portion and at the Queens W5A portion of

ERM COMPANY (Continued) **S109064252**

the site. No soil contamination was detected around the tanks however, soil beneath the tanks may be contaminated and may act as a source of contamination. At a minimum a remedial plan that addresses contaminated groundwater at both portions of the site should be proposed. I spoke with Chris Wenczel at ERM and Brian Morrissey at Roux today. I recommended that the tanks be removed if possible to see if underlying soil is contaminated. If so it can be removed. Mr. Wenczel believes Berry Bridge will close the tanks in-place due to the structural slab. I recommended to Mr. Morrissey that Greyhawk/Roux secure access to the site, conduct the confirmatory soil investigation approved by DEC in Sept. 2007 (see spill no. 9006042), and propose a groundwater remedy. - JAM 11/06/08 Had a conference call with Jon Kolleeny, Chris Wenscel from ERM, and two representatives from Berry Bridge. Corp, Kevin Lumpe and Manford Bohms. They will submit to the PBS Unit a request for extension to the compliance schedule so we can evaluate if removing the tanks is feasible. - JAM 3/20/09 Berry Bridge began in-place closure activities for the 2 USTs on 3/19/09. I visited the site today to witness the tank closure. The tops of both tanks were exposed and the contractor will shore the excavation prior to opening the tanks. The bottom of the tanks will also be opened and if possible, a soil sample will be collected (tank bottoms might be below the water table which is around 11feet). Fieldwork will continue next week. - JAM 3/23/09 Visited site today to observe closure activities on the two USTs. The tops were cut open so that the crew could enter and clean the tanks. Each tank was a double-walled steel tank with a third wall of fiberglass on the outer steel wall. The diesel tank was found to be smaller than what ERM stated in the Pre-closure Investigation Summary Report . The diesel tank is about 1,000-gallons and while it was being cleaned, water was entering from a seam on the bottom of the tank. It is not known if the water was coming from in between the two steel walls or if the groundwater was coming through both walls. I called Chris Wenczel at ERM to discuss further. Since the tank invert is at the water table, they may not be able to collect a soil sample from directly beneath the tank. - JAM 3/24/09 Visited the site today. Water that was found entering the bottom of the diesel tank, was just water trapped beneath a steal reinforcement sheet. Once the steel sheet was removed, the remaining water was vacuumed out and did not reenter from the bottom of the tank. The bottom of both tanks did not have any holes or corrosion. Each tank was backfilled today with clean sand and the the concrete floor will be patched up tomorrow. A tank closure report will be submitted by ERM. - JAM 8/24/09 Reviewed the Underground Storage Tank Closure Report submitted by ERM dated May 22, 2009. On March 19-25, 2009, two USTs; one 1,080-gallon gasoline UST and one 2,000-gallon diesel UST, were closed in place. The tanks were emptied, cleaned and inspected prior to being backfilled, and were found to be in good condition. Both tanks were double-walled steel with a fiberglass outer shell. Prior to in-place closure, ERM performed an investigation around the tanks to determine if there was a release. Six soil borings were advanced to a depth of 15 feet. Groundwater was encountered at 11.5-13 feet. Eleven soil samples were collected and no VOCs were detected in any of the samples. SVOCs were detected in all the soil samples with only minor exceedences of SCOs. Petroleum related VOCs were deteced in all groundwater samples with one or more coupounds present at concentrations exceeding their respective GWQS&GV in samples MW-05, SB-2 and SV-3. No VOCs were detected at concentrations exceeding GWQS

ERM COMPANY (Continued) **S109064252**

in sample SB-01. No SVOCs were detected at concentrations above their GWQSs in samples MW-05, SB-01 and SB-02. Only Napthalene was detected in sample SB-03 which exceeded its respective GWQS. ERM concludes that a release never occured from these tanks. A tightness test perfromed before the pre-closure investigation and the closure activities and the 1,080-gallon gasoline UST failed. ERM concludes that the integrity of the tank system was compromised after the tanks were removed from use and while the tanks were inactive for the past 13 years. The groundwater contamination observed is related to the historic UST release being addressed by the DDC and these tanks did not contribute to the groundwater plume. The Underground Storage Tank Closure Report is uploaded to eDocs. Since contamination was not observed in the soil column and the tanks were observed in good condtion, this spill case will be closed. A Spill Case Closure letter was issued today to Manfred Bohms at Steel Equities. Spill Closure letter uploaded to eDocs. - JAM"

Remarks: ""

All TTF:

Facility ID:	0800657
Spill Number:	0800657
Spill Tank Test:	2453527
Site ID:	396445
Tank Number:	Not reported
Tank Size:	1080
Material:	0001
EPA UST:	Not reported
UST:	True
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified Date:	Not reported

All Materials:

Site ID:	396445
Operable Unit ID:	1153414
Operable Unit:	01
Material ID:	2144170
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

W246 **BFI (598-636 SCHOLES STREET)** **NY SWF/LF** **S112258024**
South **598-636 SCHOLES STREET** **NY SWRCY** **N/A**
1/4-1/2 **BROOKLYN, NY 11237**
0.412 mi.
2174 ft. **Site 1 of 3 in cluster W**

Relative:
Higher

Actual:
16 ft.

SWF/LF:

Name:	BFI (598-636 SCHOLES STREET)
Address:	598-636 SCHOLES STREET
City,State,Zip:	BROOKLYN, NY 11237
Flag:	INACTIVE
Region Code:	2
Phone Number:	6102866844
Owner Name:	BFI Waste Systems of New Jersey
Owner Type:	Private
Owner Address:	420 Quarry Road
Owner Addr2:	Not reported
Owner City,St,Zip:	Morgantown, PA 19543
Owner Email:	Not reported
Owner Phone:	6102866844
Contact Name:	Not reported
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	Transfer station - permit
Activity Number:	[24T25]
Active:	No
East Coordinate:	590859
North Coordinate:	4507332
Accuracy Code:	Not reported
Regulatory Status:	None
Waste Type:	MSW (Residential/Institutional & Commercial)
Authorization #:	2-6104-00022/00001
Authorization Date:	11/30/2010
Expiration Date:	11/30/2015
Operator Name:	Mark Pedersen
Operator Type:	Private
Laste Date:	Not reported

SWRCY:

Name:	BFI (598-636 SCHOLES STREET)
Address:	598-636 SCHOLES STREET
City,State,Zip:	BROOKLYN, NY 11237
Region:	2
Facility Address 2:	Not reported
Phone Number:	6102866844
Owner Type:	Private
Owner Name:	BFI Waste Systems of New Jersey
Owner Address:	420 Quarry Road
Owner Address 2:	Not reported
Owner City,St,Zip:	Morgantown, PA 19543
Owner Email:	Not reported
Owner Phone:	6102866844
Contact Name:	Not reported
Contact Address:	Not reported
Contact Address 2:	Not reported
Contact City,St,Zip:	Not reported

BFI (598-636 SCHOLES STREET) (Continued) **S112258024**

Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	RHRF - registration
Activity Number:	[24M25]
Active:	No
East Coordinate:	590859
North Coordinate:	4507332
Accuracy Code:	Not reported
Regulatory Status:	None
Permit #:	2-6104-00022/00001
Auth. Date:	11/30/2010
Expiration Date:	11/30/2015
Waste Types:	Commingled Recyclables;Commingled Paper
Operator Name:	Mark Pedersen
Operator Type:	Private
Last Date:	Not reported

W247 **ALLOCCO RECYCLING LTD (SCHOLES ST)** **NY SWRCY** **S103272921**
South **575 SCHOLES STREET** **NY Spills** **N/A**
1/4-1/2 **BROOKLYN, NY 11237**
0.413 mi.
2179 ft. **Site 2 of 3 in cluster W**

Relative:
Higher

Actual:
15 ft.

SWRCY:

Name:	ALLOCCO RECYCLING LTD (SCHOLES ST)
Address:	575 SCHOLES STREET
City,State,Zip:	BROOKLYN, NY 11237
Region:	2
Facility Address 2:	Not reported
Phone Number:	7183493094
Owner Type:	Private
Owner Name:	Michael Allocco
Owner Address:	540 Kingsand Ave
Owner Address 2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11222
Owner Email:	Mike@alloccorecycling.com
Owner Phone:	7183493094
Contact Name:	Not reported
Contact Address:	Not reported
Contact Address 2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	RHRF - registration
Activity Number:	[24MG6]
Active:	No
East Coordinate:	590866
North Coordinate:	4507400
Accuracy Code:	Not reported
Regulatory Status:	Registration
Permit #:	24MG6
Auth. Date:	3/28/2014
Expiration Date:	Not reported
Waste Types:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Last Date:	10/26/2016

ALLOCCO RECYCLING LTD (SCHOLES ST) (Continued) **S103272921**

SPILLS:

Name:	575 SCHOLES ST/B'KLYN/JLJ
Address:	575 SCHOLES ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	8707214 / 1987-11-21
Facility ID:	8707214
Facility Type:	ER
DER Facility ID:	146106
Site ID:	173694
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	Not reported
SWIS:	2401
Spill Date:	1987-11-21
Investigator:	UNASSIGNED
Referred To:	Not reported
Reported to Dept:	1987-11-21
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Fire Department
Cleanup Ceased:	1987-11-21
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1987-11-27
Spill Record Last Update:	2003-08-20
Spiller Name:	Not reported
Spiller Company:	JLJ CO.
Spiller Address:	575 SCHOLES ST
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was "
Remarks:	"TANK PARTIALLY FILLED WITH PRODUCT WAS BEING CUT UP BY SCRAP YARD. CONTACT: STEVE SPALIRO (718) 366-6513."

All Materials:

Site ID:	173694
Operable Unit ID:	912946
Operable Unit:	01
Material ID:	466181
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	50.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	575 SCHOLES AVENUE
Address:	575 SCHOLES AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9610612 / 1996-11-25

ALLOCCO RECYCLING LTD (SCHOLES ST) (Continued) **S103272921**

Facility ID:	9610612
Facility Type:	ER
DER Facility ID:	199340
Site ID:	242575
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	B3
SWIS:	2401
Spill Date:	1996-11-25
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	1996-11-25
CID:	351
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Fire Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1996-11-25
Spill Record Last Update:	2007-02-27
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	FIREMAN CASTAGNA
DEC Memo:	""
Remarks:	"FD ON SCENE OF SPILL - LITTLE INFO AT THIS TIME - IN PROCESS OF RECOVERING"

All Materials:

Site ID:	242575
Operable Unit ID:	1042047
Operable Unit:	01
Material ID:	342826
Material Code:	0029C
Material Name:	hydrogen chloride
Case No.:	07647010
Material FA:	Hazardous Material
Quantity:	15.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

W248 **GADS INC** **NY SWF/LF** **S107406892**
South **594 SCHOLES STREET** **N/A**
1/4-1/2 **BROOKLYN, NY 11237**
0.413 mi.
2179 ft. **Site 3 of 3 in cluster W**

Relative:
Higher

Actual:
16 ft.

SWF/LF:

Name:	GADS INC
Address:	594 SCHOLES STREET
City,State,Zip:	BROOKLYN, NY 11237

GADS INC (Continued) **S107406892**

Flag:	ACTIVE
Region Code:	2
Phone Number:	7184162190
Owner Name:	Michael Allocco
Owner Type:	Private
Owner Address:	540 Kingsland Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11222
Owner Email:	Not reported
Owner Phone:	7183493094
Contact Name:	Anthony Strano
Contact Address:	594 Scholes Street
Contact Addr2:	Not reported
Contact City,St,Zip:	Brooklyn, NY 11237
Contact Email:	anthony@alloccorecycling.com
Contact Phone:	7184182190
Activity Desc:	C&D processing - permit
Activity Number:	[24WF7]
Active:	Yes
East Coordinate:	590889
North Coordinate:	4507379
Accuracy Code:	Not reported
Regulatory Status:	Permit
Waste Type:	Construction & Demolition Debris;Metals (Ferrous);Metals (Non-Ferrous);Concrete;Paper / Cardboard;Plastics;Wood (Chips);Wood (Unadulterated)
Authorization #:	2-6104-01347/00001
Authorization Date:	11/30/2015
Expiration Date:	11/29/2020
Operator Name:	Michael Allocco
Operator Type:	Private
Laste Date:	Not reported

249
NW
1/4-1/2
0.430 mi.
2273 ft.

LOMBARDY STREET LANDFILL **NY HSWDS** **S108147104**
295 LOMBARDY STREET **N/A**
BROOKLYN, NY 11222

Relative:
Higher

Actual:
14 ft.

HSWDS:

Facility ID:	Not reported
Region:	2
Facility Status:	None
Owner Type:	Puplic
Owner:	Jones Motor Trucking Co.
Owner Address:	925 Lombardy St.
Owner Phone:	(212)782-5300
Operator Type:	Puplic
Operator:	Pfizer Co.
Operator:	Pfizer Co.
Operator Phone:	Unknown
EPA ID:	NYD980532360
Registry:	Not on NYS Registry of Inactive Haz Waste Disposal Sites
Registry Site ID:	None
RCRA Permitted:	Unknown
Site Code:	Industrial Landfill
Owner City State:	Brooklyn, NY 11222
Operator City State:	Not reported

LOMBARDY STREET LANDFILL (Continued) **S108147104**

Quadrange:	Unknown
Latitude:	40 43'20"N
Longitude:	73 56'00"W
Acres:	2.00
Operator Date:	1924
Close Date:	1964
Completed:	PA
Active:	Unknown
PCB's Disposed:	Unknown
Pesticides Disposed:	Unknown
Metals Disposed:	Unknown
Asbestos Disposed:	Unknown
Volatile Organic Compounds Disposed:	Unknown
Semi Volatile Organic Compounds Disposed:	Unknown
Analytical Info Exists for Air:	Not reported
Analytical Info Exists for Ground:	None
Analytical Info Exists for Surface:	Not reported
Analytical Info Exists for Sediments:	Not reported
Analytical Info Exists for Surface:	Not reported
Analytical Info Exists for Substance:	Not reported
Analytical Info Exists for Waste:	Not reported
Analytical Info Exists for Leachate:	Not reported
Analytical Info Exists for EP Toxicity:	Not reported
Analytical Info Exists for TCLP:	Not reported
Threat to Environment/Public Health:	Environmental/Public
Surface Water Contamination:	Unknown
Surface Water Body Class:	Unknown
Groundwater Contamination:	Unknown
Groundwater Classification:	Unknown
Drinking Water Contamination:	No
Drinking Water Supply is Active:	Unknown
Any Known Fish or Wildlife:	No
Hazardous Exposure:	Unknown
Site Has Controlled Acess:	Unknown
Ambient Air Contamination:	Unknown
Direct Contact:	Unknown
EPA Hazardous Ranking System Score:	Unknown
Inventory:	F
Nefrap:	Not reported
Mailing:	Not reported
Tax Map No:	Not reported
Qualify:	0
Next Action:	Not reported
Agencies:	Not reported
Air:	Not reported
Building:	Not reported
Site Desc:	Not reported
Drink:	Not reported
Eptox:	Not reported
Fish:	Not reported
Ground:	Not reported
Ground Desc:	Not reported
Hazardous Threat:	Not reported
Haz Threat Desc:	Not reported
Leachate:	Not reported
Preparer:	Not reported
Sediment:	Not reported

LOMBARDY STREET LANDFILL (Continued) **S108147104**

Soil: Not reported
Surface: Not reported
Status: Not reported
Surface Soil: Not reported
Surface: Not reported
TCLP: Not reported
Waste: Not reported

250
SW
1/4-1/2
0.436 mi.
2302 ft.

Relative:
Lower

Actual:
-1 ft.

NEWTOWN CREEK SUPERFUND SITE
NEWTOWN CRK - N LAT 40.715192
NEW YORK, NY 99999

NPL **1011845384**
SEMS **NYN000206282**
RCRA-SQG
ROD
PRP
NY MANIFEST

NPL:
EPA Region: 2
EPA ID: NYN000206282
Site ID: 206282
Name: NEWTOWN CREEK
Address: SOUTH END OF IVY HILL ROAD
City,State,Zip: BROOKLYN, QUEENS, NY 11222
Federal: N
Final Date: 2010-09-29 00:00:00
Latitude: 40.715192
Longitude: -73.930762
Site Score: 50

SEMS:
Site ID: 0206282
EPA ID: NYN000206282
Name: NEWTOWN CREEK
Address: SOUTH END OF IVY HILL ROAD
Address 2: Not reported
City,State,Zip: BROOKLYN, QUEENS, NY 11222
Cong District: 12
FIPS Code: Not reported
Latitude: +40.715192
Longitude: -073.930762
FF: N
NPL: Currently on the Final NPL
Non NPL Status: Not reported

SEMS Detail:
Region: 02
Site ID: 0206282
EPA ID: NYN000206282
Site Name: NEWTOWN CREEK
NPL: F
FF: N
OU: 00
Action Code: NF
Action Name: NPL FINL
SEQ: 1
Start Date: 2010-09-29 04:00:00
Finish Date: 9/29/2010 4:00:00 AM
Qual: Not reported

NEWTOWN CREEK SUPERFUND SITE (Continued) **1011845384**

Current Action Lead: EPA Perf

Region: 02
Site ID: 0206282
EPA ID: NYN000206282
Site Name: NEWTOWN CREEK
NPL: F
FF: N
OU: 01
Action Code: CO
Action Name: RI/FS
SEQ: 1
Start Date: 2010-02-05 05:00:00
Finish Date: 7/7/2011 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 02
Site ID: 0206282
EPA ID: NYN000206282
Site Name: NEWTOWN CREEK
NPL: F
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 2008-08-15 05:00:00
Finish Date: 8/15/2008 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 02
Site ID: 0206282
EPA ID: NYN000206282
Site Name: NEWTOWN CREEK
NPL: F
FF: N
OU: 00
Action Code: HR
Action Name: HAZRANK
SEQ: 1
Start Date: 2009-06-01 05:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 02
Site ID: 0206282
EPA ID: NYN000206282
Site Name: NEWTOWN CREEK
NPL: F
FF: N
OU: 00
Action Code: NP
Action Name: PROPOSED
SEQ: 1

NEWTOWN CREEK SUPERFUND SITE (Continued) **1011845384**

Start Date:	2009-09-23 04:00:00
Finish Date:	9/23/2009 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	02
Site ID:	0206282
EPA ID:	NYN000206282
Site Name:	NEWTOWN CREEK
NPL:	F
FF:	N
OU:	02
Action Code:	RO
Action Name:	ROD
SEQ:	3
Start Date:	2021-04-12 04:00:00
Finish Date:	4/12/2021 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	02
Site ID:	0206282
EPA ID:	NYN000206282
Site Name:	NEWTOWN CREEK
NPL:	F
FF:	N
OU:	01
Action Code:	TA
Action Name:	TECH ASSIST
SEQ:	2
Start Date:	2014-10-31 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	02
Site ID:	0206282
EPA ID:	NYN000206282
Site Name:	NEWTOWN CREEK
NPL:	F
FF:	N
OU:	01
Action Code:	TA
Action Name:	TECH ASSIST
SEQ:	1
Start Date:	2014-09-11 05:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	02
Site ID:	0206282
EPA ID:	NYN000206282
Site Name:	NEWTOWN CREEK
NPL:	F
FF:	N
OU:	01

NEWTOWN CREEK SUPERFUND SITE (Continued) **1011845384**

Action Code: BD
Action Name: PRP RI/FS
SEQ: 1
Start Date: 2011-07-07 05:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 02
Site ID: 0206282
EPA ID: NYN000206282
Site Name: NEWTOWN CREEK
NPL: F
FF: N
OU: 03
Action Code: NK
Action Name: PRP FS
SEQ: 2
Start Date: 2019-07-24 05:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 02
Site ID: 0206282
EPA ID: NYN000206282
Site Name: NEWTOWN CREEK
NPL: F
FF: N
OU: 02
Action Code: NK
Action Name: PRP FS
SEQ: 1
Start Date: 2018-12-20 06:00:00
Finish Date: 4/12/2021 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Ovrsght

RCRA-SQG:
Date Form Received by Agency: 2012-03-21 00:00:00.0
Handler Name: NEWTOWN CREEK SUPERFUND SITE
Handler Address: NEWTOWN CRK - N LAT 40.715192
Handler City,State,Zip: NEW YORK, NY 99999
EPA ID: NYN000206282
Contact Name: JIM QUADRINI
Contact Address: W GRAND AVE STE 300
Contact City,State,Zip: MONTVALE, NJ 07645-1813
Contact Telephone: 201-930-9890 1012
Contact Fax: 201-930-9805
Contact Email: JQUADRINI@ANCHORQEA.COM
Contact Title: PARTNER ANCHOR QEA
EPA Region: 02
Land Type: Other
Federal Waste Generator Description: Small Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: Not reported

NEWTOWN CREEK SUPERFUND SITE (Continued) **1011845384**

Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	W GRAND AVE STE 300
Mailing City,State,Zip:	MONTVALE, NJ 07645-1813
Owner Name:	CAROLINE KWAN-US EPA
Owner Type:	Private
Operator Name:	DAY PITNEY LLP
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported

NEWTOWN CREEK SUPERFUND SITE (Continued) **1011845384**

Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D004
Waste Description:	ARSENIC
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D010
Waste Description:	SELENIUM
Waste Code:	D015
Waste Description:	TOXAPHENE (C10 H10 CL8, TECHNICAL CHLORINATED CAMPHENE, 67-69 PERCENT CHLORINE)
Waste Code:	D020
Waste Description:	CHLORDANE
Waste Code:	D031
Waste Description:	HEPTACHLOR (AND ITS EPOXIDE)

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CAROLINE KWAN-US EPA
Legal Status:	Private
Date Became Current:	1980-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	290 BROADWAY
Owner/Operator City,State,Zip:	NEW YORK, NY 10007
Owner/Operator Telephone:	212-637-4275
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	DAY PITNEY LLP
Legal Status:	Private
Date Became Current:	2012-04-16 00:00:00.

NEWTOWN CREEK SUPERFUND SITE (Continued) **1011845384**

Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2012-03-21 00:00:00.0
Handler Name:	NEWTOWN CREEK SUPERFUND SITE
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	54162
NAICS Description:	ENVIRONMENTAL CONSULTING SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

ROD:

No Details:	No Details

PRP:

PRP Name:
APOLLO PETROLEUM TRANSPORT LLC
APOLLO PIPELINE LLC
APOLLO TRANSPORT INC
BP AMERICA HEADQUARTERS
BP AMERICA HEADQUARTERS
BP AMERICA HEADQUARTERS
BROOKLYN UNION GAS
BROOKLYN UNION GAS
BROOKLYN UNION GAS
EXXONMOBIL CORPORATION
EXXONMOBIL CORPORATION
EXXONMOBIL CORPORATION
GETTY PETROLEUM MARKETING INC
GETTY TERMINALS CORP
KINGS LAND REALTY INC
METRO BIOFUELS LLC
METRO ENERGY GROUP LLC
METRO FUEL OIL CO.

NEWTOWN CREEK SUPERFUND SITE (Continued) **1011845384**

METRO PLUMBING SERVICES CORP
METRO TERMINALS CORP

Click this hyperlink while viewing on your computer to access
9 additional PRP: record(s) in the EDR Site Report.

NY MANIFEST:

Name:	NEWTOWN CREEK SUPERFUND SITE
Address:	NEWTOWN CRK - N LAT 40.715192
City,State,Zip:	NEW YORK, NY 99999
Country:	USA
EPA ID:	NYN000206282
Facility Status:	Not reported
Location Address 1:	- VERNON BLVD
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	LONG ISLAND CITY
Location State:	NY
Location Zip:	11101
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYN000206282
Mailing Name:	NEWTOWN CREEK SUPERFUND SITE
Mailing Contact:	C/O ANCHOR QEA LLC
Mailing Address 1:	TICE BLVD - SUITE
Mailing Address 2:	Not reported
Mailing City:	WO0ODCLIFF LAKE
Mailing State:	NJ
Mailing Zip:	07677
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2015710912

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	Not reported
Trans1 State ID:	CTD021816889
Trans2 State ID:	Not reported
Generator Ship Date:	10/31/2014
Trans1 Recv Date:	10/31/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	10/31/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYN000206282
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	CTD021816889
TSDF ID 2:	Not reported
Manifest Tracking Number:	013301186JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N

NEWTOWN CREEK SUPERFUND SITE (Continued) **1011845384**

Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	55
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Waste Code:	F003
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

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251 **55-04 MASPETH AVE/QUEENS** **NY LTANKS** **S100493087**
ENE **55-04 MASPETH AVENUE** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
0.438 mi.
2313 ft.

Relative: **Higher**

Actual: **20 ft.**

LTANKS:

Name:	55-04 MASPETH AVE/QUEENS
Address:	55-04 MASPETH AVENUE
City,State,Zip:	NEW YORK CITY, NY
Spill Number/Closed Date:	9012744 / 2002-03-14
Facility ID:	9012744
Site ID:	288400
Spill Date:	1991-03-12
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	a3
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	MCTIBBE
Referred To:	Not reported
Reported to Dept:	1991-03-12
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1991-06-13

55-04 MASPETH AVE/QUEENS (Continued) **S100493087**

Spill Record Last Update:	2003-10-16
Spiller Name:	Not reported
Spiller Company:	NYCTA
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	233593
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE see also 90-09159. tanks repaired/replaced/upgraded. spill closure investigation pending. SEE FILE."
Remarks:	"TANK TEST FAILURE -.158GPH."

All TTF:

Facility ID:	9012744
Spill Number:	9012744
Spill Tank Test:	1538330
Site ID:	288400
Tank Number:	Not reported
Tank Size:	0
Material:	0008
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	288400
Operable Unit ID:	952512
Operable Unit:	01
Material ID:	429208
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	L
Recovered:	.00
Oxygenate:	Not reported

252
SSW
1/4-1/2
0.442 mi.
2332 ft.

CASALINO INTERIOR DEMOLITION
213 MEADOW ST
BROOKLYN, NY 11237

NY SWF/LF
NY Spills

S105841899
N/A

Relative:
Higher

Actual:
14 ft.

SWF/LF:

Name:	CASALINO INTERIOR DEMOLITION
Address:	213 MEADOW ST
City,State,Zip:	BROOKLYN, NY 11237
Flag:	INACTIVE
Region Code:	2
Phone Number:	7184782292
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	CASALINO; ANTHONY OWNER
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	C&D processing - registration
Activity Number:	[24W33]
Active:	No
East Coordinate:	590550
North Coordinate:	4507452
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Waste Type:	Not reported
Authorization #:	2-6104-00009
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

SPILLS:

Name:	213 MEADOW ST.
Address:	213 MEADOW ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9315532 / 1994-03-31
Facility ID:	9315532
Facility Type:	ER
DER Facility ID:	177864
Site ID:	214676
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	2401
Spill Date:	1994-03-31
Investigator:	CAMMISA
Referred To:	Not reported
Reported to Dept:	1994-03-31
CID:	Not reported

CASALINO INTERIOR DEMOLITION (Continued) **S105841899**

Water Affected:	Not reported
Spill Source:	Tank Truck
Spill Notifier:	Responsible Party
Cleanup Ceased:	1994-03-31
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1994-04-05
Spill Record Last Update:	2004-09-30
Spiller Name:	Not reported
Spiller Company:	WHALECO
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	""
Remarks:	"SPILL CONTAINED ON CONCRETE PIER - CLEAN UP IN PROGRESS BY WHALECO."

All Materials:

Site ID:	214676
Operable Unit ID:	997568
Operable Unit:	01
Material ID:	387281
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-5.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

X253 **STAR CORRUGATED BOX CO INC** **RCRA-VSQG** **1000351051**
East **55-15 GRAND AVE** **NY LTANKS** **NYD001281468**
1/4-1/2 **MASPETH, NY 11378** **NY Spills**
0.445 mi. **FINDS**
2351 ft. **Site 1 of 2 in cluster X** **ECHO**
NY MANIFEST

Relative:
Higher

Actual:
18 ft.

RCRA-VSQG:

Date Form Received by Agency:	2007-01-01 00:00:00.0
Handler Name:	STAR CORRUGATED BOX CO INC
Handler Address:	55-15 GRAND AVE
Handler City,State,Zip:	MASPETH, NY 11378
EPA ID:	NYD001281468
Contact Name:	Not reported
Contact Address:	GRAND AVE
Contact City,State,Zip:	MASPETH, NY 11378
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported

STAR CORRUGATED BOX CO INC (Continued) **1000351051**

Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	GRAND AVE
Mailing City,State,Zip:	MASPETH, NY 11378
Owner Name:	STAR CORRUGATED BOX
Owner Type:	Private
Operator Name:	STAR CORRUGATED BOX
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No

STAR CORRUGATED BOX CO INC (Continued) **1000351051**

Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	STAR CORRUGATED BOX
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	STAR CORRUGATED BOX
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	STAR CORRUGATED BOX
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1999-07-14 00:00:00.0
Handler Name:	STAR CORRUGATED BOX CO INC
Federal Waste Generator Description:	Small Quantity Generator

STAR CORRUGATED BOX CO INC (Continued) **1000351051**

State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2006-01-01 00:00:00.0
Handler Name: STAR CORRUGATED BOX CO INC
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2007-01-01 00:00:00.0
Handler Name: STAR CORRUGATED BOX CO INC
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1986-12-15 00:00:00.0
Handler Name: STAR CORRUGATED BOX CO INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1992-09-23 00:00:00.0
Handler Name: STAR CORRUGATED BOX CO INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No

STAR CORRUGATED BOX CO INC (Continued) **1000351051**

Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 322211
NAICS Description: CORRUGATED AND SOLID FIBER BOX MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

LTANKS:
Name: FORMER NORAMPAC NYC / STAR CORRUGATED BOX COMP
Address: 55-15 GRAND AVE
City,State,Zip: MASPETH, NY
Spill Number/Closed Date: 8801503 / 2018-04-16
Facility ID: 8801503
Site ID: 299176
Spill Date: 1988-05-18
Spill Cause: Tank Test Failure
Spill Source: Gasoline Station or other PBS Facility
Spill Class: A3
Cleanup Ceased: Not reported
SWIS: 4101
Investigator: RVKETANI
Referred To: 041618 SENT SPILL CLOSURE LETTER
Reported to Dept: 1988-05-18
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 1988-07-05
Spill Record Last Update: 2018-04-16
Spiller Name: Not reported
Spiller Company: STAR CORRUGATED BOX COMP
Spiller Address: 55-11 GRAND AVE
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 242052
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was SUN 11/28/01 REASSIGNED FROM BATISTA TO MILLER. WORKPLAN, DATED 8/8/01, CONDITIONALLY APPROVED 11/28/01. [[[CROSS-REFERENCE SPILL NUMBER 9404494 - PROPOSED SEMIANNUAL GROUND WATER MONITORING PLAN

STAR CORRUGATED BOX CO INC (Continued) **1000351051**

APPROVED FOR FORMER 5K UST. 2/17/04, THE LATTER, SPILL REPORT #9404494, WAS UPDATED: FEW VERY LOW LEVEL DISSOLVED VOCS - NO FURTHER ACTION NOTED.]]] 3/8/04, MILLER: SENT LETTER TO FPM/STARCORP CONCERNING 9/12/03 REPORT ON REMEDIATION BY EXCAVATION; LETTER INCLUDES CONCERN ABOUT MAY '03 REPORT ON GROUND WATER SAMPLING FOR MNA AND DISCOVERY OF LNAPL IN MW-18. 3/8/04 Reassigned from Miller to Sun. 12/16/2005 - Feng - Reassigned from Sun to Feng as per Sun. (RJF) 2/23/2006 - Feng - Reassigned to Sun due to this site might involved in SuperFund issue. (RJF) 2/18/06-File Update by Sun: On July 7, 2004, Sun sent a letter to FPM Group, requiring to perform the following tasks: 1)In the USTs 1, 2, and 3 area: Perform another round of groundwater sampling for petroleum and natural attenuation (NA) after six months and evaluate the levels observed to confirm that the observed decrease in petroleum concentrations continues at MW-15 and MW-16. 2)In UST 4 area: Install a product recovery system in well MW-18, and immediately conduct free product monitoring and recovery visit on a weekly basis, using a product recovery bailer (PRB) to capture any accumulated petroleum. Once the petroleum apparent thickness has been reduced to negligible levels, then absorbent materials can be used to remove the remaining deminimus petroleum. Groundwater monitoring shall continue at nearby well MW-17 to confirm that this well remain unimpacted and to obtain nearby NA data for future use. Further groundwater monitoring is not needed for well MW-02 as this well is more distant from the UST 4 area. (Sun) 3/1/06-File Update by Sun: Review of November 2005 Groundwater Monitoring Report indicated the following: 1) Around UST1, 2, and 3 area, the total VOC and SVOC concentrations at the two wells MW-15 and MW-16 since December 2001 (start of sampling) show a dramatic decrease over four years for MW-15 and slight increase of MW-16 (Total BTEX concentrations for MW-15 and MW-16 showed 123 ug/l and 3,999 ug/l, respectively based on 11/14/05 data) 2) Around UST 4 area, MW-17 showed slight increase in VOCs, relative to previous and first time sampling events (127 ug/l for total VOCs based on 11/14/05 data). At well MW-18, adjacent to UST 4, a ayer of free-phase petreoleum product observed. THe product thickness of 0.13 feer was detected in MW-4 based on 11/14/05 data and a product recovery bailer (PRB) was installed in the well on 11/14/05. THe consultant performed additional monitoring in MW-18 on 12/6/05 and 1/24/06. Small amounts of product were removed from the well on both events (i.e., 01.1 liter on 12/6/06 and 0.6 liters on 1/24/06), suggesting that significan product recovery rates are unlikely. THe next round of product monitoring at MW-18 will be scheduled in approximately one to two months. The report indicated trends in natural attenuation (NA) parameters suggest that NA processes are occuring. These trends include: 1) Increases in alkalinity and decreases in dissolved oxygen over time, indicating that microbial activity is occurring; 2) Decreases in sulfate in the most impacted wells, suggesting sulfate use as an electron acceptor by microorganism; and 3) Decreases in oxcidation-reduction potential, further indicating that microbial activity is occuring. (Sun) 03/24/06-Sun approved the CVOC sampling plan submitted by Kevin Loyst of FPM group, dated 03/10/06 with additional requirement to sample three off-site wells, MW-101, IW-101 and MW-103. (Sun) 11/14/06-Sun: On 8/8/06 Sun sent a letter to Kevin Loyst 631-737-6200, ext. 208) of FPM requiring the following:1).In the USTs 1, 2, and 3 area: Perform another round of groundwater sampling for MW-15 and MW-16 to confirm if natural attenuation processes are actually occurring in the vicinities of MW-15 and

STAR CORRUGATED BOX CO INC (Continued) **1000351051**

MW-16. If natural attenuation are not occurring, a remedial action plan must be prepared and submitted to the Department for review and approval. 2)Continue servicing the PRB in MW-18 periodically (which has been ongoing) and monitoring MW-17 during the semi-annual groundwater monitoring. (Sun) 12/27/06-Sun: Joe spoke to Ritu Mody of FPM Group, Ltd., about the status of site monitoring and RAP submittal. Ritu Mody stated that FPM already submitted the monitoring report of last round sampling results and a Remedial Action Plan (RAP) two weeks ago to the property owner for review and approval. She expectes that DEC will receive the above report in a week once the report is approved by the owner. (Sun) 2/8/07-Sun: Sun approves the following remedial action plan submitted by FPR Group, dated 1/3/07: 1)In the USTs 1, 2, and 3 area: Inject oxygen-releasing compound (ORC) at several injection points, as shown in Figure 1of the report, within the path of the dissolved contamination (i.e., between the tanks and MW-16) with the objective of accelerating the reduction of dissolved petroleum in the groundwater. 2)In UST 4 area: The PRB in well MW-18 will continue to be serviced approximately every one to two months to remove any accumulated petroleum. Once the petroleum apparent thickness has been reduced to negligible levels, then absorbent materials can be used to remove the remaining deminimus petroleum and groundwater monitoring will be recommenced. Groundwater monitoring will continue at nearby well MW-17 to confirm that this well remains essentially unimpacted and to obtain nearby NA data for future use. The Department requires the above remedial work plan be implemented by March 23, 2007. (Sun) 03/01/07-Sun: On 2/28/07, Kevin Loyst of FPM Group sent the following email to Joe Sun: We will be implementing the RAP (ORC injection work for USTs 1,2,3) on Wednesday March 7 at 8AM at the above-referenced site. We expect to be out there 2 days (Wed and Thurs) to complete the work. (Sun) 06/21/07-Sun: Review of March 2007 Groundwater Monitoring Report based the sampling data taken on March 6, 2007 just prior to the injection of ORC material indicated the following: 1) Around UST1, 2, and 3 area, at wells MW-15 and MW-16, several VOCs were detected and several exceedances of the NYSDEC Class GA Ambient Water Quality Standards (Standards) were noted. At MW-15, the VOC concentrations have increased somewhat relative to previous sampling result while at MW-16, the concentrations have decreased somewhat compared to the last sampling event. The total SVOC concentration at MW-15 since DEcember 2001 (start of sampling) shows a decrease over five years and is now non-detected. However, total SVOCs at MW-16 heve remained fairly consistent some exceedances of the Standards. THe historic data shows a significant improvement in groundwater quality in the area where petroleum-impacted soil was removed in 2003 (vicinity of MW-15). However, no significant improvement in the VOC and SVOC concentrations has occurred at MW-16. 2) at UST 4 area, the chemical analytical results at MW-17 indicate no detections of either VOCs or SVOCs. At WEll-18, adjacent to UST 4, a product recovery bailer (PRB) has been installed since November 14, 2005 and is being emptied periodically by Miller Environmental. A small amount of product has been removed from the well approximately every 2 months. The ORC injections were performed on March 7th and March 8th, 2007 by Zebra Environmental Srevices Inc. with FPM providing oversight.ORC injection was performed at 12 points and approximately 35 lbs of ORC slurry were injected under pressure in the water column at each point. FPM recommended that MW-15 and MW-16 be continually monitored semi-annually to monitor the progress of remediation, and PRB should

STAR CORRUGATED BOX CO INC (Continued) **1000351051**

be serviced continually for MW-18 approximately every one to two months to remove any accumulated petroleum. Once the petroleum apparent thickness has been reduced to negligible levels, then absorbent materials will be used to remove the remaining deminimus petroleum and groundwater monitoring will be recommended. Groundwater monitoring will continue at nearby well MW-17 to confirm that this well remains essentially unimpacted and to obtain nearby NA data for future use. (Sun) 06/22/07-Sun: On 6/21/07 Sun of DEC sent a letter to Kevin Loyst of FPM Group Inc, consultant for Norampac, approving the March 2007 Groundwater Monitoring & Remedial Action Report, prepared by FPM Group, Ltd., dated April 16, 2007. DEC approved FPM's recommendation to perform the following: 1)In the USTs 1, 2, and 3 area: FPM will monitor the progress of remediation by continuing semi-annual monitoring of wells MW-15 and MW-16. Groundwater monitoring will include both petroleum constituents (NYSDEC STARS Table 1) and NA parameters. 2)In UST 4 area: The PRB in well MW-18 will continue to be serviced approximately every one to two months to remove any accumulated petroleum. Once the petroleum apparent thickness has been reduced to negligible levels, then absorbent materials can be used to remove the remaining deminimus petroleum and groundwater monitoring will be recommenced. Groundwater monitoring will continue at nearby well MW-17 to confirm that this well remains essentially unimpacted and to obtain nearby NA data for future use. The Department requires five days advanced notice of any work at the site. (Sun) 07/09/08-Sun: Sun sent the following email to the consultant, Kevin Loyst of FPM Group, Ltd, Hi, Kevin, Can you give me an update on the current site status? Your semi-annual monitoring report is overdue. Your immediate reponse is urgently requested. (Sun) 07/09/08-Sun: Sun received the following email from Kevin Loyst of FPM Group, Ltd., Report is being submitted to you this week. (Sun) 07/09/08-Sun: Sun sent the following email to Kevin Loyst of FPM Group, Ltd., Kevin, Thanks for your quick response. DEC requires both hard copy and electronic copy of all the reports. Can you email me the report in pdf format or mail me a CD. (Sun) 7/14/08-Sun: Sun received March 2008 Groundwater Monitoring Report. The report indicated that the VOC levels at MW-16 have remained fairly consistent. FPM recommended to continue semi-annual monitoring . At MW-18, FPM recommended to install absorbent socks to address any residual free-phase petroleum that may recur and to continue semi-annual monitoring for petroleum constituents and NA parameters. (Sun) 8/7/08 - Obligado - Spill transferred from Sun to Obligado as per DEC Brevdo. 1/15/09 - Carlson: Case reassigned to Carlson. Issued letter requiring a delineation workplan and quarterly monitoring and reporting. Workplan due 2/15/09. (Kevin Loyst : k.loyst@fpm-group.com, Stephanie Davis: s.davis@fpm-group.com) 2/27/09 - Carlson: Received letter report dated 2/6/09. They propose inclusion of MW13 and MW14 in the groundwater sampling plan. Significant soil delineation has been conducted previously. Sent letter approving inclusion of MW-13 or MW-14 in the sampling plan and requiring quarterly sampling. 7/1/09 - Carlson: Received March 2009 Update Report, dated June 16, 2009. Issued letter requiring a RAP by 8/1/09. Quarterly sampling required. 8/10/09 - Carlson: Received letter from FPM Group with case timeline/summary. 10/6/09 - Carlson: Issued letter requiring a RAP by 11/6/09. 10/23/09 - Carlson: Meeting scheduled for 11/6 at 10 am. 11/11/09 - Carlson: Email from Kevin Loyst summarizing meeting. They will FOIL adjacent properties and then submit a delineation workplan. 2/19/2010 - Carlson: Sent email

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to Kevin Loyst - delineation work plan and quarterly report overdue. 2/22/2010 - Carlson: Received email from Kevin Loyst, work plan will be submitted this week. 3/24/2010 - Carlson: Reviewed IP. Issued letter requiring revised IP in 30 days. Additional locations, permanent wells, and correct soil sampling procedures required. 4/7/2010 - Carlson: Spoke to Kevin Loyst and Stephanie Davis from FPM Group. Existing MW12 will be sampled. Revised work plan will be submitted. 5/11/2010 - Carlson: Approved revised delineation work plan. 6/10/2010 - Carlson: Received email. Borings installed. Approved collecting one sample in four borings that were clean. Two soil samples to be collected in one boring that did have evidence of contamination. 8/18/2010 - Carlson: Reviewed Investigation Report. Five wells installed. Soil and low level gw impact in MW-22. Issued letter requiring signed Stip by 9/20/2010. RAWP required 30 days after effective date of Stipulation. 9/14/2010 - Carlson: Spoke to Craig Slater, attorney for Norampac. He requested STIP request be rescinded. Received email summarizing conversation. Received remedial action letter summarizing proposed remedial action plan. Spoke to Kevin Loyst regarding letter/report. MNA (UST 1,2,3) and product recovery (UST4) proposed. 10/14/2010 - Carlson: Issued letter requiring revised Remedial Action Plan by 11/15/2010. MNA rejected, product recovery details required, quarterly sampling required. 11/9/2010 - Breen: Revised RAWP received from FPM Group. FPM's plan differs significantly from the requirements of the Department's 10/14/10 letter. In the UST-1,2,3 area FPM upgraded their orignal MNA to RegenOx injected into up to four injection points near MW-16. This is acceptable. For the UST-4 area FPM proposes multiple sessions of vacuum-enhanced total fluids recovery at MW-18 during mobilization on a single day and then installation of a passive bailer and subsequently an absorbent sox as conditions improve. As to monitoring and sampling all existing G/W monitoring wells on a quarterly basis as DEC required in the 10/14 letter, FRM proposes to reduce the monitoring and sampling frequency of all seven wells in the UST-1,2,3 area. None of the wells in this area have free product. Five are also free of dissolved. FRM further proposes to reduce the monitoring frequency of three of the five wells in the UST-4 Area. MW-18 does have free product, MW-22 has dissolved VOCs; the other three monitoring wells are clean. DEC rejects FRM's proposed cutbacks in monitoring and/or sampling on the grounds that experience has shown such cutbacks to be unwise and may delay and/or jeopardize the closure they seek. DEC deems it necessary monitor and sample quarterly wells that have no floating product but fail to meet standards for dissolved contaminents (typically constituents of gasoline). DEC deems it acceptable to monitor and sample semi-annually wells that are free of dissolved contaminents and have an active recovery system operating for floating product (typically fuel oil or diesel). The Department deems it acceptable to monitor regularly (quarterly or semi-annually) but sample less frequently only if the source is known and removed and no receptors are threatened. This site never stored gasoline, only diesel in four sw, steel USTs without leak monitoring or tightness testing between 1957 and at least 1988. The Department never did a PBS inspection. Since 1994 this facilty has stored only No. 2 FO in a single AST. Kevin Loyst 631-737-6200, ext. 208 of FPM also cell 631-626-5479. 11-16-10 - Breen: I met with Kevin Loyst (He is from Buffalo originally) today for an hour. He wanted to brief me on this long-running and complex project. He wants to eliminate some wells from quarterly monitoring

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and sampling. He thinks it is unnecessary for some wells. He thinks he has redundant wells. He thinks he has wells that are static. I told him that I can not ignore the specific direction in Sarah s letter of October, which told him to monitor and sample ALL wells quarterly. I told him he can accept Sarah s direction for now and move forward, or wait to see what relief Vadim will give him, if any. I told him wells facilitate closure. He is nearing closure after 22 years. I told him DEC is cutting staff. I told him in a year, this might all look differently and it would be easier then to get what he wants. I told him about the inconsistencies between his UST descriptions and the features given in the PBS registration. He will try and reconcile. I gave him the Info Correction package. Today is UST day. 11-23-10 - Breen: Kevin Loyst sent in the results of his investigation of registration discrepancies. He said there were two separate PBS registrations, 2-117730 and 2-602430. It looks to me like 6/1/94 is the day the error occurred. On that day owner sent in an info correction to add a 10K AST, and close two ASTs one at 15K, the other 16K. In the processes it looks like UST #1 got switched from 550 gallons to 10K. Kevin will verify this from the Norampac files and correct. 11-29-10 - Breen: Kevin sent me an e-mail that contradicted the two items we discussed and settled. He must be writing for his superiors and/or his client. As to the matter of PBS registration. There seems to be an error. It is not clear to me that DEC entered the data wrong. Kevin wants to believe this and have DEC accept it. Even if DEC did make a data entry error, the owner had several renewals and many deliveries to catch the huge discrepancy in tank capacity (10,000 gallons versus 550). As to the matter of closing wells, and/or reducing the frequency of monitoring/analysis, Kevin should hold off for a year or so, when the data substantiates such a change. See e-docs for e-mail exchange. 1-3-11 - Breen: Kevin sent me an e-mail in which he said they will drop their request to deviate from Sarah's demand for quarterly sampling and monitoring for one year and, then, they say they will re-institute their request. See e-docs for this e-mail. 1/11/12 - Carlson: Spoke to Kevin Loyst. 11/8/10 revised RAWP was verbally approved by NYSDEC Breen. Revised RAWP was implemented. Three quarterly reports have been submitted but are not in file. Reports will be resubmitted by email. A fourth quarterly report will be submitted in the next 30 days. 2/29/2012 - Carlson: Reviewed update report dated 2/17/2012. In UST 4 area: LNAPL 0.017 ft in MW18. In UST 1,2,3 area: Regenox was injected in four points around MW-16 in January 2011. VOCs still 3,191 ppb in MW16 on 12/13/11. spoke to Kevin Loyst - recommended another round of injections. He wants to schedule a meeting. He will talk to client and contact me with proposed meeting dates. 3/21/2012 - Carlson: DEC Urda requested a stipulation agreement be signed prior to meeting. Emailed Stipulation Agreement to Kevin Loyst from FPM group. Must be signed and returned within 15 days. 3/28/2012 - Carlson: Received email from Craig Slater, attorney for Norampac NYC. They do not want to sign the Stipulation Agreement. 4/2/2012 - Carlson: Meeting held with FPM group and Richard Etra from Norampac. They stated that additional injections would not be effective, requested closure. Closure denied, the Department requested an additional injection be performed. 1/6/2015 - Raphael Ketani. The spill was called in on 5/18/88. The cause was the failure of four 550 gal. diesel USTs to pass their intergrity tests. Two other spills are associated with this site. They are #0012802 - release of a white caustic substance into secondary containment, and #0107298 - oil entering a sewer

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during a transfer. Both spills were small and were cleaned up and closed. According to ACRIS, the property 55-01 to 55-15 Grand Avenue if block and lot 2610 and 336. The property 56-05 Grand Avenue isn't listed in the database. A deed dated 1/7/94 shows a transfer of ownership from NYC IDA (Industrial Development Agency) to Star Corrugated Box, Inc., 55-15 Grand Avenue. There are two PBS cases. Case #2-117730 lists NORAMPAC NYC at 55-15 Grand Avenue, Maspeth, NY, 11378 as the owner. John Doyle (718) 386-3200 is the contact. The registration is valid until 7/20/17. Seven tanks are listed: #1 - 550 gals., closed in place; #2 to #4 - 550 gals., closed and removed; #5 and #6 - 16,000 gal. and 15,000 gal., respectively, closed and removed; #7 - 10,000 gal. AST in service with #2 oil. Case #2-602430 lists Star Corrugated Box at 56-05 Grand Avenue, Maspeth as the owner. The contact is Dennis Wood (718) 386-3200. The registration expired on 4/21/04. There was a 1500 gal. UST with #2 oil and a 5000 gal. UST with #2 oil. Both were closed and removed. All mail goes to Star at 55-15 Grand Avenue. Contaminated soil was excavated during June 2003. Groundwater samples recovered from the former area of UST 1 to UST 3 on 10/23/02 and 3/17/09 were either non-detect or up to 102 ppb for total VOCs. However, the 3/17/09 sample from MW-16 to the northeast had 3173 ppb of total VOCs (Figure 1 dated 2/16/10). In Figure 2 (dated 2/16/10), the results from the 3/17/09 sampling for MW-17 for total VOCs were non-detect. However, the 3/17/09 results for MW-18 (which is at the former south end of UST 4) for total VOCs were 55,800 ppb. The 12/13/11 groundwater sample from MW-22 was entirely non-detect for total VOCs. Solution injections and VEFRing took place during 2007. RegenOx injections took place during 2010 and 2011. Most of the wells do not have product. Reports dated 2011 and 2012 indicate that product collection was continuing. The oil spill case concerns only spilled diesel fuel. Chlorinated solvents were never used at the site. Additionally, a superfund site remediation case was opened during 2000. The case number is 241097. The responsible party is Former W.L.K. Corp., 58-30 57th Street, Maspeth, Queens. This site is to the northeast and upgradient to the NORAMPAC/Star Corrugated Box site. A report was produced during 2001 (investigative work undertaken during 2000 to 2001) by FPM Group (631) 737-6200 (Stephanie Davis, Kevin Loyst) that dealt with the occurrence of chlorinated solvents in the groundwater below the site. The plume was depicted in two figures, one for the shallow groundwater at 14' to 20' (Figure 4A) and one for the intermediate groundwater at 30' to 35' (Figure 5A). The earlier work was followed by more borings and well installations during 2002. Total chlorinated solvent concentrations over 100,000 ppb were discovered in the shallow groundwater and concentrations over 200,000 ppb were discovered in the intermediate groundwater. The investigation of the spill at the Former W.L.K. site is ongoing. The case manager is Javier Perez-Maldonado in the Albany office of the Division of Remediation (518) 402-9768. A draft letter to Dennis Wood of Star Corrugated Box, Inc. requesting the status of the remediation and the latest groundwater results was submitted to Hassan Hussein, EE III and head of Unit C in Region 2 Remediation. 1/29/15 - Raphael Ketani. I spoke to Mr. Perez-Maldonado regarding the Former W.L.K. Corp. site. He said that they are finishing the site investigation right now and will then go on to the remediation design phase of the project. I reviewed the FPM Group December 2011 Groundwater Monitoring Report dated 2/17/12. In the report, I found data for a groundwater sample which had been taken from MW-16 during 2011 and

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for a groundwater sample which had been taken from MW-18 during 2009. Both samples had high analyte concentrations that exceeded the TOGS 1.1.1 standards - the one from MW-18 near UST 4 was extremely high with no followup data. Next, I tried to contact Kevin Loyst, PE, of FPM Group (909 Marconi Avenue, Ronkonkoma, NY, 11779/(631) 737-6200 x 208/k.loyst@fpm-group.com) regarding the present site status. However, I could only leave a voice message. I tried to c-c Craig A. Slater (Norampac attorney) at Harter Secrest & Emery LLP, Twelve Fountain Plaza, Ste 400, Buffalo, NY, 14202 (716) 844-3723/cslater@hselaw.com. However, the emails to him bounced back as undeliverable. 2/4/15 - Raphael Ketani. A conference call took place today between Mr. Loyst (631) 737-6200 x 208 and Ritu Mody of FPM Group and myself regarding what should happen at the site at this point in time. Mr. Loyst did the talking for FPM. He stated that chem ox, excavation and other remedial measures had been performed at the site in order to remove the contamination. I told him that the DEC didn't understand what the present groundwater conditions were at the site because the last sampling took place back during 2011. I added that there were high results at MW-16 and MW-18, but the data was old. Mr. Loyst stated that many of the wells had completely non-detect results back during 2012. He added that no additional reports or documents had been submitted to the DEC since 2/17/12. I told him that the DEC needed to see a trend in the analyte concentrations. So we required that all of the wells be developed and then sampled in order to give us a clear picture regarding the groundwater contamination. Then we would want two additional rounds of sampling to show us a trend. Mr. Loyst stated that he wanted to do one round first and then evaluate the data. I told him that we could start with this and then proceed from there. He asked how the DEC wanted the wells developed. I told him that he could use surge blocking. I added that once the wells are developed then he should wait at least 1 month, preferably 2, and then sample the wells using a low flow method. Mr. Loyst asked whether he needed to send the DEC a work plan. I told him that we can keep things simple and that he should just send me an email stating when he will do the development and the following round of sampling. I asked him for a map showing where all of the wells are. After this, the conversation ended. 2/18/15 - Raphael Ketani. I tried to contact Mr. Loyst (631) 737-6200 x 208/k.loyst@fpm-group.com regarding conducting a site visit tomorrow, but I could only leave a message. 2/25/15 - Raphael Ketani. Leon Marineau (leon_marineau@cascades.com; hydraulic engineer; V.P. Environmental Division; (819) 363-5702/cell (819) 357-0626) called me from Canada today. He said that he is the project manager for the NORAMPAC project. He said that Cascades is the parent company and he was just given authority by management to deal with the site and get the spill closed. He stated that money had been put in escrow for the previous owner to conduct the remediation (Star?). However, progress was slow and the work was never finished. So, some of the money was withdrawn. Now, though, Mr. Marineau stated that he wanted to expedite the closure of the spill. I told him that the DEC needed a new set of groundwater results from sampling all of the wells. However, first we wanted all of the wells to be developed in order that good samples would be collected. Mr. Marineau said that this would take took long and that he just wanted the wells to be purged in the usual manner and then sampled. I told him that he could do this, but the DEC would hold Cascades responsible for any high results due to the possible presence of contamnated clay around the

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well screen. He said that this wouldn't be a problem. He added that there was still free product at MW-18. I told Mr. Marineau that there is another hot spot on site at MW-16, but the DEC would not hold NORAMPAC as the source of the chlorinated solvents as they are coming from upgradient. We set up a site meeting on March 25, 2015 and the conversation ended. Later, Mr. Marineau sent an email cancelling the meeting as Mr. Loyst could not make it. Mr. Marineau will let me know when would be a good date to meet. 3/13/15 - Raphael Ketani. Mr. Marineau sent an email stating that groundwater sampling will take place at the site. However, he would like to have a meeting with the DEC after the sample results are received by FPM Group and Cascades. In light of this, I tried to contact Mr. Loyst (631) 737-6200 x 208/k.loyst@fpm-group.com to arrange a site visit, but I could only leave a message. 4/2/15 - Raphael Ketani. A quick site visit took place today as planned for viewing the locations of the closed USTs. Joining me were Richard Etra, Manager of Special Projects and Technology ((718) 340-2136/richard_etra@norampac.com), and Mr. Loyst. Mr. Loyst took us to see the location where USTs 1 to 3 were buried. This was a location that was infront of the active loading docks on the southwest side of the main building (past the parking area). Trucks were actively entering and leaving the locations. There was nothing much to see. Mr. Loyst pointed out he locations of the tanks, pointed out the filled pipes which were just barely sticking up, walked with me to the well locations and showed me the pad where the soil excavation had taken place. MW-16, which had elevated contaminants, was at the back of the loading dock. Next, we walked to the third loading dock which fronted on Grand Avenue. The security gates were raised and Mr. Loyst pointed to UST #4. He also showed me the area where the contaminated soil had been dug out and the location of MW-18 (the well with elevated contaminants). This loading dock was not used for much except to place waste material roll off containers. Judging by the debris and dust in the loading dock, I determined that it wasn't used much. After this, I left the site. 4/22/15 - Raphael Ketani. Mr. Loyst (631) 737-6200 x 208 sent me an email stating that the wells will be sampled for VOCs on 4/24/15. 6/3/15 - Raphael Ketani. I reviewed the FPM Group April 2015 Groundwater Monitoring Report dated 6/3/15. MW-15, 16 and 19 to 21 in the vicinity of USTs 1,2 and 3 were redeveloped. MW-12, 17, 22 and 23 in the vicinity of UST 4 were also redeveloped. MW-13 could not be located. MW-18 had product. MW-18 had 1.07 feet of product on 3/17/15 and 0.25 feet of product on 3/20/15. A total of 1.5 gals. of product were collected during March. Before groundwater sampling, each well was gauged and purged. MW-12, 15, 16, 17, and 19 to 23 were sampled on 4/24/15. This date was one month after the wells were developed. The analytical results for the samples from MW-16 show a steady decline over the many years. However, the benzene concentrations continue to be orders of magnitude above the other analytes. FPM states in the report that the sources of the contamination have been treated, further remediation of the spill is unlikely to provide a benefit and that further work is not cost effective. Therefore, they request that the spill case be closed. The analytical results for the 4/24/15 round for MW-12,17 and 19 to 23 are either entirely non-detect or almost entirely non-detect. MW-15 had 6 non-detects and 8 very low to low VOC hits. MW-16 had 8 hits that were from non-detect to low VOCs, 3 moderate hits, 2 150 ppb hits and 1300 ppb of benzene. I approved the report, but sent an email to the consultant requesting an explanation regarding why the benzene

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concentrations in the samples from MW-16 were so high despite the treatment events. 6/4/15 - Raphael Ketani. I received an email today. Craig Slater s email has changed to cslater@cslaterlaw.com. 6/5/15 - Raphael Ketani. A meeting took place today regarding how the spill case can be closed. In attendance were Mr. Marineau (leon_marineau@cascades.com; hydraulic engineer; V.P. Environmental Division; (819) 363-5702/cell (819) 357-0626), Mr. Loyst (631) 737-6200 x 208/k.loyst@fpm-group.com and Mr. Etra, Manager of Special Projects and Technology ((718) 340-2136/richard_etra@norampac.com). The discussion revolved around the continued presence of product in MW-18 and the continued, though decreasing, high concentrations of benzene in the groundwater samples from MW-16. Mr. Etra started off the conversation by stating that he didn't know why there were very high benzene concentrations at MW-16. I told everyone that I had checked old air photos and had seen that NORAMPAC sits on filled tidal wetlands. I asked everyone whether the site had ever been a disposal site for MGP waste or ever had an MGP plant or gas holder tanks. Everyone stated that MGP facilities never were at the site. Mr. Etra stated that this location had always been a corrugated box manufacturing facility. He added that the inks were oil based. I asked whether containers had ever been unloaded at NORAMPAC which had contained benzene bearing mixtures and whether any of these containers had ever been droppped and had leaked. Mr. Etra said that such containers were never received at the site. I then asked whether any metal cleaning had taken place at the loading dock and so benzene compounds had spilled onto the asphalt. Mr. Etra again stated that this had never taken place. Mr. Marineau stated taht 40 or 50 years ago, oil based inks were used. However, now water based inks are used. The waste ink had been discharged to the sewers many years ago. Mr. Loyst stated that ORC was first injected during March 2007 at the MW-16 location and there was a reduction in the benzene concentrations. After this, RegenOx was injected during 2011 and there were further reductions. Next, the conversation turned to MW-18. Mr. Marineau stated that 1.05 feet of oil was discovered when the well was recently opened. He added that this thickness of product was the results of slow accumulation under quiet conditions and was not typical of the product thickness. The well had not been opened since 2011. Mr. Marineau also stated that he believed there wasn't much oil underground and that the pool was very local. He added that they could possibly set up a skimmer system. Mr. Marineau then asked Mr. Etra whether this loading dock would remain inactive for the foreseeable future. Mr. Etra said that it is quiet now, but it could become active. In the end, it was agreed upon that NORAMPAC will continue to work to recover the product at MW-18, MW-16 will be sampled twice a year in order to monitor the declining benzene concentrations and the rest of the wells will not be monitored, but will remain usable. 6/22/15 - Raphael Ketani. I sent an email to Mr. Mr. Loyst (631) 737-6200 x 208/k.loyst@fpm-group.com asking him when would be a good day and time to meet at the site for walk through and CVOC discussion. 6/25/15 - Raphael Ketani. I sent an email containing a list of 5 items to Mr. Marineau, Mr. Loyst and Mr. Etra which the Department wanted addressed. These items were: 1) The Department has searched for the documents (i.e. reports, letters, work plans) that were generated by Star Corrugated Box from 1988 to early 2001 and has not found them. Please submit these documents on CDs in order that the Department may complete its records and acquire a better understanding of the site conditions. 2) TS (tank system) borings

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were performed in the vicinity of MW-16. The Department does not have a report describing these soil borings, nor the soil analytical results for the samples which were taken. Please submit this report on CD. 3) The boring for MW-16 is not described n the records contained in the case file. We must receive the boring log for this location and the soil analytical results. 4) There are no statements in the case record regarding the source of the benzene in the groundwater at MW-16. Please send us the document which concerns the investigation which took place to find the source of this contaminant and explain the rationale for addressing it. 5) The soil in the vicinity of MW-16 was treated for contaminants with ORC and RegenOx. The report must be submitted which describes the treatment program. Specifically, what were the contaminants of concern, what was the target horizon, at what depth were the treatment solutions injected, and what did the confirmatory boring sample results show. Later, Mr. Marineau responded to the above request by email and stated the following: Richard Etra will prepare the requested information for you. In the coming weeks, based on your concerns shared at the face to face meeting at the facility, we will: At MW-16 area: 1-Perform a georadar survey to recognize buried structure that could lead to find out a benzene source 2-Characterize soil with boreholes to characterize for benzene 3-Inject oxygen-release-agent for promoting direct oxidation and biodegradation of hydrocarbon residuals and by targeting benzene 4-Perform a post-injection groundwater monitoring to confirm the effectiveness of the injection. At MW-18: 5-Extract on a monthly basis, the existing free phase 6-Record extracted hydrocarbons and keep you informed of the recovered products. 6/29/15 - Raphael Ketani. A site walk through and meeting has been arranged through Mr. Etra (917) 647-9520. The date is presently set as 7/28/15 from 10 AM to noon time. I commented to Mr. Etra that the source of the benzene may be a leaking tank under the loading dock next to MW-16 which contains some benzene. I added that an alternative explanation is that parts were washed years ago with benzene, then the floor was washed where the benzene had spilled, the tainted water went down the drain, the drain leaked and the tainted water went into the soil under the building. Mr. Etra stated that the docks were built during 1957, but he didn't start working for the facility until 1974. With that, the conversation ended. 7/28/15 - Raphael Ketani. A scheduled site meeting and site visit took place today. In attendance were Mr. Etra ((718) 340-2136/richard_etra@norampac.com), Mr. Hussein and myself. The focus of the meeting was the benzene contamination at the location of MW-16. The meeting started with a discussion regarding how the benzene could have entered the subsurface. I proposed various scenarios from my professional experience monitoring the remediation of spills. Mr. Hussein stated during the discussion that he had visited the site many years back and that the discovery of chlorinated solvents in the groundwater lead to the opening of the spill case. Mr. Etra stated that he had no idea regarding how the benzene came to contaminate the soil in the subsurface. Next, we visited the loading dock where MW-16 was located. There was nothing much to see. The specific area was covered by shredded waste paper which had fallen off of the truck during loading. After this, we visited the basement. We saw the location of the large fuel tank which was still in service. We also saw an area that contained drums of hydraulic fluid and lubricating oil. This area had the odor of oil and some Speedi Dri and absorbent pigs were laid on the floor in order to catch any spilled oil. The area was not very messy, but

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showed signs of minor spillage. Lastly, we visited the basement sump. The water was low in the sump and did not have product. Mr. Hussein asked Mr. Etra to have water sampled from the sump and tested for benzene and other analytes. Mr. Etra agreed to do this. After this, the meeting ended. 8/18/15 - Raphael Ketani. Today, I received a letter from Mr. Etra in response to my comments in a 6/25/15 email that I had sent. A CD containing a tank closure letter, 1 work plan and 4 reports produced during the years 2001 to 2011 was attached to the letter. Mr. Etra responded that they had looked for all of the archived reports, but only found these 6 documents. He referenced in his letter where I could find the information I was looking for. 8/19/15 - Raphael Ketani. Mr. Etra sent me 7 documents on a disc. First, I reviewed the FPM Group 7/18/01 work plan which also contained soil analytical data for the 6/21/01 to 6/29/01 TS series of borings. Some soil samples had no or almost no hits. However, they were away from the areas of contamination/spillage. The other VOC results were as follows: USTs-1,2,3 area: TS-3 (14'-16') = 21 ppm benzene and many low to high exceedences (to 110 ppm) TS-10 (10'-13.5') = 7.6 ppm benzene and many low to high exceedences (to 370 ppm) UST-4 area: TS-5 (9'-12') = 20 ppm benzene and many low to high exceedences (to 210 ppm) TS-8 (8'-12') = 22 ppm benzene and 6 exceedences to 75 ppm TS-8 (16'-20') = 18 ppm benzene and 8 low to high exceedences (to 200 ppm) TS-15 (10'-11') = 110 ppm benzene and 12 low to very high exceedences (to 340 ppm) with many high exceedences TS-16 (10'-12') = 15 ppm benzene and 11 low to high exceedences (to 140 ppm) TS-19 (6'-8') = 35 ppm benzene and 12 low to very high exceedences (to 370 ppm) with many high exceedences NOTE! the highly contaminated locations TS-3 and TS-10 are in the UST 1 to 3 area, NOT THE LOADING DOCK AREA Next, I reviewed the FPM Group 2/15/02 December 2001 additional soil sampling and groundwater sampling results report. They recommended no additional investigating and just groundwater monitoring. Additional borings TS-33 to TS-37 were performed during 12/10/01 and 12/11/01. TS-33 to TS-37 were performed in the UST-1 to UST-3 area. The depths of the soil samples were: TS-33 (4'-8'); TS-34 (5'-7') at the location of MW-16; TS-35 (12'-16'); TS-36 (12'-16'); TS-37 (8'-12'). With the exception of a 0.18 ppb benzene result in the sample from S-35, the rest of the soil sample results were mostly non-detect with some very low hits. On 12/19/01, wells MW-12 to MW-18 were installed. MW-17 and MW-18 were installed in the UST-4 area. Wells MW-12, 13, 14, 16 and 17 had samples which were mostly non-detect for VOCs or with some very low hits. Wells MW-15 and MW-18 were installed in the UST-1 to UST-3 area and in the UST-4 area, respectively. The results for MW-15 were 13 exceedences from 20 ppb to 1700 ppb with 320 ppb benzene and 9 high to very high exceedences from 320 ppb to 1700 ppb. The results for MW-18 were 12 exceedences from 70 ppb to 22000 ppb with 22000 ppb benzene and 8 very high to extremely high exceedences from 480 ppb to 22000 ppb. Following this, I reviewed the Norampac FPM 4/16/07 March 2007 Groundwater Monitoring and Remedial Action Report. Groundwater sampling took place on 3/6/07 at wells MW-15 to MW-16 (UST-1 to UST-3 area) and at well MW-17 (UST-4 area) prior to the ORC injections. MW-15 had 8 low to moderate exceedences to 90 ppb. MW-17 was entirely non-detect. MW-16 had 2100 ppb benzene, 1100 ppb ethylbenzene, 500 ppb naphthalene and 5 non-detects. Table 2 shows the sample results for MW-16 for the 10/23/02 to 3/6/07 rounds. Benzene was always present as a high to very high exceedence, except for the 3/31/04 sample where it was non-detect. This sample was mostly non-detect

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with no naphthalene, but with 1500 ppb MTBE. From the data, it appears that the trend of naphthalene concentrations is very roughly associated with the trend in the benzene and ethylbenzene concentrations. ORC injections took place on 3/7/07 and 3/8/07 at 12 locations down to 20 feet bgs (10 feet into the water table). One location was just north of the UST-1 to UST-3 tanks, one was just south of these tanks and the other 10 were in an area extending diagonally from just inside the loading dock to the vicinity of MW-16. A total of 420 lbs. of ORC slurry (35 lbs./location) were injected. The FPM Group 7/19/10 Delineation Investigation Results Report was reviewed. Wells MW-19 to MW-21 were installed. in the UST-1 to UST-3 area during 6/7/10 and 6/8/10. Wells MW-13, MW-15, MW-16 and MW-19 to MW-21 were sampled on 6/17/10 and 6/18/10 in the UST-1 to UST-3 area. (MW-19 was at the south end of the loading dock area. MW-20 was north of the loading dock. MW-21 was inside the building and east of the loading dock.) One volume of groundwater was purged at MW-15 and MW-21 as the wells went dry. Wells MW-22 (southwest of the UST in the sidewalk) and MW-23 (far east of the UST) were installed in the UST-4 area on 6/8/10. The soil VOC results for the samples from MW-19 to MW-21 and MW-23 were all entirely non-detect. MW-22 (8'-10') had 6 low exceedences and the rest of the results were from non-detect to low hits. MW-22 (12'-13') had 2 low exceedences and the rest of the results were from non-detect to low hits. The groundwater VOC results for samples collected on 6/17/10 and 6/18/10 from MW-12, 13, 17, 19 to 21 and 23 were entirely non-detect, except for 1 very low hit. MW-15 and MW-22 had mostly low to moderate hits up to 58.7 ppb. MW-16 had 11 low to extremely high (1900 ppb benzene) exceedences. Lastly, I reviewed the FPM Group 4/29/11 March 2011 Groundwater Monitoring and Remedial Action Report. On 1/19/11, 0.4 feet of oil was discovered in MW-18. A total of 21 gals. of mixed liquids was recovered. FPM went back on 1/20/11 and discovered 0.04 feet of oil in the well. A recovery device was installed in the well. Also on 1/20/11, RegenOx was injected at 4 locations in the vicinity of MW-16. The injections took place at 20 feet bgs (10 feet into the water table) and 90 lbs. of chemicals (total 360 lbs.) were injected at each location. Groundwater was sampled on 3/1/11 and 3/2/11 at wells MW-13, 15, 16, and 19 to 21 (UST-1 to UST-3 area) and at wells 12, 17, 22 and 23 (UST-4 area). MW-12 and MW-15 were purged only once as they went dry. From Table 1, the results for MW-12, 13, 19 to 21 and 23 were entirely non-detect. MW-15 had 9 non-detects and 6 very low hits. MW-17 had 13 non-detects and 2 very low hits. MW-16 had 12 low to very high (370 ppb) exceedences with 96 ppb of benzene. The comparatively low benzene concentration is attributed to the dilution of the groundwater by the injected chemical solution. 8/26/15 - Raphael Ketani. I was informed today by Mr. Hussein that he had received a phone call from a person who claimed to be a potential buyer and developer of the site. This person stated that he would tear down the building and build another facility. He wanted to know the environmental conditions of the site and below the site. Mr. Hussein told me that he had explained the environmental conditions and RCRA issues to this person. I sent an email to Mr. Marineau (leon_marineau@cascades.com; hydraulic engineer; V.P. Environmental Division; (819) 363-5702/cell (819) 357-0626), and Mr. Etra ((718) 340-2136/richard_etra@norampac.com), requesting information regarding this person, the company he represents and the potential sale. 8/27/15 - Raphael Ketani. Mr. Etra called me today. He stated that a work plan will be sent to the DEC

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soon for conducting geophysical and soil boring work in the vicinity of MW-16. He assured me that despite the possibility of the sale of the property, NORAMPAC will still conduct the work and remediate the benzene - if possible. There exists a non-binding letter to sell right now. There will not be any demolition. The building will be used as is by the prospective buyer. If the sale takes place, it will happen 4 to 8 months in the future. The potential buyer is Steel Equities. They own many properties in the area. They don't make steel - it's just their name. 9/10/15 - Raphael Ketani. I reviewed the FPM Group 8/27/15 work plan for conducting a geophysical survey and for conducting a series of soil borings in the northern part of the loading dock where MW-16 is situated. The work plan also stated that monthly inspections will take place at MW-18 in order to see how much product is in the well and in order to remove any accumulated product. I found the work plan to be acceptable and sent an email to Mr. Etra, Mr. Loyst and Mr. Marineau approving the work. 10/28/15 - Raphael Ketani. I received a call from Chris Wenslee (?) of ERM (631) 756-8920 today. He said that he represented a potential buyer of the property. He wanted to know what were the implications of the unsigned Stipulation Agreement from 2012. I told him that once an R.P. gets a Stipulation Agreement, they are still legally responsible for cleaning up the spill whether they sign the stip or not. Mr. Wenslee asked whether the August 2015 work plan had been approved by the DEC. I told him that I had approved it on 9/10/15. With that, the conversation ended. 11/2/15 - Raphael Ketani. I received the following email today from Mr. Mody of the FPM Group: We are scheduled to perform the boring program phase work for UST 1, 2, 3 at the above-referenced site on Thursday (Nov 5th) and Friday (Nov 6th). 12/7/15 - Raphael Ketani. I reviewed the FPM 12/4/15 Spill Investigation Report (Boring Program Results Report). The geophysical survey was performed on 9/22/15 in order to locate the utilities and any anomalies in the planned boring area. The survey was performed at the outside utility area, in the truck loading bays area and at the elevated loading platform area. The utilities were identified, but not any anomalies due to the presence of a one foot plus concrete slab. Thirteen (13) borings were conducted (B-1 to B-13) on 11/5/15 and 11/6/15. The borings were installed in the northern half of the truck loading bay area and the elevated platform area. No borings were conducted in the outside utility area as this was deemed too risky. Most of the borings were continued to 15 feet below grade. Two samples from each boring were collected. One from the dirtiest sample and one from the soil-groundwater interface. After this, temporary wells were constructed. A groundwater grab sample was collected from each boring location. After this, the borings were plugged. There were no exceedences of the CP-51 industrial soil standards. Eight (8) of the water samples had exceedences of the TOGS 1.1.1 standards. The highest groundwater exceedences were in the samples from B-10 and B-12 in the vicinity of the abandoned truck maintenance pit (abandoned 2006) and the northernmost abandoned fueling station (removed 1990). The majority of the high groundwater analyte concentrations were in the north area of the loading bays in proximity to the abandoned truck maintenance pit and the northernmost abandoned fueling station (B-8, 10, 12 and 13). The results suggest groundwater contamination in the north area of the loading docks. FPM proposes to conduct an oxygen release material injection program. They will focus on the groundwater contamination in the northern area of the loading docks (this area was never treated). They will mix

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RegenOx and ORC and inject the solution in several general areas. The injections will take place on the north side of the USTs, west of the utility area and in the northernmost loading dock area. The focus will be the former maintenance pit and the former fueling area. They will inject at 17 locations over the course of 3 days. The drilling will take place to 20 feet bgs (10 feet into the groundwater). Both the soil and the groundwater will be treated. Then they will monitor the progress of the injections by collecting groundwater from MW-16. At MW-18, well monitoring took place on 9/22/15 and 11/6/15. During both occasions, the PRB was emptied and product was collected. FPM recommends quarterly visits to the site in order to monitor the product thickness. The VOC soil contamination was highest at B-10 (in the former maintenance pit; 14'-15' interval). There was 180 ppm of total xylenes, 130 ppm of 1,2,4-trimethylbenzene, 38 ppm of 1,3,5-trimethylbenzene, 24 ppm of naphthalene, 21 ppm of toluene and 19 ppm on n-propylbenzene. At B-12 (west of the former maintenance pit and north of the former fueling area; 13'-14' interval), there was 9.4 ppm of ethylbenzene, 9.4 ppm of n-propylbenzene and 3.6 ppm of total xylenes. The soil samples for B-7, 8 and 13 (south of the former maintenance pit and south of the former fueling area, respectively) were taken from the 12' to 14' interval and were mostly non-detects and hits below the CP-51 unrestricted residential standards. B-9 (in the former maintenance pit area; 12'-13' interval) had mostly non-detects with some low hits. B-6 (south of the maintenance pit area) had mostly non-detects with some very low hits. The groundwater contamination was highest at B-10 with 15,000 ppb of total xylenes, 6600 ppb of toluene, 4700 ppb of 1,2,4-trimethylbenzene, 3800 ppb of 1,3,5-trimethylbenzene, 3900 ppb of benzene, 2900 ppb of ethylbenzene, 1000 ppb of naphthalene and 460 ppb of n-propylbenzene. B-12: 5 extremely high exceedences (1000 ppb or higher; 6900 ppb total xylenes), 3 very high exceedences (200 ppb to 999 ppb), and 2 moderate exceedences (26 ppb to 99 ppb). B-8: 2 extremely high exceedences to 1600 ppb, 5 very high exceedences to 910 ppb, 1 high exceedence (100 ppb to 200 ppb), 5 low to moderate exceedences (6 ppb to 99 ppb). B-7: 3 extremely high exceedences to 2500 ppb, 2 very high exceedences, 1 high exceedence, 5 low to moderate exceedences. B-13: 2 extremely high exceedences to 1200 ppb, 4 very high exceedences, 1 high exceedences, 5 low to moderate exceedences. B-6: 2300 ppb benzene and 11 low hits. I reviewed the boring logs. The descriptions were mostly of grayish brown silty clay. Sometimes brownish or grayish silty sand was indicated on the logs. The soil descriptions were short. The grayish soil began at about 5 feet below grade at each location and continued deeper into the subsurface. The descriptions suggest the presence of the original marsh sediments. I approved the report and the plan to do the treatment solutions and the quarterly groundwater monitoring at MW-18. 2/4/16 - Raphael Ketani. I received a call today from Brett McGovern. He said that he wasn't with an environmental advocacy group or a consulting company. He did say that he was doing a search and the spill number for this site came up. He wanted to know what was currently taking place at the site. I told him that in November 2015 some soil borings were done to delineate a contamination hot spot in the loading dock area of the main building. I added that the contamination was not migrating and so the impact to people and the environment was very limited. Also, I told him that the present plan was to treat the hot spot. He asked whether the site sat on fill. I told him that the whole area was built up on fill and that the area

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used to be marsh land. I added that it wasn't clear whether the solution injections will remove the contamination. I mentioned that due to the location's proximity to the loading dock, excavating the fill and soil was not possible. Mr. McGovern asked whether the site was being contaminated by the spill at the WLK site which is upgradient. I told him that the upgradient wells for the NORAMPAC site did not show the presence of the chlorinated solvents which are contaminated the WLK site. I added that, from the few documents I had read regarding the WLK, it didn't seem like the contamination was migrating. I told him that the WLK site was a superfund site. He asked to speak to Jane O'Connell and so I gave him her number. After this, the conversation ended. 3/14/16 - Raphael Ketani. I received and email today from Mr. Mody (631) 737-6200, ext 220/ r.mody@fpm-group.com. In his email, Mr. Mody stated that FPM had further evaluated the solution injection plan and had decided to inject a combination of RegenOx and ORC Advanced over the course of multiple rounds. The northernmost area inside the loading dock where the highest groundwater contamination was found will receive 3 rounds of injections while the southern area will receive 2 rounds of injections. The first round of injections will take place from March 21st to March 24th. I found this change in the treatment plan to be acceptable. 5/27/16 - Raphael Ketani. I contacted Mr. Marineau (leon_marineau@cascades.com; (819) 363-5702/cell (819) 357-0626), Mr. Etra ((718) 340-2136/richard_etra@norampac.com) and Mr. Mody ((631) 737-6200, ext 220/r.mody@fpm-group.com) regarding remedial progress at the site. 5/31/16 - Raphael Ketani. Mr. Mody sent me the following update today by email: Two rounds of injection have been completed at the site. Round 1 was performed in March and included RegenOx injection at 24 points in the loading bay area. Round 2 was performed in April and included RegenOx injection at 12 points in the northern-most area inside the loading bay and injection of RegenOx and ORC Advanced material at 12 points in the southern area of the loading bay. Groundwater sample from well MW-16 was collected prior to each round. Round 3 which will include injection of RegenOx and ORC Advanced material at 12 points in the northern-most area inside the loading bay is scheduled to start tomorrow. A final report summarizing the work performed as part of this injection program will be prepared and submitted to DEC upon completion of Round 3. 7/6/16 - Raphael Ketani. I reviewed the FPM Group 7/6/16 Remedial Action Report. ORM injections were performed in the vicinity of USTs 1, 2 and 3. The soil and groundwater in the area of MW-16 have only a little contamination. Free phase product is not present. A solution comprised of a combination of RegenOx and Oxygen Releasing Compound Advanced (ORC) was injected in the loading dock area as 3 separate rounds. Round 1 was performed from March 21 to March 23, 2016 and on March 28, 2016. A mixture of 60 lbs. of Part A and 30 lbs. of Part B was injected at each location. A total of 1440 lbs. of Part A and 720 lbs. of Part B was mixed with 3360 gallons of water. The injections could only take place initially for 3 days as the treatment solution started to come out of the ground through cracks in the pavement. Each injection point had been drilled to 20 feet bgs (10 feet into the water table). The locations were 8 to 10 feet apart. Round 2 was performed from April 18 to April 22. A total of 24 injection points were installed. A similar mixture of treatment solution was used during this round. However, it included 50 lbs. of ORC Advanced at each location. The total amount of material injected included 1440 lbs. of Part A, 720 lbs. of Part B and 600 lbs. of ORC. This was

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mixed into 3720 gallons of water. Round 3 was performed from June 1 to June 2. A total of 12 injection points were used. The treatment solution mixture was similar to the one used during the first round. A mix of 60 lbs. of Part A, 30 lbs. of Part B and 50 lbs. of ORC were injected at each location. A total of 720 lbs. of Part A, 360 lbs. of Part B and 600 lbs. of ORC were mixed in 1860 gallons of water. At the UST 4 area, monitoring was performed from 3/21/16 to 6/1/16. Free phase product was bailed by hand. Groundwater monitoring took place before each round of injections. Sampling was performed for VOCs on 3/21/16, 4/18/16 and on 6/1/16. As shown in Table 1 of the report, there still were many high exceedences of the TOGS 1.1.1 standards. Overall, the results for the 6/1/16 round were about the same as the 4/24/15 round, which took place before the treatments. The only real improvement was a drop in the benzene concentration from 1300 ppb (4/24/15 round) to 550 ppb in the 6/1/16 round. When comparing the results of the two rounds, it appears that some of the VOC concentrations increased in the 6/1/16 round. FPM recommends conducting 3 more quarterly rounds of groundwater monitoring at MW-16. They also recommend making quarterly visits to the site to remove product from MW-18. I sent a response email stating that the Department was approving the report and the recommendations. 2/24/17 - Raphael Ketani. As the third quarter and fourth quarter 2016 monitoring reports were never received, I sent an email to Mr. Marineau (leon_marineau@cascades.com; (819) 363-5702/cell (819) 357-0626), Mr. Etra ((718) 340-2136/richard_etra@norampac.com) and Mr. Mody ((631) 737-6200, ext 220/r.mody@fpm-group.com) requiring the submission of the documentation. Later, Mr. Etra responded by email and stated that groundwater sampling had taken place during September and December 2016. The next round will take place during March 2017. He will followup with FPM. 4/6/17 - Raphael Ketani. I reviewed the FPM Group 4/5/17 Remedial Action Report. ORM injections were performed in the vicinity of USTs 1, 2 and 3. The soil and groundwater in the area of MW-16 have only a little contamination. Free phase product is not present. A solution comprised of a combination of RegenOx and Oxygen Releasing Compound Advanced (ORC) was injected in the loading dock area as 3 separate rounds. Round 1 was performed from March 21 to March 23, 2016 and on March 28, 2016. Round 2 was performed from April 18 to April 22. Round 3 was performed from June 1 to June 2. Groundwater monitoring for VOCs only took place at MW-16 on 9/1/16, 12/7/16 and on 3/6/17. As shown in Table 1 of the report, there is a generally decreasing concentration trend for the analyte concentrations. Benzene was 150 ppb in the 3/6/17 sample, which was a threefold increase from the previous round, but the analytical results for the other analytes in the sample were similar to those of the previous two rounds. At well MW-18 in the UST 4 area, monitoring was performed on 9/1/16, 12/7/16 and 3/6/17. Free phase product was bailed by hand during the December and March visits. Product thickness was 0.30 feet on 12/7/16 and 700 ml of oil was recovered. Product thickess was 0.35 feet on 3/6/17 and 600 ml of oil was recovered. FPM requested that the DEC close the spill case based upon the decreasing analyte concentrations in the water samples from MW-16. However, there was still about 4 inches of product at MW-18. In light of this, I called Mr. Mody [(631) 737-6200, ext 220/r.mody@fpm-group.com] and asked her how she knew that there was 0.30 feet of product in MW-18. She explained that they measure the thickness of the product using a probe. They also look at the bailer which hangs in the well during the quarter and see how

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much oil is in the tube. I remarked that #6 oil has a tendency to smear and so it often looks as if there is more oil than is present. Ms. Mody stated that she will talk to her supervisor and others in the hydrogeology group and see what they think. I told her that sounded like a good idea and to send me an email discussing what they think about the actual thickness of the oil. She said she will. Later, I sent Mr. Mody an email restating the above and also indicating that an alternative to this problem may be the conducting of a sensitive receptor survey combined with a feasibility study for removing additional product. This would be presented to the DEC as one report. 4/7/17 - Raphael Ketani. Mr. Mody sent me an email today stating that UST-4 once had gasoline, but was later converted to diesel fuel in the 1970s. She added that the bailer will be removed from the well and the product will be bailed by hand. They will revisit the site in 2 weeks to observe the product thickness. After this, they will report their findings to the DEC and discuss with staff at the Department what the next step should be. I responded by email and stated that this plan was acceptable to the Department. 6/22/17 - Raphael Ketani. Mr. Mody sent me an email with 3 attachments. One was the York Analytical Labs 6/8/17 product fingerprinting report. The second was the May 2017 Product Recovery Log Sheet dated 5/24/17. The final document was the June 2017 Product Recovery Log Sheet dated 6/8/17. Mr. Mody stated in his email that FPM was on site on 5/24/17 and measured 0.25 feet of product in well MW-18. FPM returned on 6/8/17 and measured 0.21 feet of product. The fingerprinting report indicated that the product was a mixture of either #2 oil or diesel fuel and weathered gasoline. The May 2017 Product Recovery Log Sheet listed the recovery of 450 ml of oil. The June 2017 Product Recovery Log Sheet listed the recovery of 400 ml of oil. 10/26/17 - Raphael Ketani. As no product recovery reports had been received since June 2017, I sent an email to Mr. Marineau (leon_marineau@cascades.com; (819) 363-5702/cell (819) 357-0626), Mr. Etra ((718) 340-2136/richard_etra@norampac.com), Mr. Mody ((631) 737-6200, ext 220/r.mody@fpm-group.com) and Mr. Loyst (631) 737-6200 x 208/k.loyst@fpm-group.com requesting the missing reports for July to September 2017. 10/31/17 - Raphael Ketani. Mr. Etra called this afternoon. He stated that Norampac had forgotten about the need to continue the monitoring and to submit the associated reports. He added that the environmental contractors will go out to the site tomorrow to check on the presence of product. A contract will be signed with them for performing the monitoring and product collection to the end of 2018. Mr. Etra said that he wasn't sure where the oil was coming from as they had dug out the area even to below the footings. I told him that the oil may have collected in the utility conduit nearby. I added that it was very hard to collect #6 oil or degraded diesel or degraded #2 oil as these are thick liquids. Mr. Etra responded that the product was weathered diesel. With that, the conversation ended. 11/1/17 - Raphael Ketani. Today I received the FPM 11/1/17 groundwater monitoring report for well MW-18 at UST-4. The depth to water was 8.38'. The product thickness was 0.23' and the amount of product collected was 350 ml or 0.09 gallons (1ml = 0.000264172 gallons) or 11.8 oz (1ml = 0.033814 oz). 11/6/17 - Raphael Ketani. Mr. Etra sent me the FPM Monthly Monitoring Agreement for gauging well MW-18 and collecting product. In the letter, it is mentioned that the contract term will extend to the end of 2018, or until the pending sale of the property takes place. Mr. Etra had signed the agreement page on 11/6/17. I had no comments. 12/6/17 -

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Raphael Ketani. Today I received the FPM 12/5/17 groundwater monitoring report for well MW-18 at UST-4. The depth to water was 8.35'. The product thickness was 0.15' and the amount of product collected was 200 ml or 0.05 gallons (1ml = 0.000264172 gallons) or 6.8 oz (1ml = 0.033814 oz). 2/12/18 - Raphael Ketani. Today Lindsey Thomas of EPM (Environmental Program Management) [founding partner/(909) 557-0102/lthomas@epm-llc.com] called me. She stated that she represented the new owners of the site, LBA Realty, and wanted to set up a conference call this week. I asked her for the owner contact information, but she said that she didn't have it. I asked her for the date of the purchase and she didn't have that, either. I explained to her that the only thing holding up closing the spill case was the persistent presence of oil in MW-18. I added that if someone could figure a way of more efficiently collecting the product, then maybe the DEC could close the spill case. Ms. Thomas said she agreed and that was one reason for the conference call. I gave her the times when I would be at my desk this week. She said that she will send me an email indicating the preferred time for the call based upon the time slots I had just given her. With that, the call ended. Later, Ms. Thomas sent me an email asking whether a conference call at 2PM on 2/13/18 would be alright. She indicated that the following people would participate in the conference call: Michael Coppola with LBA Realty - representing the new owner Rob Crespi with Chiesa Shahinian & Giantomasi - legal counsel Eric Weinstock with Amec Foster Wheeler - Environmental Consultant I responded that the date and time were fine. 2/13/18 - Raphael Ketani. The conference call took place as planned. In attendance were Ms. Thomas, Michael Coppola and Eric Weinstock. Mr. Weinstock did the majority of the talking and explained what the tentative plan of action would be. His thoughts were that Amec Foster Wheeler would use BioSolve Pinkwater to mobilize and flush out the remaining product. Injections and solution/product recovery would take place once per month. Mr. Weinstock asked whether I was familiar with this surfactant. I told him that I was, but that I had seen mixed recovery results with its use. I added that the efficiency of recovery depended on the permeability of the soil or fill material and the thickness of the product. Mr. Weinstock asked where I had seen it work well. I told him that it worked well with fresh #2 oil spills in the outwash sands of southern Brooklyn. However, where groundwater was isolated or the product was weathered, recovery was minimal. I told everyone that they should put together a letter work plan with a schedule stating what exactly they want to do and the DEC would look at it and decide whether it makes sense. I told everyone that this project is near the end and there has been a decreasing trend with the amount of oil recovered. Mr. Weinstock stated that this is why they want to use the BioSolve. Ms. Thomas stated that FPM was at the site on 1/3/18 and they found 0.11' of product on the water table. They recovered 250 ml of oil (8.45 oz; 1ml = 0.033814 oz). I stated that this indicated that the oil thickness had stabilized and that the spill case would not close so quickly. I added that the increase in the amount of recovered oil may be due to the water table dropping. I also stated that the DEC would like to see monthly product recovery. Mr. Coppola said that I will receive the letter plan with the new owner contact information and the date of sale. I stated that we didn't need a hard copy, just a pdf attached to an email. We will take a look at it and give a quick turnaround. With that, the phone call ended. Later, Ms. Thomas sent me an official

STAR CORRUGATED BOX CO INC (Continued) **1000351051**

letter from EPM listing the new owner's name and contact information. The property was sold on 1/30/18. The new owner is: 55-15 Grand Avenue Property, LLC c/o EPM-LLC 115 E. Sunset Drive South Redlands, CA 92373 (909) 557-0102 LTHOMAS@EPM-LLC.COM Attn: Lindsey Thomas 2/21/18 - Raphael Ketani. Eric Weinstock of Wood PLC [(347) 836-4343/eric.weinstock@woodplc.com] sent me the Amec Foster Wheeler Environment & Infrastructure, Inc. Remedial Action Plan dated 2/20/18. The plan was specifically designed to address the continuing presence of product at MW-18. A 5 gallon aqueous solution of 5% BioSolve will be poured down MW-18. Once pouring has been completed, the solution will be agitated with a surge block. The process will be repeated until the well will no longer accept additional liquid or a total of 50 gallons of solution has been introduced to the well. Then the well will be left unattended for 7 days. After this period of time, a vacuum truck will be utilized to withdraw as much liquid as possible. The vacuum collection will be repeated for 3 months. If there is no free product in MW-18 during this time, then a progress report will be written and submitted to the DEC. I approved the RAP without comment and asked for a task schedule. 2/22/18 - Raphael Ketani. Today I received the task schedule for the remedial work plan. I reviewed the schedule. Biosolve injections will take place on 2/28/18, 3/14/18 and 3/28/18. Pump outs will take place on 3/7/18, 3/21/18 and 4/4/18. The remedial report will be submitted to the Department on 4/18/18. I found the schedule to be acceptable without comments. 4/16/18 - Raphael Ketani. On 4/12/18, I received the Amec Foster Wheeler (AFW) 4/12/18 Quarterly Report and Request for Spill Closure for well MW-18 at UST-4. On 3/8/18, a product layer 0.01 feet thick (sheen) was noted (the product thickness on 2/28/18 was 0.13 feet). Due to the presence of the product, a VEFR event took place. More than 20 gallons of water was removed. Surfactant injection followed by VEFRing was conducted 2 more times after this date. As listed in the well gauging table on page 8 of the report, product was not detected on 3/14/18, 3/20/18, 4/2/18 and 4/9/18. In consideration of the absence of product during the last 4 gauging events, I determined that the spill had been remediated to the extent feasible. Therefore, I determined that any residual contamination would not be a threat to the public or the environment. I closed the spill case effective today. A spill closure letter was sent to: "

Remarks: "(4) 550 GALLON TANKS FAILED HYDROSTATIC TEST. "

All TTF:

Facility ID:	8801503
Spill Number:	8801503
Spill Tank Test:	1533924
Site ID:	299176
Tank Number:	Not reported
Tank Size:	0
Material:	0009
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

STAR CORRUGATED BOX CO INC (Continued) **1000351051**

All Materials:

Site ID:	299176
Operable Unit ID:	918658
Operable Unit:	01
Material ID:	460648
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Site ID:	299176
Operable Unit ID:	918658
Operable Unit:	01
Material ID:	460647
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	L
Recovered:	.00
Oxygenate:	Not reported

Name:	55-15 GRAND AVENUE
Address:	55-15 GRAND AVENUE
City,State,Zip:	MASPETH, NY
Spill Number/Closed Date:	9313195 / 2001-09-10
Facility ID:	9313195
Site ID:	286720
Spill Date:	1994-02-07
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	SJMILLER
Referred To:	Not reported
Reported to Dept:	1994-02-07
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1994-02-08
Spill Record Last Update:	2001-09-10
Spiller Name:	Not reported
Spiller Company:	STAR CORRUGATED BOX CO.
Spiller Address:	55-15 GRAND AVENUE
Spiller County:	001

STAR CORRUGATED BOX CO INC (Continued) **1000351051**

Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	232344
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MILLER 2-8-94 @1115hrs, Responder Miller was dispatched to spill at 55-15 Grand Avenue, Maspeth, Queens. Spill No. 9313195 (1,000-gal. No. 2 oil) was called in yesterday at 1531hrs but occurred @1400hrs. Reportedly, contractor Milro was on site with vac. truck. @1200hrs, Miller arrived on site and met DEP, as they departed after issuing failure to notify. Milro had been vacking up spill but they were waiting for additional personnel to begin mop & squeegee of 2-ASTs (16 K & 14K gal.) on cradles in vault with concrete walls and floors; Star operations man, R. Etra, claimed to have just called in another company to evaluate the ASTs and possibly reline. Milro (Gordon) called me later in day at office to update: both AST vaults were impacted; Milro vacked out 7,000-gallons of No. 2 oil w/10% water - disposed at BCF; apparent high water in vaults; Milro had also cleaned up an earlier No 6(?) spill 5 to 6 (?) weeks earlier in same tank vaults. 8/8/01, FPM Report provided additional information on spill incident noting concrete tank room floor is approximately 12 to 15 ft. below water table. "
Remarks:	"CONTAINED IN TANK ROOM - MILRO IS ON SCENE (516)379-6100"

All Materials:

Site ID:	286720
Operable Unit ID:	991641
Operable Unit:	01
Material ID:	388588
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1000.00
Units:	G
Recovered:	1000.00
Oxygenate:	Not reported

SPILLS:

Name:	55-15 GRAND AVENUE
Address:	55-15 GRAND AVENUE
City,State,Zip:	MASPETH, NY
Spill Number/Closed Date:	9311610 / 1994-09-29
Facility ID:	9311610
Facility Type:	ER
DER Facility ID:	232344
Site ID:	286719
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C3
SWIS:	4101
Spill Date:	1993-12-27
Investigator:	MCTIBBE
Referred To:	Not reported
Reported to Dept:	1993-12-28

STAR CORRUGATED BOX CO INC (Continued) **1000351051**

CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	1994-09-29
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1993-12-29
Spill Record Last Update:	1994-10-04
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE / / : 20 YARDS OF SOIL AND RAILROAD BALLAST REMOVED. DON KEEGAN, CAPITAL ENVIRONMENT. (908) 747-0432. "
Remarks:	"OCURRED DURING FUEL TRANSFER - CLEAN UP TO BE DONE BY MILRO TO DAY - SPILL IN TANK ROOM SPILL CONTAINED IN TANK FROM. OIL FROM THIS SPILL DISCOVERED ON FURTHER SIDE OF BLDG & SECOND VENT ON TANK."

All Materials:

Site ID:	286719
Operable Unit ID:	990228
Operable Unit:	01
Material ID:	390639
Material Code:	0003A
Material Name:	#6 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-50.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	SPILL NUMBER 0012802
Address:	55-15 GRAND AVE
City,State,Zip:	MASPETH, NY
Spill Number/Closed Date:	0012802 / 2001-03-05
Facility ID:	0012802
Facility Type:	ER
DER Facility ID:	242052
Site ID:	299174
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C3
SWIS:	4101
Spill Date:	2001-03-03
Investigator:	TJDEMEO
Referred To:	Not reported
Reported to Dept:	2001-03-03
CID:	396
Water Affected:	Not reported
Spill Source:	Commercial/Industrial

STAR CORRUGATED BOX CO INC (Continued) **1000351051**

Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2001-03-03
Spill Record Last Update:	2004-04-02
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	FIREFIGHTER SMITH
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was DEMEO Fire in motor caused plastic tank to release material into containment structure. All chemical contained. No impacts."
Remarks:	"FDNY AND NYC DEP ON SCENE...NFD."

All Materials:

Site ID:	299174
Operable Unit ID:	834745
Operable Unit:	01
Material ID:	543076
Material Code:	0038E
Material Name:	white caustic
Case No.:	01310732
Material FA:	Hazardous Material
Quantity:	200.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	MANHOLE 3800
Address:	55-15 GRAND AVE
City,State,Zip:	MASPETH, NY
Spill Number/Closed Date:	0107298 / 2001-12-28
Facility ID:	0107298
Facility Type:	ER
DER Facility ID:	242052
Site ID:	299175
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	4101
Spill Date:	2001-10-16
Investigator:	AERODRIG
Referred To:	Not reported
Reported to Dept:	2001-10-16
CID:	205
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False

STAR CORRUGATED BOX CO INC (Continued) **1000351051**

UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2001-10-16
Spill Record Last Update:	2004-04-02
Spiller Name:	CALLER
Spiller Company:	CON ED
Spiller Address:	4 IRVING PLACE
Spiller Company:	001
Contact Name:	CALLER
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was RODRIGUEZ e2mis notes: Found approx 15 gals transformer oil saturated in dirt on floor of TM3800. Transformer failed pressure test. Liquid sample will be taken. Historical records indicate 1 ppm PCB dated 5/13/98. Records indicate transformer manufactured 1955. Print for T<3800 show sump only (no sewer connection). 10/16/01 1446 hrs: Sample has been taken. Unit failed pressure test, but was at minimum, and appears to be a bottom leaker. There will be delay in taking feeder off, so crew will add more oil to unit. 1832 hrs: lab results 8 ppm PCB. 10/18/01 1315 hrs: double washed structure, transformer removed. 10/19/01: structure washed again, new unit installed. Approx 285 gallons removed from old unit."
Remarks:	"spill contained in manhole. con ed #139789."

All Materials:

Site ID:	299175
Operable Unit ID:	845484
Operable Unit:	01
Material ID:	532120
Material Code:	0020A
Material Name:	transformer oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	15.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

FINDS:

Registry ID: 110012405593

Click Here:

Environmental Interest/Information System:

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport,

STAR CORRUGATED BOX CO INC (Continued) **1000351051**

and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
OSHA ESTABLISHMENT
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.
FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.
AIR MINOR

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000351051
Registry ID:	110012405593
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110012405593
Name:	NORAMPAC NYC
Address:	55-15 GRAND AVENUE
City,State,Zip:	MASPETH, NY 11378

NY MANIFEST:

Name:	STAR CORRUGATED BOX CO INC
Address:	55-15 GRAND AVE
City,State,Zip:	MASPETH, NY 11378-0000
Country:	USA
EPA ID:	NYD001281468
Facility Status:	Not reported
Location Address 1:	55-15 GRAND AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	MASPETH
Location State:	NY
Location Zip:	11378
Location Zip 4:	0000

NY MANIFEST:

EPAID:	NYD001281468
Mailing Name:	STAR CORRUGATED BOX CO INC
Mailing Contact:	STAR CORRUGATED BOX CO INC
Mailing Address 1:	55-15 GRAND AVENUE
Mailing Address 2:	Not reported
Mailing City:	MASPETH
Mailing State:	NY
Mailing Zip:	11378
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

STAR CORRUGATED BOX CO INC (Continued) **1000351051**

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	Not reported
Trans1 State ID:	NYD986908085
Trans2 State ID:	NYD986908085
Generator Ship Date:	12/01/2006
Trans1 Recv Date:	12/01/2006
Trans2 Recv Date:	12/11/2006
TSD Site Recv Date:	12/11/2006
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD001281468
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NYD082785429
TSDF ID 2:	Not reported
Manifest Tracking Number:	000072665JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	1
Units:	L
Number of Containers:	1
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Waste Code:	D001
Waste Code 1_2:	D018
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

254
SE
1/4-1/2
0.447 mi.
2360 ft.

APARTMENT BUILDING
52-01 FLUSHING AVE
QUEENS, NY

NY LTANKS **S107410657**
N/A

Relative:
Higher

Actual:
28 ft.

LTANKS:

Name:	APARTMENT BUILDING
Address:	52-01 FLUSHING AVE
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	0507827 / 2006-06-26
Facility ID:	0507827
Site ID:	353315
Spill Date:	2005-09-29
Spill Cause:	Tank Overfill
Spill Source:	Tank Truck
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	SFRAHMAN
Referred To:	Not reported
Reported to Dept:	2005-09-29
CID:	409
Water Affected:	Not reported
Spill Notifier:	Local Agency
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2005-09-29
Spill Record Last Update:	2006-06-26
Spiller Name:	ANDY
Spiller Company:	S AND J FUEL
Spiller Address:	UNKNOWN
Spiller County:	001
Spiller Contact:	RAY LARA
Spiller Phone:	(718) 624-4842
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	300637
DEC Memo:	"NYC Sanitation property Cleaned 4 drums on this side of the property. 10/3/2005 Sangesland spoke to PTC. S&J Fuel cleaned it initially, then hired PTC to steam clean the alley. 01/30/06 Sharif//I spoke with Steve Russell this morning regarding the documentation of clean up by the fence and investigation report about the hole on the yard that was mentioned in DEC's 11/01/2005 letter. 02/28/06 Sharif Rahman-I spoke with Michael Palladino he said he would get back to DEC with relevant documentation.I also contacted Steve Russell,(347)203-0729 from FINAL CONTRACTING and he told me he would have some professional people take soil sample from the hole on the yard and send documentation about the original spill clean up. 03/16/06 Sharif Rahman- I called Steve Russell,(347)203-9733 again who previously wrote me a letter promising the clean up documents.He informed me that he spoke with S&J Fuel Co. and S&J should contact with me. I reminded him that this is his obligation as the facility operator to make sure DEC gets all relevant documents. Cross reference to spill # 0551083. 06/26/06 Sharif Rahman- DEC did n't receive any clean up documents. Considering the extent of spill and

APARTMENT BUILDING (Continued) **S107410657**

verbal statement from the affected party that spill was cleaned up properly spill case can be closed."
Remarks: "CLEAN UP IN PROCESS."

All Materials:
Site ID: 353315
Operable Unit ID: 1110778
Operable Unit: 01
Material ID: 2100818
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 20.00
Units: G
Recovered: .00
Oxygenate: Not reported

Y255 **FEDEX** **NY LTANKS S106004598**
WSW **300 MASPETH AVE** **NY Spills N/A**
1/4-1/2 **BROOKLYN, NY**
0.449 mi.
2370 ft. **Site 1 of 7 in cluster Y**

Relative: **Higher**
Actual: **12 ft.**

LTANKS:
Name: FEDEX
Address: 300 MASPETH AVE
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 0204002 / 2005-12-22
Facility ID: 0204002
Site ID: 291369
Spill Date: 2002-07-15
Spill Cause: Tank Failure
Spill Source: Unknown
Spill Class: B3
Cleanup Ceased: Not reported
SWIS: 2401
Investigator: aaobliga
Referred To: Not reported
Reported to Dept: 2002-07-17
CID: 207
Water Affected: Not reported
Spill Notifier: Affected Persons
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2002-07-17
Spill Record Last Update: 2006-01-06
Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: Not reported
Spiller County: 001
Spiller Contact: JERRY SWART
Spiller Phone: (412) 262-6291
Spiller Extention: Not reported

FEDEX (Continued) **S106004598**

DEC Region: 2
DER Facility ID: 235924
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was VOUGHT 2/13/2003 - Closed Due To The Nature / Extent Of The Spill Report 10/3/05 - Spill transferred from Vought to Obligado."
Remarks: "black tarry substance"

All Materials:
Site ID: 291369
Operable Unit ID: 855266
Operable Unit: 01
Material ID: 518262
Material Code: 0063A
Material Name: unknown hazardous material
Case No.: Not reported
Material FA: Hazardous Material
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

SPILLS:
Name: FEDEX FACILITY
Address: 300 MASPETH AVE
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 0810227 / 2008-12-12
Facility ID: 0810227
Facility Type: ER
DER Facility ID: 235924
Site ID: 407744
DEC Region: 2
Spill Cause: Equipment Failure
Spill Class: C4
SWIS: 2401
Spill Date: 2008-12-12
Investigator: smsanges
Referred To: Not reported
Reported to Dept: 2008-12-12
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial Vehicle
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2008-12-12
Spill Record Last Update: 2008-12-12
Spiller Name: MIKE DOWGER
Spiller Company: FEDEX
Spiller Address: 300 MASPETH AVE
Spiller Company: 999
Contact Name: MIKE DOWGER
DEC Memo: "Sangesland spoke to Dan at Miller. He said there was a spill in the

FEDEX (Continued) **S106004598**

FEDEX parking lot from 20 gal diesel from a delivery truck. Vac truck is sucking out the drain. Because of the rain earlier today there was standing water in the sump and the product was floating on top of the water. Speedie Dry was applied to the parking lot area. 3PM Everything is now cleaned up and Miller is packing up their gear and leaving."

Remarks: "Caller states a leaking fuel tank on a truck caused fuel to spill onto the parking lot and ran into a storm sewer. Miller environmental is cleaning up."

All Materials:

Site ID:	407744
Operable Unit ID:	1164280
Operable Unit:	01
Material ID:	2155653
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	30.00
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

Name:	FEDEX
Address:	300 MASPETH AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0202804 / 2005-12-22
Facility ID:	0202804
Facility Type:	ER
DER Facility ID:	235924
Site ID:	205400
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	B4
SWIS:	2401
Spill Date:	2002-06-17
Investigator:	aaobliga
Referred To:	NFA
Reported to Dept:	2002-06-17
CID:	365
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2002-06-17
Spill Record Last Update:	2005-12-22
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	300 MASPETH AV
Spiller Company:	001
Contact Name:	Not reported

FEDEX (Continued) **S106004598**

DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was VOUGHT 10/15/04-Vought-File review by Vought: Access Agreement-7/10/02. Access agreement for FedEx to remove USTs and portion of tankfield on adjacent property. Letter from Testwell Labs(Pearce) to FedEx(Swart)-7/10/02. Work proposal for installation of nine soil borings, field screening of soil samples, conversion of three of the borings into monitoring wells, quarterly sampling of the wells and further excavation of the soil and piping. Letter from Testwell Labs(Pearce) to DEC Vought-7/22/02. Soil samples were taken from the walls and groundwater after the underground fuel storage tanks and surrounding had been removed... Testwell recommends: 1)backfilling of UST excavation 2)SVOC's are due to fill material 3)if wells are deemed necessary they are to be installed at a later date after site work (piles and foundations) is complete 4)remaining vent lines terminate at surface level and remaining contaminated soil on adjacent property should be removed. Letter from Gannett Fleming (Ernst) to DEC Vought-8/13/02. This letter is intended to inform the NYSDEC of the projected site remediation activities. Based on the endpoint soil data (samples WSW and SSW no further action is recommended for the soil beneath facility footprint which is currently under construcion . No groundwater monitoring wells are proposed inside the facility. Gannett Fleming will provide a comprehensive site investigation report on both the UST removal and for the black tar like substance found in the southwestern portion of the site . Report from Gannett Fleming to DEC Vought-8/28/04. This letter provides a summary of the additional investigation activities and sample analysis that have taken place..... Removal of twenty (550-gallon) gasoline USTs and 900 tons of impacted soil. See above 7/22/02 entry for endpoint analyticals. Soil analyticals show 7750ppb 1,3,5-trimethylbenzene(WSW Wall) and 6470ppb xylene(WSW Wall), 110ppb benzene(vent x bottom), 110ppb benzene(Vent x sw), 120ppb benzene(n wall composite), 5900ppb 1,3,5-trimethylbenzene(n wall composite), 11000ppb 1,2,4-trimethylbenzene(n wall composite). Groundwater analytical from one well shows 40ppb benzene and 26ppb xylene. Black stained soil exhibiting a strong petroleum odor was observed adjacent to the southwestern portion of the existing warehouse . Seven test pits were dug to delineate the stained soil but no groundwater samples were collected. Report recommends: 1)no further actions for soils south and west of the former UST area 2)additional delineation north and east of the former UST area via Geoprobe 3)installation of six montoring wells (two upgradient and four downgradient). Investigation activities will be provided to DEC in a supplemental site investigation report. Soil analyticals shos PAH exceedences throughout site due to fill material. Report from Gannett Fleming to DEC Vought-6/8/04. This letter report documents the results of investigative activities conducted.... A review of historic Sanborn maps indicate a Brooklyn Union Gas bulk petroleum storage and distribution terminal was present in the southwestern portion of the site in 1951. Installation of six monitoring wells. An additional well was installed to replace a well destroyed in the tankfield excavation. Groundwater at a depth of 8' below grade. ..groundwater flows to the north in the northern portion of the site. Groundwater flows converge to the east in the southern portion of the site . Groundwater analyticals show 21ppb ethylbenzene(MW1), 13ppb 1,3,5-trimethylbenzene(MW1), 97ppb napthalene(MW1), 10ppb benzene(MW2), 7ppb ethylbenzene(MW2), 93ppb napthalene(MW2), 20ppb benzene(MW7), 7ppb ethylbenzene(MW7), 35ppb xylene(MW7), 52ppb

FEDEX (Continued) **S106004598**

napthalene(MW7). Soil analyticals showed no VOC exceedences and SVOC exceedences attributable to fill material. Report recommends: 1)no further action with respect to soil 2)no further action for onsite groundwater due to poor regional groundwater quality . Report requests no further action. DEC requires: 1)one full year of groundwater monitoring prior to closure. 10/18/04-Vought-Sent letter with above requirement. 9/27/05 - Obligado - SITE TRANSFERRED FROM VOUGHT TO OBLIGADO 9/30/05 - Obligado - Called Manfred Bohms, left message. 10/03/05 - Obligado - Spoke with Manfred Bohms (516) 671-8440. Said that a final quarterly monitoring report should be received by Department in a few weeks. 11/7/05 - Obligado - Review final quarterly monitoring report. Ground water results show 28 ppb benzene (MW1), 28 ppb ethylbenzene (mw1), 10 ppb xylenes (mw1), 3 ppb benzene (mw3), 34 ppb benzene (mw7), 6 ppb toluene (mw7), 32 ppb xylenes (mw7), 150 ppb napthalene (mw7). Conclusions: GW data indicate ground water contmaination is stagnant. GW flow and quality have remained consistent throughout monitoring program. Stagnant gw plume indicate groundwater impacts representative of regional groundwater quality . Requests no further action. Will discuss with Joe Sun. 12/22/05 - Obligado - Spoke with Koon. Approves NFA. Minor residual contamination possibly coming from offsite - former Brooklyn Union is across the street. Spill closed. Letter sent. "

Remarks: "they were excavating a previously closed tank & came across it by the piping - they will excavate & stock pile the soil"

All Materials:

Site ID:	205400
Operable Unit ID:	855853
Operable Unit:	01
Material ID:	520642
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	2.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Y256 **GREENPOINT ENERGY CTR** **NY CBS** **S100494601**
WSW **287 MASPETH AVE** **NY AST** **N/A**
1/4-1/2 **BROOKLYN, NY 11211** **NY MOSF AST**
0.449 mi. **NY Spills**
2371 ft. **Site 2 of 7 in cluster Y** **NY AIRS**
NY HSWDS

Relative:
Higher

Actual:
14 ft.

CBS:

Name:	NATIONAL GRID GREENPOINT SERVICE CENTER
Address:	287 MASPETH AVE.
City,State,Zip:	BROOKLYN, NY 11211
CBS Number:	2-000519
Program Type:	CBS
Facility Status:	Unregulated/Closed
Expiration Date:	Not reported
Dec Region:	2
UTMX:	590235.61396
UTMY:	4508095.73908

GREENPOINT ENERGY CTR (Continued) **S100494601**

AST:

Name:	NATIONAL GRID GREENPOINT SERVICE CENTER
Address:	287 MASPETH AVE.
City,State,Zip:	BROOKLYN, NY 11211
Region:	STATE
DEC Region:	2
Site Status:	Unregulated/Closed
Facility Id:	2-000519
Program Type:	CBS
UTM X:	590235.61396
UTM Y:	4508095.73908
Expiration Date:	N/A
Site Type:	Utility (Other than Municipal)

Tank Info:

Tank Number:	004
Tank Id:	264549
Tank Location:	Aboveground - contact with impervious barrier... Tank bottom rests on impervious barrier, allowing visual indication of leaks.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	01/01/1998
Capacity Gallons:	280
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	08/10/2017
Register:	True
Modified By:	ACDANIEL
Last Modified:	09/12/2017
Material Name:	Not reported

MOSF AST:

MOSF Number:	2-2340
SWIS Code:	61
Facility Town:	NEW YORK CITY
Facility Phone:	(718) 963-5414
Emergency Contact Name:	ROBERT GUIDI
Emergency Contact Phone:	(718) 963-5414
Total Tanks:	0
Total Capacity:	0
Daily Throughput:	0
License Status:	Not reported
Facility Type:	MANUFACTURING
Product Transfer Operation:	CD
Facility Status:	ABANDONED/REMOVED
Operator Name:	ROBERT GUIDI
Owner Name:	BROOKLYN UNION GAS
Owner Address:	195 MONTAGUE STREET
Owner City,St,Zip:	BROOKLYN, NY 11201-
Owner Phone:	(718) 963-5414
Owner Type:	Corporate/Commercial
Owner Status:	1
Owner Mark:	First Owner
Mailing Name:	BROOKLYN UNION GAS

GREENPOINT ENERGY CTR (Continued) **S100494601**

Mailing Address:	287 MASPETH AVENUE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11211-
Mailing Contact:	ROBERT GUIDI
Mailing Phone:	(718) 963-5414
Legal Agent Name:	SECRETARY OF STATE OF THE STATE OF NY
Legal Agent Address:	195 MONTAGUE STREET
Legal Agent City,St,Zip:	BROOKLYN, NY 11201-
LIC Expires:	03/31/1992

Tank ID:	T-1001
Tank Location:	ABOVEGROUND
Install Date:	00/73
Product:	EMPTY
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	CATHODIC PROTECTION
Pipe Location:	Aboveground/Underground Combination
Pipe Type:	Steel/Iron
Pipe Internal:	None
Pipe External:	Wrapped (Piping
Secondary Containment:	Other
Leak Detection:	Groundwater Well
Overfill Protection:	High Level Alarm
Dispensing Mthd:	Suction
Test Date:	Not reported
Date Closed:	10/91
Status of Data:	Complete
Capacity (gal):	417826
Lat/Long:	40|43|28 / 73|55|41
Federal ID:	Not reported
Inspected Date:	/ /
Inspector:	Not reported
Renew Date:	10/30/1991
Inspected State:	Not reported
Pipe Flag:	True
Vessel ID:	Not reported
Reserve Flag:	True
Tank Status:	0
COI Date:	/ /
Date License Issued:	10/23/1991
Date License Application Received:	02/06/1992
Chemical Bulk Storage Number:	Not reported
Pollution Discharge Elimination System Num:	Not reported
Date Legal Agent Filed with Secretary of State:	02/78

Tank ID:	T-1002
Tank Location:	ABOVEGROUND
Install Date:	00/73
Product:	EMPTY
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	CATHODIC PROTECTION
Pipe Location:	Aboveground/Underground Combination
Pipe Type:	Steel/Iron
Pipe Internal:	None

GREENPOINT ENERGY CTR (Continued) **S100494601**

Pipe External:	Wrapped (Piping
Secondary Containment:	Other
Leak Detection:	Groundwater Well
Overfill Protection:	High Level Alarm
Dispensing Mthd:	Suction
Test Date:	12/90
Date Closed:	11/91
Status of Data:	Complete
Capacity (gal):	417826
Lat/Long:	40|43|28 / 73|55|41
Federal ID:	Not reported
Inspected Date:	/ /
Inspector:	Not reported
Renew Date:	10/30/1991
Inspected State:	Not reported
Pipe Flag:	True
Vessel ID:	Not reported
Reserve Flag:	True
Tank Status:	0
COI Date:	/ /
Date License Issued:	10/23/1991
Date License Application Received:	02/06/1992
Chemical Bulk Storage Number:	Not reported
Pollution Discharge Elimination System Num:	Not reported
Date Legal Agent Filed with Secretary of State:	02/78

Tank ID:	T-1003
Tank Location:	ABOVEGROUND
Install Date:	00/56
Product:	EMPTY
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	PAINTED [e.g. asphaltic]
Pipe Location:	Aboveground/Underground Combination
Pipe Type:	Steel/Iron
Pipe Internal:	None
Pipe External:	Wrapped (Piping
Secondary Containment:	8A
Leak Detection:	Groundwater Well
Overfill Protection:	High Level Alarm
Dispensing Mthd:	Suction
Test Date:	12/90
Date Closed:	11/91
Status of Data:	Complete
Capacity (gal):	1969093
Lat/Long:	40|43|28 / 73|55|41
Federal ID:	Not reported
Inspected Date:	/ /
Inspector:	Not reported
Renew Date:	10/30/1991
Inspected State:	Not reported
Pipe Flag:	True
Vessel ID:	Not reported
Reserve Flag:	True
Tank Status:	0
COI Date:	/ /

GREENPOINT ENERGY CTR (Continued) **S100494601**

Date License Issued:	10/23/1991
Date License Application Received:	02/06/1992
Chemical Bulk Storage Number:	Not reported
Pollution Discharge Elimination System Num:	Not reported
Date Legal Agent Filed with Secretary of State:	02/78

Tank ID:	T-1004
Tank Location:	ABOVEGROUND
Install Date:	00/56
Product:	EMPTY
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	CATHODIC PROTECTION
Pipe Location:	Aboveground/Underground Combination
Pipe Type:	Steel/Iron
Pipe Internal:	None
Pipe External:	Wrapped (Piping
Secondary Containment:	8A
Leak Detection:	02
Overfill Protection:	High Level Alarm
Dispensing Mthd:	Suction
Test Date:	12/90
Date Closed:	11/91
Status of Data:	Complete
Capacity (gal):	1969093
Lat/Long:	40|43|28 / 73|55|41
Federal ID:	Not reported
Inspected Date:	/ /
Inspector:	Not reported
Renew Date:	10/30/1991
Inspected State:	Not reported
Pipe Flag:	True
Vessel ID:	Not reported
Reserve Flag:	True
Tank Status:	0
COI Date:	/ /
Date License Issued:	10/23/1991
Date License Application Received:	02/06/1992
Chemical Bulk Storage Number:	Not reported
Pollution Discharge Elimination System Num:	Not reported
Date Legal Agent Filed with Secretary of State:	02/78

Tank ID:	T-1005
Tank Location:	ABOVEGROUND
Install Date:	00/56
Product:	EMPTY
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	PAINTED [e.g. asphaltic]
Pipe Location:	Aboveground/Underground Combination
Pipe Type:	Steel/Iron
Pipe Internal:	None
Pipe External:	Wrapped (Piping
Secondary Containment:	Concrete Dike
Leak Detection:	Groundwater Well

GREENPOINT ENERGY CTR (Continued) **S100494601**

Overfill Protection:	High Level Alarm
Dispensing Mthd:	Suction
Test Date:	12/90
Date Closed:	11/91
Status of Data:	Complete
Capacity (gal):	1969093
Lat/Long:	40|43|28 / 73|55|41
Federal ID:	Not reported
Inspected Date:	/ /
Inspector:	Not reported
Renew Date:	10/30/1991
Inspected State:	Not reported
Pipe Flag:	True
Vessel ID:	Not reported
Reserve Flag:	True
Tank Status:	0
COI Date:	/ /

Date License Issued:	10/23/1991
Date License Application Received:	02/06/1992
Chemical Bulk Storage Number:	Not reported
Pollution Discharge Elimination System Num:	Not reported
Date Legal Agent Filed with Secretary of State:	02/78

SPILLS:

Name:	NATIONAL GRID PROPERTY
Address:	287 MASPETH AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	2005923 / 2020-09-30
Facility ID:	2005923
Facility Type:	ER
DER Facility ID:	394939
Site ID:	611731
DEC Region:	2
Spill Cause:	Human Error
Spill Class:	Not reported
SWIS:	2401
Spill Date:	2020-09-30
Investigator:	RJFENG
Referred To:	Not reported
Reported to Dept:	2020-09-30
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Passenger Vehicle
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2020-09-30
Spill Record Last Update:	2020-09-30
Spiller Name:	NANCY WAGNER
Spiller Company:	NATIONAL GRID
Spiller Address:	287 MASTIC AVE
Spiller Company:	999
Contact Name:	NANCY WAGNER

GREENPOINT ENERGY CTR (Continued) **S100494601**

DEC Memo: "9/30/2020 - Feng - Desk Duty in office. Spoke to Nancy Wagner of Miller Environmental. The correct address is 287 Maspeth Ave, Brooklyn. It is a National Grid property. They were doing a fire test today. The fire retardant form, a baking soda like chemical was spilled on the pavement of the basement. The facility is equipped with a gas pump. The chemical material was using in the fire test and spilled on the ground. No known the quantity it spilled. No impact to the soil and drain. The company who spilled the material will vac it up and remove it. She will call them for updates and will respond to my email. Nancy Wagner Miller Environmental 631-506-9144 NWagner@millerenv.com Received photos from Nancy Wagner. It is the dry chemical or fire retardant material, fell from the overhead fire suppression system at the gas pumps. As per R. Austin, it is not something DEC would respond. Spill is closed. "

Remarks: "unk amount of product freed. clean up pending."

All Materials:

Site ID:	611731
Operable Unit ID:	1358879
Operable Unit:	01
Material ID:	2370324
Material Code:	0980A
Material Name:	fire retardant foam
Case No.:	Not reported
Material FA:	Other
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

Name:	COMMERCIAL PROPERTY
Address:	287 MASPETH AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	2006012 / 2020-12-02
Facility ID:	2006012
Facility Type:	ER
DER Facility ID:	394939
Site ID:	611830
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C5
SWIS:	2401
Spill Date:	2020-09-25
Investigator:	EJKIM
Referred To:	Not reported
Reported to Dept:	2020-10-02
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2020-10-02

GREENPOINT ENERGY CTR (Continued) **S100494601**

Spill Record Last Update:	2020-12-04
Spiller Name:	Not reported
Spiller Company:	NAT GRID
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	CHRIS MORRIS
DEC Memo:	"10/2/20 - Kim - Desk Duty - I called Chris with GEI who stated that this spill is at a State Superfund site; DEC-Albany PM: Greta White. The spill that was called in is not directly related to the Former MGP site. In the southwest corner of the site there are 7 USTs (4 in one bank and 3 in another) that were associated with a former varnish company that closed in 1933. The tank systems have been out of service for approximately 80-90 years. As part of the GEI Work Plan, they investigated the USTs and dug some borings and test pits. In the soil from the borings, GEI found some staining and high PID readings and in a test pit, the water had a sheen. The tanks are supposed to have stored turpentine. After GEI pulled that tanks and inspected them, they found a few inches of water and a small amount of product. The product smelled almost like fuel oil with a hint of a solvent smell. These tanks are located beneath the building foundation so their removal would be complicated. 12/2/20 - Kim - I received a call from DEC-Albany PM Greta White. This spill case is being consolidated and will be managed by DEC White under Remedial MGP Site no. 224052, K - Greenpoint MGP - Energy Center. This spill case is closed."
Remarks:	"superfund site - cleanup pending - under investigation"

All Materials:

Site ID:	611830
Operable Unit ID:	1358975
Operable Unit:	01
Material ID:	2370441
Material Code:	0064A
Material Name:	unknown material
Case No.:	Not reported
Material FA:	Other
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

Name:	NATIONAL GRID
Address:	287 MASPETH AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	1903222 / 2019-06-28
Facility ID:	1903222
Facility Type:	ER
DER Facility ID:	394939
Site ID:	591177
DEC Region:	2
Spill Cause:	Human Error
Spill Class:	C4
SWIS:	2401
Spill Date:	2019-06-28
Investigator:	PXLAKHAN
Referred To:	Not reported
Reported to Dept:	2019-06-28
CID:	Not reported

GREENPOINT ENERGY CTR (Continued) **S100494601**

Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2019-06-28
Spill Record Last Update:	2019-06-28
Spiller Name:	KEN WALSH
Spiller Company:	MILLER ENVIRONMENTAL
Spiller Address:	287 MASPETH AVE
Spiller Company:	999
Contact Name:	KEN WALSH
DEC Memo:	"06/28/19 - Lakhani 1 gallon spilled while National Grid was cutting into their gas line on their site. There was oil condensate in the pipe. 1 gallon spilled to the asphalt surface. The remaining product was caught in spill buckets. Cleanup is being performed by Miller Environmental. "
Remarks:	""

All Materials:

Site ID:	591177
Operable Unit ID:	1338800
Operable Unit:	01
Material ID:	2348308
Material Code:	0013
Material Name:	lube oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

AIRS:

Name:	GREENPOINT ENERGY CTR
Address:	287 MASPETH AVE
City,State,Zip:	BROOKLYN, NY 11211
DECID:	2610100071
Process ID:	Not reported
Latitude:	40.720050931
Longitude:	73.930320909
FIPS Code:	Not reported
Auth Type Code:	Not reported
Permit Status:	Expired
Auth Status Code:	Not reported
Emissions:	Not reported
Issue date:	09/18/2007
Expired Date:	09/17/2012
Emission Unit date:	Not reported
Contamination:	Not reported
EPA Control Code:	Not reported

GREENPOINT ENERGY CTR (Continued) **S100494601**

Control Eff: Not reported
Unit: Not reported

Permit Status: Expired
Auth Status Code: Not reported
Emissions: Not reported
Issue date: 12/11/2012
Expired Date: 12/10/2017
Emission Unit date: Not reported
Contamination: Not reported
EPA Control Code: Not reported
Control Eff: Not reported
Unit: Not reported

Permit Status: Issued
Auth Status Code: Not reported
Emissions: Not reported
Issue date: 10/31/2017
Expired Date: 12/10/2022
Emission Unit date: Not reported
Contamination: Not reported
EPA Control Code: Not reported
Control Eff: Not reported
Unit: Not reported

Permit Status: Expired
Auth Status Code: Not reported
Emissions: Not reported
Issue date: 02/20/2003
Expired Date: 09/11/2007
Emission Unit date: Not reported
Contamination: Not reported
EPA Control Code: Not reported
Control Eff: Not reported
Unit: Not reported

Permit Status: Expired
Auth Status Code: Not reported
Emissions: Not reported
Issue date: 06/16/2003
Expired Date: 09/11/2007
Emission Unit date: Not reported
Contamination: Not reported
EPA Control Code: Not reported
Control Eff: Not reported
Unit: Not reported

Permit Status: Expired
Auth Status Code: Not reported
Emissions: Not reported
Issue date: 01/31/2005
Expired Date: 09/11/2007
Emission Unit date: Not reported
Contamination: Not reported
EPA Control Code: Not reported
Control Eff: Not reported
Unit: Not reported

GREENPOINT ENERGY CTR (Continued) **S100494601**

Permit Status:	Expired
Auth Status Code:	Not reported
Emissions:	Not reported
Issue date:	09/12/2007
Expired Date:	Not reported
Emission Unit date:	Not reported
Contamination:	Not reported
EPA Control Code:	Not reported
Control Eff:	Not reported
Unit:	Not reported

AIRS Detail:

DECID:	2610100071
Facility Name:	GREENPOINT ENERGY CTR
Auth Type:	ATV
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	Not reported
CAS #:	Not reported
Contaminant:	CARBON MONOXIDE
Amount(Lbs/Yr):	Not reported
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	Not reported
CAS #:	Not reported
Contaminant:	OXIDES OF NITROGEN
Amount(Lbs/Yr):	Not reported
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	Not reported
CAS #:	Not reported
Contaminant:	PARTICULATES
Amount(Lbs/Yr):	Not reported
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	Not reported
CAS #:	Not reported
Contaminant:	VOC
Amount(Lbs/Yr):	Not reported
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	Not reported
CAS #:	Not reported
Contaminant:	SULFUR DIOXIDE
Amount(Lbs/Yr):	Not reported
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	Not reported
CAS #:	Not reported
Contaminant:	TOTAL HAP
Amount(Lbs/Yr):	Not reported

GREENPOINT ENERGY CTR (Continued) **S100494601**

Issue Date: Not reported
Expiration Date: Not reported
Year: Not reported
CAS #: Not reported
Contaminant: PM-10
Amount(Lbs/Yr): Not reported

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 0NY210000
Contaminant: OXIDES OF NITROGEN
Amount(Lbs/Yr): 353

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 0NY075105
Contaminant: UNSPECIATED PM-10 (EMISSION STATEMENT USE ONLY)
Amount(Lbs/Yr): 77

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 000124389
Contaminant: CARBON DIOXIDE
Amount(Lbs/Yr): 524183

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 000630080
Contaminant: CARBON MONOXIDE
Amount(Lbs/Yr): 4256

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 0NY998100
Contaminant: UNSPECIATED VOC (EMISSION STATEMENT USE ONLY)
Amount(Lbs/Yr): 1568

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 0NY998100
Contaminant: UNSPECIATED VOC (EMISSION STATEMENT USE ONLY)
Amount(Lbs/Yr): 87

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 0NY075105
Contaminant: UNSPECIATED PM-10 (EMISSION STATEMENT USE ONLY)
Amount(Lbs/Yr): 9

Issue Date: Not reported

GREENPOINT ENERGY CTR (Continued) **S100494601**

Expiration Date: Not reported
Year: 2016
CAS #: 000124389
Contaminant: CARBON DIOXIDE
Amount(Lbs/Yr): 137151

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 000630080
Contaminant: CARBON MONOXIDE
Amount(Lbs/Yr): 236

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 007446095
Contaminant: SULFUR DIOXIDE
Amount(Lbs/Yr): 1

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 0NY075105
Contaminant: UNSPECIATED PM-10 (EMISSION STATEMENT USE ONLY)
Amount(Lbs/Yr): 77

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 0NY210000
Contaminant: OXIDES OF NITROGEN
Amount(Lbs/Yr): 6362

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 0NY210000
Contaminant: OXIDES OF NITROGEN
Amount(Lbs/Yr): 114

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 000630080
Contaminant: CARBON MONOXIDE
Amount(Lbs/Yr): 96

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 065996932
Contaminant: PITCH, COAL TAR, HIGH-TEMP.
Amount(Lbs/Yr): 2.9999999999999999E-2

Issue Date: Not reported
Expiration Date: Not reported

GREENPOINT ENERGY CTR (Continued) **S100494601**

Year: 2016
CAS #: 0NY998100
Contaminant: UNSPECIATED VOC (EMISSION STATEMENT USE ONLY)
Amount(Lbs/Yr): 6

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 0NY075105
Contaminant: UNSPECIATED PM-10 (EMISSION STATEMENT USE ONLY)
Amount(Lbs/Yr): 1389

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 065996932
Contaminant: PITCH, COAL TAR, HIGH-TEMP.
Amount(Lbs/Yr): 0.46999999999999997

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 000124389
Contaminant: CARBON DIOXIDE
Amount(Lbs/Yr): 29067

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 0NY210000
Contaminant: OXIDES OF NITROGEN
Amount(Lbs/Yr): 6362

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 0NY210000
Contaminant: OXIDES OF NITROGEN
Amount(Lbs/Yr): 114

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 000630080
Contaminant: CARBON MONOXIDE
Amount(Lbs/Yr): 96

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 065996932
Contaminant: PITCH, COAL TAR, HIGH-TEMP.
Amount(Lbs/Yr): 2.9999999999999999E-2

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016

GREENPOINT ENERGY CTR (Continued) **S100494601**

CAS #: 0NY998100
Contaminant: UNSPECIATED VOC (EMISSION STATEMENT USE ONLY)
Amount(Lbs/Yr): 6

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 0NY075105
Contaminant: UNSPECIATED PM-10 (EMISSION STATEMENT USE ONLY)
Amount(Lbs/Yr): 1389

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 065996932
Contaminant: PITCH, COAL TAR, HIGH-TEMP.
Amount(Lbs/Yr): 0.46999999999999997

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 000124389
Contaminant: CARBON DIOXIDE
Amount(Lbs/Yr): 29067

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 0NY210000
Contaminant: OXIDES OF NITROGEN
Amount(Lbs/Yr): 353

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 007446095
Contaminant: SULFUR DIOXIDE
Amount(Lbs/Yr): 3

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 000124389
Contaminant: CARBON DIOXIDE
Amount(Lbs/Yr): 524183

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 000630080
Contaminant: CARBON MONOXIDE
Amount(Lbs/Yr): 4256

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 0NY998100

GREENPOINT ENERGY CTR (Continued) **S100494601**

Contaminant: UNSPECIATED VOC (EMISSION STATEMENT USE ONLY)
Amount(Lbs/Yr): 1568

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 0NY998100
Contaminant: UNSPECIATED VOC (EMISSION STATEMENT USE ONLY)
Amount(Lbs/Yr): 87

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 0NY075105
Contaminant: UNSPECIATED PM-10 (EMISSION STATEMENT USE ONLY)
Amount(Lbs/Yr): 9

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 000124389
Contaminant: CARBON DIOXIDE
Amount(Lbs/Yr): 137151

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 000630080
Contaminant: CARBON MONOXIDE
Amount(Lbs/Yr): 236

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 007446095
Contaminant: SULFUR DIOXIDE
Amount(Lbs/Yr): 1

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 007446095
Contaminant: SULFUR DIOXIDE
Amount(Lbs/Yr): 3

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 0NY075025
Contaminant: PM 2.5
Amount(Lbs/Yr): 1157.3180408

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 0NY075105
Contaminant: UNSPECIATED PM-10 (EMISSION STATEMENT USE ONLY)

GREENPOINT ENERGY CTR (Continued) **S100494601**

Amount(Lbs/Yr):	1142.7700131
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2012
CAS #:	0NY210000
Contaminant:	OXIDES OF NITROGEN
Amount(Lbs/Yr):	5429.25
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2012
CAS #:	0NY998100
Contaminant:	UNSPECIATED VOC (EMISSION STATEMENT USE ONLY)
Amount(Lbs/Yr):	1315.68
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2012
CAS #:	000050000
Contaminant:	FORMALDEHYDE
Amount(Lbs/Yr):	0.098349373334
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2012
CAS #:	000050328
Contaminant:	BENZO(A)PYRENE
Amount(Lbs/Yr):	1.5734325318e-006
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2012
CAS #:	000053703
Contaminant:	DIBENZ[A,H]ANTHRACENE
Amount(Lbs/Yr):	1.5734325318e-006
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2012
CAS #:	000056495
Contaminant:	3-METHYLCHOLANTHRENE
Amount(Lbs/Yr):	3.5988071674e-006
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2012
CAS #:	000056553
Contaminant:	BENZO(A)ANTHRACENE
Amount(Lbs/Yr):	2.3605424016e-006
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2012
CAS #:	000057976
Contaminant:	7,12-DIMETHYLBENZ[A]ANTHRACENE
Amount(Lbs/Yr):	3.1987284139e-005

GREENPOINT ENERGY CTR (Continued) **S100494601**

Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2012
CAS #:	000071432
Contaminant:	BENZENE
Amount(Lbs/Yr):	0.0027537824533
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2012
CAS #:	000074828
Contaminant:	METHANE
Amount(Lbs/Yr):	4.66106
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2012
CAS #:	000074840
Contaminant:	ETHANE
Amount(Lbs/Yr):	6.26882
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2012
CAS #:	000074986
Contaminant:	PROPANE
Amount(Lbs/Yr):	2.0981199645
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2012
CAS #:	000078922
Contaminant:	SEC-BUTYL ALCOHOL (8CI)
Amount(Lbs/Yr):	0.02
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2012
CAS #:	000083329
Contaminant:	ACENAPHTHENE
Amount(Lbs/Yr):	3.5988071674e-006
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2012
CAS #:	000085018
Contaminant:	PHENANTHRENE
Amount(Lbs/Yr):	2.2292524622e-005
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2012
CAS #:	000086737
Contaminant:	FLUORENE
Amount(Lbs/Yr):	5.598012426e-006
Issue Date:	Not reported

GREENPOINT ENERGY CTR (Continued) **S100494601**

Expiration Date: Not reported
Year: 2012
CAS #: 000091203
Contaminant: NAPHTHALENE
Amount(Lbs/Yr): 0.00079990823645

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000091576
Contaminant: 2-METHYL NAPHTHALENE
Amount(Lbs/Yr): 4.7980926208e-005

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000106978
Contaminant: BUTANE
Amount(Lbs/Yr): 2.7537824533

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000108883
Contaminant: TOLUENE
Amount(Lbs/Yr): 0.0044585049245

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000109660
Contaminant: PENTANE
Amount(Lbs/Yr): 3.4094449422

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000110543
Contaminant: HEXANE
Amount(Lbs/Yr): 2.36038496

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000111762
Contaminant: ETHANOL, 2-BUTOXY-
Amount(Lbs/Yr): 0.03

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000120127
Contaminant: ANTHRACENE
Amount(Lbs/Yr): 4.7982114717e-006

Issue Date: Not reported
Expiration Date: Not reported

GREENPOINT ENERGY CTR (Continued) **S100494601**

Year: 2012
CAS #: 000124389
Contaminant: CARBON DIOXIDE
Amount(Lbs/Yr): 667766

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000129000
Contaminant: PYRENE
Amount(Lbs/Yr): 9.9960262934e-006

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000191242
Contaminant: BENZO[G,H,I]PERYLENE
Amount(Lbs/Yr): 0.0010254307006

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000193395
Contaminant: INDENO[1,2,3-CD]PYRENE
Amount(Lbs/Yr): 3.5988071674e-006

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000205992
Contaminant: BENZO[B]FLUORANTHENE
Amount(Lbs/Yr): 3.5988071674e-006

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000206440
Contaminant: FLUORANTHENE
Amount(Lbs/Yr): 5.997615776e-006

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000207089
Contaminant: BENZO[K]FLUORANTHENE
Amount(Lbs/Yr): 2.3605424016e-006

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000218019
Contaminant: CHRYSENE
Amount(Lbs/Yr): 2.3605424016e-006

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012

GREENPOINT ENERGY CTR (Continued) **S100494601**

CAS #: 000630080
Contaminant: CARBON MONOXIDE
Amount(Lbs/Yr): 3666

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 001746016
Contaminant: 2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN
Amount(Lbs/Yr): 1.8232682681e-009

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007439921
Contaminant: LEAD
Amount(Lbs/Yr): 0.00099960262934

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007439965
Contaminant: MANGANESE
Amount(Lbs/Yr): 0.0007596979983

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007439976
Contaminant: MERCURY
Amount(Lbs/Yr): 1.4077622727e-008

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007439987
Contaminant: MOLYBDENUM
Amount(Lbs/Yr): 0.0021991257845

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007440020
Contaminant: NICKEL METAL AND INSOLUBLE COMPOUNDS
Amount(Lbs/Yr): 0.0041983310432

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007440382
Contaminant: ARSENIC
Amount(Lbs/Yr): 0.00039963304782

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007440393

GREENPOINT ENERGY CTR (Continued) **S100494601**

Contaminant: BARIUM
Amount(Lbs/Yr): 0.0087965031382

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007440417
Contaminant: BERYLLIUM
Amount(Lbs/Yr): 2.3990463104e-005

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007440439
Contaminant: CADMIUM
Amount(Lbs/Yr): 0.0021985987738

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007440473
Contaminant: CHROMIUM
Amount(Lbs/Yr): 0.0027981893484

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007440484
Contaminant: COBALT
Amount(Lbs/Yr): 0.00016793324173

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007440508
Contaminant: COPPER
Amount(Lbs/Yr): 0.0016993244699

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007440622
Contaminant: VANADIUM
Amount(Lbs/Yr): 0.004598172095

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007440666
Contaminant: ZINC
Amount(Lbs/Yr): 0.057976952502

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007446095
Contaminant: SULFUR DIOXIDE

GREENPOINT ENERGY CTR (Continued) **S100494601**

Amount(Lbs/Yr): 3.56126

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007664417
Contaminant: AMMONIA
Amount(Lbs/Yr): 6.47104

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007727437
Contaminant: SULFURIC ACID BARIUM SALT
Amount(Lbs/Yr): 0.01

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007782492
Contaminant: SELENIUM
Amount(Lbs/Yr): 4.7980926208e-005

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 010024972
Contaminant: NITROUS OXIDE
Amount(Lbs/Yr): 4.44884

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 013463677
Contaminant: TITANIUM DIOXIDE
Amount(Lbs/Yr): 0.08

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 014807966
Contaminant: TALC
Amount(Lbs/Yr): 0.02

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 025321226
Contaminant: DICHLOROBENZENE
Amount(Lbs/Yr): 0.0015735899733

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 065996932
Contaminant: PITCH, COAL TAR, HIGH-TEMP.
Amount(Lbs/Yr): 0.39

GREENPOINT ENERGY CTR (Continued) **S100494601**

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 068855549
Contaminant: KIESELGHUR SODA ASH FLUX CALCINED
Amount(Lbs/Yr): 0.01

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000050000
Contaminant: FORMALDEHYDE
Amount(Lbs/Yr): 0.0044913830703

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000050328
Contaminant: BENZO(A)PYRENE
Amount(Lbs/Yr): 8.2169856504e-008

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000053703
Contaminant: DIBENZ[A,H]ANTHRACENE
Amount(Lbs/Yr): 8.2169856504e-008

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000056495
Contaminant: 3-METHYLCHOLANTHRENE
Amount(Lbs/Yr): 1.8506019817e-007

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000056553
Contaminant: BENZO(A)ANTHRACENE
Amount(Lbs/Yr): 1.2338793675e-007

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000057976
Contaminant: 7,12-DIMETHYLBENZ[A]ANTHRACENE
Amount(Lbs/Yr): 1.6442819861e-006

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000071432
Contaminant: BENZENE
Amount(Lbs/Yr): 0.00014389045528

Issue Date: Not reported

GREENPOINT ENERGY CTR (Continued) **S100494601**

Expiration Date: Not reported
Year: 2012
CAS #: 000074828
Contaminant: METHANE
Amount(Lbs/Yr): 0.22137

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000074840
Contaminant: ETHANE
Amount(Lbs/Yr): 0.32674

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000074986
Contaminant: PROPANE
Amount(Lbs/Yr): 0.10963082307

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000083329
Contaminant: ACENAPHTHENE
Amount(Lbs/Yr): 1.8506019817e-007

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000085018
Contaminant: PHENANTHRENE
Amount(Lbs/Yr): 1.1648274951e-006

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000086737
Contaminant: FLUORENE
Amount(Lbs/Yr): 2.878278223e-007

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000091203
Contaminant: NAPHTHALENE
Amount(Lbs/Yr): 4.1796751294e-005

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000091576
Contaminant: 2-METHYL NAPHTHALENE
Amount(Lbs/Yr): 2.4664229792e-006

Issue Date: Not reported
Expiration Date: Not reported

GREENPOINT ENERGY CTR (Continued) **S100494601**

Year: 2012
CAS #: 000106978
Contaminant: BUTANE
Amount(Lbs/Yr): 0.14389045528

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000108883
Contaminant: TOLUENE
Amount(Lbs/Yr): 0.00023296549902

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000109660
Contaminant: PENTANE
Amount(Lbs/Yr): 0.17815008748

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000110543
Contaminant: HEXANE
Amount(Lbs/Yr): 0.12333467595

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000120127
Contaminant: ANTHRACENE
Amount(Lbs/Yr): 2.4668153528e-007

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000124389
Contaminant: CARBON DIOXIDE
Amount(Lbs/Yr): 807388

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000129000
Contaminant: PYRENE
Amount(Lbs/Yr): 5.1383812066e-007

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000191242
Contaminant: BENZO[G,H,I]PERYLENE
Amount(Lbs/Yr): 0.0018930997447

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012

GREENPOINT ENERGY CTR (Continued) **S100494601**

CAS #: 000193395
Contaminant: INDENO[1,2,3-CD]PYRENE
Amount(Lbs/Yr): 1.8506019817e-007

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000205992
Contaminant: BENZO[B]FLUORANTHENE
Amount(Lbs/Yr): 1.8506019817e-007

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000206440
Contaminant: FLUORANTHENE
Amount(Lbs/Yr): 3.0830287239e-007

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000207089
Contaminant: BENZO[K]FLUORANTHENE
Amount(Lbs/Yr): 1.2338793675e-007

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000218019
Contaminant: CHRYSENE
Amount(Lbs/Yr): 1.2338793675e-007

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000630080
Contaminant: CARBON MONOXIDE
Amount(Lbs/Yr): 6464.124

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007439921
Contaminant: LEAD
Amount(Lbs/Yr): 1.9320943619e-005

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007439965
Contaminant: MANGANESE
Amount(Lbs/Yr): 3.905169717e-005

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007439976

GREENPOINT ENERGY CTR (Continued) **S100494601**

Contaminant: MERCURY
Amount(Lbs/Yr): 2.3316824757e-005

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007439987
Contaminant: MOLYBDENUM
Amount(Lbs/Yr): 0.00011304438654

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007440020
Contaminant: NICKEL METAL AND INSOLUBLE COMPOUNDS
Amount(Lbs/Yr): 0.00021211188012

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007440382
Contaminant: ARSENIC
Amount(Lbs/Yr): 2.0553524826e-005

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007440393
Contaminant: BARIUM
Amount(Lbs/Yr): 0.00045217754618

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007440417
Contaminant: BERYLLIUM
Amount(Lbs/Yr): 1.2332114896e-006

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007440439
Contaminant: CADMIUM
Amount(Lbs/Yr): 0.00011196016105

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007440473
Contaminant: CHROMIUM
Amount(Lbs/Yr): 6.3113607506e-005

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007440484
Contaminant: COBALT

GREENPOINT ENERGY CTR (Continued) **S100494601**

Amount(Lbs/Yr): 8.632480427e-006

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007440508
Contaminant: COPPER
Amount(Lbs/Yr): 8.6444524755e-005

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007440622
Contaminant: VANADIUM
Amount(Lbs/Yr): 0.00014606094982

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007440666
Contaminant: ZINC
Amount(Lbs/Yr): 0.0029802610998

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007446095
Contaminant: SULFUR DIOXIDE
Amount(Lbs/Yr): 3.01542

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007664417
Contaminant: AMMONIA
Amount(Lbs/Yr): 0.0432

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007782492
Contaminant: SELENIUM
Amount(Lbs/Yr): 2.4664229792e-006

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 010024972
Contaminant: NITROUS OXIDE
Amount(Lbs/Yr): 0.14278

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 025321226
Contaminant: DICHLOROBENZENE
Amount(Lbs/Yr): 8.22231173e-005

GREENPOINT ENERGY CTR (Continued) **S100494601**

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 065996932
Contaminant: PITCH, COAL TAR, HIGH-TEMP.
Amount(Lbs/Yr): 0.56

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 0NY075025
Contaminant: PM 2.5
Amount(Lbs/Yr): 0.7810339434

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 0NY075105
Contaminant: UNSPECIATED PM-10 (EMISSION STATEMENT USE ONLY)
Amount(Lbs/Yr): 2106.538107

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 0NY210000
Contaminant: OXIDES OF NITROGEN
Amount(Lbs/Yr): 9659.49

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 0NY998100
Contaminant: UNSPECIATED VOC (EMISSION STATEMENT USE ONLY)
Amount(Lbs/Yr): 2378.35

Issue Date: Not reported
Expiration Date: Not reported
Year: 2011
CAS #: 007446095
Contaminant: SULFUR DIOXIDE
Amount(Lbs/Yr): 2

Issue Date: Not reported
Expiration Date: Not reported
Year: 2011
CAS #: 007664417
Contaminant: AMMONIA
Amount(Lbs/Yr): 6.4710400000000003

Issue Date: Not reported
Expiration Date: Not reported
Year: 2011
CAS #: 065996932
Contaminant: PITCH, COAL TAR, HIGH-TEMP.
Amount(Lbs/Yr): 0.39000000000000001

Issue Date: Not reported

GREENPOINT ENERGY CTR (Continued) **S100494601**

Expiration Date: Not reported
Year: 2011
CAS #: 0NY075025
Contaminant: PM 2.5
Amount(Lbs/Yr): 89.014716563254296

Issue Date: Not reported
Expiration Date: Not reported
Year: 2011
CAS #: 0NY075105
Contaminant: UNSPECIATED PM-10 (EMISSION STATEMENT USE ONLY)
Amount(Lbs/Yr): 1068.3075928999999

Issue Date: Not reported
Expiration Date: Not reported
Year: 2011
CAS #: 0NY210000
Contaminant: OXIDES OF NITROGEN
Amount(Lbs/Yr): 5429.1800000000003

Issue Date: Not reported
Expiration Date: Not reported
Year: 2011
CAS #: 0NY998100
Contaminant: UNSPECIATED VOC (EMISSION STATEMENT USE ONLY)
Amount(Lbs/Yr): 1308.8299999999999

Issue Date: Not reported
Expiration Date: Not reported
Year: 2011
CAS #: 000078922
Contaminant: SEC-BUTYL ALCOHOL (8CI)
Amount(Lbs/Yr): 0.01

Issue Date: Not reported
Expiration Date: Not reported
Year: 2011
CAS #: 000111762
Contaminant: ETHANOL, 2-BUTOXY-
Amount(Lbs/Yr): 0.02

Issue Date: Not reported
Expiration Date: Not reported
Year: 2011
CAS #: 007727437
Contaminant: SULFURIC ACID BARIUM SALT
Amount(Lbs/Yr): 0.01

Issue Date: Not reported
Expiration Date: Not reported
Year: 2011
CAS #: 013463677
Contaminant: TITANIUM DIOXIDE
Amount(Lbs/Yr): 5.9999999999999998E-2

Issue Date: Not reported
Expiration Date: Not reported

GREENPOINT ENERGY CTR (Continued) **S100494601**

Year: 2011
CAS #: 014807966
Contaminant: TALC
Amount(Lbs/Yr): 0.01

Issue Date: Not reported
Expiration Date: Not reported
Year: 2011
CAS #: 0NY075000
Contaminant: PARTICULATES
Amount(Lbs/Yr): 0.26000000000000001

Issue Date: Not reported
Expiration Date: Not reported
Year: 2011
CAS #: 0NY075005
Contaminant: PM-10
Amount(Lbs/Yr): 0.26000000000000001

Issue Date: Not reported
Expiration Date: Not reported
Year: 2011
CAS #: 0NY075100
Contaminant: UNSPECIATED PARTICULATES (EMISSION STATEMENT USE ONLY)
Amount(Lbs/Yr): 0.26000000000000001

Issue Date: Not reported
Expiration Date: Not reported
Year: 2011
CAS #: 0NY998000
Contaminant: VOC
Amount(Lbs/Yr): 19.390000000000001

Issue Date: Not reported
Expiration Date: Not reported
Year: 2011
CAS #: 000050000
Contaminant: FORMALDEHYDE
Amount(Lbs/Yr): 9.8260462281297603E-2

Issue Date: Not reported
Expiration Date: Not reported
Year: 2011
CAS #: 000074828
Contaminant: METHANE
Amount(Lbs/Yr): 0.01

Issue Date: Not reported
Expiration Date: Not reported
Year: 2011
CAS #: 000074840
Contaminant: ETHANE
Amount(Lbs/Yr): 6.2688199999999998

Issue Date: Not reported
Expiration Date: Not reported
Year: 2011

GREENPOINT ENERGY CTR (Continued) **S100494601**

CAS #: 000074986
Contaminant: PROPANE
Amount(Lbs/Yr): 2.0962231953343502

Issue Date: Not reported
Expiration Date: Not reported
Year: 2011
CAS #: 000106978
Contaminant: BUTANE
Amount(Lbs/Yr): 2.7512929438763298

Issue Date: Not reported
Expiration Date: Not reported
Year: 2011
CAS #: 000109660
Contaminant: PENTANE
Amount(Lbs/Yr): 3.4063626924183201

Issue Date: Not reported
Expiration Date: Not reported
Year: 2011
CAS #: 000110543
Contaminant: HEXANE
Amount(Lbs/Yr): 2.3582510947511399

Issue Date: Not reported
Expiration Date: Not reported
Year: 2011
CAS #: 000124389
Contaminant: CARBON DIOXIDE
Amount(Lbs/Yr): 667766

Issue Date: Not reported
Expiration Date: Not reported
Year: 2011
CAS #: 000630080
Contaminant: CARBON MONOXIDE
Amount(Lbs/Yr): 3666.8099999999999

Issue Date: Not reported
Expiration Date: Not reported
Year: 2011
CAS #: 007440393
Contaminant: BARIUM
Amount(Lbs/Yr): 8.6282457471472396E-3

Issue Date: Not reported
Expiration Date: Not reported
Year: 2011
CAS #: 007440666
Contaminant: ZINC
Amount(Lbs/Yr): 5.6867983333470401E-2

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 010024972

GREENPOINT ENERGY CTR (Continued) **S100494601**

Contaminant: NITROUS OXIDE
Amount(Lbs/Yr): 22.4114

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 025321226
Contaminant: DICHLOROBENZENE
Amount(Lbs/Yr): 8.2169944940508506E-3

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 0NY075025
Contaminant: PM 2.5
Amount(Lbs/Yr): 268.88821886913598

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 0NY210000
Contaminant: OXIDES OF NITROGEN
Amount(Lbs/Yr): 28412.93

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 0NY998100
Contaminant: UNSPECIATED VOC (EMISSION STATEMENT USE ONLY)
Amount(Lbs/Yr): 2275.1772000000001

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 130498292
Contaminant: POLYCYCLIC AROMATIC HYDROCARBONS
Amount(Lbs/Yr): 1.0041797072368099

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000078922
Contaminant: SEC-BUTYL ALCOHOL (8CI)
Amount(Lbs/Yr): 2.9999999999999999E-2

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000111762
Contaminant: ETHANOL, 2-BUTOXY-
Amount(Lbs/Yr): 5.0000000000000003E-2

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 007727437
Contaminant: SULFURIC ACID BARIUM SALT

GREENPOINT ENERGY CTR (Continued) **S100494601**

Amount(Lbs/Yr):	0.02
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2009
CAS #:	013463677
Contaminant:	TITANIUM DIOXIDE
Amount(Lbs/Yr):	0.12
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2009
CAS #:	014807966
Contaminant:	TALC
Amount(Lbs/Yr):	0.02
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2009
CAS #:	068855549
Contaminant:	KIESELGHUR SODA ASH FLUX CALCINED
Amount(Lbs/Yr):	0.01
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2009
CAS #:	0NY075105
Contaminant:	UNSPECIATED PM-10 (EMISSION STATEMENT USE ONLY)
Amount(Lbs/Yr):	0.5
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2009
CAS #:	000050328
Contaminant:	BENZO(A)PYRENE
Amount(Lbs/Yr):	8.2170617120287802E-6
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2009
CAS #:	000053703
Contaminant:	DIBENZ[A,H]ANTHRACENE
Amount(Lbs/Yr):	8.2170617120287802E-6
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2009
CAS #:	000056553
Contaminant:	BENZO(A)ANTHRACENE
Amount(Lbs/Yr):	1.23254245230983E-5
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2009
CAS #:	000083329
Contaminant:	ACENAPHTHENE
Amount(Lbs/Yr):	1.8231543877852001E-5

GREENPOINT ENERGY CTR (Continued) **S100494601**

Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2009
CAS #:	000085018
Contaminant:	PHENANTHRENE
Amount(Lbs/Yr):	1.16407421999054E-4
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2009
CAS #:	000050000
Contaminant:	FORMALDEHYDE
Amount(Lbs/Yr):	0.51356215587817799
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2009
CAS #:	000071432
Contaminant:	BENZENE
Amount(Lbs/Yr):	0.014379740364589
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2009
CAS #:	000074828
Contaminant:	METHANE
Amount(Lbs/Yr):	23.440100000000001
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2009
CAS #:	000074840
Contaminant:	ETHANE
Amount(Lbs/Yr):	31.579699999999999
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2009
CAS #:	000074986
Contaminant:	PROPANE
Amount(Lbs/Yr):	10.9559926587345
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2009
CAS #:	000106978
Contaminant:	BUTANE
Amount(Lbs/Yr):	14.379740364589001
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2009
CAS #:	000108883
Contaminant:	TOLUENE
Amount(Lbs/Yr):	0.0232814843998107
Issue Date:	Not reported

GREENPOINT ENERGY CTR (Continued) **S100494601**

Expiration Date: Not reported
Year: 2009
CAS #: 000109660
Contaminant: PENTANE
Amount(Lbs/Yr): 17.8034880704435

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000110543
Contaminant: HEXANE
Amount(Lbs/Yr): 12.3254917410763

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000124389
Contaminant: CARBON DIOXIDE
Amount(Lbs/Yr): 4649984

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000630080
Contaminant: CARBON MONOXIDE
Amount(Lbs/Yr): 8553.0962999999992

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000050000
Contaminant: FORMALDEHYDE
Amount(Lbs/Yr): 8.5026922877807498E-2

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000050328
Contaminant: BENZO(A)PYRENE
Amount(Lbs/Yr): 1.36043076604492E-6

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000053703
Contaminant: DIBENZ[A,H]ANTHRACENE
Amount(Lbs/Yr): 1.36043076604492E-6

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000056553
Contaminant: BENZO(A)ANTHRACENE
Amount(Lbs/Yr): 2.0406461490673802E-6

Issue Date: Not reported
Expiration Date: Not reported

GREENPOINT ENERGY CTR (Continued) **S100494601**

Year:	2009
CAS #:	000071432
Contaminant:	BENZENE
Amount(Lbs/Yr):	0.00238075384057861
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2009
CAS #:	000074828
Contaminant:	METHANE
Amount(Lbs/Yr):	4.04535
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2009
CAS #:	000074840
Contaminant:	ETHANE
Amount(Lbs/Yr):	5.4389500000000002
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2009
CAS #:	000074986
Contaminant:	PROPANE
Amount(Lbs/Yr):	1.8139076880598901
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2009
CAS #:	000078922
Contaminant:	SEC-BUTYL ALCOHOL (8CI)
Amount(Lbs/Yr):	0.01
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2009
CAS #:	000083329
Contaminant:	ACENAPHTHENE
Amount(Lbs/Yr):	3.1476948252290001E-6
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2009
CAS #:	000085018
Contaminant:	PHENANTHRENE
Amount(Lbs/Yr):	1.9272769185636399E-5
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2009
CAS #:	000086737
Contaminant:	FLUORENE
Amount(Lbs/Yr):	4.8964141725784401E-6
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2009

GREENPOINT ENERGY CTR (Continued) **S100494601**

CAS #: 000091203
Contaminant: NAPHTHALENE
Amount(Lbs/Yr): 6.9155230607283397E-4

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000091576
Contaminant: 2-METHYL NAPHTHALENE
Amount(Lbs/Yr): 4.19692643363867E-5

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000106978
Contaminant: BUTANE
Amount(Lbs/Yr): 2.3807538405786102

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000108883
Contaminant: TOLUENE
Amount(Lbs/Yr): 0.00385455383712727

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000109660
Contaminant: PENTANE
Amount(Lbs/Yr): 2.9475999930973198

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000110543
Contaminant: HEXANE
Amount(Lbs/Yr): 2.04064614906738

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000111762
Contaminant: ETHANOL, 2-BUTOXY-
Amount(Lbs/Yr): 0.02

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000120127
Contaminant: ANTHRACENE
Amount(Lbs/Yr): 4.1969264336386697E-6

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000124389

GREENPOINT ENERGY CTR (Continued) **S100494601**

Contaminant: CARBON DIOXIDE
Amount(Lbs/Yr): 796150

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000129000
Contaminant: PYRENE
Amount(Lbs/Yr): 8.7435967367472207E-6

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000191242
Contaminant: BENZO[G,H,I]PERYLENE
Amount(Lbs/Yr): 0.00140903892550488

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000205992
Contaminant: BENZO[B]FLUORANTHENE
Amount(Lbs/Yr): 3.1476948252290001E-6

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000206440
Contaminant: FLUORANTHENE
Amount(Lbs/Yr): 5.2461580420483299E-6

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000207089
Contaminant: BENZO[K]FLUORANTHENE
Amount(Lbs/Yr): 2.0406461490673802E-6

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000218019
Contaminant: CHRYSENE
Amount(Lbs/Yr): 2.0406461490673802E-6

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000630080
Contaminant: CARBON MONOXIDE
Amount(Lbs/Yr): 4958.2200000000003

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 001746016
Contaminant: 2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN

GREENPOINT ENERGY CTR (Continued) **S100494601**

Amount(Lbs/Yr):	2.07858372568733E-9
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2009
CAS #:	007439921
Contaminant:	LEAD
Amount(Lbs/Yr):	8.7435967367472203E-4
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2009
CAS #:	007439965
Contaminant:	MANGANESE
Amount(Lbs/Yr):	6.6451335199278901E-4
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2009
CAS #:	007439976
Contaminant:	MERCURY
Amount(Lbs/Yr):	1.2103284815572E-8
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2009
CAS #:	007439987
Contaminant:	MOLYBDENUM
Amount(Lbs/Yr):	0.00192359128208439
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2009
CAS #:	007440020
Contaminant:	NICKEL METAL AND INSOLUBLE COMPOUNDS
Amount(Lbs/Yr):	3.5245115419737902E-3
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2009
CAS #:	007440382
Contaminant:	ARSENIC
Amount(Lbs/Yr):	3.3558699400971999E-4
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2009
CAS #:	007440393
Contaminant:	BARIUM
Amount(Lbs/Yr):	7.6943651283375601E-3
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2009
CAS #:	007440417
Contaminant:	BERYLLIUM
Amount(Lbs/Yr):	2.0984632168193299E-5

GREENPOINT ENERGY CTR (Continued) **S100494601**

Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2009
CAS #:	007440439
Contaminant:	CADMIUM
Amount(Lbs/Yr):	1.8520649817536201E-3
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2009
CAS #:	007440473
Contaminant:	CHROMIUM
Amount(Lbs/Yr):	2.3559944036243301E-4
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2009
CAS #:	007440484
Contaminant:	COBALT
Amount(Lbs/Yr):	1.4689242517735299E-4
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2009
CAS #:	007440508
Contaminant:	COPPER
Amount(Lbs/Yr):	0.00142616988932341
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2009
CAS #:	007440622
Contaminant:	VANADIUM
Amount(Lbs/Yr):	4.0220544989037202E-3
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2009
CAS #:	007440666
Contaminant:	ZINC
Amount(Lbs/Yr):	0.0507128610731339
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2009
CAS #:	007446095
Contaminant:	SULFUR DIOXIDE
Amount(Lbs/Yr):	3.6389
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2009
CAS #:	007664417
Contaminant:	AMMONIA
Amount(Lbs/Yr):	5.6143999999999998
Issue Date:	Not reported

GREENPOINT ENERGY CTR (Continued) **S100494601**

Expiration Date: Not reported
Year: 2009
CAS #: 007727437
Contaminant: SULFURIC ACID BARIUM SALT
Amount(Lbs/Yr): 0.01

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 007782492
Contaminant: SELENIUM
Amount(Lbs/Yr): 4.19692643363867E-5

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 010024972
Contaminant: NITROUS OXIDE
Amount(Lbs/Yr): 3.8599000000000001

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 013463677
Contaminant: TITANIUM DIOXIDE
Amount(Lbs/Yr): 4.0000000000000001E-2

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 014807966
Contaminant: TALC
Amount(Lbs/Yr): 0.01

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 025321226
Contaminant: DICHLOROBENZENE
Amount(Lbs/Yr): 1.3604307660449199E-3

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 065996932
Contaminant: PITCH, COAL TAR, HIGH-TEMP.
Amount(Lbs/Yr): 0.14999999999999999

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 0NY075025
Contaminant: PM 2.5
Amount(Lbs/Yr): 1606.35604407497

Issue Date: Not reported
Expiration Date: Not reported

GREENPOINT ENERGY CTR (Continued) **S100494601**

Year: 2009
CAS #: 0NY075105
Contaminant: UNSPECIATED PM-10 (EMISSION STATEMENT USE ONLY)
Amount(Lbs/Yr): 0.17000000000000001

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 0NY210000
Contaminant: OXIDES OF NITROGEN
Amount(Lbs/Yr): 7367.8900000000003

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 0NY998100
Contaminant: UNSPECIATED VOC (EMISSION STATEMENT USE ONLY)
Amount(Lbs/Yr): 1787.3299999999999

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 130498292
Contaminant: POLYCYCLIC AROMATIC HYDROCARBONS
Amount(Lbs/Yr): 0.38

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 007440622
Contaminant: VANADIUM
Amount(Lbs/Yr): 2.3295988668091499E-2

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 007782492
Contaminant: SELENIUM
Amount(Lbs/Yr): 2.43088577406172E-4

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 007446095
Contaminant: SULFUR DIOXIDE
Amount(Lbs/Yr): 17.29692

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 007664417
Contaminant: AMMONIA
Amount(Lbs/Yr): 32.598399999999998

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009

GREENPOINT ENERGY CTR (Continued) **S100494601**

CAS #: 007439921
Contaminant: LEAD
Amount(Lbs/Yr): 5.0643453626285804E-3

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 007439987
Contaminant: MOLYBDENUM
Amount(Lbs/Yr): 1.1141559797782899E-2

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 007440020
Contaminant: NICKEL METAL AND INSOLUBLE COMPOUNDS
Amount(Lbs/Yr): 2.1270250523040001E-2

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 007440393
Contaminant: BARIUM
Amount(Lbs/Yr): 0.0445662391911315

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 007440439
Contaminant: CADMIUM
Amount(Lbs/Yr): 1.1141559797782899E-2

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 007440473
Contaminant: CHROMIUM
Amount(Lbs/Yr): 0.01418016701536

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 007440508
Contaminant: COPPER
Amount(Lbs/Yr): 8.6093871164685896E-3

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000086737
Contaminant: FLUORENE
Amount(Lbs/Yr): 2.8360234603109101E-5

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000091203

GREENPOINT ENERGY CTR (Continued) **S100494601**

Contaminant: NAPHTHALENE
Amount(Lbs/Yr): 4.1769722011425203E-3

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000091576
Contaminant: 2-METHYL NAPHTHALENE
Amount(Lbs/Yr): 2.43088577406172E-4

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000120127
Contaminant: ANTHRACENE
Amount(Lbs/Yr): 2.4308658885395302E-5

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000129000
Contaminant: PYRENE
Amount(Lbs/Yr): 5.0643453626285802E-5

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000191242
Contaminant: BENZO[G,H,I]PERYLENE
Amount(Lbs/Yr): 2.6630901103651401E-3

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000205992
Contaminant: BENZO[B]FLUORANTHENE
Amount(Lbs/Yr): 1.8231543877852001E-5

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000206440
Contaminant: FLUORANTHENE
Amount(Lbs/Yr): 3.03860721757715E-5

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000207089
Contaminant: BENZO[K]FLUORANTHENE
Amount(Lbs/Yr): 1.23254245230983E-5

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000218019
Contaminant: CHRYSENE

GREENPOINT ENERGY CTR (Continued) **S100494601**

Amount(Lbs/Yr): 1.23254245230983E-5

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 001746016
Contaminant: 2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN
Amount(Lbs/Yr): 1.18318857004577E-8

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 007439965
Contaminant: MANGANESE
Amount(Lbs/Yr): 0.00384890247559772

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 007439976
Contaminant: MERCURY
Amount(Lbs/Yr): 2.6334595885668601E-3

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 007440382
Contaminant: ARSENIC
Amount(Lbs/Yr): 2.0257381450514301E-3

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 007440417
Contaminant: BERYLLIUM
Amount(Lbs/Yr): 1.21544288703086E-4

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 007440484
Contaminant: COBALT
Amount(Lbs/Yr): 8.5081002092160095E-4

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 007440666
Contaminant: ZINC
Amount(Lbs/Yr): 0.29373203103245799

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 000074986
Contaminant: PROPANE
Amount(Lbs/Yr): 0.70412176243045899

GREENPOINT ENERGY CTR (Continued) **S100494601**

Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2008
CAS #:	000109660
Contaminant:	PENTANE
Amount(Lbs/Yr):	1.1441978639495001
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2008
CAS #:	0NY075025
Contaminant:	PM 2.5
Amount(Lbs/Yr):	160.96396081215099
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2008
CAS #:	007664417
Contaminant:	AMMONIA
Amount(Lbs/Yr):	2.09504
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2008
CAS #:	007440393
Contaminant:	BARIUM
Amount(Lbs/Yr):	2.8641913027132198E-3
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2008
CAS #:	000085018
Contaminant:	PHENANTHRENE
Amount(Lbs/Yr):	7.4812937258236301E-6
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2008
CAS #:	0NY998100
Contaminant:	UNSPECIATED VOC (EMISSION STATEMENT USE ONLY)
Amount(Lbs/Yr):	1856.684
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2008
CAS #:	000074840
Contaminant:	ETHANE
Amount(Lbs/Yr):	2.0295700000000001
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2008
CAS #:	007440382
Contaminant:	ARSENIC
Amount(Lbs/Yr):	1.3019051375969199E-4
Issue Date:	Not reported

GREENPOINT ENERGY CTR (Continued) **S100494601**

Expiration Date: Not reported
Year: 2008
CAS #: 000206440
Contaminant: FLUORANTHENE
Amount(Lbs/Yr): 1.9528577063953798E-6

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 007440666
Contaminant: ZINC
Amount(Lbs/Yr): 1.8877624495155301E-2

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 000050000
Contaminant: FORMALDEHYDE
Amount(Lbs/Yr): 0.0330057076139278

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 007440439
Contaminant: CADMIUM
Amount(Lbs/Yr): 7.1604782567830604E-4

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 000108883
Contaminant: TOLUENE
Amount(Lbs/Yr): 1.4962587451647299E-3

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 000083329
Contaminant: ACENAPHTHENE
Amount(Lbs/Yr): 1.1715555396597299E-6

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 000091576
Contaminant: 2-METHYL NAPHTHALENE
Amount(Lbs/Yr): 1.5622861651163001E-5

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 007440020
Contaminant: NICKEL METAL AND INSOLUBLE COMPOUNDS
Amount(Lbs/Yr): 0.00136700039447677

Issue Date: Not reported
Expiration Date: Not reported

GREENPOINT ENERGY CTR (Continued) **S100494601**

Year:	2008
CAS #:	000110543
Contaminant:	HEXANE
Amount(Lbs/Yr):	0.79213698273426703
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2008
CAS #:	000091203
Contaminant:	NAPHTHALENE
Amount(Lbs/Yr):	2.6844642192661299E-4
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2008
CAS #:	007439965
Contaminant:	MANGANESE
Amount(Lbs/Yr):	2.4736197614341499E-4
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2008
CAS #:	013463677
Contaminant:	TITANIUM DIOXIDE
Amount(Lbs/Yr):	0.12
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2008
CAS #:	014807966
Contaminant:	TALC
Amount(Lbs/Yr):	0.02
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2008
CAS #:	000050328
Contaminant:	BENZO(A)PYRENE
Amount(Lbs/Yr):	5.2819887058753499E-7
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2008
CAS #:	000053703
Contaminant:	DIBENZ[A,H]ANTHRACENE
Amount(Lbs/Yr):	5.2819887058753499E-7
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2008
CAS #:	000129000
Contaminant:	PYRENE
Amount(Lbs/Yr):	3.2547628439923001E-6
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2008

GREENPOINT ENERGY CTR (Continued) **S100494601**

CAS #: 007446095
Contaminant: SULFUR DIOXIDE
Amount(Lbs/Yr): 9.1622199999999996

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 000124389
Contaminant: CARBON DIOXIDE
Amount(Lbs/Yr): 1911600

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 007440473
Contaminant: CHROMIUM
Amount(Lbs/Yr): 9.1133359631784402E-4

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 130498292
Contaminant: POLYCYCLIC AROMATIC HYDROCARBONS
Amount(Lbs/Yr): 0.82112696238247196

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 025321226
Contaminant: DICHLOROBENZENE
Amount(Lbs/Yr): 5.2809132182284502E-4

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 000078922
Contaminant: SEC-BUTYL ALCOHOL (8CI)
Amount(Lbs/Yr): 2.9999999999999999E-2

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 000207089
Contaminant: BENZO[K]FLUORANTHENE
Amount(Lbs/Yr): 7.9202943396957504E-7

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 000218019
Contaminant: CHRYSENE
Amount(Lbs/Yr): 7.9202943396957504E-7

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 000071432

GREENPOINT ENERGY CTR (Continued) **S100494601**

Contaminant: BENZENE
Amount(Lbs/Yr): 9.2415981318997795E-4

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 000106978
Contaminant: BUTANE
Amount(Lbs/Yr): 0.92415981318997797

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 000074828
Contaminant: METHANE
Amount(Lbs/Yr): 1.5058100000000001

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 007439976
Contaminant: MERCURY
Amount(Lbs/Yr): 1.6924766788759999E-4

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 000111762
Contaminant: ETHANOL, 2-BUTOXY-
Amount(Lbs/Yr): 5.0000000000000003E-2

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 007440417
Contaminant: BERYLLIUM
Amount(Lbs/Yr): 7.8114308255815192E-6

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 0NY075105
Contaminant: UNSPECIATED PM-10 (EMISSION STATEMENT USE ONLY)
Amount(Lbs/Yr): 0.5

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 000120127
Contaminant: ANTHRACENE
Amount(Lbs/Yr): 1.56220662302755E-6

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 000056553
Contaminant: BENZO(A)ANTHRACENE

GREENPOINT ENERGY CTR (Continued) **S100494601**

Amount(Lbs/Yr): 7.9202943396957504E-7

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 000205992
Contaminant: BENZO[B]FLUORANTHENE
Amount(Lbs/Yr): 1.1715555396597299E-6

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 007440484
Contaminant: COBALT
Amount(Lbs/Yr): 5.4680015779070601E-5

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 000086737
Contaminant: FLUORENE
Amount(Lbs/Yr): 1.8225081084581901E-6

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 001746016
Contaminant: 2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN
Amount(Lbs/Yr): 7.8314371491764998E-10

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 068855549
Contaminant: KIESELGHUR SODA ASH FLUX CALCINED
Amount(Lbs/Yr): 0.01

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 000191242
Contaminant: BENZO[G,H,I]PERYLENE
Amount(Lbs/Yr): 2.1525296365980601E-3

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 007782492
Contaminant: SELENIUM
Amount(Lbs/Yr): 1.5622861651163001E-5

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 000630080
Contaminant: CARBON MONOXIDE
Amount(Lbs/Yr): 6312.9107999999997

GREENPOINT ENERGY CTR (Continued) **S100494601**

Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2008
CAS #:	007727437
Contaminant:	SULFURIC ACID BARIUM SALT
Amount(Lbs/Yr):	0.02
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2008
CAS #:	007439987
Contaminant:	MOLYBDENUM
Amount(Lbs/Yr):	7.1604782567830604E-4
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2008
CAS #:	0NY210000
Contaminant:	OXIDES OF NITROGEN
Amount(Lbs/Yr):	22336.66
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2008
CAS #:	007439921
Contaminant:	LEAD
Amount(Lbs/Yr):	3.2547628439923002E-4
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2008
CAS #:	007440622
Contaminant:	VANADIUM
Amount(Lbs/Yr):	0.00149719090823646
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2008
CAS #:	010024972
Contaminant:	NITROUS OXIDE
Amount(Lbs/Yr):	1.44034
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2008
CAS #:	007440508
Contaminant:	COPPER
Amount(Lbs/Yr):	5.5330968347869105E-4
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2007
CAS #:	001746016
Contaminant:	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN
Amount(Lbs/Yr):	7.8314371491764998E-10
Issue Date:	Not reported

GREENPOINT ENERGY CTR (Continued) **S100494601**

Expiration Date: Not reported
Year: 2007
CAS #: 000630080
Contaminant: CARBON MONOXIDE
Amount(Lbs/Yr): 6312.9107999999997

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 007664417
Contaminant: AMMONIA
Amount(Lbs/Yr): 2.09504

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 000109660
Contaminant: PENTANE
Amount(Lbs/Yr): 1.1441978639495001

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 007440508
Contaminant: COPPER
Amount(Lbs/Yr): 5.5330968347869105E-4

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 068855549
Contaminant: KIESELGHUR SODA ASH FLUX CALCINED
Amount(Lbs/Yr): 4.0000000000000001E-2

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 000071432
Contaminant: BENZENE
Amount(Lbs/Yr): 9.2415981318997795E-4

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 000056553
Contaminant: BENZO(A)ANTHRACENE
Amount(Lbs/Yr): 7.9202943396957504E-7

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 000078922
Contaminant: SEC-BUTYL ALCOHOL (8CI)
Amount(Lbs/Yr): 0.13

Issue Date: Not reported
Expiration Date: Not reported

GREENPOINT ENERGY CTR (Continued) **S100494601**

Year: 2007
CAS #: 014807966
Contaminant: TALC
Amount(Lbs/Yr): 0.11

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 000191242
Contaminant: BENZO[G,H,I]PERYLENE
Amount(Lbs/Yr): 2.0634921520950099E-3

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 000110543
Contaminant: HEXANE
Amount(Lbs/Yr): 0.79213698273426703

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 000074840
Contaminant: ETHANE
Amount(Lbs/Yr): 2.0295700000000001

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 000053703
Contaminant: DIBENZ[A,H]ANTHRACENE
Amount(Lbs/Yr): 5.2819887058753499E-7

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 000083329
Contaminant: ACENAPHTHENE
Amount(Lbs/Yr): 1.1715555396597299E-6

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 025321226
Contaminant: DICHLOROBENZENE
Amount(Lbs/Yr): 5.2809132182284405E-4

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 007446095
Contaminant: SULFUR DIOXIDE
Amount(Lbs/Yr): 9.5469200000000001

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007

GREENPOINT ENERGY CTR (Continued) **S100494601**

CAS #: 000106978
Contaminant: BUTANE
Amount(Lbs/Yr): 0.92415981318997797

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 000091203
Contaminant: NAPHTHALENE
Amount(Lbs/Yr): 2.6844642192661299E-4

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 0NY998100
Contaminant: UNSPECIATED VOC (EMISSION STATEMENT USE ONLY)
Amount(Lbs/Yr): 2006.0440000000001

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 0NY075005
Contaminant: PM-10
Amount(Lbs/Yr): 0

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 007440382
Contaminant: ARSENIC
Amount(Lbs/Yr): 1.3019051375969199E-4

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 000050328
Contaminant: BENZO(A)PYRENE
Amount(Lbs/Yr): 5.2819887058753499E-7

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 007440622
Contaminant: VANADIUM
Amount(Lbs/Yr): 0.00149719090823646

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 007439965
Contaminant: MANGANESE
Amount(Lbs/Yr): 2.4736197614341499E-4

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 000085018

GREENPOINT ENERGY CTR (Continued) **S100494601**

Contaminant: PHENANTHRENE
Amount(Lbs/Yr): 7.4812937258236301E-6

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 0NY075025
Contaminant: PM 2.5
Amount(Lbs/Yr): 160.96404938420901

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 000074986
Contaminant: PROPANE
Amount(Lbs/Yr): 0.70412176243045899

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 000120127
Contaminant: ANTHRACENE
Amount(Lbs/Yr): 1.56220662302755E-6

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 007440417
Contaminant: BERYLLIUM
Amount(Lbs/Yr): 7.8114308255815192E-6

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 000206440
Contaminant: FLUORANTHENE
Amount(Lbs/Yr): 1.9528577063953798E-6

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 007440393
Contaminant: BARIUM
Amount(Lbs/Yr): 2.8641913027132198E-3

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 0NY075105
Contaminant: UNSPECIATED PM-10 (EMISSION STATEMENT USE ONLY)
Amount(Lbs/Yr): 2.52

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 000091576
Contaminant: 2-METHYL NAPHTHALENE

GREENPOINT ENERGY CTR (Continued) **S100494601**

Amount(Lbs/Yr):	1.5622861651163001E-5
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2007
CAS #:	007782492
Contaminant:	SELENIUM
Amount(Lbs/Yr):	1.5622861651163001E-5
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2007
CAS #:	000086737
Contaminant:	FLUORENE
Amount(Lbs/Yr):	1.8225081084581901E-6
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2007
CAS #:	007727437
Contaminant:	SULFURIC ACID BARIUM SALT
Amount(Lbs/Yr):	0.10000000000000001
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2007
CAS #:	000108883
Contaminant:	TOLUENE
Amount(Lbs/Yr):	1.4962587451647299E-3
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2007
CAS #:	007440020
Contaminant:	NICKEL METAL AND INSOLUBLE COMPOUNDS
Amount(Lbs/Yr):	0.00136700039447677
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2007
CAS #:	007439921
Contaminant:	LEAD
Amount(Lbs/Yr):	3.2547628439923002E-4
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2007
CAS #:	000205992
Contaminant:	BENZO[B]FLUORANTHENE
Amount(Lbs/Yr):	1.1715555396597299E-6
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2007
CAS #:	007440439
Contaminant:	CADMIUM
Amount(Lbs/Yr):	7.1604782567830604E-4

GREENPOINT ENERGY CTR (Continued) **S100494601**

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 007440666
Contaminant: ZINC
Amount(Lbs/Yr): 1.8877624495155301E-2

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 010024972
Contaminant: NITROUS OXIDE
Amount(Lbs/Yr): 1.44034

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 007440484
Contaminant: COBALT
Amount(Lbs/Yr): 5.4680015779070601E-5

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 000111762
Contaminant: ETHANOL, 2-BUTOXY-
Amount(Lbs/Yr): 0.23999999999999999

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 007440473
Contaminant: CHROMIUM
Amount(Lbs/Yr): 9.1133359631784402E-4

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 0NY210000
Contaminant: OXIDES OF NITROGEN
Amount(Lbs/Yr): 22336.66

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 007439976
Contaminant: MERCURY
Amount(Lbs/Yr): 1.6924766788759999E-4

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 000129000
Contaminant: PYRENE
Amount(Lbs/Yr): 3.2547628439923001E-6

Issue Date: Not reported

GREENPOINT ENERGY CTR (Continued) **S100494601**

Expiration Date: Not reported
Year: 2007
CAS #: 000074828
Contaminant: METHANE
Amount(Lbs/Yr): 1.5058100000000001

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 013463677
Contaminant: TITANIUM DIOXIDE
Amount(Lbs/Yr): 0.57999999999999996

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 007439987
Contaminant: MOLYBDENUM
Amount(Lbs/Yr): 7.1604782567830604E-4

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 000207089
Contaminant: BENZO[K]FLUORANTHENE
Amount(Lbs/Yr): 7.9202943396957504E-7

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 000218019
Contaminant: CHRYSENE
Amount(Lbs/Yr): 7.9202943396957504E-7

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 130498292
Contaminant: POLYCYCLIC AROMATIC HYDROCARBONS
Amount(Lbs/Yr): 0.821127427809342

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 000050000
Contaminant: FORMALDEHYDE
Amount(Lbs/Yr): 0.0330057076139278

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 000124389
Contaminant: CARBON DIOXIDE
Amount(Lbs/Yr): 1911600

Issue Date: Not reported
Expiration Date: Not reported

GREENPOINT ENERGY CTR (Continued) **S100494601**

Year: 2006
CAS #: 000124389
Contaminant: CARBON DIOXIDE
Amount(Lbs/Yr): 1832464

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 025321226
Contaminant: DICHLOROBENZENE
Amount(Lbs/Yr): 5.6463100080844898E-7

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 007446095
Contaminant: SULFUR DIOXIDE
Amount(Lbs/Yr): 9.3972599999999993

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 0NY075025
Contaminant: PM 2.5
Amount(Lbs/Yr): 155.94937863010699

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 0NY210000
Contaminant: OXIDES OF NITROGEN
Amount(Lbs/Yr): 28238.18

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 0NY998100
Contaminant: UNSPECIATED VOC (EMISSION STATEMENT USE ONLY)
Amount(Lbs/Yr): 2003.4223999999999

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 130498292
Contaminant: POLYCYCLIC AROMATIC HYDROCARBONS
Amount(Lbs/Yr): 0.98776151731499895

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 000078922
Contaminant: SEC-BUTYL ALCOHOL (8CI)
Amount(Lbs/Yr): 0.13

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006

GREENPOINT ENERGY CTR (Continued) **S100494601**

CAS #: 000111762
Contaminant: ETHANOL, 2-BUTOXY-
Amount(Lbs/Yr): 0.23999999999999999

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 013463677
Contaminant: TITANIUM DIOXIDE
Amount(Lbs/Yr): 0.57999999999999996

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 007727437
Contaminant: SULFURIC ACID BARIUM SALT
Amount(Lbs/Yr): 0.10000000000000001

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 014807966
Contaminant: TALC
Amount(Lbs/Yr): 0.11

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 068855549
Contaminant: KIESELGHUR SODA ASH FLUX CALCINED
Amount(Lbs/Yr): 4.0000000000000001E-2

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 0NY075105
Contaminant: UNSPECIATED PM-10 (EMISSION STATEMENT USE ONLY)
Amount(Lbs/Yr): 2.52

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 000050000
Contaminant: FORMALDEHYDE
Amount(Lbs/Yr): 3.5289437550528098E-5

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 000050328
Contaminant: BENZO(A)PYRENE
Amount(Lbs/Yr): 4.70525834007041E-10

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 000053703

GREENPOINT ENERGY CTR (Continued) **S100494601**

Contaminant: DIBENZ[A,H]ANTHRACENE
Amount(Lbs/Yr): 4.70525834007041E-10

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 000056553
Contaminant: BENZO(A)ANTHRACENE
Amount(Lbs/Yr): 9.41051668014082E-10

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 000071432
Contaminant: BENZENE
Amount(Lbs/Yr): 9.8810425141478502E-7

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 000074828
Contaminant: METHANE
Amount(Lbs/Yr): 1.6100000000000001E-3

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 000074840
Contaminant: ETHANE
Amount(Lbs/Yr): 2.1700000000000001E-3

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 000074986
Contaminant: PROPANE
Amount(Lbs/Yr): 7.5284133441126503E-4

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 000083329
Contaminant: ACENAPHTHENE
Amount(Lbs/Yr): 1.39198655320058E-9

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 000085018
Contaminant: PHENANTHRENE
Amount(Lbs/Yr): 7.9989391781196896E-9

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 000086737
Contaminant: FLUORENE

GREENPOINT ENERGY CTR (Continued) **S100494601**

Amount(Lbs/Yr):	2.0879798298008599E-9
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2006
CAS #:	000091203
Contaminant:	NAPHTHALENE
Amount(Lbs/Yr):	2.8702075874429498E-7
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2006
CAS #:	000091576
Contaminant:	2-METHYL NAPHTHALENE
Amount(Lbs/Yr):	1.6703838638406899E-8
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2006
CAS #:	000106978
Contaminant:	BUTANE
Amount(Lbs/Yr):	9.8810425141478511E-4
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2006
CAS #:	000108883
Contaminant:	TOLUENE
Amount(Lbs/Yr):	1.5997878356239401E-6
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2006
CAS #:	000109660
Contaminant:	PENTANE
Amount(Lbs/Yr):	1.2233671684183101E-3
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2006
CAS #:	000110543
Contaminant:	HEXANE
Amount(Lbs/Yr):	8.4694650121267304E-4
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2006
CAS #:	000120127
Contaminant:	ANTHRACENE
Amount(Lbs/Yr):	1.39198655320058E-9
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2006
CAS #:	000129000
Contaminant:	PYRENE
Amount(Lbs/Yr):	3.4799663830014401E-9

GREENPOINT ENERGY CTR (Continued) **S100494601**

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 000191242
Contaminant: BENZO[G,H,I]PERYLENE
Amount(Lbs/Yr): 0.00214940217627335

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 000205992
Contaminant: BENZO[B]FLUORANTHENE
Amount(Lbs/Yr): 1.39198655320058E-9

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 000206440
Contaminant: FLUORANTHENE
Amount(Lbs/Yr): 2.0879798298008599E-9

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 000207089
Contaminant: BENZO[K]FLUORANTHENE
Amount(Lbs/Yr): 9.41051668014082E-10

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 000218019
Contaminant: CHRYSENE
Amount(Lbs/Yr): 9.41051668014082E-10

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 007439921
Contaminant: LEAD
Amount(Lbs/Yr): 3.4799663830014398E-7

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 007439965
Contaminant: MANGANESE
Amount(Lbs/Yr): 2.6447744510810898E-7

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 007439976
Contaminant: MERCURY
Amount(Lbs/Yr): 1.8095825191607501E-7

Issue Date: Not reported

GREENPOINT ENERGY CTR (Continued) **S100494601**

Expiration Date: Not reported
Year: 2006
CAS #: 007439987
Contaminant: MOLYBDENUM
Amount(Lbs/Yr): 7.6559260426031703E-7

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 007440020
Contaminant: NICKEL METAL AND INSOLUBLE COMPOUNDS
Amount(Lbs/Yr): 1.4615858808606E-6

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 007440382
Contaminant: ARSENIC
Amount(Lbs/Yr): 1.3919865532005801E-7

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 007440393
Contaminant: BARIUM
Amount(Lbs/Yr): 3.0623704170412698E-6

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 007440417
Contaminant: BERYLLIUM
Amount(Lbs/Yr): 8.3519193192034496E-9

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 007440439
Contaminant: CADMIUM
Amount(Lbs/Yr): 7.6559260426031703E-7

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 007440473
Contaminant: CHROMIUM
Amount(Lbs/Yr): 9.7439058724040298E-7

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 007440484
Contaminant: COBALT
Amount(Lbs/Yr): 5.8463435234424198E-8

Issue Date: Not reported
Expiration Date: Not reported

GREENPOINT ENERGY CTR (Continued) **S100494601**

Year: 2006
CAS #: 007440508
Contaminant: COPPER
Amount(Lbs/Yr): 5.9159428511024398E-7

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 007440622
Contaminant: VANADIUM
Amount(Lbs/Yr): 1.6007845361806601E-6

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 007440666
Contaminant: ZINC
Amount(Lbs/Yr): 2.0183805021408299E-5

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 007664417
Contaminant: AMMONIA
Amount(Lbs/Yr): 2.2399999999999998E-3

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 007782492
Contaminant: SELENIUM
Amount(Lbs/Yr): 1.6703838638406899E-8

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 010024972
Contaminant: NITROUS OXIDE
Amount(Lbs/Yr): 1.5399999999999999E-3

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 000630080
Contaminant: CARBON MONOXIDE
Amount(Lbs/Yr): 6248.9574000000002

AIRS Emissions:
County: KINGS
Municipality: BROOKLYN
Facility ID: 2610100071
Facility Name: GREENPOINT ENERGY CTR
SIC Code: 4923

Year: 2018
VOC(tons): 0.58
NOx(tons): 7.04

GREENPOINT ENERGY CTR (Continued) **S100494601**

Co(tons):	2.01
Co2(tons):	654.99
Particulates:	0.13
PM10(tons):	0.02
PM2.5(tons):	0.1
HAPS:	0
So2:	0
Year:	2017
VOC(tons):	0.42
NOx(tons):	5.26
Co(tons):	1.68
Co2(tons):	818.11
Particulates:	0.1
PM10(tons):	0
PM2.5(tons):	0.1
HAPS:	0
So2:	0
Year:	2016
VOC(tons):	0.93
NOx(tons):	3.94
Co(tons):	2.67
Co2(tons):	579.99
Particulates:	0.83
PM10(tons):	0.83
PM2.5(tons):	0
HAPS:	0
So2:	0
Year:	2015
VOC(tons):	1.12
NOx(tons):	4.81
Co(tons):	3.48
Co2(tons):	779.55
Particulates:	1
PM10(tons):	1
PM2.5(tons):	0
HAPS:	0
So2:	0
Year:	2014
VOC(tons):	1.2
NOx(tons):	4.83
Co(tons):	3.11
Co2(tons):	403.69
Particulates:	0.99
PM10(tons):	0.99
PM2.5(tons):	0
HAPS:	0
So2:	0
Year:	2013
VOC(tons):	1.19
NOx(tons):	4.83
Co(tons):	3.23
Co2(tons):	403.69

GREENPOINT ENERGY CTR (Continued) **S100494601**

Particulates:	1.05
PM10(tons):	1.05
PM2.5(tons):	0
HAPS:	0
So2:	0
Year:	2012
VOC(tons):	0.66
NOx(tons):	2.71
Co(tons):	1.83
Co2(tons):	333.88
Particulates:	1.15
PM10(tons):	1.15
PM2.5(tons):	0.58
HAPS:	0
So2:	0
Year:	2011
VOC(tons):	0.66
NOx(tons):	2.71
Co(tons):	1.83
Co2(tons):	333.88
Particulates:	0.58
PM10(tons):	0.58
PM2.5(tons):	0.04
HAPS:	0
So2:	0
Year:	2010
VOC(tons):	0.9
NOx(tons):	3.68
Co(tons):	2.48
Co2(tons):	397.8
Particulates:	0.8
PM10(tons):	0.8
PM2.5(tons):	0.8
HAPS:	0
So2:	0

HSWDS:

Facility ID:	HS2012
Region:	2
Facility Status:	Unknown
Owner Type:	Publ Utily
Owner:	Brooklyn Union Gas Co.
Owner Address:	195 Montague Street
Owner Phone:	(718)403-3053
Operator Type:	Unknown
Operator:	Unknown
Operator:	Unknown
Operator Phone:	Unknown
EPA ID:	NYD980532014
Registry:	Not on NYS Registry of Inactive Haz Waste Disposal Sites
Registry Site ID:	Unknown
RCRA Permitted:	Unknown
Site Code:	Coal Gasification Plant
Owner City State:	Brooklyn

GREENPOINT ENERGY CTR (Continued) **S100494601**

Operator City State:	Not reported
Quadrange:	Unknown
Latitude:	40 43 10 N
Longitude:	73 55 45 W
Acres:	0.00
Operator Date:	1928
Close Date:	Unknown
Completed:	PA
Active:	Unknown
PCB's Disposed:	Unknown
Pesticides Disposed:	No
Metals Disposed:	Unknown
Asbestos Disposed:	No
Volatile Organic Compounds Disposed:	No
Semi Volatile Organic Compounds Disposed:	No
Analytical Info Exists for Air:	Not reported
Analytical Info Exists for Ground:	None
Analytical Info Exists for Surface:	Not reported
Analytical Info Exists for Sediments:	Not reported
Analytical Info Exists for Surface:	Not reported
Analytical Info Exists for Substance:	Not reported
Analytical Info Exists for Waste:	Not reported
Analytical Info Exists for Leachate:	Not reported
Analytical Info Exists for EP Toxicity:	Not reported
Analytical Info Exists for TCLP:	Not reported
Threat to Environment/Public Health:	Environmental
Surface Water Contamination:	Unknown
Surface Water Body Class:	Unknown
Groundwater Contamination:	Unknown
Groundwater Classification:	Unknown
Drinking Water Contamination:	Unknown
Drinking Water Supply is Active:	Unknown
Any Known Fish or Wildlife:	Unknown
Hazardous Exposure:	Unknown
Site Has Controlled Acess:	Unknown
Ambient Air Contamination:	Unknown
Direct Contact:	Unknown
EPA Hazardous Ranking System Score:	Unknown
Inventory:	Not reported
Nefrap:	Not reported
Mailing:	Not reported
Tax Map No:	Not reported
Qualify:	Not reported
Next Action:	Not reported
Agencies:	Not reported
Air:	Not reported
Building:	Not reported
Site Desc:	Not reported
Drink:	Not reported
Eptox:	Not reported
Fish:	Not reported
Ground:	Not reported
Ground Desc:	Not reported
Hazardous Threat:	Not reported
Haz Threat Desc:	Not reported
Leachate:	Not reported
Preparer:	Not reported

GREENPOINT ENERGY CTR (Continued) **S100494601**

Sediment:	Not reported
Soil:	Not reported
Surface:	Not reported
Status:	Not reported
Surface Soil:	Not reported
Surface:	Not reported
TCLP:	Not reported
Waste:	Not reported

Y257 **GREENPOINT** **EDR MGP** **1008407892**
WSW **287 MASPETH AVENUE** **N/A**
1/4-1/2 **BROOKLYN, NY 11211**
0.449 mi.
2371 ft. **Site 3 of 7 in cluster Y**

Relative:
Higher

Actual:
14 ft.

Manufactured Gas Plants:
No additional information available

Y258 **BKLYN UNION GAS /GREENPOINT ENERGY FACIL** **SEMS-ARCHIVE** **1003863851**
WSW **287 MASPETH AVE** **NYD980532014**
1/4-1/2 **BROOKLYN, NY 11222**
0.449 mi.
2371 ft. **Site 4 of 7 in cluster Y**

Relative:
Higher

Actual:
14 ft.

SEMS Archive:

Site ID:	0201977
EPA ID:	NYD980532014
Name:	BKLYN UNION GAS /GREENPOINT ENERGY FACIL
Address:	287 MASPETH AVE
Address 2:	Not reported
City,State,Zip:	BROOKLYN, NY 11222
Cong District:	12
FIPS Code:	36047
FF:	N
NPL:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region:	02
Site ID:	0201977
EPA ID:	NYD980532014
Site Name:	BKLYN UNION GAS /GREENPOINT ENERGY FACIL
NPL:	N
FF:	N
OU:	00
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	1986-09-24 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse

Region:	02
Site ID:	0201977

BKLYN UNION GAS /GREENPOINT ENERGY FACIL (Continued) **1003863851**

EPA ID:	NYD980532014
Site Name:	BKLYN UNION GAS /GREENPOINT ENERGY FACIL
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1986-09-05 04:00:00
Finish Date:	1986-09-24 04:00:00
Qual:	N
Current Action Lead:	EPA Perf
Region:	02
Site ID:	0201977
EPA ID:	NYD980532014
Site Name:	BKLYN UNION GAS /GREENPOINT ENERGY FACIL
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1981-06-01 04:00:00
Finish Date:	1981-06-01 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf

Y259 **K - GREENPOINT MGP - ENERGY CENTER** **NY SHWS** **S104787368**
WSW **287 MASPETH AVENUE** **NY SWF/LF** **N/A**
1/4-1/2 **BROOKLYN, NY 11211** **NY LTANKS**
0.449 mi. **NY MOSF**
2371 ft. **Site 5 of 7 in cluster Y** **NY TANKS**
NY VCP
Relative: Higher **NY BROWNFIELDS**
NY Spills
Actual: 14 ft. **NY MANIFEST**

SHWS:

Name:	K - GREENPOINT MGP - ENERGY CENTER
Address:	287 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY 11211
Program:	HW
Site Code:	372971
Classification:	Significant threat to the public health or environment - action required.
Region:	2
Acres:	117.000
HW Code:	224052
Record Add:	11/02/2006
Record Upd:	05/02/2017
Updated By:	GWCROSS
Site Description:	"Location: The site is a large parcel located along Newtown Creek at 287 Maspeth Avenue in Brooklyn,NY in Kings County.It is bounded ny Newtown Creek to the east, Maspeth Ave. to the south, Vandevoort Ave. to the west, and Lombardy St. to the north. Site Features: The site is currently known as the Greenpoint Energy Center, and houses a

K - GREENPOINT MGP - ENERGY CENTER (Continued) **S104787368**

major liquefied natural gas storage facility and compressor station, an operations center for KeySpan's distribution and service units, and a warehouse facility. Current zoning and land uses: Surrounding land uses are mixed industrial, residential, and commercial.The nearest residential land use is located adjacent to the northwest corner of the site. Past use of the site: A large MGP and byproduct coking operation operated on the site from 1928 until 1952. Coal tar has been found in subsurface soils, but the full extent of contamination has not yet been established. The surrounding neighborhood also conatins a large petroleum spill, apparently unrelated to the MGP. A VCA to address the northeast corner of the property was listed under V00631. This work was undertaken to allow expansion of the existing liquefied gas facility, and included a relatively small portion of the site. A site-wide RI began in the summer of 2012. The RI will be conducted in 3 phases and is scheduled to conclude in late 2014. Site Geology/hydrogeology: The site is underlain by fill and heterogeneous glacial deposits that include outwash sands with lenticulas silt and till deposits. Bedrock is approximately 200 feet below the ground surface. Groundwater flows northeasterly, toward the Newtown Creek."

Env Problem: "According to the USEPA a preliminary assessment (PA) was prepared for the site dated September 24, 1986. The PA was not submitted or reviewed. A draft preliminary site investigaiton report was submitted to the Department in June 2004 for the northeast corner of the site. This report noted MGP DNAPL found across the site in the shallow depths (0-5 feet bgs) This material caused most of the soil samples to fail standards for several SVOCs including naphthalene, benzo(a)pyrene, and benzo(a)anthracene. The area noted was addressed in an IRM, but should be representative of a best-case for the site as a whole as it was in an area which was not actually part of the MGP operations. These exceedances represent a significant threat to the environment, This material is also known to contribute to groundwater contamination and sediment contamination. The site's location, adjacent to Newtown creek, means there is a potential for DNAPL to be leaking into the creek, contaminating sediments and surface water. A RI is currently ongoing. The first phase, begun in July 2012 is focused on the eastern portion of the site, adjacent to Newtown Creek."

Health Problem: "Public exposures to wastes in soil and groundwater at the site are unlikely since access to the site is restricted. Potential impacts from soil vapors need to be evaluated. Potential exposures to seepage from the site in the adjacent Newtown Creek are unknown. Eating of fish and shellfish from Newtown Creek is restricted based on fish advisories for the East River, which apply to Newtown Creek as a tributary."

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: False
Record Add: 2006-11-06 14:08:00
Record Upd: 2013-09-20 14:11:00
Updated By: ldennist

K - GREENPOINT MGP - ENERGY CENTER (Continued) **S104787368**

Own Op: 1
Sub Type: NNN
Owner Name: N/A
Owner Company: BROOKLYN UNION GAS COMPANY
Owner Address: 1 METROTECH CENTER
Owner Addr2: Not reported
Owner City,St,Zip: BROOKLYN, NY 11201
Owner Country: United States of America
HW Code: 224052
Waste Type: COAL TAR
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 224052
Waste Type: COAL TAR
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 224052
Waste Type: NAPHTHALENE
Waste Quantity: 17.00
Waste Code: Not reported
HW Code: 224052
Waste Type: PYRENE
Waste Quantity: 83.00
Waste Code: Not reported
HW Code: 224052
Waste Type: BENZENE
Waste Quantity: 3.30
Waste Code: Not reported
HW Code: 224052
Waste Type: BENZO(A)PYRENE
Waste Quantity: 33.00
Waste Code: Not reported
Crossref ID: Not reported
Cross Ref Type Code: Not reported
Cross Ref Type: Not reported
Record Added Date: Not reported
Record Updated: Not reported
Updated By: Not reported

SWF/LF:
Name: NATIONAL GRID
Address: 287 MASPETH AVENUE
City,State,Zip: BROOKLYN, NY 11222
Flag: ACTIVE
Region Code: 2
Phone Number: 7182705786
Owner Name: Mattia Auriemma
Owner Type: Private
Owner Address: 84-24 Ditmas Ave
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11236
Owner Email: Not reported
Owner Phone: 7182705786
Contact Name: Mattia Auriemma
Contact Address: Not reported
Contact Addr2: Not reported
Contact City,St,Zip: Not reported

K - GREENPOINT MGP - ENERGY CENTER (Continued) **S104787368**

Contact Email:	mattia@nationalgrid.com
Contact Phone:	7182705786
Activity Desc:	C&D processing - registration
Activity Number:	[24W38]
Active:	Yes
East Coordinate:	590245
North Coordinate:	4508023
Accuracy Code:	4.3 - Utilization of Digital Orthophoto Quads
Regulatory Status:	Registration
Waste Type:	Asphalt;Concrete;Brick;Rock;Soil (Clean);Construction & Demolition Debris
Authorization #:	24W38
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	Larry Caonigro
Operator Type:	Private
Laste Date:	6/24/2019

LTANKS:

Name:	CLOSED-LACKOF RECENT INFO
Address:	287 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9009058 / 2003-03-04
Facility ID:	9009058
Site ID:	118273
Spill Date:	1990-11-16
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	A3
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	ADMIN. CLOSED
Referred To:	Not reported
Reported to Dept:	1990-11-16
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1990-11-20
Spill Record Last Update:	2003-03-04
Spiller Name:	Not reported
Spiller Company:	BROOKLYN UNION GAS
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	102793
DEC Memo:	""
Remarks:	"4K TANK FAILED HORNER EZY CHECK WITH AN UNDETERMINED LEAK RATE, WILL EXCAVATE, ISOLATE,REPAIR & RETEST. CLOSED DUE TO LACK OF ANY RECENT INFO - DOES NOT MEET ANY CLEANUP REQUIREMENTS."

K - GREENPOINT MGP - ENERGY CENTER (Continued) **S104787368**

All TTF:

Facility ID:	9009058
Spill Number:	9009058
Spill Tank Test:	1537896
Site ID:	118273
Tank Number:	Not reported
Tank Size:	0
Material:	0009
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	118273
Operable Unit ID:	949558
Operable Unit:	01
Material ID:	432836
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	L
Recovered:	.00
Oxygenate:	Not reported

Name:	KEYSPAN ENERGY
Address:	287 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY 11211
Spill Number/Closed Date:	9211562 / 2007-02-06
Facility ID:	9211562
Site ID:	181619
Spill Date:	1993-01-07
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	VSZHUNE
Referred To:	Not reported
Reported to Dept:	1993-01-07
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	True

K - GREENPOINT MGP - ENERGY CENTER (Continued) **S104787368**

Remediation Phase:	0
Date Entered In Computer:	1993-01-08
Spill Record Last Update:	2007-02-06
Spiller Name:	FACILITY MANAGER
Spiller Company:	KEYSPAN ENERGY
Spiller Address:	ONE METROTECH CENTER
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	14020
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was ROMMEL This spill case was reassigned from DEC (Sigona) to Rommel on 01/07/2004. Per Bart Polozzitti of Keyspan(516-545-5511), major renovations have occurred at the site. The tank may have been removed, he will forward relevant information when gathered. 01/02/07-Zhune got an e-mail from Bart Polozzitti requesting additional time to get the information. He said hopefully he will get it by 02/17/07. Bart Polozzitti cell # 646-2350403 01/09/07 Bart sent the information a tightness test report from Tanknology Corp. and a letter is included. The letter state the following: The subject underground storage tank (361A)located at 287 Maspeth Ave. Brooklyn, New York was tightness tested unsuccessfully on january 7, 1993. The other three fuel thanks on the same facility (Nos. 363, 364 &365) were tested tight on the same day. After repairing the vent connections causing the ullage leak above the level of product, the tank was retested on January 25, 1993 and passed. There was no release at any time to the surrounding environment. Spill Closed "
Remarks:	"EIR"

All TTF:

Facility ID:	9211562
Spill Number:	9211562
Spill Tank Test:	1541042
Site ID:	181619
Tank Number:	Not reported
Tank Size:	0
Material:	0009
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	181619
Operable Unit ID:	978534
Operable Unit:	01
Material ID:	404952
Material Code:	0009
Material Name:	gasoline

K - GREENPOINT MGP - ENERGY CENTER (Continued) **S104787368**

Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

MOSF:

Name:	GREENPOINT ENERGY FACILITY
Address:	287 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY 11211
Facility ID:	2-2340
Program Type:	MOSF
Tank Status:	Unregulated/Closed
Expiration Date:	Not reported
Dec Region:	2
UTMX:	590195.67868
UTMY:	4507995.25372

TANKS:

Name:	NATIONAL GRID GREENPOINT SERVICE CENTER
Address:	287 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY 11211
Facility Id:	2-306398
Region:	STATE
DEC Region:	2
Site Status:	Active
Program Type:	PBS
Expiration Date:	07/14/2022
UTM X:	590235.61396
UTM Y:	4508095.73908

VCP:

Name:	GREENPOINT
Address:	287 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY 11211
Program Type:	VCP
Site Code:	57149
HW Code:	V00631
Site Class:	A
SWIS:	2401
Region:	2
Town:	New York City
Acres:	2.000
Date Record Added:	01/16/2003
Date Record Updated:	06/30/2009
Updated By:	GWCROSS
Site Description:	" The Greenpoint Energy Center is located in the Greenpoint section of Brooklyn, New York. The surrounding area is dominated by industrial and commercial uses with a limited residential area northwest of the the site. "
Env Problem:	"The site is impacted by MGP residuals. Coal tar is present at the site. KeySpan has proposed to remediate the most accessible contamination and leave the remaining contamination in place. The proposed remedy is under review by the department."

K - GREENPOINT MGP - ENERGY CENTER (Continued) **S104787368**

Health Problem:	"Public exposures to wastes in soil and groundwater at the site are unlikely since access to the site is restricted. Potential impacts from soil vapors need to be evaluated. Potential exposures to seepage from the site in the adjacent Newtown Creek are unknown. Eating of fish and shellfish from Newtown Creek is restricted based on fish advisories for the East River, which apply to Newtown Creek as a tributary."
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	6
Sub Type:	ZZZ
Owner Name:	Not reported
Owner Company:	KEYSPAN ENERGY DELIVERY - NY
Owner Address:	ONE METROTECH CENTER
Owner Addr2:	Not reported
Owner City,St,Zip:	BROOKLYN, NY 11201
Owner Country:	United States of America
Own Op:	1
Sub Type:	ZZZ
Owner Name:	Not reported
Owner Company:	KEYSPAN ENERGY DELIVERY - NY
Owner Address:	ONE METROTECH CENTER
Owner Addr2:	Not reported
Owner City,St,Zip:	BROOKLYN, NY 11201
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	9009058
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2003-01-16 09:45:00
Record Updated:	2003-01-16 09:46:00
Updated By:	brhumphr
Crossref ID:	9305107
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2003-01-16 09:46:00
Record Updated:	2003-01-16 09:46:00
Updated By:	brhumphr

BROWNFIELDS:

Name:	K - GREENPOINT MGP - ENERGY CENTER
Address:	287 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY 11211
Program:	BCP

K - GREENPOINT MGP - ENERGY CENTER (Continued) **S104787368**

Site Code:	57389
Acres:	119.000
HW Code:	C224052
SWIS:	2401
Town:	New York City
Record Added Date:	04/30/2004
Record Updated Date:	12/07/2009
Update By:	MOBARRIE
Site Description:	"See Site 224052"
Env Problem:	""
Health Problem:	Not reported
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	1
Sub Type:	E
Owner Name:	Not reported
Owner Company:	KEYSPAN
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	NY
Owner Country:	Unknown
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

SPILLS:

Name:	NAT GRID GREEN POINT FACILITY
Address:	287 MASPETH AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	1006581 / 2010-09-17
Facility ID:	1006581
Facility Type:	ER
DER Facility ID:	394939
Site ID:	439941
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	2401
Spill Date:	2010-09-17
Investigator:	smsanges

K - GREENPOINT MGP - ENERGY CENTER (Continued) **S104787368**

Referred To:	Not reported
Reported to Dept:	2010-09-17
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2010-09-17
Spill Record Last Update:	2010-09-17
Spiller Name:	Not reported
Spiller Company:	NAT GRID
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	MARTIN BRUCELLA
DEC Memo:	""
Remarks:	"APPROX 25-30 GALLONS OF GAS MAIN DRIP WATER SPILLED TO SOIL/ASPHALT AND GRAVEL. CLEANUP IN PROGRESS."

All Materials:

Site ID:	439941
Operable Unit ID:	1190570
Operable Unit:	01
Material ID:	2185598
Material Code:	9999
Material Name:	other - GAS MAIN DRIP WATER
Case No.:	Not reported
Material FA:	Other
Quantity:	30.00
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

Name:	GREENPOINT YARD
Address:	287 MASPETH AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	1012824 / 2011-04-05
Facility ID:	1012824
Facility Type:	ER
DER Facility ID:	394939
Site ID:	447119
DEC Region:	2
Spill Cause:	Human Error
Spill Class:	C4
SWIS:	2401
Spill Date:	2011-03-24
Investigator:	smsanges
Referred To:	Not reported
Reported to Dept:	2011-03-24
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other

K - GREENPOINT MGP - ENERGY CENTER (Continued) **S104787368**

Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2011-03-24
Spill Record Last Update:	2011-04-05
Spiller Name:	Not reported
Spiller Company:	NAT GRID
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	BILLY STUBER
DEC Memo:	"spill was contained inside a workshop. no drains. cleanup completed."
	Not reported
Remarks:	"spill in tool room/clean up pending"

All Materials:

Site ID:	447119
Operable Unit ID:	1197248
Operable Unit:	01
Material ID:	2193529
Material Code:	0016A
Material Name:	non PCB oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	3.00
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

Name:	SOIL
Address:	287 MASPETH AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	1701762 / 2018-08-15
Facility ID:	1701762
Facility Type:	ER
DER Facility ID:	394939
Site ID:	548872
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	Not reported
SWIS:	2401
Spill Date:	2017-05-22
Investigator:	vszhune
Referred To:	Not reported
Reported to Dept:	2017-05-23
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0

K - GREENPOINT MGP - ENERGY CENTER (Continued) **S104787368**

Date Entered In Computer:	2017-05-23
Spill Record Last Update:	2018-08-15
Spiller Name:	BRITTANY
Spiller Company:	NATIONAL GRID
Spiller Address:	287 MASPETH AVE
Spiller Company:	999
Contact Name:	BRITTANY
DEC Memo:	"05/23/17-Hiralkumar Patel. 1:17 PM:- spoke with Brittany. they are removing two USTs: one 4,000 gal gasoline and one 1,000 gal diesel UST. during removal of diesel tank, crew noted some odors and upto 100 ppm on PID in soil. the tanks were located on concrete pad at 9 ft bg. crew has removed concrete pad and noted groundwater at bottom of excavation at approx. 10 ft bg. no sheen or product noted on groundwater. D&B will remove tank piping and dispenser islands and will collect endpoint soil and groundwater samples. two new tanks will be installed at the same location. Brittany Gaddy D&B Engineering and Architects, P.C. Ph. (516) 364-9890 Ext. 3439 email: bgaddy@db-eng.com National Grid **site operator** 175 East Old Country Road Hicksville, NY 11801 Attn.: Michael Lauro Environmental Engineering Ph. (516) 545-2562 email: michael.lauro@nationalgrid.com 1:39 PM:- sent letter to Mr. Lauro requiring submission of spill cleanup report by the end of 06/30/17. letter emailed to Mr. Lauro and Brittany. case assigned to DEC Zhune. 8/1/17- Brittany email-As discussed, attached to this email is analytical data, tables and an end point sample location map for NYSDEC review for Spill No. 1701762. Below is a detailed summary of the work that is taking place during the removal and installation of two USTs at the National Grid Greenpoint Energy Center, located at 287 Maspeth Avenue in Brooklyn. National Grid is in the process of removing a 4,000-gallon gasoline UST and a 1,000-gallon diesel UST. Upon removal of the USTs, the Contractor will install 27 concrete filled piles, pour a bottom slab and install two new 10,000-gallon USTs in the same location. Existing piping will be removed after the new tanks are in place and the excavation backfilled. End point samples will also be collected for piping excavation as requested by DEC. On May 23, 2017 during excavation related to existing tank removal, some soils were identified that appeared to be impacted due to elevated PID readings and a diesel odor. D&B notified the NYSDEC of a historical petroleum release at the site and a spill case initiated. Soil with elevated PID readings was segregated. Upon removal of the USTs, 14 end point samples were collected and analyzed for the tank excavation. Please see attached for a site plan of the existing fueling station that has been marked with approximate end point sample locations. Table 1, which provides a summary of the removed tanks is attached for reference. Table 2, which provides a summary of PID Readings is also attached for reference. Analytical data related to the endpoint sampling indicates that all VOCs were non detect with the exception of sample GBN which has one exceedance. For sample GBN, benzene was detected at a concentration of 250 ug/kg which exceeds for unrestricted use. This concentration of benzene does not exceed for restricted industrial use. There were several SVOC exceedances for unrestricted and restricted use; however, the Site is known to contain historic fill. Soil borings taken from the area near the USTs show historic fill present up to 12-17 feet below grade. Additionally, the National Grid Greenpoint Energy Center is a former MGP site and is adjoined by Newtown Creek, a designated Superfund site to the east. As the DEC has requested that the tank closure

K - GREENPOINT MGP - ENERGY CENTER (Continued) **S104787368**

report include piping excavation endpoint samples, the report cannot be finalized until the new tank installation is complete. However, due to the results of the endpoint sampling below the old USTs, we are requesting NYSDEC review/approval of analytical data provided to close Spill No. 1701762 at this time. A groundwater sample was collected from the base of the former UST excavation. The groundwater sample indicate one VOC (1500 ug/lt Naphathalene)and multiple SVOCs exceedance their repective NYSDEC GWGS. Following the product piping, vent piping and dispensers island removal, five (5) soil sample were collected from those respective areas. All VOC conccentrations were determined to be below their respective SCO's limits. However, the two (2) samples analyzed via EPA Methos 8270, sample 2 and sample 4, exhibited concentrations of several SVOCs above their respective SCOs. On July 30, 2018 I received an email from John Miller and I spoke with him. The email stated that My name is John Miller and I am the NYSDEC project manager for Greenpoint MGP Site (224052). I was informed recently that National Grid is hoping to close out a spill at the site. My understanding is that any contamination that remains related to the spill would be address under the MPG program. I only just to heard of this issue last week, but after speaking with Grid it sounds like reasonable approach. I wanted to confirm with you whether you agree or not. Do you have any issues or concern?. Based on John Miller's email that any contamination that remains related to the spill would be addressed under the MPG program # 224052 this spill is closed. Spill closed. "

Remarks: "clean up is pending soil tested positive for materials pbs 2-306398"

All Materials:

Site ID:	548872
Operable Unit ID:	1296965
Operable Unit:	01
Material ID:	2303087
Material Code:	0064A
Material Name:	unknown material
Case No.:	Not reported
Material FA:	Other
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

Name:	SUBSTATION
Address:	287 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0310061 / 2003-12-17
Facility ID:	0310061
Facility Type:	ER
DER Facility ID:	102793
Site ID:	94159
DEC Region:	2
Spill Cause:	Other
Spill Class:	C3
SWIS:	2401
Spill Date:	2003-11-26
Investigator:	CESAWYER
Referred To:	Not reported
Reported to Dept:	2003-11-26

K - GREENPOINT MGP - ENERGY CENTER (Continued) **S104787368**

CID:	403
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	Not reported
Spill Record Last Update:	2003-12-17
Spiller Name:	MIKE RUSSO
Spiller Company:	SUBSTATION
Spiller Address:	287MASPETH AVE.
Spiller Company:	001
Contact Name:	MIKE RUSSO
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was SAWYER 12/11/03 1038 Hrs - Sawyer - Talked to Rob Lowe and Bart Polozotti (516) 545-5511 of Keyspan. They said it was taken care of in house. One of the hazmat personnel, an Eddie will get back to me with disposal information. Closed."
Remarks:	"1-3 gallons spilled out at a substation and all of it was cleaned up"
	Not reported

All Materials:

Site ID:	94159
Operable Unit ID:	877718
Operable Unit:	01
Material ID:	499002
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	2.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	KEY SPAN
Address:	287 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0004653 / 2003-02-24
Facility ID:	0004653
Facility Type:	ER
DER Facility ID:	102793
Site ID:	181394
DEC Region:	2
Spill Cause:	Deliberate
Spill Class:	B3
SWIS:	2401
Spill Date:	2000-07-18
Investigator:	SACCACIO
Referred To:	Not reported
Reported to Dept:	2000-07-18
CID:	211
Water Affected:	Not reported

K - GREENPOINT MGP - ENERGY CENTER (Continued) **S104787368**

Spill Source:	Commercial Vehicle
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2000-07-18
Spill Record Last Update:	2003-02-24
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	JOHN TUFFARELLI
DEC Memo:	""
Remarks:	"CALLER STATES PRIVATE TRACTOR TRAILER OWNERS MAKE REPAIR TO THEIR VEHICLES IN THE STREET AND THE RESIDUAL FUEL IS SPILLED ON STREET AND THERE IS NO CLEAN UP "

All Materials:

Site ID:	181394
Operable Unit ID:	825775
Operable Unit:	01
Material ID:	549386
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	GREENPOINT KEY SPAN
Address:	287 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0303442 / 2003-07-09
Facility ID:	0303442
Facility Type:	ER
DER Facility ID:	102793
Site ID:	181395
DEC Region:	2
Spill Cause:	Human Error
Spill Class:	C4
SWIS:	2401
Spill Date:	2003-07-02
Investigator:	JXZHAO
Referred To:	Not reported
Reported to Dept:	2003-07-02
CID:	199
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported

K - GREENPOINT MGP - ENERGY CENTER (Continued) **S104787368**

Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2003-07-02
Spill Record Last Update:	2003-08-08
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	BART POLIZZOTTI
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was ZHAO "
Remarks:	"contractor cleaning out drain accidentally dumped approx 2 yds of oily sludge type materal on ground at location - clean up crew enroute"

All Materials:

Site ID:	181395
Operable Unit ID:	870549
Operable Unit:	01
Material ID:	504309
Material Code:	0058A
Material Name:	sludge
Case No.:	Not reported
Material FA:	Other
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	BROOKLYN UNION
Address:	287 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9714234 / 1998-03-31
Facility ID:	9714234
Facility Type:	ER
DER Facility ID:	102793
Site ID:	181396
DEC Region:	2
Spill Cause:	Other
Spill Class:	C4
SWIS:	2401
Spill Date:	1998-03-24
Investigator:	MCTIBBE
Referred To:	Not reported
Reported to Dept:	1998-03-24
CID:	211
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1998-03-24

K - GREENPOINT MGP - ENERGY CENTER (Continued) **S104787368**

Spill Record Last Update:	1998-05-22
Spiller Name:	MARY CASEY
Spiller Company:	BROOKLYN UNION
Spiller Address:	287 MASPETH AV
Spiller Company:	001
Contact Name:	MARY CASEY
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE CLEANED BY RP. "
Remarks:	"DRUM LEAKED CAUSING SPILL ONTO SOIL - SOIL HAS BEEN EXCAVATED"

All Materials:

Site ID:	181396
Operable Unit ID:	1060065
Operable Unit:	01
Material ID:	325205
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5.00
Units:	G
Recovered:	5.00
Oxygenate:	Not reported

Name:	GREENPOINT ENERGY CTR
Address:	287 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0104143 / 2003-02-13
Facility ID:	0104143
Facility Type:	ER
DER Facility ID:	102793
Site ID:	181616
DEC Region:	2
Spill Cause:	Other
Spill Class:	C3
SWIS:	2401
Spill Date:	2001-07-15
Investigator:	MXTIPPLE
Referred To:	Not reported
Reported to Dept:	2001-07-18
CID:	252
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2001-07-18
Spill Record Last Update:	2003-02-13
Spiller Name:	MARTIN BRUSCELLA
Spiller Company:	GREENPOINT ENERGY CTR
Spiller Address:	287 MASPETH AVE
Spiller Company:	001
Contact Name:	MARTIN BRUSCELLA

K - GREENPOINT MGP - ENERGY CENTER (Continued) **S104787368**

DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIPPLE REFERRED TO MR. HUSSEIN. 07/18/2001 COPY OF REPORT GIVEN TO RICH GARDINEER"
Remarks: "LEAD PAINT DEBRIS FROM CONTROLLED DEMOLITION OF LARGE GAS HOLDERS. APPROX 600 POUNDS-HAS BEEN CLEANED UP. NRC #573445"

All Materials:
Site ID: 181616
Operable Unit ID: 842626
Operable Unit: 01
Material ID: 532643
Material Code: 0055A
Material Name: paint
Case No.: Not reported
Material FA: Other
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

Name: KEYSPAN GREENPOINT
Address: 287 MASPETH AVENUE
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 0106270 / 2007-02-06
Facility ID: 0106270
Facility Type: ER
DER Facility ID: 102793
Site ID: 181617
DEC Region: 2
Spill Cause: Equipment Failure
Spill Class: C3
SWIS: 2401
Spill Date: 2001-09-13
Investigator: VSZHUNE
Referred To: Not reported
Reported to Dept: 2001-09-13
CID: 252
Water Affected: Not reported
Spill Source: Commercial Vehicle
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2001-09-13
Spill Record Last Update: 2007-02-06
Spiller Name: CALLER
Spiller Company: KEYSPAN
Spiller Address: 175 EAST OLD COUNRTY RD
Spiller Company: 001
Contact Name: SHAWN DAVIS
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was KRIMGOLD 9/13/01. J.Krimgold called Shawn Davis of Keyspan and left message. 7/26/06 - Mike - Bart Palozzotti is now attatched to the number 516-545-5511. Unsure if Shawn Davis left Keyspan. Unable to

K - GREENPOINT MGP - ENERGY CENTER (Continued) **S104787368**

get a hold of Bart. This spill case was reassigned from Bishop to Zhune 02/10/07 Bart Palozzotti sent informartion. Miller Environmental Group did the cleaned up. I received invoice, Daily job report and the waste manifest. Spill Closed "

Remarks: "FAULTY VALVE ON TRUCK MAY HAVE CAUSED SPILL-CONTRACTORS ENROTE FOR CLEANUP."

All Materials:

Site ID:	181617
Operable Unit ID:	844615
Operable Unit:	01
Material ID:	531133
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	200.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	KEY SPAN GREENPOINT OPER
Address:	287 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0202908 / 2003-03-13
Facility ID:	0202908
Facility Type:	ER
DER Facility ID:	102793
Site ID:	181618
DEC Region:	2
Spill Cause:	Other
Spill Class:	C4
SWIS:	2401
Spill Date:	2002-06-19
Investigator:	MXTIPPLE
Referred To:	Not reported
Reported to Dept:	2002-06-19
CID:	252
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2002-06-19
Spill Record Last Update:	2003-08-08
Spiller Name:	MARTIN BRUSCELLA
Spiller Company:	KEY SPAN GREEN POINT OPER
Spiller Address:	287 MASPETH AVE
Spiller Company:	001
Contact Name:	MARTIN BRUSCELLA
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIPPLE 06/27/2002 paperwork to follow. 3/13/03Statement signed by B.J. Polizzotti, Keyspan’s hazardous materials supervisor certifies

K - GREENPOINT MGP - ENERGY CENTER (Continued) **S104787368**

that this spill has been remediated in accordance with applicable regulations."

Remarks: "UPON BLEEDING PRESSURE VALVE APPROX 1 GALLONS OF MATERIAL SPILLED OUT INTO A PIT. HAS BEEN CLEANED UP BY MILLER ENVIRONMENTAL. NON PCB PER ANLYSIS."

All Materials:

Site ID:	181618
Operable Unit ID:	855906
Operable Unit:	01
Material ID:	520741
Material Code:	0579A
Material Name:	hydrocarbons
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	1.00
Oxygenate:	Not reported

Name:	287 MASPETH AVE
Address:	287 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9301329 / 2002-12-23
Facility ID:	9301329
Facility Type:	ER
DER Facility ID:	102793
Site ID:	181620
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	2401
Spill Date:	1993-04-28
Investigator:	SJMILLER
Referred To:	Not reported
Reported to Dept:	1993-04-28
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Tank Truck
Spill Notifier:	Fire Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1993-04-28
Spill Record Last Update:	2002-12-23
Spiller Name:	Not reported
Spiller Company:	CAROLINA FREIGHT INC
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MILLER "
Remarks:	"DEP ON THE SITE RESP.NO SPILL IN SEWER"

K - GREENPOINT MGP - ENERGY CENTER (Continued) **S104787368**

All Materials:
- Site ID: 181620
- Operable Unit ID: 983224
- Operable Unit: 01
- Material ID: 398518
- Material Code: 0008
- Material Name: diesel
- Case No.: Not reported
- Material FA: Petroleum
- Quantity: 100.00
- Units: G
- Recovered: .00
- Oxygenate: Not reported

Click this hyperlink while viewing on your computer to access
7 additional NY SPILL: record(s) in the EDR Site Report.

NY MANIFEST:
- Name: KEYSPAN - LNG PLANT GREENPOINT
- Address: 287 MASPETH AVE
- City,State,Zip: BROOKLYN, NY 11211-0000
- Country: USA
- EPA ID: NYD006978795
- Facility Status: Not reported
- Location Address 1: 287 MASPETH AVE
- Code: BP
- Location Address 2: Not reported
- Total Tanks: Not reported
- Location City: BROOKLYN
- Location State: NY
- Location Zip: 11211
- Location Zip 4: Not reported

NY MANIFEST:
- EPAID: NYD006978795
- Mailing Name: KEYSPAN - LNG PLANT GREENPOINT
- Mailing Contact: AMY DROGALIS
- Mailing Address 1: 175 E OLD COUNTRY RD
- Mailing Address 2: Not reported
- Mailing City: HICKSVILLE
- Mailing State: NY
- Mailing Zip: 11801
- Mailing Zip 4: Not reported
- Mailing Country: USA
- Mailing Phone: 9175600908

NY MANIFEST:
- Document ID: Not reported
- Manifest Status: Not reported
- seq: Not reported
- Year: Not reported
- Trans1 State ID: NJD080631369
- Trans2 State ID: Not reported
- Generator Ship Date: 12/30/2014
- Trans1 Recv Date: 12/30/2014

K - GREENPOINT MGP - ENERGY CENTER (Continued) **S104787368**

Trans2 Recv Date:	Not reported
TSD Site Recv Date:	01/07/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD006978795
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NYD980536593
TSDF ID 2:	Not reported
Manifest Tracking Number:	000806357VES
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	300
Units:	P - Pounds
Number of Containers:	1
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Waste Code:	D001
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	D018
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Y260 **BKLYN UNION GAS /MASPETH GATE STA** **SEMS-ARCHIVE** **1003863866**
WSW **285 MASPETH AVE** **NYD980532220**
1/4-1/2 **BROOKLYN, NY 11222**
0.452 mi.
2387 ft. **Site 6 of 7 in cluster Y**

Relative:
Higher

Actual:
14 ft.

SEMS Archive:

Site ID:	0201996
EPA ID:	NYD980532220
Name:	BKLYN UNION GAS /MASPETH GATE STA
Address:	285 MASPETH AVE
Address 2:	Not reported
City,State,Zip:	BROOKLYN, NY 11222
Cong District:	12
FIPS Code:	36047
FF:	N
NPL:	Not on the NPL

BKLYN UNION GAS /MASPETH GATE STA (Continued) **1003863866**

Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region:	02
Site ID:	0201996
EPA ID:	NYD980532220
Site Name:	BKLYN UNION GAS /MASPETH GATE STA
NPL:	N
FF:	N
OU:	00
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	1986-09-24 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse

Region:	02
Site ID:	0201996
EPA ID:	NYD980532220
Site Name:	BKLYN UNION GAS /MASPETH GATE STA
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1986-09-05 04:00:00
Finish Date:	1986-09-24 04:00:00
Qual:	N
Current Action Lead:	EPA Perf

Region:	02
Site ID:	0201996
EPA ID:	NYD980532220
Site Name:	BKLYN UNION GAS /MASPETH GATE STA
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1981-06-01 04:00:00
Finish Date:	1981-06-01 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf

Y261 **BUG, MASPETH GATE STATION** **NY HSWDS** **S108147014**
WSW **285 MASPETH AVENUE** **N/A**
1/4-1/2 **BROOKLYN, NY 11222**
0.452 mi.
2387 ft. **Site 7 of 7 in cluster Y**

Relative:
Higher

Actual:
14 ft.

HSWDS:

Facility ID:	Not reported
Region:	2
Facility Status:	Unknown
Owner Type:	Publ Utily
Owner:	Brooklyn Union Gas
Owner Address:	195 Montague Street
Owner Phone:	(718)403-3053
Operator Type:	Unknown
Operator:	Unknown
Operator:	Unknown
Operator Phone:	Unknown
EPA ID:	NYD980532220
Registry:	Not on NYS Registry of Inactive Haz Waste Disposal Sites
Registry Site ID:	Unknown
RCRA Permitted:	Unknown
Site Code:	Coal Gasification Plant
Owner City State:	Brooklyn
Operator City State:	Not reported
Quadrange:	Unknown
Latitude:	40 43 10 N
Longitude:	73 55 45 W
Acres:	0.00
Operator Date:	1981
Close Date:	Unknown
Completed:	PA
Active:	Unknown
PCB's Disposed:	Unknown
Pesticides Disposed:	No
Metals Disposed:	No
Asbestos Disposed:	No
Volatile Organic Compounds Disposed:	No
Semi Volatile Organic Compounds Disposed:	No
Analytical Info Exists for Air:	Not reported
Analytical Info Exists for Ground:	None
Analytical Info Exists for Surface:	Not reported
Analytical Info Exists for Sediments:	Not reported
Analytical Info Exists for Surface:	Not reported
Analytical Info Exists for Substance:	Not reported
Analytical Info Exists for Waste:	Not reported
Analytical Info Exists for Leachate:	Not reported
Analytical Info Exists for EP Toxicity:	Not reported
Analytical Info Exists for TCLP:	Not reported
Threat to Environment/Public Health:	Environmental
Surface Water Contamination:	Unknown
Surface Water Body Class:	Unknown
Groundwater Contamination:	Unknown
Groundwater Classification:	Unknown
Drinking Water Contamination:	Unknown
Drinking Water Supply is Active:	Unknown
Any Known Fish or Wildlife:	Unknown
Hazardous Exposure:	Unknown
Site Has Controlled Acess:	Unknown

BUG, MASPETH GATE STATION (Continued) **S108147014**

Ambient Air Contamination:	Unknown
Direct Contact:	Unknown
EPA Hazardous Ranking System Score:	Unknown
Inventory:	F
Nefrap:	Not reported
Mailing:	Not reported
Tax Map No:	Not reported
Qualify:	0
Next Action:	Not reported
Agencies:	Not reported
Air:	Not reported
Building:	Not reported
Site Desc:	Not reported
Drink:	Not reported
Eptox:	Not reported
Fish:	Not reported
Ground:	Not reported
Ground Desc:	Not reported
Hazardous Threat:	Not reported
Haz Threat Desc:	Not reported
Leachate:	Not reported
Preparer:	Not reported
Sediment:	Not reported
Soil:	Not reported
Surface:	Not reported
Status:	Not reported
Surface Soil:	Not reported
Surface:	Not reported
TCLP:	Not reported
Waste:	Not reported

Z262 **BUG, VARICK GATE STATION** **NY HSWDS** **S108147018**
West **438 VARICK AVENUE** **N/A**
1/4-1/2 **BROOKLYN, NY 11222**
0.458 mi.
2420 ft. **Site 1 of 2 in cluster Z**

Relative:
Higher

Actual:
21 ft.

HSWDS:

Facility ID:	Not reported
Region:	2
Facility Status:	Unknown
Owner Type:	Publ Utily
Owner:	Brooklyn Union Gas Company
Owner Address:	195 Montague Street
Owner Phone:	(718)403-0533
Operator Type:	Unknown
Operator:	Unknown
Operator:	Unknown
Operator Phone:	Unknown
EPA ID:	NYD980532261
Registry:	Not on NYS Registry of Inactive Haz Waste Disposal Sites
Registry Site ID:	Unknown
RCRA Permitted:	Unknown
Site Code:	Coal Gasification Plant
Owner City State:	Brooklyn
Operator City State:	Not reported
Quadrange:	Unknown
Latitude:	40 43 05 N

BUG, VARICK GATE STATION (Continued) **S108147018**

Longitude:	73 56 05 W
Acres:	0.00
Operator Date:	1981
Close Date:	Unknown
Completed:	PA
Active:	Unknown
PCB's Disposed:	Unknown
Pesticides Disposed:	No
Metals Disposed:	No
Asbestos Disposed:	No
Volatile Organic Compounds Disposed:	No
Semi Volatile Organic Compounds Disposed:	No
Analytical Info Exists for Air:	Not reported
Analytical Info Exists for Ground:	None
Analytical Info Exists for Surface:	Not reported
Analytical Info Exists for Sediments:	Not reported
Analytical Info Exists for Surface:	Not reported
Analytical Info Exists for Substance:	Not reported
Analytical Info Exists for Waste:	Not reported
Analytical Info Exists for Leachate:	Not reported
Analytical Info Exists for EP Toxicity:	Not reported
Analytical Info Exists for TCLP:	Not reported
Threat to Environment/Public Health:	Unknown
Surface Water Contamination:	Unknown
Surface Water Body Class:	Unknown
Groundwater Contamination:	Unknown
Groundwater Classification:	Unknown
Drinking Water Contamination:	Unknown
Drinking Water Supply is Active:	Unknown
Any Known Fish or Wildlife:	Unknown
Hazardous Exposure:	Unknown
Site Has Controlled Acess:	Unknown
Ambient Air Contamination:	Unknown
Direct Contact:	Unknown
EPA Hazardous Ranking System Score:	Unknown
Inventory:	F
Nefrap:	Not reported
Mailing:	Not reported
Tax Map No:	Not reported
Qualify:	0
Next Action:	Not reported
Agencies:	Not reported
Air:	Not reported
Building:	Not reported
Site Desc:	Not reported
Drink:	Not reported
Eptox:	Not reported
Fish:	Not reported
Ground:	Not reported
Ground Desc:	Not reported
Hazardous Threat:	Not reported
Haz Threat Desc:	Not reported
Leachate:	Not reported
Preparer:	Not reported
Sediment:	Not reported
Soil:	Not reported
Surface:	Not reported

BUG, VARICK GATE STATION (Continued) **S108147018**

Status: Not reported
Surface Soil: Not reported
Surface: Not reported
TCLP: Not reported
Waste: Not reported

Z263 **BKLYN UNION GAS/VARICK GATE STATION** **SEMS-ARCHIVE** **1003863869**
West **438 VARICK AVE** **NYD980532261**
1/4-1/2 **BROOKLYN, NY 11222**
0.458 mi.
2420 ft. **Site 2 of 2 in cluster Z**

Relative:
Higher

Actual:
21 ft.

SEMS Archive:
Site ID: 0202000
EPA ID: NYD980532261
Name: BKLYN UNION GAS/VARICK GATE STATION
Address: 438 VARICK AVE
Address 2: Not reported
City,State,Zip: BROOKLYN, NY 11222
Cong District: 12
FIPS Code: 36047
FF: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:
Region: 02
Site ID: 0202000
EPA ID: NYD980532261
Site Name: BKLYN UNION GAS/VARICK GATE STATION
NPL: N
FF: N
OU: 00
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1986-09-24 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 02
Site ID: 0202000
EPA ID: NYD980532261
Site Name: BKLYN UNION GAS/VARICK GATE STATION
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1981-06-01 04:00:00
Finish Date: 1981-06-01 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 02
Site ID: 0202000

BKLYN UNION GAS/VARICK GATE STATION (Continued) **1003863869**

EPA ID:	NYD980532261
Site Name:	BKLYN UNION GAS/VARICK GATE STATION
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1986-09-05 04:00:00
Finish Date:	1986-09-24 04:00:00
Qual:	N
Current Action Lead:	EPA Perf

264
NE
1/4-1/2
0.466 mi.
2458 ft.

PEPSI - TTF
50-35 56TH RD
MASPETH, NY

NY LTANKS **S112810221**
N/A

Relative:
Higher

Actual:
24 ft.

LTANKS:

Name:	PEPSI - TTF
Address:	50-35 56TH RD
City,State,Zip:	MASPETH, NY
Spill Number/Closed Date:	1215162 / 2014-08-25
Facility ID:	1215162
Site ID:	478444
Spill Date:	2013-01-31
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	TJDEMEO
Referred To:	Not reported
Reported to Dept:	2013-01-31
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2013-01-31
Spill Record Last Update:	2014-08-25
Spiller Name:	Not reported
Spiller Company:	PEPSI
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	BRENDA CUMMINGS
Spiller Phone:	(914) 328-6549
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	433721
DEC Memo:	"3/27/13 AFrischeisen intern TTF letter sent. 8/25/14 TJD File review. 15,000 gallon UST failed a tightness test associated in preperation of a planned tank abandonment as the facilty has

PEPSI - TTF (Continued) **S112810221**

converted from #2 fuel oil to natural gas and the UST is no longer necessary. Following the tigtness test failure the facility retained the services of a qualified environmental contractor who collected a total of (5) soil samples via interior of tank shell through holes cut solely for this purpose. All laboratory data from sample analysis is within acceptable concentrations. Corroded piping was identified in the tank top sump which is suspected to be the cause of the tightness test failure - all piping was removed as part of the tank abandonment process which was completed following the required site assessment. Closure report has been uploaded to DECDOCS. Based upon the laboratory data provided in support of spill closure - no further action is required. Spill closed. "

Remarks: "repair/retest pending -"

All Materials:

Site ID:	478444
Operable Unit ID:	1228220
Operable Unit:	01
Material ID:	2225793
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

AA265 **251 LOMBARDI ST** **NY LTANKS** **S103238952**
NW **251 LOMBARDI ST** **N/A**
1/4-1/2 **BROOKLYN, NY**
0.468 mi.
2471 ft. **Site 1 of 2 in cluster AA**

Relative:
Higher

Actual:
19 ft.

LTANKS:

Name:	251 LOMBARDI ST
Address:	251 LOMBARDI ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9804103 / 1999-01-19
Facility ID:	9804103
Site ID:	239856
Spill Date:	1998-07-01
Spill Cause:	Tank Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	TOMASELLO
Referred To:	Not reported
Reported to Dept:	1998-07-01
CID:	205
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	True

251 LOMBARDI ST (Continued) **S103238952**

Remediation Phase:	0
Date Entered In Computer:	1998-07-01
Spill Record Last Update:	1999-02-09
Spiller Name:	ACME ARCHITECUAL
Spiller Company:	251 LOMBARDI ST
Spiller Address:	251 LOMBARDI ST
Spiller County:	001
Spiller Contact:	ACME ARCHITECUAL
Spiller Phone:	(718) 384-7800
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	197297
DEC Memo:	""
Remarks:	"CALLER PULLING OLD TANKS AT ABANDONED WHSE ENCOUNTERED CONTAMINATION."

All Materials:

Site ID:	239856
Operable Unit ID:	1064977
Operable Unit:	01
Material ID:	318824
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Site ID:	239856
Operable Unit ID:	1064977
Operable Unit:	01
Material ID:	318823
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

AB266 **UNIVERSAL USED AUTO PARTS INC** **NY SWF/LF** **S108146179**
SSE **1931 FLUSHING AVE** **NY Spills** **N/A**
1/4-1/2 **RIDGEWOOD, NY 11385** **NY SPDES**
0.469 mi.
2475 ft. **Site 1 of 3 in cluster AB**

Relative:
Higher

Actual:
30 ft.

SWF/LF:

Name:	UNIVERSAL USED AUTO PARTS INC
Address:	1931 FLUSHING AVE
City,State,Zip:	RIDGEWOOD, NY 11385
Flag:	ACTIVE
Region Code:	2
Phone Number:	7183811000
Owner Name:	Universal Used Auto Parts

UNIVERSAL USED AUTO PARTS INC (Continued) **S108146179**

Owner Type:	Private
Owner Address:	1931 Flushing Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Ridgewood, NY 11385
Owner Email:	universalscrapprocessors@gmail.com
Owner Phone:	7183811000
Contact Name:	James Ruggiero
Contact Address:	1931 Flushing Avenue
Contact Addr2:	Not reported
Contact City,St,Zip:	Ridgewood, NY 11385
Contact Email:	universalscrapprocessors@gmail.com
Contact Phone:	7183811000
Activity Desc:	Vehicle Dismantling Facility
Activity Number:	[7095371]
Active:	Yes
East Coordinate:	591400
North Coordinate:	4507451
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Waste Type:	Not reported
Authorization #:	Not reported
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	Universal Used Auto Parts
Operator Type:	Private
Laste Date:	Not reported

SPILLS:

Name:	UNIVERSAL USED AUTO
Address:	1931 FLUSHING AVE
City,State,Zip:	RIDEGEWOOD, NY 11385
Spill Number/Closed Date:	1408341 / 2014-11-14
Facility ID:	1408341
Facility Type:	ER
DER Facility ID:	456871
Site ID:	501896
DEC Region:	2
Spill Cause:	Deliberate
Spill Class:	C3
SWIS:	4101
Spill Date:	2014-11-12
Investigator:	TJDEMEO
Referred To:	Not reported
Reported to Dept:	2014-11-13
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2014-11-13
Spill Record Last Update:	2014-11-14
Spiller Name:	Not reported

UNIVERSAL USED AUTO PARTS INC (Continued) **S108146179**

Spiller Company: Universal Used Oil
Spiller Address: 1931 Flushing Ave
Spiller Company: 999
Contact Name: UNKNOWN
DEC Memo: "11/13/14 TJD Inspection scheduled with DLE for 11/14/14 @1300. 11/14/14 TJD Site inspection. Minor housekeeping conditions identified during inspection. Operator had appropriate absorbents and personnel onsite and immediately addresssed conditions identified during site walk through. No tank storage at location - waste oil and antifreeze are stored onsite in 55 gallon drums and picked up by a waste oil contractor at regular frequencies - manifests were available onsite at time of inspection. Reported heavy staining and migration of contaminant to public roadways and municipal sewers was not present at time of inspection -heavy rains the previous evening. Business owner/operator was provided detailed information regarding Best Management Practices and operating an automotive recycling business in compliance with applicable regulations - owner was receptive to guidance provided. No further action required at this time. Spill closed. Notifying agency (NYCDEP) was provided an update regarding inspection findings."
Remarks: "AS per NYCDEP e-mail request for DEC inspection. FW: City of New York - Correspondence #1-1-1033412417 Message to Agency Head, DEP - Hazardous Materials Good morning Tim I just received this correspondence to perform in inspection at this location. It seems to be a complaint regarding ground contamination from oil, gasoline, and other auto chemicals. Can you please scheduled an inspection as well. See attachment. If you need additional information, I can be reached at 347 672-6075. This is to report the company Universal Used Auto for saturating the sidewalk and grounds of their property with oil, grease, gas and car chemicals. They are located at 1931 Flushing Ave, Ridgewood, NY,11385. This business has 2 entrances with the most contamination on Metropolitan ave. That entrance is across street from 48-05 Metropolitan ave. Sidewalk is black from contaminants. The sidewalk behind this company, which is the back entrance to this business and is across the street from 48-05 Metropolitan Ave is completely saturated from oil and grease that runs into the sewers from partially dismantled cars that this company leaves and stores on sidewalk during the day. The sidewalk is total black from years of doing this. When it rains you can see the oil and grease pouring into street from the sidewalk."

All Materials:
Site ID: 501896
Operable Unit ID: 1251282
Operable Unit: 01
Material ID: 2253171
Material Code: 0066A
Material Name: unknown petroleum
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

SPDES:

UNIVERSAL USED AUTO PARTS INC (Continued) **S108146179**

Name:	UNIVERSAL USED AUTO PARTS INC
Address:	1931 FLUSHING AVE
City,State,Zip:	RIDGEWOOD, NY 11385
Permit Number:	NYR00E965
State-Region:	02
Expiration Date:	09/30/2017
Current Major Minor Status:	Minor
Primary Facility SIC Code:	Not reported
State Water Body Name:	ENGLISH KILLS
Limit Set Status Flag:	Active
Total Actual Average Flow(MGD):	Not reported
Total App Design Flow(MGD):	Not reported
UDF1:	Not reported
Lat/Long:	+40.712 / -73.917
DMR Cognizant Official:	Not reported
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY081

Non-Gov Permit Affiliation Type Desc:	DMR Mailing Address
Non-Gov Permit Org Formal Name:	TABS CONSULTING GROUP INC
Non-Gov Permit Street Address:	UNIVERSAL USED AUTO PARTS INC
Non-Gov Permit Supplemental Location:	2 52ND ST, BOX B11
Non-Gov Permit City:	BROOKLYN
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	11232
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	UNIVERSAL USED AUTO PARTS INC
Non-Gov Facility Street Address:	UNIVERSAL USED AUTO PARTS INC
Non-Gov Facility Supplemental Location:	1931 FLUSHING AVE
Non-Gov Facility City:	RIDGEWOOD
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11385
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

Name:	UNIVERSAL USED AUTO PARTS INC
Address:	1931 FLUSHING AVE
City,State,Zip:	RIDGEWOOD, NY 11385
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY081

Non-Gov Permit Affiliation Type Desc:	Permittee
Non-Gov Permit Org Formal Name:	UNIVERSAL USED AUTO PARTS INC
Non-Gov Permit Street Address:	1931 FLUSHING AVE
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	RIDGEWOOD
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	11385

UNIVERSAL USED AUTO PARTS INC (Continued) **S108146179**

Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	UNIVERSAL USED AUTO PARTS INC
Non-Gov Facility Street Address:	UNIVERSAL USED AUTO PARTS INC
Non-Gov Facility Supplemental Location:	1931 FLUSHING AVE
Non-Gov Facility City:	RIDGEWOOD
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11385
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

Name:	UNIVERSAL USED AUTO PARTS INC
Address:	1931 FLUSHING AVE
City,State,Zip:	RIDGEWOOD, NY 11385
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY081

Non-Gov Permit Affiliation Type Desc:	Not reported
Non-Gov Permit Org Formal Name:	Not reported
Non-Gov Permit Street Address:	Not reported
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	Not reported
Non-Gov Permit State Code:	Not reported
Non-Gov Permit Zip Code:	Not reported
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	UNIVERSAL USED AUTO PARTS INC
Non-Gov Facility Street Address:	UNIVERSAL USED AUTO PARTS INC
Non-Gov Facility Supplemental Location:	1931 FLUSHING AVE
Non-Gov Facility City:	RIDGEWOOD
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11385
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

AB267 **A & G USED AUTO PARTS INC D/B/A PART ARE US** **NY SWF/LF** **S123680353**
SSE **1937B FLUSHING AVENUE** **N/A**
1/4-1/2 **RIDGEWOOD, NY 11385**
0.472 mi.
2494 ft. **Site 2 of 3 in cluster AB**

Relative: SWF/LF:
Higher

Name:	A & G USED AUTO PARTS INC D/B/A PART ARE US
Address:	1937B FLUSHING AVENUE
City,State,Zip:	RIDGEWOOD, NY 11385
Flag:	INACTIVE

Actual:
32 ft.

A & G USED AUTO PARTS INC D/B/A PART ARE US (Continued) **S123680353**

Region Code:	2
Phone Number:	7184973900
Owner Name:	A & G Used Auto Parts Inc D/B/A Part Are Us
Owner Type:	Private
Owner Address:	1937-B Flushing Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Ridgewood, NY 11385
Owner Email:	agautodism@aol.com
Owner Phone:	7184973900
Contact Name:	George Kirschbaum
Contact Address:	1937 B Flushing Avenue
Contact Addr2:	Not reported
Contact City,St,Zip:	Ridgewood;, NY 11385
Contact Email:	Agautodism@aol.com
Contact Phone:	7184973900
Activity Desc:	Vehicle Dismantling Facility
Activity Number:	[7070016]
Active:	No
East Coordinate:	591413
North Coordinate:	4507448
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Waste Type:	Not reported
Authorization #:	Not reported
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	A & G Used Auto Parts Inc D/B/A Part Are Us
Operator Type:	Private
Laste Date:	Not reported

Name:	A & G USED AUTO PARTS INC D/B/A PART ARE US
Address:	1937B FLUSHING AVENUE
City,State,Zip:	RIDGEWOOD, NY 11385
Flag:	ACTIVE
Region Code:	2
Phone Number:	7184973900
Owner Name:	A & G Used Auto Parts Inc D/B/A Part Are Us
Owner Type:	Private
Owner Address:	1937-B Flushing Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Ridgewood, NY 11385
Owner Email:	agautodism@aol.com
Owner Phone:	7184973900
Contact Name:	George Kirschbaum
Contact Address:	1937 B Flushing Avenue
Contact Addr2:	Not reported
Contact City,St,Zip:	Ridgewood;, NY 11385
Contact Email:	Agautodism@aol.com
Contact Phone:	7184973900
Activity Desc:	VDF - large - registration
Activity Number:	[41V50001]
Active:	Yes
East Coordinate:	591468
North Coordinate:	4507478
Accuracy Code:	4.2 - Utilization of GIS and existing spatial data
Regulatory Status:	Registration
Waste Type:	Mix Coolant/Engine Oil/Washing Fluid/Water;End of Life

A & G USED AUTO PARTS INC D/B/A PART ARE US (Continued) **S123680353**

Vehicles;Lead-acid Batteries;Engine Coolant/Antifreeze
Authorization #: 41V50001
Authorization Date: 10/31/2019
Expiration Date: 10/30/2024
Operator Name: A & G Used Auto Parts Inc D/B/A Part Are Us
Operator Type: Private
Laste Date: Not reported

AB268 **A & G USED AUTO PARTS** **NY SWF/LF** **S123680354**
SSE **1937 FLUSHING AVE** **N/A**
1/4-1/2 **RIDGEWOOD, NY 11385**
0.472 mi.
2494 ft. **Site 3 of 3 in cluster AB**

Relative: **Higher**
Actual: **32 ft.**

SWF/LF:
Name: A & G USED AUTO PARTS
Address: 1937 FLUSHING AVE
City,State,Zip: RIDGEWOOD, NY 11385
Flag: INACTIVE
Region Code: 2
Phone Number: Not reported
Owner Name: Not reported
Owner Type: Not reported
Owner Address: Not reported
Owner Addr2: Not reported
Owner City,St,Zip: Not reported
Owner Email: Not reported
Owner Phone: Not reported
Contact Name: Not reported
Contact Address: Not reported
Contact Addr2: Not reported
Contact City,St,Zip: Not reported
Contact Email: Not reported
Contact Phone: Not reported
Activity Desc: Vehicle Dismantling Facility
Activity Number: Not reported
Active: No
East Coordinate: 591411
North Coordinate: 4507456
Accuracy Code: Not reported
Regulatory Status: Not reported
Waste Type: Not reported
Authorization #: Not reported
Authorization Date: Not reported
Expiration Date: Not reported
Operator Name: Not reported
Operator Type: Not reported
Laste Date: Not reported

X269 **56-05 GRAND AVENUE** **NY LTANKS** **S101508960**
East **56-05 GRAND AVENUE** **N/A**
1/4-1/2 **MASPETH, NY**
0.477 mi.
2519 ft. **Site 2 of 2 in cluster X**

Relative:
Higher

Actual:
19 ft.

LTANKS:

Name:	56-05 GRAND AVENUE
Address:	56-05 GRAND AVENUE
City,State,Zip:	MASPETH, NY
Spill Number/Closed Date:	9404494 / 1995-10-23
Facility ID:	9404494
Site ID:	230328
Spill Date:	1994-06-30
Spill Cause:	Tank Failure
Spill Source:	Non Major Facility > 1,100 gal
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	1994-06-30
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1994-10-04
Spill Record Last Update:	2005-07-19
Spiller Name:	Not reported
Spiller Company:	BULOVA WATCH CO
Spiller Address:	56-05 GRAND AVENUE
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	189825
DEC Memo:	""
Remarks:	"DISCOVERED DURING EXCAVATION OF U/G FUEL LINE- TO PICK SOIL. SPOKE TO BOB DECK-5,000 GAL TANK NOT REGISTERED. PTC WAS TESTING SYSTEM LINE FAILED DUG UP LINE & REMOVED SOIL."

All Materials:

Site ID:	230328
Operable Unit ID:	1001575
Operable Unit:	01
Material ID:	381106
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	L
Recovered:	.00
Oxygenate:	Not reported

270
NE
1/4-1/2
0.478 mi.
2523 ft.

EVANS CONTAINER CORP.
NE CORNER OF 56 ST.& 56 DR.
MASPETH, NY 11378

NY SWF/LF **S105841775**
N/A

Relative:
Higher

Actual:
17 ft.

SWF/LF:

Name:	EVANS CONTAINER CORP.
Address:	NE CORNER OF 56 ST.& 56 DR.
City,State,Zip:	MASPETH, NY 11378
Flag:	INACTIVE
Region Code:	2
Phone Number:	7189370707
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	PETER EVANGELISTA
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	Transfer station - permit
Activity Number:	[41T35]
Active:	No
East Coordinate:	592900
North Coordinate:	4514700
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Waste Type:	Not reported
Authorization #:	2-6301-00059
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

AA271
NW
1/4-1/2
0.479 mi.
2531 ft.

MANYA CORPORATION F.K.A KALEX CORP
235 GARDNER AVENUE
BROOKLYN, NY 11211
Site 2 of 2 in cluster AA

NY LTANKS **U002034149**
NY UST **N/A**
NY CBS
NY AST

Relative:
Higher

Actual:
26 ft.

LTANKS:

Name:	KALEX CHEMICAL PRODUCTS
Address:	235 GARDNER AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9002646 / 1992-10-02
Facility ID:	9002646
Site ID:	296438
Spill Date:	1990-06-06
Spill Cause:	Tank Test Failure
Spill Source:	Unknown
Spill Class:	C4
Cleanup Ceased:	1992-10-02
SWIS:	2401

MANYA CORPORATION F.K.A KALEX CORP (Continued) **U002034149**

Investigator:	BATTISTA
Referred To:	Not reported
Reported to Dept:	1990-06-07
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1990-06-13
Spill Record Last Update:	2002-11-13
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	206083
DEC Memo:	""
Remarks:	"8K TANK FULL OF #4 F.O. TO PLUG & E I & R"

All TTF:

Facility ID:	9002646
Spill Number:	9002646
Spill Tank Test:	1537161
Site ID:	296438
Tank Number:	Not reported
Tank Size:	0
Material:	0002
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	296438
Operable Unit ID:	942647
Operable Unit:	01
Material ID:	437388
Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	L
Recovered:	.00
Oxygenate:	Not reported

MANYA CORPORATION F.K.A KALEX CORP (Continued) **U002034149**

Name:	MANYA CORPORATION
Address:	235 GARDNER AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9909043 / 2005-10-07
Facility ID:	9909043
Site ID:	296439
Spill Date:	1999-10-25
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	hmdudek
Referred To:	Not reported
Reported to Dept:	1999-10-25
CID:	282
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1999-10-25
Spill Record Last Update:	2005-10-07
Spiller Name:	LAWRENCE BRUNT
Spiller Company:	MANYA CORPORATION
Spiller Address:	235 GARDNER AVE
Spiller County:	001
Spiller Contact:	N/A
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	206083
DEC Memo:	"10/7/05 - Site Visit 10/5/05. Decorama has occupied building since 2/05. Talked to consultant - Spill not petroleum, thought to be chemical."
Remarks:	"THEY WERE IN THE PROCESS OF REMOVING TANK FROM A CLOSED BUSINESS AND FOUND CONTAMINATION IN THE GROUND"

All Materials:

Site ID:	296439
Operable Unit ID:	1083649
Operable Unit:	01
Material ID:	298140
Material Code:	0064A
Material Name:	unknown material
Case No.:	Not reported
Material FA:	Other
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	KALEX CHEMICAL PRODUCTS
Address:	235 GARDNER AVENUE
City,State,Zip:	BROOKLYN, NY

MANYA CORPORATION F.K.A KALEX CORP (Continued) **U002034149**

Spill Number/Closed Date:	8808903 / 2004-07-06
Facility ID:	8808903
Site ID:	251434
Spill Date:	1989-02-14
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	RWAUSTIN
Referred To:	Not reported
Reported to Dept:	1989-02-15
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1989-02-21
Spill Record Last Update:	2004-07-06
Spiller Name:	Not reported
Spiller Company:	KALEX CHEMICAL PRODUCTS
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	206083
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was AUSTIN 10/10/95: This is additional information about material spilled from the translation of the old spill file: DIISODECYLTHALATE. 7/6/04 - AUSTIN - TRANSFERRED FROM GRATHWOL - CLOSED AND REFERRED TO SPILL #9909043 - END"
Remarks:	"3200 GALLON UNDERGROUND TANK FAILED PRECISON TEST,SYSTEMS TEST, LEAK RATE WAS 0.188GPH, TANK HAS BEEN EMPTIED & PRODUCT REMOVED TO ANOTHER TANK."

All TTF:

Facility ID:	8808903
Spill Number:	8808903
Spill Tank Test:	1535174
Site ID:	251434
Tank Number:	Not reported
Tank Size:	0
Material:	Not reported
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

MANYA CORPORATION F.K.A KALEX CORP (Continued) **U002034149**

Name:	KALEX CHEMICAL PRODUCTS
Address:	235 GARDNER AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9405227 / 1994-07-17
Facility ID:	9405227
Site ID:	251435
Spill Date:	1994-07-17
Spill Cause:	Tank Overfill
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C3
Cleanup Ceased:	1994-07-17
SWIS:	2401
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	1994-07-17
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Fire Department
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1994-10-14
Spill Record Last Update:	2002-11-13
Spiller Name:	Not reported
Spiller Company:	KALEX CHEMICAL PRODUCTS
Spiller Address:	235 GARDNER AVENUE
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	206083
DEC Memo:	""
Remarks:	"NYCFD/DEC RESPONDED TO SPILL, INSPECTED CLEANUP WHICH IS NEARLY COMPLETE BY FOLLOWING DAY. SPILL CONTAINED INSIDE , CLEANUP BY KALEX."
	Not reported

All Materials:

Site ID:	251435
Operable Unit ID:	1002417
Operable Unit:	01
Material ID:	381822
Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	150.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

UST:

Name:	MANYA CORPORATION F.K.A KALEX CORP
Address:	235 GARDNER AVENUE

MANYA CORPORATION F.K.A KALEX CORP (Continued) **U002034149**

City,State,Zip: BROOKLYN, NY 11211
Id/Status: 2-472689 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 590697.55086
UTM Y: 4507649.89008
Site Type: Other

Affiliation Records:

Site Id: 20752
Affiliation Type: Facility Owner
Company Name: MANYA CORPORATION F.K.A. KALEX CORP.
Contact Type: CHIEF FINANCIAL OFFICER
Contact Name: MARK KAUFMAN
Address1: 235 GARDNER AVENUE
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11211
Country Code: 001
Phone: (973) 616-9700
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 2005-07-12

Site Id: 20752
Affiliation Type: Mail Contact
Company Name: HEROLD AND HAINES, P.A.
Contact Type: Not reported
Contact Name: ANTHONY J. REITANO, ESQ.
Address1: 25 INDEPENDENCE BOULEVARD
Address2: Not reported
City: WARREN
State: NJ
Zip Code: 07059
Country Code: 001
Phone: (908) 647-1022
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 2005-07-12

Site Id: 20752
Affiliation Type: Facility Operator
Company Name: MANYA CORPORATION F.K.A KALEX CORP
Contact Type: Not reported
Contact Name: N/A
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: N/A
EMail: Not reported

MANYA CORPORATION F.K.A KALEX CORP (Continued) **U002034149**

Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	2005-07-12
Site Id:	20752
Affiliation Type:	Emergency Contact
Company Name:	MANYA CORPORATION F.K.A. KALEX CORP.
Contact Type:	Not reported
Contact Name:	N/A
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	N/A
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	2005-07-12

Tank Info:

Tank Number:	001
Tank ID:	37188
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	8000
Install Date:	Not reported
Date Tank Closed:	10/25/1999
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)
Tightness Test Method:	14
Date Test:	07/01/1994
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	KXTANG
Last Modified:	04/14/2017

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
L09 - Piping Leak Detection - Exempt Suction Piping
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

CBS:

Name: MANYA CORPORATION F.K.A. KALEX CHEMICAL PRODUCTS,

MANYA CORPORATION F.K.A KALEX CORP (Continued) **U002034149**

Address:	235 GARDNER AVENUE
City,State,Zip:	BROOKLYN, NY 11211
CBS Number:	2-000022
Program Type:	CBS
Facility Status:	Unregulated/Closed
Expiration Date:	Not reported
Dec Region:	2
UTMX:	590670.06630
UTMY:	4507598.59947

AST:

Name:	MANYA CORPORATION F.K.A. KALEX CHEMICAL PRODUCTS,
Address:	235 GARDNER AVENUE
City,State,Zip:	BROOKLYN, NY 11211
Region:	STATE
DEC Region:	2
Site Status:	Unregulated/Closed
Facility Id:	2-000022
Program Type:	CBS
UTM X:	590670.06630
UTM Y:	4507598.59947
Expiration Date:	N/A
Site Type:	Manufacturing (Other than Chemical)/Processing

Tank Info:

Tank Number:	3B
Tank Id:	182819
Tank Location:	Aboveground in subterranean vault with access for inspections..... Tank in subterranean vault but accessible for inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	04/01/1968
Capacity Gallons:	3600
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	10/01/1999
Register:	True
Modified By:	CBSInit
Last Modified:	03/21/2005
Material Name:	Not reported

Tank Number:	6B
Tank Id:	190367
Tank Location:	Aboveground in subterranean vault with access for inspections..... Tank in subterranean vault but accessible for inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Tank Converted to Non-Regulated Use
Pipe Model:	Not reported
Install Date:	04/01/1968
Capacity Gallons:	3600
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported

MANYA CORPORATION F.K.A KALEX CORP (Continued) **U002034149**

Date Tank Closed:	Not reported
Register:	True
Modified By:	CBSInit
Last Modified:	03/21/2005
Material Name:	Not reported

Tank Number:	8
Tank Id:	182820
Tank Location:	Aboveground in subterranean vault with access for inspections..... Tank in subterranean vault but accessible for inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	04/01/1968
Capacity Gallons:	10000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	10/01/1999
Register:	True
Modified By:	CBSInit
Last Modified:	03/21/2005
Material Name:	Not reported

272
SE
1/4-1/2
0.482 mi.
2545 ft.

METRO GAS INC.
50-02 METROPOLITAN AVE
RIDGEWOOD, NY 11385

NY LTANKS **U001837773**
NY UST **N/A**
NY AST

Relative:
Higher

Actual:
35 ft.

LTANKS:

Name:	GAS STATION - CITGO -MTBE
Address:	50-02 METROPOLITAN AVENUE
City,State,Zip:	RIDGEWOOD, NY 11385
Spill Number/Closed Date:	8801980 / 2017-11-29
Facility ID:	8801980
Site ID:	242158
Spill Date:	1988-06-02
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station or other PBS Facility
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	AXDORONO
Referred To:	CASE CLOSED
Reported to Dept:	1988-06-03
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1988-06-08
Spill Record Last Update:	2017-11-29
Spiller Name:	Not reported

METRO GAS INC. (Continued) **U001837773**

Spiller Company:	CITGO MSQ TERMINALS
Spiller Address:	311 NORMAN AVE
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	19284
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was SUN 04/12/04 TRANSFERRED FROM SULLIVAN TO SUN. 12/16/2005 - Feng - Reassigned from Sun to Feng as per Sun. (RJF) 10/30/06 Reassigned from Tang to Sun. (MS) 1/25/07: Sun sent letter (TCR and TTF) certified mail to Mehar Singh (Steve's Service Station), 50-02 Metropolitan Ave, Ridgewood, on 1/25/07 requiring that the following be submitted to the NYSDEC by 3/16/07: 1. Tank closure assessment report. 2. Locations of tank and/or line test failure. 3. Subsurface investigation report, including current and historical soil and groundwater analysis. 4. Surrounding property sketch: A surrounding property sketch including property layout and usage must be submitted to NYSDEC. North arrow and scale must also be included on the site plan. If no tank closure report was prepared or no subsurface investigation was conducted before, the Department requires the following be performed and submitted: 1. Submission of a Tank Closure & Site Assessment Including Soil and Groundwater Investigation Results. (JS/MS) 3/5/07: Received report from Mehar Singh (tel# 718.456.6189), however documents are only for a Stage II Vapor Recovery test (pass) performed in 2005. No additional documentation regarding tank closures in 1999. MS left message on above voicemail. Return call from Jagdeep (718.343.0098), she will send TCR documents asap. (JS/MS) 5/31/07: RP recently suffered heart attack and is in hospital. DEC grants extension for submittal of documents to end of 8/2007. (JS/MS) 8/1/07: MS spoke to Jagdeep who stated that TCR was performed by company that is no longer in operation. She cannot obtain Report and has hired consultant to perform a site investigation. (JS/MS) 9/20/07: MS spoke to Kalgill. He will be visiting site today to locate area of former tank field. If exact location cannot be determined, sanborn maps will be obtained. Once location is marked out, borings will be installed and soil and groundwater samples will be collected to ensure proper closure of former tanks. (MS/JS) 1/15/08: MS left message for Kalgill. 4/15/08: Kal Gill is at site taking soil samples. Geoprobe hit refusal at 24 feet. Will try to get groundwater for VOC (40mL) though unsure if SVOC sampling is possible (requires 1L). (JS/MM) 08/07/08: Spill transferred to Kolleeny/Mandac. - JK 10/03/08: Received SIR from EG&R after being late several months. Only soil borings taken, hit drilling refuse. SIWP from EG&R recommends installing 3 monitoring wells using hollow stem auger. Approved SIWP (JK/MM) 11/26/08: Received pdf of Remedial Investigation Work Plan by EG&R Envt'l Svcs. on 11/21/08 by email from Kal Gill of EG&R (in eDocs); received hard copy on 11/26/08. - JK 12/03/08: RIWP by EG&R approved. Letter sent to Mr. Singh. Revised Figure 2 - Proposed Monitoring Well Locations in eDocs. Figure had MW-3 two times and no MW-2. Remedial Investigation Report due 3/25/09.(JK/KG) 03/23/09: Spoke to Kal Gil and he said he would need an extension to submit the report. The wells were not installed because they hit refusal a couple of times. Tomorrow, when he returns to the office he will submit a request for an extension via email. (JK/KG) 04/21/09: Rec'd call from Kal Gil. He

METRO GAS INC. (Continued) **U001837773**

stated that the wells still have not been installed and the owner plans to remove one of the USTs soon. He will keep me updated me with UST removal and well installation. (JK/KG) 06/01/09: Rec'd call from Kal Gil inquiring about how many samples should be collected if pulling a 550-gallon waste oil tank. I told him he would need to collect a soil sample from each sidewall of excavation and one from bottom of excavation. If water is encountered then a groundwater sample should be collected as well. Samples should be analyzed for TAGM 4046 list of fuel oil parameters. He said there may also be a heating oil tank on-site. He will send me a work plan for removal of tanks. I asked if a PBS registration form was submitted and he said that contractor pulling tanks would be taking care of forms. (JK/KG) 06/04/09: Spoke to Kal Gil, he said the site owner has not yet confirmed that they want the tank(s) pulled. (JK/KG) 06/17/09: Rec'd call from Kal Gil, he said he has not recieved the approval from the site owner to proceed with installing the wells or for the removal of one of the USTs. He said he is meeting with the owner on 6/20 and will call me on 6/22 with an update. Tried to call Jagdeep at 718-343-0098, but mailbox would not accept messages. Called Mehar Singh at 718-456-6189 and left a message. (JK/KG) 06/25/09: Kolleeny spoke to Donna of ABC Tank Cleaning (abctankinc@aol.com). Donna called to inform DEC that fuel oil and/or waste oil tanks would be closed and removed. Kolleeny sent email to Donna regarding their conversation. Hi Donna, Nice speaking with you this morning. As we discussed, once you have removed tanks, excavated as much contaminated soil (if present) as possible, reported new spill (if applicable), taken end-point sidewall and bottom samples from excavation, received lab results, written tank closure report, and received your client's approval to send report to DEC, please email report to me as a pdf file. (JK/KG) 07/02/09: Kal Gil called and said he had not been given approval for tank removal, but had approval for well install'ns. He said he was waiting for tanks to be removed prior to installing wells. Need to call RP, as approved work plan needs to be implemented. (JK/KG) 07/09/09: Kal Gil called on 7/8 and stated that the wells will be installed and he is scheduling the site work. (JK/KG) 07/13/09: Kal Gil called and said the tank removal is scheduled for 7/23/09. (JK/KG) 08/06/09: Kal Gil called; the tank was not removed due to rain and is scheduled for 8/7. (JK/KG) 08/10/09: Rec'd phone message from Kal Gil stating that two tanks were removed on 8/7/09. (JK/KG) 09/03/09: Spoke to Kal Gil, he said EGR will be submitting the tank closure report. I asked him about the wells that need to be installed and he said he needs to contact the drilling company. I asked him if he was waiting for the RP to approve the work and he said he was not waiting for anything from the RP, but had been waiting for the tanks to be removed prior to implementing the approved work plan. Need to follow up with RP if site investigation is not scheduled/conducted.(JK/KG) 10/09/09: Spoke to Kal Gil on 10/8/09 about sites with overdue investigations reports; asked him to send emails explaining delays at these sites. Received email from him: Mr. Kolleeny: As I explained, we recently removed one regulated UST and one non-regulated UST at 50-02 Metropolitan Ave. to accomplish closure of these tanks. We are currently in process of preparing tank closure rpt. Soil sampling indicated that there were no impacts to soil beneath these tanks. Previously, as we informed you, we attempted to install a monitoring well at this facility to determine impacts of former USTs (closed in 1999) to groundwater from former USTs. During drilling, we penetrated as far as 25 feet and

METRO GAS INC. (Continued) **U001837773**

encountered refusal. As you suggested, we tried at 3 separate locations, but did not encounter groundwater. In view of this, we terminated drilling. However, we conducted soil sampling in all 3 borings to determine horizontal & vertical extent of soil contamination. Based on available geological & hydrogeological information, groundwater in area occurs at depth of 50 ft or more. We intend to install deep monitoring well in downgradient direction of former tank excavation. If you have any questions, please contact me. Thank you for your cooperation. - J. Kolleeny 10/13/09: Sent email to Kal Gill of E G & R Environmental: Please provide estimate of when tank closure rpt will be submitted and when deep, down-gradient monitoring well will be installed. Also, please provide email address for your client Mr. Mehar Singh, RP for this spill, so that I can copy him on correspondence regarding this spill case. - J. Kolleeny 11/03/2009: This spill case was transferred to A. Doronova. - AD 12/22/2009: Received an e-mail from Kal Gill saying: Please find attached the report for the Removal/ Closure for 50-02 Metropolitan Ave. A hard copy of the report will be mailed to your office. If you have any questions please contact our office at (732)690-0659. Sincerely, Kal Gill Environmental Engineer/ Project Manager E G & R Environmental (A Division of Universe Resources LLC) 45 Julie Court Somerset, NJ 0887 AD 12/28/2009: Received a hard copy of the UST Removal/Closure report. Will review. AD 02/18/2010: Reviewed the report. It states that on August 7, 2009, one 550 gallon waste oil UST and one 550 gallon heating oil UST were removed from the site. End-point soil samples were collected only from waste oil UST excavation. PID readings were non detect. Analytical results for these samples did not indicated elevated concentrations of VOCs or SVOCs. GW was not encountered in the excavations. based on the soil sampling results, EG&R recommends no further actions for the area of former waste oil UST. AD 06/01/2010: Called and left a message to Mr. Gill of EGR Env. AD 09/12/2011: Called and spoke with Mr. Gill regarding the site. He said that they were not able to install monitoring wells using an auger and hit refusal at 24 feet bgs. He said that depth to regional groundwater is about 50 feet bgs. According to the DEC spill report, this case was opened in reference to a gasoline spill. Initial investigation confirmed soil contamination at 14-15’ bgs at soil boring SB-04 near former and new USTs field. Mr. Gill will look through his files and will call back. AD 02/2012: Sent an e-mail to Mr. Gill requesting site status update info. AD 11/2015: Tried to contact Mr. Gill. Left a message. AD 12/09/2016: Looked for the info for the site in PBS database. There are new phone numbers for the site owner: Sige Realty, Inc. 1475 Franklin Ave Garden City, NY 10121 (516)742-3900 Will contact them. AD 02/07/2017: Called and spoke with Mr. Goldstein of Sige Realty Inc. (516)742-3900. He told me that they have a new site operator. His name is Joseph Macchia (516)933-0700. Had a conference call with both parties. Explained that the spill case for the site is still open, since investigation was not completed at the site, and no wells were installed. Gave my contact information. AD 07/05/2017: Received the following e-mail from Mr. Halpin: Ms. Doronova I just wanted to touch base with you and confirm receipt of this email. I m the PM for the subject site and recently drafted a UST Closure Report for old UST s and one (1) abandonment in place. Please confirm receipt of this email and I will reply with an electronic PDF copy of the UST closure Report. Thank You Justin Halpin Project Manager/Environmental Scientist Berninger Environmental A WRS Environmental Services

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Company Sent him the confirmation e-mail. Later received the next e-mail: Great thank you! Please see the attached UST closure Report for subject site. Justin Halpin Project Manager/Environmental Scientist Berninger Environmental A WRS Environmental Services Company Will review the submitted documents. AD 08/04/2017: Reviewed the report. It summarizes the activities associated with the excavation, uncovering, and removal of six (6) newly discovered 550 gallon underground storage tanks (UST s), along with all the equipment and piping associated with the USTs. This project was originally for the purpose of installing a new 10,000 gallon UST, before the six tanks within two concrete vaults were discovered. On May 18, 2017 BEI provided technical direction and oversight during the removal of the newly discovered USTs, which was conducted by Gemstar Construction, Inc. Soil excavation was also conducted by Gemstar and soil was properly disposed of at Soil Safe Inc. Upon removal of the UST s, endpoint sampling was conducted at each tank pit and submitted for lab analysis. The Report also provides a brief discussion on the abandoned 4,000 gallon diesel UST (PBS-001), which was closed in place. Upon preparing for the installation of the new UST, six (6) additional steel 550 gallon tanks were discovered and removed on May 17, 2017. These tanks do not appear to be listed on the NYS-DEC Bulk Storage Database for this property. The tank removal, oversight, and sampling took place during May 16th, 2017 through May 18th, 2017. The six (6) newly discovered USTs were located on the east side of the subject property and to the west of Troutman Avenue. The six (6) steel UST s were installed side by side north to south and were installed within concrete vaults. All of the tanks contained either gasoline or diesel fuel. The USTs contained water that had leaked in from the top of the vault, which was removed and properly disposed of. The USTs were 6 feet in length and 4 feet in diameter and all six (6) USTs appeared to be in excellent condition upon removal. All tanks appeared to be in excellent condition and no signs of fuel leakage were observed, nor did the bottom of the concrete encasement show any signs of leakage. Soil samples were collected upon tanks removal. A total of four (4) samples were obtained from under the tanks. Three samples were collected from locations within the concrete vaults from between and underneath each set of USTs. One sample was taken outside of the concrete vault area. All samples obtained from UST areas are labeled as follows; S-1, S-2, S-3/4, S-5/6. S-1 had a PID reading of 891 ppm, S-2 had a PID of 755 ppm, S-3/4 had a reading of 590 ppm, and S-5/6 had a reading of 1057 ppm. Approximately 408.58 tons of contaminated soil was transported to special facility on May 30, 2017. The analytical data revealed that samples collected at locations surrounding/underneath the USTs (S-1, S-2, S-3/4, S-5/6) detected some minor concentrations of both VOCs and SVOCs, but none of the concentration levels exceeded any of their respective NYSDEC Part 375 SCOs. Conclusions and Recommendations: Six 550 gallon USTs, all equipment and piping associated with the tanks were removed from the the above referenced subject property. Excavation and removal activities began on May 16th, 2017 and concluded on May 18th, 2017. Laboratory analysis of all endpoint soil samples collected from areas surrounding the USTs confirmed the presence of petroleum related impacts, but nothing exceeded the New York State Part-375 SCO s. Given the elevated PID readings on the soil and the nuisance odors, approximately 408.58 tons of soil was excavated from the site and properly disposed of at the Soil Safe facility. Based upon the

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laboratory results from the endpoint samples (all below SCO s) and the remedial action (soil excavation) performed, BEI would like to request closure of the NYS spill case # 88-01980. The 6 USTs removed from this site were newly found tanks and were not known at the time when this spill case was reported. The spill was reported when 12 550-gallon tank system failed the tightness test. The case remains open due to an absence of the groundwater data. I also checked this property on our PBS database and it looks like it is not up to date. Called and spoke with Mr. Halpin. Informed him about the PBS records and told him that the recently removed tanks are not associated with the case. Sent him an e-mail. Will discuss the site with J. Kolleeny. AD 09/28/2017: Sent the following e-mail to Mr. Halpin: Hi Justin, I have reviewed the report. The tanks removed in 2017 do not relate to this spill case. The case remains open due to an absence of the groundwater data. I will discuss this site with my supervisor and will inform you on our decision. I also checked this property on our PBS database and it looks like it is not up to date. Please inform your client that he should update all changes to it in a timely manner to avoid fees. Regards, Ainura Doronova - Environmental Engineer AD 11/03/2017: I was forwarded the following e-mail from Mr. Aversa of Albany office: Joe Follow up to our phone discussion regarding six 550 gallon USTs recently discovered and removed under spill # 8801980 for this location. Attached is a pre-printed PBS application. Please add/close the tanks on Section B, 1 tank per line, fill In columns 1-8, and return the completed PBS application (Sections A, B and C)to DEC Region 2 (address pre-printed on top of Section A). No fee is required, unless property ownership has changed since the last registration. Mark any needed corrections. Include a cover letter noting the tank closure/site assessment report has already been provided to the spills case manager. Jack A. Aversa Chief, Registration and Permits Section NYS DEC Division of Environmental Remediation 625 Broadway, 11th Floor Albany, NY 12233-7020 Email: jack.aversa@dec.ny.gov Ph: 518 402-9553 Fax: 518 402-9577 AD 11/08/2017: Called and spoke with Mr. Halpin. Requested to submit a spill closure request with the summary of the all performed actions at the site which should include a site map with depiction of all site-related USTs, current and former. AD 11/15/2017: Received the following e-mail from Mr. Halpin: Ms. Doronova Please see the attached NFA request letter based upon our recent phone conversation outlining all of your requirements. Thank You Justin Halpin Project Manager/Environmental Scientist Berninger Environmental A WRS Environmental Services Company Will review. AD 11/22/2017: Looked at the letter report. It states that while excavating for the new tank installation, six (6) 550 gallon steel UST s were discovered, excavated and removed. The six (6) newly discovered steel UST s were contained in concrete vaults that were also removed during the excavation. Endpoint sampling was conducted at four (4) locations across the span of the excavation. Lab data for each of the endpoint samples collected did not indicate any detections of VOC s (8260) or SVOC s (8270) above unrestricted use Part-375 soil cleanup objectives (SCOs). Approximately 408.58 tons of soil was excavated from tank pit and properly disposed of. The depth to water in this area is expected to be in the 40'+ range with previous attempts by other consultants to collect groundwater samples ending in failure due to multiple refusals, possibly bedrock encounters. Due to the deep nature of the groundwater table, groundwater impacts at this depth are unlikely and the large volume

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of source removal (excavation of 408 tons of soil) would prevent any potential future leaching of soil contamination to the underlying aquifer. Based upon the fact that all endpoint sampling data was documented below the unrestricted Part-375 SCOs, the large volume of source material removed/disposed and depth to water at 40'+ below grade, the site in it s current condition is believed to no longer possess any adverse effects to human health or the environment, therefore, closure of the active spill case (88-01980) is requested by the consultant. The submitted site map indicated current and former locations of all site-related USTs. AD 11/27/2017: Discussed the site with J. Kolleeny of DEC. This spill case was reported back in 1988, when 12 550-gallon USTs system failed the tightness test. All these tanks were removed in 1999, but no UST closure report was provided to DEC at that time, and 2 new 4,000-gallon USTs were installed in the same place. Subsurface investigation around the former UST area in 2008, revealed some SVOCs contamination above standards. No groundwater was encountered during the investigation. Refusals were met around 15-20' intervals. Regional groundwater is around 50' deep. 2 550-gallon UST were removed from the site in 2009. No soil contamination was detected in the end-point soil samples. 6 550-gallon UST were discovered and removed in 2017. Approximately 400 tons of soil was excavated and removed off-site. No elevated levels of VOCs were detected in post-excavation end-point soil samples. Based on the lab result and significant depth to regional groundwater, the consultant recommended closure of the spill case. Taking into consideration the submitted data, it was decided to approve closure request. AD 11/29/2017: Issued and sent a closure approval letter to Mr. Goldstein of Sige Realty Inc.: Lon Goldstein Sige Realty, Inc 1475 Franklin Avenue Garden City, NY 10121 GROLTD@MSN.COM This contact info was provided by Mr. Halpin. Case closed. AD "

Remarks: "(12) 550 GALLON TANKS WERE TESTED, INITIAL SYSTEM AIR TEST, NO LEAK RATE, WILL EXCAVATE, ISOLATE AND RETEST."

All TTF:

Facility ID:	8801980
Spill Number:	8801980
Spill Tank Test:	1534029
Site ID:	242158
Tank Number:	Not reported
Tank Size:	0
Material:	0009
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	242158
Operable Unit ID:	919311
Operable Unit:	01

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Material ID: 461110
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: L
Recovered: .00
Oxygenate: Not reported

UST:
Name: METRO GAS INC.
Address: 50-02 METROPOLITAN AVE
City,State,Zip: RIDGEWOOD, NY 11385
Id/Status: 2-402869 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 04/17/2023
UTM X: 591524.11417
UTM Y: 4507503.97694
Site Type: Retail Gasoline Sales

Affiliation Records:
Site Id: 19314
Affiliation Type: Mail Contact
Company Name: 5002 METROPOLITAN LLC
Contact Type: Not reported
Contact Name: JOSEPH MACCHIA
Address1: 556 CENTRAL AVE
Address2: Not reported
City: BETHPAGE
State: NY
Zip Code: 11714
Country Code: 001
Phone: (516) 933-0700
EMail: JOSEPH@THEMACCHIAGROUP.NET
Fax Number: Not reported
Modified By: ACDANIEL
Date Last Modified: 2018-07-24

Site Id: 19314
Affiliation Type: Facility Owner
Company Name: SIGE REALTY, INC.
Contact Type: MEMBER 5002 METROPOLITAN LLC
Contact Name: JOSEPH MACCHIA
Address1: 1475 FRANKLIN AVE.
Address2: Not reported
City: GARDEN CITY
State: NY
Zip Code: 10121
Country Code: 001
Phone: (516) -74-2-3900
EMail: Not reported
Fax Number: Not reported
Modified By: ACDANIEL

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Date Last Modified: 2018-07-23

Site Id: 19314
Affiliation Type: Facility Operator
Company Name: METRO GAS INC.
Contact Type: Not reported
Contact Name: TAHIR ZAMAN
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 456-6189
EMail: Not reported
Fax Number: Not reported
Modified By: DAFRANCI
Date Last Modified: 2019-03-07

Site Id: 19314
Affiliation Type: Emergency Contact
Company Name: SIGE REALTY, INC.
Contact Type: Not reported
Contact Name: RICHARD HEGLER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 456-6189
EMail: Not reported
Fax Number: Not reported
Modified By: TLYE
Date Last Modified: 2017-11-21

Tank Info:

Tank Number: 001
Tank ID: 22908
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 4000
Install Date: 07/01/1974
Date Tank Closed: 05/17/2017
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: 21
Date Test: 04/03/2012
Next Test Date: Not reported
Pipe Model: D
Modified By: TLYE
Last Modified: 11/21/2017

METRO GAS INC. (Continued) **U001837773**

Equipment Records:

I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
J01 - Dispenser - Pressurized Dispenser
E04 - Piping Secondary Containment - Double walled UG
A00 - Tank Internal Protection - None
B08 - Tank External Protection - Retrofitted Impressed Current
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Number:	002
Tank ID:	22909
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	07/01/1964
Date Tank Closed:	04/01/1999
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	01
Date Test:	08/01/1988
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Number:	003
Tank ID:	22910
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	07/01/1964
Date Tank Closed:	04/01/1999
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009

METRO GAS INC. (Continued) **U001837773**

Common Name of Substance: Gasoline

Tightness Test Method: 01
Date Test: 08/01/1988
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number: 004
Tank ID: 22911
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 07/01/1964
Date Tank Closed: 04/01/1999
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 01
Date Test: 08/01/1988
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None

Tank Number: 005
Tank ID: 22912
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550

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Install Date: 07/01/1964
Date Tank Closed: 04/01/1999
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 01
Date Test: 08/01/1988
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Number: 006
Tank ID: 22913
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 07/01/1964
Date Tank Closed: 04/01/1999
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 01
Date Test: 08/01/1988
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

METRO GAS INC. (Continued) **U001837773**

Tank Number:	007
Tank ID:	22914
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	07/01/1964
Date Tank Closed:	04/01/1999
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	01
Date Test:	08/01/1988
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number:	008
Tank ID:	22915
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	07/01/1964
Date Tank Closed:	04/01/1999
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	01
Date Test:	08/01/1988
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None

METRO GAS INC. (Continued) **U001837773**

I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Number:	009
Tank ID:	22916
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	07/01/1964
Date Tank Closed:	04/01/1999
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	01
Date Test:	08/01/1988
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number:	010
Tank ID:	22917
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	07/01/1964
Date Tank Closed:	04/01/1999
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	01
Date Test:	08/01/1988
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

METRO GAS INC. (Continued) **U001837773**

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number:	011
Tank ID:	22918
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	07/01/1964
Date Tank Closed:	04/01/1999
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline

Tightness Test Method:	01
Date Test:	08/01/1988
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Number:	012
Tank ID:	22919
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	07/01/1964
Date Tank Closed:	04/01/1999
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline

METRO GAS INC. (Continued) **U001837773**

Tightness Test Method: 01
Date Test: 08/01/1988
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number: 013
Tank ID: 22920
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 07/01/1964
Date Tank Closed: 04/01/1999
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 01
Date Test: 08/01/1988
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: 014
Tank ID: 22921
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 07/01/1964
Date Tank Closed: 04/01/1999

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Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping

Tank Number: 015
Tank ID: 22922
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 06/01/1964
Date Tank Closed: 08/07/2009
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D00 - Pipe Type - No Piping

Tank Number: 016
Tank ID: 56638
Tank Status: In Service

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Material Name:	In Service
Capacity Gallons:	4000
Install Date:	04/01/1999
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	2712
Common Name of Substance:	Gasoline/Ethanol
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	D
Modified By:	KXLIU
Last Modified:	02/02/2021

Equipment Records:

B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
E04 - Piping Secondary Containment - Double walled UG
J01 - Dispenser - Pressurized Dispenser
A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off
H05 - Tank Leak Detection - In-Tank System (ATG)
L02 - Piping Leak Detection - Interstitial - Manual Monitoring
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number:	017
Tank ID:	56639
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	4000
Install Date:	04/01/1999
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	2712
Common Name of Substance:	Gasoline/Ethanol
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	D
Modified By:	KXLIU
Last Modified:	02/02/2021

Equipment Records:

B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)

METRO GAS INC. (Continued) **U001837773**

I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off
E04 - Piping Secondary Containment - Double walled UG
J01 - Dispenser - Pressurized Dispenser
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
H05 - Tank Leak Detection - In-Tank System (ATG)
L02 - Piping Leak Detection - Interstitial - Manual Monitoring
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number:	018
Tank ID:	274367
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	10000
Install Date:	11/07/2017
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	KXLIU
Last Modified:	02/02/2021

Equipment Records:

B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off
E04 - Piping Secondary Containment - Double walled UG
J01 - Dispenser - Pressurized Dispenser
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
F02 - Pipe External Protection - Original Sacrificial Anode
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
H05 - Tank Leak Detection - In-Tank System (ATG)
L02 - Piping Leak Detection - Interstitial - Manual Monitoring
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number:	019
Tank ID:	274402
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	05/17/2017

METRO GAS INC. (Continued) **U001837773**

Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TLYE
Last Modified:	11/21/2017

Tank Number:	020
Tank ID:	274403
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	05/17/2017
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TLYE
Last Modified:	11/21/2017

Tank Number:	021
Tank ID:	274404
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	05/17/2017
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TLYE
Last Modified:	11/21/2017

Tank Number:	022
Tank ID:	274405
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	05/17/2017
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel

METRO GAS INC. (Continued) **U001837773**

Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TLYE
Last Modified: 11/21/2017

Tank Number: 023
Tank ID: 274406
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 05/17/2017
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TLYE
Last Modified: 11/21/2017

Tank Number: 024
Tank ID: 274407
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 05/17/2017
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TLYE
Last Modified: 11/21/2017

AST:
Name: METRO GAS INC.
Address: 50-02 METROPOLITAN AVE
City,State,Zip: RIDGEWOOD, NY 11385
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-402869
Program Type: PBS
UTM X: 591524.11417
UTM Y: 4507503.97694
Expiration Date: 04/17/2023
Site Type: Retail Gasoline Sales

METRO GAS INC. (Continued) **U001837773**

Affiliation Records:

Site Id:	19314
Affiliation Type:	Mail Contact
Company Name:	5002 METROPOLITAN LLC
Contact Type:	Not reported
Contact Name:	JOSEPH MACCHIA
Address1:	556 CENTRAL AVE
Address2:	Not reported
City:	BETHPAGE
State:	NY
Zip Code:	11714
Country Code:	001
Phone:	(516) 933-0700
EMail:	JOSEPH@THEMACCHIAGROUP.NET
Fax Number:	Not reported
Modified By:	ACDANIEL
Date Last Modified:	2018-07-24

Site Id:	19314
Affiliation Type:	Facility Owner
Company Name:	SIGE REALTY, INC.
Contact Type:	MEMBER 5002 METROPOLITAN LLC
Contact Name:	JOSEPH MACCHIA
Address1:	1475 FRANKLIN AVE.
Address2:	Not reported
City:	GARDEN CITY
State:	NY
Zip Code:	10121
Country Code:	001
Phone:	(516) -74-2-3900
EMail:	Not reported
Fax Number:	Not reported
Modified By:	ACDANIEL
Date Last Modified:	2018-07-23

Site Id:	19314
Affiliation Type:	Facility Operator
Company Name:	METRO GAS INC.
Contact Type:	Not reported
Contact Name:	TAHIR ZAMAN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 456-6189
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2019-03-07

Site Id:	19314
Affiliation Type:	Emergency Contact
Company Name:	SIGE REALTY, INC.
Contact Type:	Not reported
Contact Name:	RICHARD HEGLER

METRO GAS INC. (Continued) **U001837773**

Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 456-6189
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TLYE
Date Last Modified:	2017-11-21

Tank Info:

Tank Number:	211201
Tank Id:	228150
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
C01 - Pipe Location - Aboveground
J00 - Dispenser - None
G00 - Tank Secondary Containment - None
L00 - Piping Leak Detection - None
D09 - Pipe Type - Concrete
I05 - Overfill - Vent Whistle

Tank Location:	Partially buried tank (tank with 10% or more below ground).... Tank is less than 90% above grade, partially buried.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	02/02/2005
Capacity Gallons:	275
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	05/18/2017
Register:	True
Modified By:	TLYE
Last Modified:	11/21/2017
Material Name:	#2 fuel oil (on-site consumption)

273
SW
1/4-1/2
0.483 mi.
2549 ft.

WMNY VARICK 1 TRANSFER STATION **NY SWF/LF** **S102632777**
215 VARICK AVENUE **NY Financial Assurance** **N/A**
BROOKLYN, NY 11237

Relative:
Higher

Actual:
11 ft.

SWF/LF:

Name:	WMNY VARICK 1 TRANSFER STATION
Address:	215 VARICK AVENUE
City,State,Zip:	BROOKLYN, NY 11237
Flag:	ACTIVE
Region Code:	2

WMNY VARICK 1 TRANSFER STATION (Continued) **S102632777**

Phone Number:	7185335266
Owner Name:	Waste Management of NY; LLC
Owner Type:	Private
Owner Address:	215 Varick Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11237
Owner Email:	Not reported
Owner Phone:	7185335310
Contact Name:	Jay Kaplan
Contact Address:	215 Varick Avenue
Contact Addr2:	Not reported
Contact City,St,Zip:	Brooklyn, NY 11237
Contact Email:	jkaplan2@wm.com
Contact Phone:	7185335310
Activity Desc:	Transfer station - permit
Activity Number:	[24T66]
Active:	Yes
East Coordinate:	590448
North Coordinate:	4507405
Accuracy Code:	4.2 - Utilization of GIS and existing spatial data
Regulatory Status:	SAPA
Waste Type:	Yard Waste;MSW (Residential/Institutional & Commercial)
Authorization #:	2-6104-00010/00002
Authorization Date:	10/30/2018
Expiration Date:	10/21/2019
Operator Name:	Waste Management of NY; LLC
Operator Type:	Private
Laste Date:	Not reported

NY Financial Assurance 1:

Name:	WMNY VARICK 1 TRANSFER STATION
Address:	215 VARICK AVENUE
City,State,Zip:	BROOKLYN, NY
Owner Name:	Waste Management of NY; LLC
Region:	2
Estimate Type:	Closure
Estimate Amount:	$705,500
Estimate Date:	03/01/2001
Mechanism:	Surety bond - Performance
Mechanism Amount:	$962,450
Issue Date:	02/09/2004
Activity Number:	24T66
Activity Description:	Transfer station - permit

AC274 **ALLOCCO RECYCLING (606 MESEROLE)** **NY SWRCY** **S121133113**
South **606 MESEROLE STREET** **N/A**
1/4-1/2 **BROOKLYN, NY 11237**
0.485 mi.
2563 ft. **Site 1 of 2 in cluster AC**

Relative:
Higher

Actual:
14 ft.

SWRCY:

Name:	ALLOCCO RECYCLING (606 MESEROLE)
Address:	606 MESEROLE STREET
City,State,Zip:	BROOKLYN, NY 11237
Region:	2
Facility Address 2:	Not reported
Phone Number:	7183493094

ALLOCCO RECYCLING (606 MESEROLE) (Continued) **S121133113**

Owner Type:	Private
Owner Name:	Michael ALLOCCO
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	MIKE@alloccorecycling.com
Owner Phone:	7183493097
Contact Name:	Michael Allocco
Contact Address:	540 Kingsland Avenue
Contact Address 2:	Not reported
Contact City,St,Zip:	Brooklyn, NY 11222
Contact Email:	Not reported
Contact Phone:	7183493094
Activity Desc:	RHRF - registration
Activity Number:	[24MH2]
Active:	Yes
East Coordinate:	11111
North Coordinate:	11111
Accuracy Code:	1 - No accuracy stated
Regulatory Status:	Registration
Permit #:	Not reported
Auth. Date:	Not reported
Expiration Date:	Not reported
Waste Types:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Last Date:	10/3/2017

AC275 **MESEROLE STREET RECYCLING INC./FILIBERTO RECYCLING** **NY SWRCY** **S105838144**
South **568 MESEROLE STREET** **N/A**
1/4-1/2 **BROOKLYN, NY 11237**
0.488 mi.
2578 ft. **Site 2 of 2 in cluster AC**

Relative: **Higher**
Actual: **14 ft.**

SWRCY:

Name:	MESEROLE STREET RECYCLING INC./FILIBERTO RECYCLING
Address:	568 MESEROLE STREET
City,State,Zip:	BROOKLYN, NY 11237
Region:	2
Facility Address 2:	Not reported
Phone Number:	7184565000
Owner Type:	Private
Owner Name:	Filiberto Recycling
Owner Address:	568 Meserole Street
Owner Address 2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11237
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	RUDOLPH FILIBERTO
Contact Address:	Not reported
Contact Address 2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	RHRF - registration
Activity Number:	[24MB5]
Active:	No
East Coordinate:	590803

MESEROLE STREET RECYCLING INC./FILIBERTO RECYCLING (Continued) **S105838144**

North Coordinate: 4507257
Accuracy Code: 4.3 - Utilization of Digital Orthophoto Quads
Regulatory Status: Permit
Permit #: 2-6104-00214
Auth. Date: 3/21/2005
Expiration Date: 3/21/2010
Waste Types: Not reported
Operator Name: Not reported
Operator Type: Not reported
Last Date: Not reported

AD276 **18-51 FLUSHING AVE/QUEENS** **NY LTANKS** **S100146969**
SSE **18-51 FLUSHING AVENUE** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
0.492 mi.
2597 ft. **Site 1 of 2 in cluster AD**

Relative:
Higher

Actual:
25 ft.

LTANKS:

Name:	18-51 FLUSHING AVE/QUEENS
Address:	18-51 FLUSHING AVENUE
City,State,Zip:	NEW YORK CITY, NY
Spill Number/Closed Date:	9100841 / 2003-03-06
Facility ID:	9100841
Site ID:	268451
Spill Date:	1991-04-22
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	BATTISTA
Referred To:	Not reported
Reported to Dept:	1991-04-22
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1991-04-23
Spill Record Last Update:	2003-03-06
Spiller Name:	Not reported
Spiller Company:	FRITO-LAY
Spiller Address:	7701 LEGACY DRIVE
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	218683
DEC Memo:	""
Remarks:	"TANK PULL,OLD TANK FROM 70'S, DISCOVERED HOLES IN BOTTOM OF TANK,SHEENON WATER IN EXCAVATION,FRANKLIN CO IS DOING EXCAVATION WORK."

All Materials:

18-51 FLUSHING AVE/QUEENS (Continued) **S100146969**

Site ID:	268451
Operable Unit ID:	952122
Operable Unit:	01
Material ID:	427009
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	L
Recovered:	.00
Oxygenate:	Not reported

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277 South 1/4-1/2 0.494 mi. 2610 ft.

LEWIS FLUSHING CORP.
1819 FLUSHING AVENUE
BROOKLYN, NY

NY LTANKS **S106703215**
N/A

Relative: Higher

Actual: 18 ft.

LTANKS:

Name:	LEWIS FLUSHING CORP.
Address:	1819 FLUSHING AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	8800833 / 1993-11-05
Facility ID:	8800833
Site ID:	288930
Spill Date:	1988-04-27
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	1993-11-05
SWIS:	2401
Investigator:	BATTISTA
Referred To:	Not reported
Reported to Dept:	1988-04-27
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1988-04-29
Spill Record Last Update:	2003-01-27
Spiller Name:	Not reported
Spiller Company:	LEWIS FLUSHING CORP.
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	234005
DEC Memo:	""
Remarks:	"3,500 GALLON TANK SYSTEM FAILED PETROTITE TANK TEST AT 2.5 GALLONS PER HOUR. COULD NOT MAINTAIN LEVEL IN TEST EQUIPMENT."

LEWIS FLUSHING CORP. (Continued) **S106703215**

All TTF:

Facility ID:	8800833
Spill Number:	8800833
Spill Tank Test:	1533765
Site ID:	288930
Tank Number:	Not reported
Tank Size:	0
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	288930
Operable Unit ID:	916321
Operable Unit:	01
Material ID:	460004
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

AD278 **1884 FLUSHING AVENUE** **NY LTANKS** **S102143431**
SSE **1884 FLUSHING AVENUE** **NY Spills** **N/A**
1/4-1/2 **RIDGEWOOD, NY**
0.496 mi.
2620 ft. **Site 2 of 2 in cluster AD**

Relative:
Higher

Actual:
28 ft.

LTANKS:

Name:	1884 FLUSHING AVENUE
Address:	1884 FLUSHING AVENUE
City,State,Zip:	RIDGEWOOD, NY
Spill Number/Closed Date:	9307524 / 1995-03-31
Facility ID:	9307524
Site ID:	71544
Spill Date:	1993-09-21
Spill Cause:	Tank Overfill
Spill Source:	Gasoline Station or other PBS Facility
Spill Class:	C3
Cleanup Ceased:	1995-03-31
SWIS:	4101
Investigator:	KSTANG
Referred To:	Not reported
Reported to Dept:	1993-09-21
CID:	Not reported

1884 FLUSHING AVENUE (Continued) **S102143431**

Water Affected:	Not reported
Spill Notifier:	Local Agency
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1993-09-22
Spill Record Last Update:	2003-10-30
Spiller Name:	Not reported
Spiller Company:	CHEEMA CONTRACT.
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	67685
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TANG "
Remarks:	"FIELD PORT - RAN DOWN STREET W/ RAIN WATER - SEWER AFFECTED OVERFILLED FIELD PORT - KOON TANG ON SITE."

All Materials:

Site ID:	71544
Operable Unit ID:	988605
Operable Unit:	01
Material ID:	393784
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	L
Recovered:	.00
Oxygenate:	Not reported

SPILLS:

Name:	18-84 FLUSHING AVE.
Address:	18-84 FLUSHING AVE.
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	9209246 / 1992-11-09
Facility ID:	9209246
Facility Type:	ER
DER Facility ID:	326181
Site ID:	161416
DEC Region:	2
Spill Cause:	Deliberate
Spill Class:	C4
SWIS:	4101
Spill Date:	1992-11-09
Investigator:	O'DOWD
Referred To:	Not reported
Reported to Dept:	1992-11-09
CID:	Not reported
Water Affected:	Not reported

1884 FLUSHING AVENUE (Continued) **S102143431**

Spill Source:	Commercial/Industrial
Spill Notifier:	Local Agency
Cleanup Ceased:	1992-11-09
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1992-11-10
Spill Record Last Update:	2007-01-26
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	""
Remarks:	"DELIBERATELY DUMPING GASOLINE DOWN SEWER HAZ MAT ON SCENE DEP WILL BE RESPONDING NO CALL BACK NECESSARY"

All Materials:

Site ID:	161416
Operable Unit ID:	972898
Operable Unit:	01
Material ID:	406304
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

Name:	18-84 FLUSHING AVE.
Address:	18-84 FLUSHING AVE.
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	9209883 / 2004-04-12
Facility ID:	9209883
Facility Type:	ER
DER Facility ID:	326181
Site ID:	161417
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	D4
SWIS:	4101
Spill Date:	1992-11-24
Investigator:	SJMILLER
Referred To:	Not reported
Reported to Dept:	1992-11-24
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False

1884 FLUSHING AVENUE (Continued) **S102143431**

UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1992-11-24
Spill Record Last Update:	2007-01-26
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was S. MILLER CLOSED BY ROMMEL."
Remarks:	""

All Materials:

Site ID:	161417
Operable Unit ID:	973705
Operable Unit:	01
Material ID:	406914
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	2.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

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279 ESE 1/4-1/2 0.497 mi. 2625 ft. **SUPER TRUCK RENTAL CORP** **NY LTANKS U000396204**
59-01 55TH ST **NY UST N/A**
MASPETH, NY 11378

Relative: Higher
Actual: 39 ft.

LTANKS:

Name:	59-01 55TH ST
Address:	59-01 55TH STREET
City,State,Zip:	MASPETH, NY
Spill Number/Closed Date:	0300078 / 2006-08-21
Facility ID:	0300078
Site ID:	259427
Spill Date:	2003-04-02
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	rmpiper
Referred To:	Not reported
Reported to Dept:	2003-04-02
CID:	204
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0

SUPER TRUCK RENTAL CORP (Continued) **U000396204**

Date Entered In Computer:	2003-04-02
Spill Record Last Update:	2008-03-31
Spiller Name:	CAROL HINDERSTEIN
Spiller Company:	59-01 55TH STREET
Spiller Address:	59-01 55TH STREET
Spiller County:	001
Spiller Contact:	JIM DONELAN
Spiller Phone:	(631) 321-4670
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	212184
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was SAWYER 4/2/03 TTF LETTER SENT BY TIPPLE. PHONE REQUEST OUT TO OWNER TO CLARIFY IF TANK IS 1100 GAL AS ON REGISTRATION OR 2500 GAL AS PER SPILL REPORT. 6/24/2003-Vought- Spoke with Carol Hinderstein (516-829-5794) who is principle owner. Tenant in process of vacating building. Carol contacted Fenley & Nicol (Courtney). Tank was last in use approximately 20 years ago and is currently not in use. Electric heat in building. Fenly & Nicol will get back to her with proposal. 7/7/2003-Vought-Spoke with Carol who has hired Petroleum Tank Cleaners (718-624-4842). PTC will remove tank and take endpoint samples. For closure NYSDEC requires: 1)site plan 2)work description 3)sample analyticals 4)work invoice. 7/16/2003-Vought-Spoke with Carol who stated that tenant refused access to PTC. Vought contacted tenant's (Sherry Lee-718-417-9880) lawyer (Xian Feng Zhou-718-661-9562) who will call back NYSDEC with information. 7/18/2003-Vought-Site visit by Vought to deliver failure to cooperate letter to tenant. Tenant faxed copy to Xian who will call back NYSDEC with response. Vought inspected basement and no odors or staining were found. 8/1/2003-Vought-Spoke to Mr. Zhou who stated that PTC did not schedule and appointment but did show up yesterday to begin work. Feng requested copy of tank tightness requirement letter. Vought faxed letter on 8/1. 8/4/2003-Vought-Spoke with Carol Hinderstein and PTC gained access twice however performed another site visit on 8/4/2003 and were denied access. Hinderstein will fax copy of letter from tenants lawyers stating that work is not immediate which is contrary to Navigation Law. Vought will call lawyer and PTC to state that NYSDEC will send out ECO's if access is denied after an adequate notification is made by the NYSDEC. 1/7/04-Vought-Spill transferred from Vought to Austin. 01/27/04 - Sawyer - Spill transferred from Austin to Sawyer. 11/28/05- DEc Piper Spoke w/ property owner Dana Antal 570-620- 1313. He stated that work was completed. He will provide the Dept w/ proof. 2/10/06- DEC Piper left message for Dana requesting info. 2/17/06- DEC Piper left message for Dana requesting info,m callback. Staee he has 1 month to provide documentation or and ECO will be sent out to the site. 2/21/06- DEC Piper spoke w/ Mr. Machacyk, representing Dana Atal. He will look into it and get back to the DEPT. 3/15/06- DEC Piper left message for Dana requesting callback. 5/8/06- DEC Piper left message for Dana requesting callback. 5/24/06- DEC Piper recieved call from rep of property. He is looking into it and will provide documentation. 6/1/06- DEC Piper spoke w/ rep for property. He could not determine if soil was examined. DEC sent old ttf letter stating rewirements. If cannot be met, a subsurface investigation must be performed. PBS info needs to be updated. 6/23/06- DEC Piper spoke w/ Mr. Machacyk. Work has begun today and will submit report in 1 month. 8/21/06- DEC Piper reviewed report dated 7/7/06 and received 7/15/06. As per reprot a subsurface

SUPER TRUCK RENTAL CORP (Continued) **U000396204**

investigation was conducted along with the abandonment of the 1,000 gal USt. AS per analytical no VOC's detected and SVOC's below TAGM. Tank was abandoned in place w/ foam. As per report and dociumetation provided to date, this spill is closed. See e-docs if warranted."

Remarks: "TANK TEST FAILURE"

All TTF:

Facility ID:	0300078
Spill Number:	0300078
Spill Tank Test:	1528226
Site ID:	259427
Tank Number:	1
Tank Size:	2500
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	259427
Operable Unit ID:	868375
Operable Unit:	01
Material ID:	508152
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

UST:

Name:	SUPER TRUCK RENTAL CORP
Address:	59-01 55TH ST
City,State,Zip:	MASPETH, NY 11378
Id/Status:	2-188158 / Inactive
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	591806.65953
UTM Y:	4507840.04035
Site Type:	Unknown

Affiliation Records:

Site Id:	5676
Affiliation Type:	Facility Owner
Company Name:	FRC PROPERTIES CORP

SUPER TRUCK RENTAL CORP (Continued) **U000396204**

Contact Type:	Not reported
Contact Name:	Not reported
Address1:	63 MEADOW WOODS ROAD
Address2:	Not reported
City:	LAKE SUCCESS
State:	NY
Zip Code:	11020
Country Code:	001
Phone:	(516) 829-5794
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	5676
Affiliation Type:	Mail Contact
Company Name:	FRC PROPERTIES CORP
Contact Type:	Not reported
Contact Name:	CAROL HINDERSTEIN
Address1:	63 MEADOW WOODS ROAD
Address2:	Not reported
City:	LAKE SUCCESS
State:	NY
Zip Code:	11020
Country Code:	001
Phone:	(516) 829-5794
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	5676
Affiliation Type:	Facility Operator
Company Name:	SUPER TRUCK RENTAL CORP
Contact Type:	Not reported
Contact Name:	FRC PROPERTIES CORP
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(516) 829-5794
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	5676
Affiliation Type:	Emergency Contact
Company Name:	FRC PROPERTIES CORP
Contact Type:	Not reported
Contact Name:	CAROL HINDERSTEIN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN

SUPER TRUCK RENTAL CORP (Continued) **U000396204**

Zip Code:	Not reported
Country Code:	001
Phone:	(516) 829-5794
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	001
Tank ID:	5770
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	1100
Install Date:	Not reported
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number:	002
Tank ID:	5771
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	4000
Install Date:	Not reported
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported

SUPER TRUCK RENTAL CORP (Continued) **U000396204**

Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None

Tank Number:	003
Tank ID:	5772
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None

Tank Number:	004
Tank ID:	5773
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground

SUPER TRUCK RENTAL CORP (Continued) **U000396204**

Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 005
Tank ID: 5774
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

280 East 1/2-1 0.518 mi. 2736 ft. **FORMER W.L.K. CORP.**
58-30 57TH STREET
MASPETH, NY 11378

NY SHWS **S109209067**
N/A

Relative: Higher

Actual: 25 ft.

SHWS:

Name:	FORMER W.L.K. CORP.
Address:	58-30 57TH STREET
City,State,Zip:	MASPETH, NY 11378
Program:	HW
Site Code:	371165
Classification:	Significant threat to the public health or environment - action required.
Region:	2
Acres:	2.010
HW Code:	241097
Record Add:	09/29/2006
Record Upd:	10/23/2020
Updated By:	JCGRATHW
Site Description:	"Location: The Former W.L.K. Corp. Site (58-30 57th St.) is located near the intersection of Grand Avenue and 57th Street in Maspeth, Queens County, New York. Site Features: The site is identified on the Queens Business Borough Tax Map as Block 2610, Lots 412 and 440 and is approximately 2.01 acres in size. The site is bordered on the north by MTA/LIRR rail lines, on the south by Grand Avenue, on the east by 57th Street, and on the west by a commercial/industrial property. The site is mostly paved, with a small area overgrown with vegetation (former railroad spur) present adjacent to the western portion of the building. Current Zoning and Land Use: Lots 412 and 440 are currently zoned M3-l. The site is currently used as a lumber yard with some offices. The surrounding parcels are currently used for a combination of commercial, light industrial, and transportation. The closest residential area is directly across 57th Street. Past Use of the Site: The northern portion of the site has historically been used by a radiator distribution facility (1930's-1940's), a steel pipe distributor (1950's- early 1970's), corrugated box company (early 1980's), a beer distributing company (mid/late 1980's), and a recycling facility (early 1990's - early 2000's). The southern portion of the site is currently occupied by offices and has been used for several businesses. A lubricating oils company occupied this portion of the site at least from 1936 into the 1970's. Over the years other occupants included an oil company sales office, a milk products company, and an engineering firm. Also, a filling station was located on the site at the corner of Grand Avenue and 57th Street from early 1930's to early 1970's. Site Geology and Hydrogeology: Based on soil collected by continuous sampling activities, stratigraphy along the northwestern portion of the site consists of between 8 and 10 feet of fine to medium sand with trace silt and gravel. Along the northern portion of the property the subsurface material is made up of fill consisting of fine sand and rock fragments. The fine to medium sand/silty-sand in the area of the former rail spur next to the loading dock is underlain by a gray to brown clay that is at least several feet thick. The water table is generally encountered at a depth of approximately eight feet below ground surface (bgs) in either the clay or the overlying sand. The shallow groundwater flow is generally southwest."
Env Problem:	"Nature and Extent of Contamination: The primary contaminants of concern at the site include chlorinated volatile organic compounds

FORMER W.L.K. CORP. (Continued) **S109209067**

(CVOCs), specifically, Tetrachloroethylene (PCE) and 1,1,1-Trichloroethane (TCA) and their respective breakdown products. Soil: Exceedances of standards, criteria, and guidance in the on-site soils include TCE (max. 31 ppm), 1,1,1-TCA (1.1 ppm), PCE (max. 2.6 ppm), and total 1,2-DCE (max. 46.2 ppm). Groundwater: Exceedances of standards, criteria, and guidance in the groundwater include 1,1,1-TCA (max. 16 ppb), TCE (max. 710 ppb), PCE (max. 47 ppb), and total 1,2-DCE (max. 548 ppb). Samples taken off-site, adjacent to the former railroad spur area, revealed exceedances in the groundwater of 1,1,1-TCA (max. 71,000 ppb), TCE (360,000 ppb) and 1,2-DCE (max. 42,000 ppb). Soil Vapor: Elevated levels of VOCs were detected in sub-slab soil vapor and indoor air. The maximum concentrations of PCE and TCE in sub-slab soil vapor were detected in the western portion of the existing warehouse at the respective concentrations of 22 micrograms per cubic meter (ug/m3) and 2,310 ug/m3. The maximum concentrations of PCE and TCE in indoor air were detected in the same portion of the warehouse at the concentrations of 1.8 ug/m3 and 2.5 ug/m3. Sampling indicates that contaminated soil vapor extends off-site with TCE in sub-slab soil vapor and indoor air up to 7,260 ug/m3 and 0.38 ug/m3, respectively. Significant Threat: The site presents a significant threat to the environment due to significant groundwater and soil contamination. PCE and TCA are chlorinated volatile organics that are mobile in groundwater, persistent in soil vapor, and considered carcinogenic. Groundwater was observed approximately 8 feet below ground surface and determined flowing in a southwesterly direction. Contamination has been detected migrating downgradient from the site. "

Health Problem: "Further investigation is needed to assess the nature and extent of site-related contamination and the potential for exposure to site contaminants. The site currently has several buildings and a paved parking lot, therefore, contact with subsurface contamination is unlikely. Exposure to site-related contaminants in drinking water is not expected because the area is served by public water. NYSDOH and NYSDEC will evaluate the need for additional investigations to determine the potential for soil vapor intrusion to occur. "

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: 73:54’47" / 40:43’15"
Dell: False
Record Add: 2006-09-29 11:13:00
Record Upd: 2013-09-19 14:58:00
Updated By: kbdilige
Own Op: 1
Sub Type: NNN
Owner Name: BERNARD ETRA
Owner Company: RUBY REALTY CO.
Owner Address: 58-30 57TH STREET
Owner Addr2: Not reported
Owner City,St,Zip: MASPETH, NY 11378
Owner Country: United States of America
HW Code: 241097
Waste Type: tetrachloroethene (PCE)

FORMER W.L.K. CORP. (Continued) **S109209067**

Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	241097
Waste Type:	1,1,1-TCA
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	241097
Waste Type:	TETRACHLOROETHYLENE (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	241097
Waste Type:	TRICHLOROETHENE (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	241097
Waste Type:	1,1,1 TCA
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	241097
Waste Type:	1,1,1-Trichloroethane(TCA)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

281
WSW
1/2-1
0.544 mi.
2873 ft.

EQUITY WORKS **EDR MGP** **1008407885**
MASPETH AND VANDERVORT AVES. **N/A**
BROOKLYN, NY 11211

Relative:
Higher

Actual:
15 ft.

Manufactured Gas Plants:
No additional information available

282
SSW
1/2-1
0.545 mi.
2876 ft.

VARICK AVENUE **NY SHWS** **S105973022**
165 VARICK AVENUE **N/A**
BROOKLYN, NY 10013

Relative:
Higher

Actual:
12 ft.

SHWS:

Name:	VARICK AVENUE
Address:	165 VARICK AVENUE
City,State,Zip:	BROOKLYN, NY 10013
Program:	HW
Site Code:	55914
Classification:	N
Region:	2
Acres:	3.540
HW Code:	224017

VARICK AVENUE (Continued) **S105973022**

Record Add:	11/18/1999
Record Upd:	04/03/2007
Updated By:	KALEWAND
Site Description:	"This property is located in Brooklyn (Block #2962 - lots 1, 5, & 37), and is owned by Rhino Trust (Albert Realty Co.). The site is a vacant lot, except for two, one-story shed buildings in a state of disrepair. The site has a develop- ment history dating back to the early 1900's; site uses have included an asphalt paving company and a lumber company. As a result of an environmental survey of this site conducted in 1988 and 1989, traces of 4-chloroaniline, pentachlorophenol, butyl-ben zylpthalate; di-N-butylphthalate and flouranthene were found. Metals and total petroleum hydrocarbons were also found in the soils, surface and groundwater. Contamination of soils by metals was found to include: silver, barium, cadmium, chromium , iron, lead and copper. Concentrations of metals in the groundwater exceeded groundwater quality standards for lead and iron. Rhino Trust has carried out a supplemental site assessment under a consent order in the summer of 1992. An interpretation of the analytical results from the previous investigation has been inconclusive due to data gaps in the reports. Rhino Trust performed a Supplemental Site Assessment, and the fieldwork was completed in 1994. The PRP has removed the contaminated soils. Hazardous waste is no longer present and significant threat no longer exists."
Env Problem:	"Contaminated soils have been removed but groundwater contamination evidently due to construction and demolition debris (non-hazardous), still exists."
Health Problem:	Not reported
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	3
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	MULTIPLE OWNERS
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	NY
Owner Country:	Unknown
Own Op:	1
Sub Type:	E
Owner Name:	Not reported
Owner Company:	Rhino Trust
Owner Address:	P.O. BOX 637
Owner Addr2:	Not reported
Owner City,St,Zip:	ASPEN, CO 81612
Owner Country:	United States of America
Own Op:	1
Sub Type:	E

VARICK AVENUE (Continued) **S105973022**

Owner Name: Not reported
Owner Company: *** MULTIPLE OWNERS ***
Owner Address: P.O. BOX 637
Owner Addr2: Not reported
Owner City,St,Zip: ASPEN, CO 81612
Owner Country: United States of America
HW Code: Not reported
Waste Type: Not reported
Waste Quantity: Not reported
Waste Code: Not reported
Crossref ID: Not reported
Cross Ref Type Code: Not reported
Cross Ref Type: Not reported
Record Added Date: Not reported
Record Updated: Not reported
Updated By: Not reported

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283 **CHLORAL GROUP** **NY SHWS** **S102637940**
WNW **171 LOMBARDY ST.** **NY CBS** **N/A**
1/2-1 **BROOKLYN, NY 11222** **NY AST**
0.583 mi. **NY CBS AST**
3078 ft. **NY MANIFEST**

Relative: **Higher**
Actual: **53 ft.**

SHWS:
Name: FORMER LOMBARDY STREET LACQUER AND SOAP MFG.
Address: 171 LOMBARDY STREET
City,State,Zip: BROOKLYN, NY 11222
Program: HW
Site Code: 486951
Classification: Significant threat to the public health or environment - action required.
Region: 2
Acres: 0.460
HW Code: 224182
Record Add: 09/17/2013
Record Upd: 08/10/2020
Updated By: HMDUDEK
Site Description: "Location: The approximately 1/2 acre site is located in the Greenpoint/East Williamsburg Industrial Area section of Kings County (Borough of Brooklyn, New York City). The site is located on the northeast corner of the intersection of Lombardy Street and Varick Avenue. Site Features: The site is completely covered by two (2) masonry block buildings. Current Zoning and Land Use(s): The site is zoned for manufacturing. The site is currently utilized as a warehouse. Numerous commercial and industrial properties are located to the north, east, and west of the site. A National Grid energy facility is located south of the site across Lombardy Street. The Brooklyn-Queens Expressway (I-278) is located 1 block north of the site. A residential area is located 2 blocks southwest of the site. Newtown Creek is located 4 blocks east of the site. Past Use(s) of the Site: The Department began a Site Characterization in this area during the Summer of 2011 as part of a plume trackdown investigation (Meeker Avenue Plume Trackdown, DEC Site ID No. 224121). This particular area was specifically targeted for investigation based on its previous use as a lacquer storage facility in the 1930s, as a soap manufacturer from the early 1950s to 1989, and on data collected by the Department during investigations conducted at an adjacent site between 2007-2009 (ACME Steel - Brass Foundry) which indicated the

CHLORAL GROUP (Continued) **S102637940**

	presence of an additional source area along Varick Avenue between Anthony and Lombardy Streets. Site Geology and Hydrogeology: The site is underlain by a sand unit (~110' thick) with a discontinuous clayey silt/silty sand unit within the sand unit, and the Raritan formation. Groundwater is present at a depth of approximately 45-50' below ground surface in the vicinity of the site. Groundwater flows north towards Newtown Creek, which lies approximately 1,600' northeast of the site."
Env Problem:	"Nature and Extent of Contamination: - Groundwater The primary contaminant of concern at the site is tetrachloroethene (PCE). PCE has been found in shallow groundwater at concentrations up to 8,400 ppb, and in deep groundwater up to 20,000 ppb, well above the Part 703.5 class GA standard of 5 ppb. - Soil PCE has been found in soil up to 23,000 ppm @ 1-1.5' below grade adjacent to a site-related cesspool, which is well above the soil cleanup objective for unrestricted use (1.3 ppm). Significant Threat: The site poses a significant environmental threat due to the ongoing release of PCE from source areas into soil and groundwater and a significant threat to public health due to the concentrations of PCE detected in groundwater and soil, in conjunction with the proximity of occupied structures."
Health Problem:	"Direct contact with contaminants in the soil is unlikely because the site is covered with buildings and pavement. People are not drinking the contaminated groundwater because the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. The potential for soil vapor intrusion to occur in on-site structures should be evaluated. In addition, off-site sampling indicates soil vapor intrusion is a concern for off-site buildings."
Dump:	False
Structure:	True
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2013-09-18 11:54:00
Record Upd:	2013-09-18 11:54:00
Updated By:	DKHARRIN
Own Op:	1
Sub Type:	01
Owner Name:	Not reported
Owner Company:	20 Rewe Street Ltd.
Owner Address:	885 Conklin Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Farmingdale, NY 11735-2400
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	C05
Owner Name:	Not reported
Owner Company:	Brooklyn Community Board #1

CHLORAL GROUP (Continued) **S102637940**

Owner Address: 435 Graham Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11222
Owner Country: United States of America
Own Op: Document Repository
Sub Type: C04
Owner Name: David Camara
Owner Company: Brooklyn Public Library - Leonard Branch
Owner Address: 81 Devoe Street
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11211
Owner Country: United States of America
HW Code: 224182
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 224182
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: Not reported
Cross Ref Type Code: Not reported
Cross Ref Type: Not reported
Record Added Date: Not reported
Record Updated: Not reported
Updated By: Not reported

CBS:
Name: CHLORAL GROUP
Address: 171 LOMBARDY ST
City,State,Zip: BROOKLYN, NY 11222
CBS Number: 2-000036
Program Type: CBS
Facility Status: Unregulated/Closed
Expiration Date: Not reported
Dec Region: 2
UTMX: 590050.93977
UTMY: 4508620.25158

AST:
Name: CHLORAL GROUP
Address: 171 LOMBARDY ST
City,State,Zip: BROOKLYN, NY 11222
Region: STATE
DEC Region: 2
Site Status: Unregulated/Closed
Facility Id: 2-000036
Program Type: CBS
UTM X: 590050.93977
UTM Y: 4508620.25158
Expiration Date: N/A
Site Type: Unknown

Tank Info:

Tank Number: 00001
Tank Id: 183321

CHLORAL GROUP (Continued) **S102637940**

Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Plastic
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	06/01/1988
Capacity Gallons:	400
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	CBSInit
Last Modified:	03/21/2005
Material Name:	Not reported

Tank Number:	00002
Tank Id:	183322
Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Plastic
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	06/01/1988
Capacity Gallons:	400
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	CBSInit
Last Modified:	03/21/2005
Material Name:	Not reported

CBS AST:

CBS Number:	2-000036
ICS Number:	2-125127
PBS Number:	Not reported
MOSF Number:	Not reported
SPDES Number:	Not reported
Facility Status:	TEMPORARILY OUT-OF-SERVICE
Facility Type:	Not reported
Telephone:	(718) 388-2056
Facility Town:	NEW YORK CITY
Region:	STATE
Expiration Date:	04/28/1991
Total Capacity of All Active Tanks(gal):	0
Operator:	KENNETH GOLDSTEIN
Emergency Contact:	FRANK TERRANOUA
Emergency Phone:	(516) 358-9276
Owner Name:	CHLORAL CHEMICAL CORP.
Owner Address:	171 LOMBARDY ST.
Owner City,St,Zip:	BROOKLYN, NY 11222
Owner Telephone:	(718) 388-2056
Owner Type:	Corporate/Commercial
Owner Sub Type:	Not reported

CHLORAL GROUP (Continued) **S102637940**

Mail Name:	CHLORAL CHEMICAL CORP.
Mail Contact Addr:	171 LOMBARDY ST.
Mail Contact Addr2:	Not reported
Mail Contact Contact:	FRANK TERRANOUA
Mail Contact City,St,Zip:	BROOKLYN, NY 11222
Mail Phone:	(718) 388-2056
Tank Id:	00002
CAS Number:	7782505
Federal ID:	Not reported
Tank Status:	Not reported
Install Date:	06/88
Tank Closed:	00/00
Capacity (Gal):	400
Chemical:	Chlorine
Tank Location:	Indoors, Aboveground
Tank Type:	Fiberglass reinforced plastic [FRP]
Total Tanks:	0
Tank Secret:	False
Tank Secondary Containment:	Other
Tank Error Status:	2
Date Entered:	04/28/1989
Certified Date:	04/28/1989
Substance:	Not reported
Internal Protection:	Not reported
External Protection:	Not reported
Pipe Location:	Not reported
Pipe Type:	Unknown
Pipe Internal:	Not reported
Pipe External:	Not reported
Pipe Flag:	False
Leak Detection:	Not reported
Overfill Protection:	Not reported
Haz Percent:	0
Last Test:	Not reported
Due Date:	Not reported
SWIS Code:	6101
Lat/Long:	Not reported
Is Updated:	False
Renew Date:	02/12/91
Is It There:	False
Delinquent:	False
Date Expired:	04/28/91
Owner Mark:	1
Certificate Needs to be Printed:	False
Fiscal Amt for Registration Fee Correct:	True
Renewal Has Been Printed for Facility:	True
Pre-Printed Renewal App Last Printed:	02/12/1991

Tank Id:	00001
CAS Number:	7782505
Federal ID:	Not reported
Tank Status:	Not reported
Install Date:	06/88
Tank Closed:	00/00
Capacity (Gal):	400

CHLORAL GROUP (Continued) **S102637940**

Chemical:	Chlorine
Tank Location:	Indoors, Aboveground
Tank Type:	Fiberglass reinforced plastic [FRP]
Total Tanks:	0
Tank Secret:	False
Tank Secondary Containment:	Other
Tank Error Status:	2
Date Entered:	04/28/1989
Certified Date:	04/28/1989
Substance:	Not reported
Internal Protection:	Not reported
External Protection:	Not reported
Pipe Location:	Not reported
Pipe Type:	Unknown
Pipe Internal:	Not reported
Pipe External:	Not reported
Pipe Flag:	False
Leak Detection:	Not reported
Overfill Protection:	Not reported
Haz Percent:	0
Last Test:	Not reported
Due Date:	Not reported
SWIS Code:	6101
Lat/Long:	Not reported
Is Updated:	False
Renew Date:	02/12/91
Is It There:	False
Delinquent:	False
Date Expired:	04/28/91
Owner Mark:	1
Certificate Needs to be Printed:	False
Fiscal Amt for Registration Fee Correct:	True
Renewal Has Been Printed for Facility:	True
Pre-Printed Renewal App Last Printed:	02/12/1991

NY MANIFEST:

Name:	LOMBARDY STREET SOAP & LACQUER MANUFACTURING
Address:	171 LOMBARDY ST
City,State,Zip:	BROOKLYN, NY 11222
Country:	USA
EPA ID:	NYR000220129
Facility Status:	Not reported
Location Address 1:	171 LOMBARDY ST
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11222
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYR000220129
Mailing Name:	LOMBARDY STREET SOAP & LACQUER MANUFACTURING
Mailing Contact:	LOMBARDY STREET SOAP & LACQUER MANUFACTURING
Mailing Address 1:	171 LOMBARDY ST
Mailing Address 2:	Not reported

CHLORAL GROUP (Continued) **S102637940**

Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11222
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	Not reported
Trans1 State ID:	NYR000191726
Trans2 State ID:	PAD982661381
Generator Ship Date:	11/03/2017
Trans1 Recv Date:	11/03/2017
Trans2 Recv Date:	11/06/2017
TSD Site Recv Date:	11/13/2017
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000220129
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	RID040098352
TSDF ID 2:	Not reported
Manifest Tracking Number:	009987450FLE
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	200
Units:	P - Pounds
Number of Containers:	1
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Waste Code:	F002
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

284
NNW
1/2-1
0.635 mi.
3351 ft.

Relative:
Higher

Actual:
15 ft.

PHELPS DODGE REFINING CORP
42-02 56TH RD
MASPETH, NY 11378

SEMS **1000291443**
RCRA-LQG **NYD001293489**
NY SHWS
NY ENG CONTROLS
NY INST CONTROL
NY Spills
NY Financial Assurance
NY MANIFEST
NJ MANIFEST

SEMS:

Site ID:	0201528
EPA ID:	NYD039138789
Name:	PHELPS DODGE REFINING CORP
Address:	42-02 56TH RD
Address 2:	Not reported
City,State,Zip:	MASPETH, NY 11378
Cong District:	09
FIPS Code:	36081
Latitude:	Not reported
Longitude:	Not reported
FF:	N
NPL:	Not on the NPL
Non NPL Status:	Other Cleanup Activity: State-Lead Cleanup

SEMS Detail:

Region:	02
Site ID:	0201528
EPA ID:	NYD039138789
Site Name:	PHELPS DODGE REFINING CORP
NPL:	N
FF:	N
OU:	00
Action Code:	OO
Action Name:	SITE REASS
SEQ:	2
Start Date:	2020-09-18 05:00:00
Finish Date:	9/18/2020 5:00:00 AM
Qual:	H
Current Action Lead:	EPA Perf In-Hse

Region:	02
Site ID:	0201528
EPA ID:	NYD039138789
Site Name:	PHELPS DODGE REFINING CORP
NPL:	N
FF:	N
OU:	00
Action Code:	OO
Action Name:	SITE REASS
SEQ:	1
Start Date:	2016-08-03 05:00:00
Finish Date:	8/3/2016 5:00:00 AM
Qual:	H
Current Action Lead:	EPA Perf

Region:	02
Site ID:	0201528
EPA ID:	NYD039138789
Site Name:	PHELPS DODGE REFINING CORP

PHELPS DODGE REFINING CORP (Continued) **1000291443**

NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1979-05-01 04:00:00
Finish Date: 5/1/1979 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 02
Site ID: 0201528
EPA ID: NYD039138789
Site Name: PHELPS DODGE REFINING CORP
NPL: N
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: Not reported
Finish Date: 8/1/1983 4:00:00 AM
Qual: L
Current Action Lead: EPA Perf

Region: 02
Site ID: 0201528
EPA ID: NYD039138789
Site Name: PHELPS DODGE REFINING CORP
NPL: N
FF: N
OU: 00
Action Code: SI
Action Name: SI
SEQ: 1
Start Date: 1983-08-01 04:00:00
Finish Date: 8/1/1983 4:00:00 AM
Qual: L
Current Action Lead: St Perf

RCRA-LQG:
Date Form Received by Agency: 2007-01-01 00:00:00.0
Handler Name: PHELPS DODGE REFINING CORPORATION
Handler Address: 56TH ROAD
Handler City,State,Zip: MASPETH, NY 11378
EPA ID: NYD001293489
Contact Name: RONALD J BUCHANAN
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: 602-366-8301
Contact Fax: Not reported
Contact Email: RBUCHANAN@PHELPSDODGE.COM
Contact Title: Not reported
EPA Region: 02
Land Type: Private

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	56TH ROAD
Mailing City,State,Zip:	MASPETH, NY 11378
Owner Name:	PHELPS DODGE REFINING CORPORATION
Owner Type:	Private
Operator Name:	PHELPS DODGE REFINING CORPORATION
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 2015-04-14 00:00:00.0
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Biennial: List of Years
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D000
Waste Description: Not Defined

Waste Code: D003
Waste Description: REACTIVE WASTE

Waste Code: D008
Waste Description: LEAD

Waste Code: D010
Waste Description: SELENIUM

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: PHELPS DODGE REFINING CORPORATION
Legal Status: Private
Date Became Current: 1920-01-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 20001
Owner/Operator City,State,Zip: EL PASO, TX 79998
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: PHELPS DODGE REFINING CORPORATION
Legal Status: Private
Date Became Current: 1928-01-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: P.O.BOX
Owner/Operator City,State,Zip: EL PASO, NY 79998
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OWNERNAME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	PHELPS DODGE REFINING CORPORATION
Legal Status:	Private
Date Became Current:	1920-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 20001
Owner/Operator City,State,Zip:	EL PASO, TX 79998
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHELPS DODGE REFINING CORPORATION
Legal Status:	Private
Date Became Current:	1928-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHELPS DODGE REFINING CORPORATION
Legal Status:	Private
Date Became Current:	1885-08-10 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 20001
Owner/Operator City,State,Zip:	EL PASO, TX 79998
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	PHELPS DODGE REFINING CORPORATION
Legal Status:	Private
Date Became Current:	1885-08-10 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 20001
Owner/Operator City,State,Zip:	EL PASO, TX 79998

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 1999-07-08 00:00:00.0
Handler Name: PHELPS DODGE REFINING CORP
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2006-04-19 00:00:00.0
Handler Name: PHELPS DODGE REFINING CORPORATION
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2007-01-01 00:00:00.0
Handler Name: PHELPS DODGE REFINING CORPORATION
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1984-08-30 00:00:00.0
Handler Name: PHELPS DODGE REFINING CORP
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Receive Date:	2001-01-01 00:00:00.0
Handler Name:	PHELPS DODGE REFINING CORPORATION
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-06-22 00:00:00.0
Handler Name:	PHELPS DODGE REFINING CORPORATION
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-04-20 00:00:00.0
Handler Name:	PHELPS DODGE REFINING CORPORATION
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	325188
NAICS Description:	ALL OTHER BASIC INORGANIC CHEMICAL MANUFACTURING

NAICS Code:	331411
NAICS Description:	PRIMARY SMELTING AND REFINING OF COPPER

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	1985-11-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYDEC
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

SHWS:

Name:	PHELPS DODGE REFINING CORPORATION
Address:	42-02 56TH ROAD
City,State,Zip:	MASPETH, NY 11378
Program:	HW
Site Code:	58835
Classification:	Significant threat to the public health or environment - action required.
Region:	2
Acres:	37.310
HW Code:	241002
Record Add:	11/18/1999

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Record Upd: 07/09/2018
Updated By: JHOCONNE
Site Description: "Location: This site is located in an urban area at 42-02 56th Road in Maspeth, Queens. It is just east of the Kosciuszko Bridge, i.e., the Brooklyn Queens Expressway (BQE). Newtown Creek flows along the southern boundary of the facility. Site Features: In 2004, Phelps Dodge Refining Corporation (PDRC) sold the property to a developer (Sagres Partners) which has subdivided the site into 10 parcels. Site redevelopment is continuing in phases. Capping of several parcels is completed and various parcels have been developed for industrial uses. Current Zoning/Use(s): This site is zoned for industrial purposes. Historical Uses: This site has been industrialized since 1891. PDRC used the facility from 1920-1983 for the production of tri-basic copper sulfate (pesticides), copper and sulfate pentahydrate, and as a copper refinery. Waste sludges from the processes were stored in an unlined lagoon. Plant operations at this facility are discontinued since 1983. In 1986, the PDRC excavated more than 10,000 cubic yards of contaminated soils from a 3.5 acre hotspot area, and transported and disposed this material off-site. Site Geology and Hydrogeology: Examination of site geology indicates that in the following stratigraphic units are present beneath the site in descending order: urban fill; silty sand/silt; peat/meadow mat; silt and clay; sand and gravel; and bedrock. The water table ranges from 2 to 15 feet below the ground surface. Groundwater flow is generally to the south towards Newtown Creek. "
Env Problem: "Nature and Extent of Contamination Prior to Completion of Remediation Surface Soils - The majority of the site was covered with asphalt or concrete pavement or former Building foundations. During the RI, surface soil samples were collected from the various OUs. In locations where concrete or asphalt was present, the surface soil samples were collected from directly beneath the concrete/asphalt. Organic parameters of interest are primarily PAHs (benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene) and PCBs. Inorganic parameters of interest are antimony, arsenic, barium, cadmium, copper, lead, mercury, nickel, selenium and zinc. Parameters with concentrations above the characteristic hazardous waste limits were cadmium (up to 1.3 ppm vs. TCLP limit of 1 ppm) in two samples, and lead (up to 11.9 ppm vs. TCLP Limit of 5 ppm) in five samples. Subsurface Soils - Parameters with TCLP concentrations above the hazardous waste thresholds are cadmium, lead and mercury. Other metals of interest include antimony, arsenic, copper and chromium were detected in the subsurface soil. SVOCs of interest include benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene. The SVOCs were generally found at isolated locations and in samples collected from within 4 feet of the ground surface. PCBs were found in shallow soil samples (less than 3.5 to 4 feet bgs). Groundwater - VOCs including benzene, tetrachloroethylene, 1,1,1-trichloroethane and 1,1-dichloroethane were detected at concentrations above the Class GA groundwater standards. SVOCs (benzo(a)anthracene, benzo(b)fluoranthene, benzo(a)pyrene, benzo(k)fluoranthene, chrysene, bis(2-ethyhexyl)phthalate and indeno(1, 2, 3-cd) pyrene) were detected at concentrations above the Class GA groundwater standards. Inorganics including antimony, lead, arsenic, cadmium, copper, iron, magnesium, manganese, nickel, selenium, thallium, and zinc were detected in the monitoring wells at concentrations above the Class GA groundwater standards. No PCBs were

PHELPS DODGE REFINING CORP (Continued) **1000291443**

found in groundwater above Class GA groundwater standards. Soil Vapor - Elevated levels of methane and total non-methane VOCs were detected in several locations which corresponded with the locations of former underground storage tanks and petroleum storage and handling facilities. Sediments - The sediments in the Newtown Creek and Maspeth Creek adjacent to the Site are being addressed as an individual Operable Unit (OU-6) and were not included in this ROD. Surface Water - The surface waters in the Newtown Creek and Maspeth Creek adjacent to the Site are being addressed separately (see site no. 241117). "

Health Problem: "The potential for human exposure is limited to physical contact with contaminated soils on-site. Access to the site is restricted by fences and security personnel. Remediation of the site includes a site-specific cap, which will minimize the potential for expsoures. Areas adjacent to the site are heavily developed with commercial/industrial facilities. Off-site exposures to site related contaminants are not expected. The surrounding area is served by public water."

Dump: False
Structure: False
Lagoon: True
Landfill: False
Pond: False
Disp Start: 1940
Disp Term: 1983
Lat/Long: 40:43:34:0 / 73:55:32:0
Dell: False
Record Add: 1999-11-18 12:00:00
Record Upd: 2013-09-19 15:08:00
Updated By: kbdilige
Own Op: 1
Sub Type: 05
Owner Name: Frank Galasso
Owner Company: Sagres Partners, LLC
Owner Address: c/o Galasso Trucking
Owner Addr2: 2 Galasso Place
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Usha Pinto
Owner Company: Queens Borough Public Library Maspeth Branch
Owner Address: 69-70 Grand Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Joe Brunner
Owner Company: LHD Ventures
Owner Address: c/o Freeport-McMoran Inc
Owner Addr2: 333 North Central Avenue
Owner City,St,Zip: Phoenix, AZ 85004
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Anne Bagnall

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Owner Company:	Queens Library at Sunnyside
Owner Address:	4306 Greenpoint Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Sunnyside, NY 11104
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	Joe Brunner
Owner Company:	PDRC Laurel Hill 9 LLC
Owner Address:	c/o Freeport-McMoRan Inc
Owner Addr2:	333 North Central Avenue
Owner City,St,Zip:	Phoenix, AZ 85004
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Laura Mulvihill
Owner Company:	Queens Community Board #5
Owner Address:	61-23 Myrtle Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Glendale, NY 11385
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Debra Markell Kleinert
Owner Company:	Queens Community Board 2
Owner Address:	43-22 50th street, 2nd Floor
Owner Addr2:	Not reported
Owner City,St,Zip:	Woodside, NY 11377
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	c/o Galasso Trucking
Owner Company:	Sagres 9, LLC
Owner Address:	2 Galasso place
Owner Addr2:	Not reported
Owner City,St,Zip:	Maspeth, NY 11378
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	New Found LLC
Owner Address:	46-27 54th Road
Owner Addr2:	Not reported
Owner City,St,Zip:	Maspeth, NY 11378
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Robinson Bros. Inc.
Owner Address:	55-15 43rd street
Owner Addr2:	Not reported
Owner City,St,Zip:	Maspeth, NY 11378
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Sagres 8 LLC

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Owner Address: c/o Galasso Trucking
Owner Addr2: 2 Galasso Place
Owner City,St,Zip: Maspeth, NY 111378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: Jetro Cash & Carry Enterprises LLC
Owner Address: 43-40 57th Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: Parcel 3 Maspeth LLC
Owner Address: 132 Sutton Street
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11222
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: Patriot (2010) LLC
Owner Address: 2 Galasso Place
Owner Addr2: Not reported
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: JMDH Real Estate of Maspeth Parking LLC
Owner Address: 15-24 132nd street
Owner Addr2: Not reported
Owner City,St,Zip: College Point, NY 11356
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: Jetro Holdings
Owner Address: 55-40 44th Street
Owner Addr2: Not reported
Owner City,St,Zip: Queens, NY 11378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: 56th road and 43rd street LLC
Owner Address: 11-20 37th Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Long Island City, NY 11101
Owner Country: United States of America
Own Op: 1
Sub Type: 01
Owner Name: Joseph A. Brunner
Owner Company: Phelps Dodge Refining Corp.
Owner Address: c/o Freeport-McMoRan Corp.

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Owner Addr2:	One North Central Ave.
Owner City,St,Zip:	Phoenix, AZ 85004
Owner Country:	United States of America
Own Op:	1
Sub Type:	E
Owner Name:	Steven Aniftos
Owner Company:	Aniska Realty 1, LLC
Owner Address:	41-43 38th Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Long Island City, NY 11101
Owner Country:	United States of America
Own Op:	1
Sub Type:	E
Owner Name:	Robert Corroon
Owner Company:	Fifty Seven Avenue Investments, LLC
Owner Address:	c/o Parkwill Management Corp
Owner Addr2:	60 East 56th Street, 9th Floor
Owner City,St,Zip:	New York, NY 10022
Owner Country:	United States of America
HW Code:	241002
Waste Type:	ASBESTOS
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	241002
Waste Type:	MERCURY
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	241002
Waste Type:	CADMIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	241002
Waste Type:	CHROMIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	241002
Waste Type:	COPPER
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	241002
Waste Type:	COPPER
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	241002
Waste Type:	ARSENIC
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	241002
Waste Type:	POLYCHLORINATED BIPHENYLS (PCB)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	015
Cross Ref Type Code:	13
Cross Ref Type:	Senate District
Record Added Date:	1999-11-18 12:00:00
Record Updated:	2005-02-24 15:54:00
Updated By:	INITIAL

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Crossref ID: 09
Cross Ref Type Code: 15
Cross Ref Type: Congressional District
Record Added Date: 1999-11-18 12:00:00
Record Updated: 2005-02-24 15:54:00
Updated By: INITIAL
Crossref ID: NYD039138789
Cross Ref Type Code: 05
Cross Ref Type: EPA Site ID
Record Added Date: 1999-11-18 12:00:00
Record Updated: 2001-05-10 16:31:00
Updated By: REGTRANS
Crossref ID: D2-0001-02-06
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2015-08-10 09:05:00
Record Updated: 2015-08-10 09:05:00
Updated By: NNCRAWFO
Crossref ID: A2-0505-0404
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2015-08-10 09:12:00
Record Updated: 2015-08-10 09:12:00
Updated By: NNCRAWFO
Crossref ID: D2-0002-07-06
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2015-08-10 09:19:00
Record Updated: 2015-08-10 09:19:00
Updated By: NNCRAWFO
Crossref ID: W2-0845-98-11
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2015-08-10 09:01:00
Record Updated: 2015-08-10 09:01:00
Updated By: NNCRAWFO
Crossref ID: 2004000612957
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:35:00
Record Updated: 2015-08-10 09:35:00
Updated By: NNCRAWFO
Crossref ID: 2004000620024
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:45:00
Record Updated: 2015-08-10 09:45:00
Updated By: NNCRAWFO
Crossref ID: 2004000612956
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:43:00
Record Updated: 2015-08-10 09:43:00
Updated By: NNCRAWFO
Crossref ID: 2004000612851
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Record Added Date: 2015-08-10 09:49:00
Record Updated: 2015-08-10 09:49:00
Updated By: NNCRAWFO
Crossref ID: 2005000700832
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:48:00
Record Updated: 2015-08-10 09:48:00
Updated By: NNCRAWFO
Crossref ID: 2014000304102
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:36:00
Record Updated: 2015-08-10 09:36:00
Updated By: NNCRAWFO
Crossref ID: 2004000612986
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:47:00
Record Updated: 2015-08-10 09:47:00
Updated By: NNCRAWFO
Crossref ID: 2015000211032
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-12 15:15:00
Record Updated: 2015-08-12 15:15:00
Updated By: NNCRAWFO
Crossref ID: 2004000771466
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:46:00
Record Updated: 2015-08-10 09:46:00
Updated By: NNCRAWFO
Crossref ID: 2004000612972
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:42:00
Record Updated: 2015-08-10 09:42:00
Updated By: NNCRAWFO
Crossref ID: 2005000575529
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:50:00
Record Updated: 2015-08-10 09:50:00
Updated By: NNCRAWFO

ENG CONTROLS:
Name: PHELPS DODGE REFINING CORPORATION
Address: 42-02 56TH ROAD
City,State,Zip: MASPETH, NY 11378
Site Code: 58835
HW Code: 241002
Control Code: 17
Control Type: ENG
Date Record Added: 03/18/2016
Date Rec Updated: 12/01/2020
Updated By: NNCRAWFO

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Site Description: "Location: This site is located in an urban area at 42-02 56th Road in Maspeth, Queens. It is just east of the Kosciuszko Bridge, i.e., the Brooklyn Queens Expressway (BQE). Newtown Creek flows along the southern boundary of the facility. Site Features: In 2004, Phelps Dodge Refining Corporation (PDRC) sold the property to a developer (Sagres Partners) which has subdivided the site into 10 parcels. Site redevelopment is continuing in phases. Capping of several parcels is completed and various parcels have been developed for industrial uses. Current Zoning/Use(s): This site is zoned for industrial purposes. Historical Uses: This site has been industrialized since 1891. PDRC used the facility from 1920-1983 for the production of tri-basic copper sulfate (pesticides), copper and sulfate pentahydrate, and as a copper refinery. Waste sludges from the processes were stored in an unlined lagoon. Plant operations at this facility are discontinued since 1983. In 1986, the PDRC excavated more than 10,000 cubic yards of contaminated soils from a 3.5 acre hotspot area, and transported and disposed this material off-site. Site Geology and Hydrogeology: Examination of site geology indicates that in the following stratigraphic units are present beneath the site in descending order: urban fill; silty sand/silt; peat/meadow mat; silt and clay; sand and gravel; and bedrock. The water table ranges from 2 to 15 feet below the ground surface. Groundwater flow is generally to the south towards Newtown Creek. "

Env Problem: "Nature and Extent of Contamination Prior to Completion of Remediation Surface Soils - The majority of the site was covered with asphalt or concrete pavement or former Building foundations. During the RI, surface soil samples were collected from the various OUs. In locations where concrete or asphalt was present, the surface soil samples were collected from directly beneath the concrete/asphalt. Organic parameters of interest are primarily PAHs (benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene) and PCBs. Inorganic parameters of interest are antimony, arsenic, barium, cadmium, copper, lead, mercury, nickel, selenium and zinc. Parameters with concentrations above the characteristic hazardous waste limits were cadmium (up to 1.3 ppm vs. TCLP limit of 1 ppm) in two samples, and lead (up to 11.9 ppm vs. TCLP Limit of 5 ppm) in five samples. Subsurface Soils - Parameters with TCLP concentrations above the hazardous waste thresholds are cadmium, lead and mercury. Other metals of interest include antimony, arsenic, copper and chromium were detected in the subsurface soil. SVOCs of interest include benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene. The SVOCs were generally found at isolated locations and in samples collected from within 4 feet of the ground surface. PCBs were found in shallow soil samples (less than 3.5 to 4 feet bgs). Groundwater - VOCs including benzene, tetrachloroethylene, 1,1,1-trichloroethane and 1,1-dichloroethane were detected at concentrations above the Class GA groundwater standards. SVOCs (benzo(a)anthracene, benzo(b)fluoranthene, benzo(a)pyrene, benzo(k)fluoranthene, chrysene, bis(2-ethyhexyl)phthalate and indeno(1, 2, 3-cd) pyrene) were detected at concentrations above the Class GA groundwater standards. Inorganics including antimony, lead, arsenic, cadmium, copper, iron, magnesium, manganese, nickel, selenium, thallium, and zinc were detected in the monitoring wells at concentrations above the Class GA groundwater standards. No PCBs were found in groundwater above Class GA groundwater standards. Soil Vapor - Elevated levels of methane and total non-methane VOCs were detected

PHELPS DODGE REFINING CORP (Continued) **1000291443**

	in several locations which corresponded with the locations of former underground storage tanks and petroleum storage and handling facilities. Sediments - The sediments in the Newtown Creek and Maspeth Creek adjacent to the Site are being addressed as an individual Operable Unit (OU-6) and were not included in this ROD. Surface Water - The surface waters in the Newtown Creek and Maspeth Creek adjacent to the Site are being addressed separately (see site no. 241117). "
Health Problem:	"The potential for human exposure is limited to physical contact with contaminated soils on-site. Access to the site is restricted by fences and security personnel. Remediation of the site includes a site-specific cap, which will minimize the potential for expsoures. Areas adjacent to the site are heavily developed with commercial/industrial facilities. Off-site exposures to site related contaminants are not expected. The surrounding area is served by public water."
Dump:	False
Structure:	False
Lagoon:	True
Landfill:	False
Pond:	False
Disp Start:	1940
Disp Term:	1983
Lat/Long:	40:43:34:0 / 73:55:32:0
Dell:	False
Record Add:	1999-11-18 12:00:00
Record Upd:	2013-09-19 15:08:00
Updated By:	kbdilige
Own Op:	1
Sub Type:	05
Owner Name:	Frank Galasso
Owner Company:	Sagres Partners, LLC
Owner Address:	c/o Galasso Trucking
Owner Addr2:	2 Galasso Place
Owner City,St,Zip:	Maspeth, NY 11378
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Usha Pinto
Owner Company:	Queens Borough Public Library Maspeth Branch
Owner Address:	69-70 Grand Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Maspeth, NY 11378
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	Joe Brunner
Owner Company:	LHD Ventures
Owner Address:	c/o Freeport-McMoran Inc
Owner Addr2:	333 North Central Avenue
Owner City,St,Zip:	Phoenix, AZ 85004
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Anne Bagnall
Owner Company:	Queens Library at Sunnyside
Owner Address:	4306 Greenpoint Avenue

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Owner Addr2:	Not reported
Owner City,St,Zip:	Sunnyside, NY 11104
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	Joe Brunner
Owner Company:	PDRC Laurel Hill 9 LLC
Owner Address:	c/o Freeport-McMoRan Inc
Owner Addr2:	333 North Central Avenue
Owner City,St,Zip:	Phoenix, AZ 85004
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Laura Mulvihill
Owner Company:	Queens Community Board #5
Owner Address:	61-23 Myrtle Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Glendale, NY 11385
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Debra Markell Kleinert
Owner Company:	Queens Community Board 2
Owner Address:	43-22 50th street, 2nd Floor
Owner Addr2:	Not reported
Owner City,St,Zip:	Woodside, NY 11377
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	c/o Galasso Trucking
Owner Company:	Sagres 9, LLC
Owner Address:	2 Galasso place
Owner Addr2:	Not reported
Owner City,St,Zip:	Maspeth, NY 11378
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	New Found LLC
Owner Address:	46-27 54th Road
Owner Addr2:	Not reported
Owner City,St,Zip:	Maspeth, NY 11378
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Robinson Bros. Inc.
Owner Address:	55-15 43rd street
Owner Addr2:	Not reported
Owner City,St,Zip:	Maspeth, NY 11378
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Sagres 8 LLC
Owner Address:	c/o Galasso Trucking
Owner Addr2:	2 Galasso Place

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Owner City,St,Zip:	Maspeth, NY 111378
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Jetro Cash & Carry Enterprises LLC
Owner Address:	43-40 57th Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Maspeth, NY 11378
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Parcel 3 Maspeth LLC
Owner Address:	132 Sutton Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11222
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Patriot (2010) LLC
Owner Address:	2 Galasso Place
Owner Addr2:	Not reported
Owner City,St,Zip:	Maspeth, NY 11378
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	JMDH Real Estate of Maspeth Parking LLC
Owner Address:	15-24 132nd street
Owner Addr2:	Not reported
Owner City,St,Zip:	College Point, NY 11356
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Jetro Holdings
Owner Address:	55-40 44th Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Queens, NY 11378
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	56th road and 43rd street LLC
Owner Address:	11-20 37th Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Long Island City, NY 11101
Owner Country:	United States of America
Own Op:	1
Sub Type:	01
Owner Name:	Joseph A. Brunner
Owner Company:	Phelps Dodge Refining Corp.
Owner Address:	c/o Freeport-McMoRan Corp.
Owner Addr2:	One North Central Ave.
Owner City,St,Zip:	Phoenix, AZ 85004

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Owner Country:	United States of America
Own Op:	1
Sub Type:	E
Owner Name:	Steven Aniftos
Owner Company:	Aniska Realty 1, LLC
Owner Address:	41-43 38th Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Long Island City, NY 11101
Owner Country:	United States of America
Own Op:	1
Sub Type:	E
Owner Name:	Robert Corroon
Owner Company:	Fifty Seven Avenue Investments, LLC
Owner Address:	c/o Parkwill Management Corp
Owner Addr2:	60 East 56th Street, 9th Floor
Owner City,St,Zip:	New York, NY 10022
Owner Country:	United States of America
HW Code:	241002
Waste Type:	ASBESTOS
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	241002
Waste Type:	MERCURY
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	241002
Waste Type:	CADMIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	241002
Waste Type:	CHROMIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	241002
Waste Type:	COPPER
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	241002
Waste Type:	COPPER
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	241002
Waste Type:	ARSENIC
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	241002
Waste Type:	POLYCHLORINATED BIPHENYLS (PCB)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	015
Cross Ref Type Code:	13
Cross Ref Type:	Senate District
Record Added Date:	1999-11-18 12:00:00
Record Updated:	2005-02-24 15:54:00
Updated By:	INITIAL
Crossref ID:	09
Cross Ref Type Code:	15

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Cross Ref Type:	Congressional District
Record Added Date:	1999-11-18 12:00:00
Record Updated:	2005-02-24 15:54:00
Updated By:	INITIAL
Crossref ID:	NYD039138789
Cross Ref Type Code:	05
Cross Ref Type:	EPA Site ID
Record Added Date:	1999-11-18 12:00:00
Record Updated:	2001-05-10 16:31:00
Updated By:	REGTRANS
Crossref ID:	D2-0001-02-06
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2015-08-10 09:05:00
Record Updated:	2015-08-10 09:05:00
Updated By:	NNCRAWFO
Crossref ID:	A2-0505-0404
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2015-08-10 09:12:00
Record Updated:	2015-08-10 09:12:00
Updated By:	NNCRAWFO
Crossref ID:	D2-0002-07-06
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2015-08-10 09:19:00
Record Updated:	2015-08-10 09:19:00
Updated By:	NNCRAWFO
Crossref ID:	W2-0845-98-11
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2015-08-10 09:01:00
Record Updated:	2015-08-10 09:01:00
Updated By:	NNCRAWFO
Crossref ID:	2004000612957
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2015-08-10 09:35:00
Record Updated:	2015-08-10 09:35:00
Updated By:	NNCRAWFO
Crossref ID:	2004000620024
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2015-08-10 09:45:00
Record Updated:	2015-08-10 09:45:00
Updated By:	NNCRAWFO
Crossref ID:	2004000612956
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2015-08-10 09:43:00
Record Updated:	2015-08-10 09:43:00
Updated By:	NNCRAWFO
Crossref ID:	2004000612851
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2015-08-10 09:49:00
Record Updated:	2015-08-10 09:49:00

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Updated By: NNCRAWFO
Crossref ID: 2005000700832
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:48:00
Record Updated: 2015-08-10 09:48:00
Updated By: NNCRAWFO
Crossref ID: 2014000304102
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:36:00
Record Updated: 2015-08-10 09:36:00
Updated By: NNCRAWFO
Crossref ID: 2004000612986
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:47:00
Record Updated: 2015-08-10 09:47:00
Updated By: NNCRAWFO
Crossref ID: 2015000211032
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-12 15:15:00
Record Updated: 2015-08-12 15:15:00
Updated By: NNCRAWFO
Crossref ID: 2004000771466
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:46:00
Record Updated: 2015-08-10 09:46:00
Updated By: NNCRAWFO
Crossref ID: 2004000612972
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:42:00
Record Updated: 2015-08-10 09:42:00
Updated By: NNCRAWFO
Crossref ID: 2005000575529
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:50:00
Record Updated: 2015-08-10 09:50:00
Updated By: NNCRAWFO

Name: PHELPS DODGE REFINING CORPORATION
Address: 42-02 56TH ROAD
City,State,Zip: MASPETH, NY 11378
Site Code: 58835
HW Code: 241002
Control Code: 18
Control Type: ENG
Date Record Added: 03/18/2016
Date Rec Updated: 12/01/2020
Updated By: NNCRAWFO
Site Description: "Location: This site is located in an urban area at 42-02 56th Road in Maspeth, Queens. It is just east of the Kosciuszko Bridge, i.e., the Brooklyn Queens Expressway (BQE). Newtown Creek flows along the

PHELPS DODGE REFINING CORP (Continued) **1000291443**

southern boundary of the facility. Site Features: In 2004, Phelps Dodge Refining Corporation (PDRC) sold the property to a developer (Sagres Partners) which has subdivided the site into 10 parcels. Site redevelopment is continuing in phases. Capping of several parcels is completed and various parcels have been developed for industrial uses. Current Zoning/Use(s): This site is zoned for industrial purposes. Historical Uses: This site has been industrialized since 1891. PDRC used the facility from 1920-1983 for the production of tri-basic copper sulfate (pesticides), copper and sulfate pentahydrate, and as a copper refinery. Waste sludges from the processes were stored in an unlined lagoon. Plant operations at this facility are discontinued since 1983. In 1986, the PDRC excavated more than 10,000 cubic yards of contaminated soils from a 3.5 acre hotspot area, and transported and disposed this material off-site. Site Geology and Hydrogeology: Examination of site geology indicates that in the following stratigraphic units are present beneath the site in descending order: urban fill; silty sand/silt; peat/meadow mat; silt and clay; sand and gravel; and bedrock. The water table ranges from 2 to 15 feet below the ground surface. Groundwater flow is generally to the south towards Newtown Creek. "

Env Problem: "Nature and Extent of Contamination Prior to Completion of Remediation Surface Soils - The majority of the site was covered with asphalt or concrete pavement or former Building foundations. During the RI, surface soil samples were collected from the various OUs. In locations where concrete or asphalt was present, the surface soil samples were collected from directly beneath the concrete/asphalt. Organic parameters of interest are primarily PAHs (benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene) and PCBs. Inorganic parameters of interest are antimony, arsenic, barium, cadmium, copper, lead, mercury, nickel, selenium and zinc. Parameters with concentrations above the characteristic hazardous waste limits were cadmium (up to 1.3 ppm vs. TCLP limit of 1 ppm) in two samples, and lead (up to 11.9 ppm vs. TCLP Limit of 5 ppm) in five samples. Subsurface Soils - Parameters with TCLP concentrations above the hazardous waste thresholds are cadmium, lead and mercury. Other metals of interest include antimony, arsenic, copper and chromium were detected in the subsurface soil. SVOCs of interest include benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene. The SVOCs were generally found at isolated locations and in samples collected from within 4 feet of the ground surface. PCBs were found in shallow soil samples (less than 3.5 to 4 feet bgs). Groundwater - VOCs including benzene, tetrachloroethylene, 1,1,1-trichloroethane and 1,1-dichloroethane were detected at concentrations above the Class GA groundwater standards. SVOCs (benzo(a)anthracene, benzo(b)fluoranthene, benzo(a)pyrene, benzo(k)fluoranthene, chrysene, bis(2-ethyhexyl)phthalate and indeno(1, 2, 3-cd) pyrene) were detected at concentrations above the Class GA groundwater standards. Inorganics including antimony, lead, arsenic, cadmium, copper, iron, magnesium, manganese, nickel, selenium, thallium, and zinc were detected in the monitoring wells at concentrations above the Class GA groundwater standards. No PCBs were found in groundwater above Class GA groundwater standards. Soil Vapor - Elevated levels of methane and total non-methane VOCs were detected in several locations which corresponded with the locations of former underground storage tanks and petroleum storage and handling facilities. Sediments - The sediments in the Newtown Creek and

PHELPS DODGE REFINING CORP (Continued) **1000291443**

	Maspeth Creek adjacent to the Site are being addressed as an individual Operable Unit (OU-6) and were not included in this ROD. Surface Water - The surface waters in the Newtown Creek and Maspeth Creek adjacent to the Site are being addressed separately (see site no. 241117). "
Health Problem:	"The potential for human exposure is limited to physical contact with contaminated soils on-site. Access to the site is restricted by fences and security personnel. Remediation of the site includes a site-specific cap, which will minimize the potential for expsoures. Areas adjacent to the site are heavily developed with commercial/industrial facilities. Off-site exposures to site related contaminants are not expected. The surrounding area is served by public water."
Dump:	False
Structure:	False
Lagoon:	True
Landfill:	False
Pond:	False
Disp Start:	1940
Disp Term:	1983
Lat/Long:	40:43:34:0 / 73:55:32:0
Dell:	False
Record Add:	1999-11-18 12:00:00
Record Upd:	2013-09-19 15:08:00
Updated By:	kbdilige
Own Op:	1
Sub Type:	05
Owner Name:	Frank Galasso
Owner Company:	Sagres Partners, LLC
Owner Address:	c/o Galasso Trucking
Owner Addr2:	2 Galasso Place
Owner City,St,Zip:	Maspeth, NY 11378
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Usha Pinto
Owner Company:	Queens Borough Public Library Maspeth Branch
Owner Address:	69-70 Grand Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Maspeth, NY 11378
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	Joe Brunner
Owner Company:	LHD Ventures
Owner Address:	c/o Freeport-McMoran Inc
Owner Addr2:	333 North Central Avenue
Owner City,St,Zip:	Phoenix, AZ 85004
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Anne Bagnall
Owner Company:	Queens Library at Sunnyside
Owner Address:	4306 Greenpoint Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Sunnyside, NY 11104
Owner Country:	United States of America

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Own Op:	1
Sub Type:	NNN
Owner Name:	Joe Brunner
Owner Company:	PDRC Laurel Hill 9 LLC
Owner Address:	c/o Freeport-McMoRan Inc
Owner Addr2:	333 North Central Avenue
Owner City,St,Zip:	Phoenix, AZ 85004
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Laura Mulvihill
Owner Company:	Queens Community Board #5
Owner Address:	61-23 Myrtle Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Glendale, NY 11385
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Debra Markell Kleinert
Owner Company:	Queens Community Board 2
Owner Address:	43-22 50th street, 2nd Floor
Owner Addr2:	Not reported
Owner City,St,Zip:	Woodside, NY 11377
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	c/o Galasso Trucking
Owner Company:	Sagres 9, LLC
Owner Address:	2 Galasso place
Owner Addr2:	Not reported
Owner City,St,Zip:	Maspeth, NY 11378
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	New Found LLC
Owner Address:	46-27 54th Road
Owner Addr2:	Not reported
Owner City,St,Zip:	Maspeth, NY 11378
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Robinson Bros. Inc.
Owner Address:	55-15 43rd street
Owner Addr2:	Not reported
Owner City,St,Zip:	Maspeth, NY 11378
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Sagres 8 LLC
Owner Address:	c/o Galasso Trucking
Owner Addr2:	2 Galasso Place
Owner City,St,Zip:	Maspeth, NY 111378
Owner Country:	United States of America
Own Op:	1

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Jetro Cash & Carry Enterprises LLC
Owner Address:	43-40 57th Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Maspeth, NY 11378
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Parcel 3 Maspeth LLC
Owner Address:	132 Sutton Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11222
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Patriot (2010) LLC
Owner Address:	2 Galasso Place
Owner Addr2:	Not reported
Owner City,St,Zip:	Maspeth, NY 11378
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	JMDH Real Estate of Maspeth Parking LLC
Owner Address:	15-24 132nd street
Owner Addr2:	Not reported
Owner City,St,Zip:	College Point, NY 11356
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Jetro Holdings
Owner Address:	55-40 44th Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Queens, NY 11378
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	56th road and 43rd street LLC
Owner Address:	11-20 37th Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Long Island City, NY 11101
Owner Country:	United States of America
Own Op:	1
Sub Type:	01
Owner Name:	Joseph A. Brunner
Owner Company:	Phelps Dodge Refining Corp.
Owner Address:	c/o Freeport-McMoRan Corp.
Owner Addr2:	One North Central Ave.
Owner City,St,Zip:	Phoenix, AZ 85004
Owner Country:	United States of America
Own Op:	1
Sub Type:	E

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Owner Name:	Steven Aniftos
Owner Company:	Aniska Realty 1, LLC
Owner Address:	41-43 38th Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Long Island City, NY 11101
Owner Country:	United States of America
Own Op:	1
Sub Type:	E
Owner Name:	Robert Corroon
Owner Company:	Fifty Seven Avenue Investments, LLC
Owner Address:	c/o Parkwill Management Corp
Owner Addr2:	60 East 56th Street, 9th Floor
Owner City,St,Zip:	New York, NY 10022
Owner Country:	United States of America
HW Code:	241002
Waste Type:	ASBESTOS
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	241002
Waste Type:	MERCURY
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	241002
Waste Type:	CADMIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	241002
Waste Type:	CHROMIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	241002
Waste Type:	COPPER
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	241002
Waste Type:	COPPER
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	241002
Waste Type:	ARSENIC
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	241002
Waste Type:	POLYCHLORINATED BIPHENYLS (PCB)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	015
Cross Ref Type Code:	13
Cross Ref Type:	Senate District
Record Added Date:	1999-11-18 12:00:00
Record Updated:	2005-02-24 15:54:00
Updated By:	INITIAL
Crossref ID:	09
Cross Ref Type Code:	15
Cross Ref Type:	Congressional District
Record Added Date:	1999-11-18 12:00:00
Record Updated:	2005-02-24 15:54:00

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Updated By:	INITIAL
Crossref ID:	NYD039138789
Cross Ref Type Code:	05
Cross Ref Type:	EPA Site ID
Record Added Date:	1999-11-18 12:00:00
Record Updated:	2001-05-10 16:31:00
Updated By:	REGTRANS
Crossref ID:	D2-0001-02-06
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2015-08-10 09:05:00
Record Updated:	2015-08-10 09:05:00
Updated By:	NNCRAWFO
Crossref ID:	A2-0505-0404
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2015-08-10 09:12:00
Record Updated:	2015-08-10 09:12:00
Updated By:	NNCRAWFO
Crossref ID:	D2-0002-07-06
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2015-08-10 09:19:00
Record Updated:	2015-08-10 09:19:00
Updated By:	NNCRAWFO
Crossref ID:	W2-0845-98-11
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2015-08-10 09:01:00
Record Updated:	2015-08-10 09:01:00
Updated By:	NNCRAWFO
Crossref ID:	2004000612957
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2015-08-10 09:35:00
Record Updated:	2015-08-10 09:35:00
Updated By:	NNCRAWFO
Crossref ID:	2004000620024
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2015-08-10 09:45:00
Record Updated:	2015-08-10 09:45:00
Updated By:	NNCRAWFO
Crossref ID:	2004000612956
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2015-08-10 09:43:00
Record Updated:	2015-08-10 09:43:00
Updated By:	NNCRAWFO
Crossref ID:	2004000612851
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2015-08-10 09:49:00
Record Updated:	2015-08-10 09:49:00
Updated By:	NNCRAWFO
Crossref ID:	2005000700832
Cross Ref Type Code:	25

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Cross Ref Type:	County Recording Identifier
Record Added Date:	2015-08-10 09:48:00
Record Updated:	2015-08-10 09:48:00
Updated By:	NNCRAWFO
Crossref ID:	2014000304102
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2015-08-10 09:36:00
Record Updated:	2015-08-10 09:36:00
Updated By:	NNCRAWFO
Crossref ID:	2004000612986
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2015-08-10 09:47:00
Record Updated:	2015-08-10 09:47:00
Updated By:	NNCRAWFO
Crossref ID:	2015000211032
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2015-08-12 15:15:00
Record Updated:	2015-08-12 15:15:00
Updated By:	NNCRAWFO
Crossref ID:	2004000771466
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2015-08-10 09:46:00
Record Updated:	2015-08-10 09:46:00
Updated By:	NNCRAWFO
Crossref ID:	2004000612972
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2015-08-10 09:42:00
Record Updated:	2015-08-10 09:42:00
Updated By:	NNCRAWFO
Crossref ID:	2005000575529
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2015-08-10 09:50:00
Record Updated:	2015-08-10 09:50:00
Updated By:	NNCRAWFO

Name:	PHELPS DODGE REFINING CORPORATION
Address:	42-02 56TH ROAD
City,State,Zip:	MASPETH, NY 11378
Site Code:	58835
HW Code:	241002
Control Code:	12
Control Type:	ENG
Date Record Added:	03/18/2016
Date Rec Updated:	12/01/2020
Updated By:	NNCRAWFO
Site Description:	"Location: This site is located in an urban area at 42-02 56th Road in Maspeth, Queens. It is just east of the Kosciuszko Bridge, i.e., the Brooklyn Queens Expressway (BQE). Newtown Creek flows along the southern boundary of the facility. Site Features: In 2004, Phelps Dodge Refining Corporation (PDRC) sold the property to a developer (Sagres Partners) which has subdivided the site into 10 parcels. Site

PHELPS DODGE REFINING CORP (Continued) **1000291443**

redevelopment is continuing in phases. Capping of several parcels is completed and various parcels have been developed for industrial uses. Current Zoning/Use(s): This site is zoned for industrial purposes. Historical Uses: This site has been industrialized since 1891. PDRC used the facility from 1920-1983 for the production of tri-basic copper sulfate (pesticides), copper and sulfate pentahydrate, and as a copper refinery. Waste sludges from the processes were stored in an unlined lagoon. Plant operations at this facility are discontinued since 1983. In 1986, the PDRC excavated more than 10,000 cubic yards of contaminated soils from a 3.5 acre hotspot area, and transported and disposed this material off-site. Site Geology and Hydrogeology: Examination of site geology indicates that in the following stratigraphic units are present beneath the site in descending order: urban fill; silty sand/silt; peat/meadow mat; silt and clay; sand and gravel; and bedrock. The water table ranges from 2 to 15 feet below the ground surface. Groundwater flow is generally to the south towards Newtown Creek. "

Env Problem: "Nature and Extent of Contamination Prior to Completion of Remediation Surface Soils - The majority of the site was covered with asphalt or concrete pavement or former Building foundations. During the RI, surface soil samples were collected from the various OUs. In locations where concrete or asphalt was present, the surface soil samples were collected from directly beneath the concrete/asphalt. Organic parameters of interest are primarily PAHs (benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene) and PCBs. Inorganic parameters of interest are antimony, arsenic, barium, cadmium, copper, lead, mercury, nickel, selenium and zinc. Parameters with concentrations above the characteristic hazardous waste limits were cadmium (up to 1.3 ppm vs. TCLP limit of 1 ppm) in two samples, and lead (up to 11.9 ppm vs. TCLP Limit of 5 ppm) in five samples. Subsurface Soils - Parameters with TCLP concentrations above the hazardous waste thresholds are cadmium, lead and mercury. Other metals of interest include antimony, arsenic, copper and chromium were detected in the subsurface soil. SVOCs of interest include benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene. The SVOCs were generally found at isolated locations and in samples collected from within 4 feet of the ground surface. PCBs were found in shallow soil samples (less than 3.5 to 4 feet bgs). Groundwater - VOCs including benzene, tetrachloroethylene, 1,1,1-trichloroethane and 1,1-dichloroethane were detected at concentrations above the Class GA groundwater standards. SVOCs (benzo(a)anthracene, benzo(b)fluoranthene, benzo(a)pyrene, benzo(k)fluoranthene, chrysene, bis(2-ethyhexyl)phthalate and indeno(1, 2, 3-cd) pyrene) were detected at concentrations above the Class GA groundwater standards. Inorganics including antimony, lead, arsenic, cadmium, copper, iron, magnesium, manganese, nickel, selenium, thallium, and zinc were detected in the monitoring wells at concentrations above the Class GA groundwater standards. No PCBs were found in groundwater above Class GA groundwater standards. Soil Vapor - Elevated levels of methane and total non-methane VOCs were detected in several locations which corresponded with the locations of former underground storage tanks and petroleum storage and handling facilities. Sediments - The sediments in the Newtown Creek and Maspeth Creek adjacent to the Site are being addressed as an individual Operable Unit (OU-6) and were not included in this ROD. Surface Water - The surface waters in the Newtown Creek and Maspeth

PHELPS DODGE REFINING CORP (Continued) **1000291443**

	Creek adjacent to the Site are being addressed separately (see site no. 241117). "
Health Problem:	"The potential for human exposure is limited to physical contact with contaminated soils on-site. Access to the site is restricted by fences and security personnel. Remediation of the site includes a site-specific cap, which will minimize the potential for expsoures. Areas adjacent to the site are heavily developed with commercial/industrial facilities. Off-site exposures to site related contaminants are not expected. The surrounding area is served by public water."
Dump:	False
Structure:	False
Lagoon:	True
Landfill:	False
Pond:	False
Disp Start:	1940
Disp Term:	1983
Lat/Long:	40:43:34:0 / 73:55:32:0
Dell:	False
Record Add:	1999-11-18 12:00:00
Record Upd:	2013-09-19 15:08:00
Updated By:	kbdilige
Own Op:	1
Sub Type:	05
Owner Name:	Frank Galasso
Owner Company:	Sagres Partners, LLC
Owner Address:	c/o Galasso Trucking
Owner Addr2:	2 Galasso Place
Owner City,St,Zip:	Maspeth, NY 11378
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Usha Pinto
Owner Company:	Queens Borough Public Library Maspeth Branch
Owner Address:	69-70 Grand Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Maspeth, NY 11378
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	Joe Brunner
Owner Company:	LHD Ventures
Owner Address:	c/o Freeport-McMoran Inc
Owner Addr2:	333 North Central Avenue
Owner City,St,Zip:	Phoenix, AZ 85004
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Anne Bagnall
Owner Company:	Queens Library at Sunnyside
Owner Address:	4306 Greenpoint Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Sunnyside, NY 11104
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	Joe Brunner

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Owner Company:	PDRC Laurel Hill 9 LLC
Owner Address:	c/o Freeport-McMoRan Inc
Owner Addr2:	333 North Central Avenue
Owner City,St,Zip:	Phoenix, AZ 85004
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Laura Mulvihill
Owner Company:	Queens Community Board #5
Owner Address:	61-23 Myrtle Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Glendale, NY 11385
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Debra Markell Kleinert
Owner Company:	Queens Community Board 2
Owner Address:	43-22 50th street, 2nd Floor
Owner Addr2:	Not reported
Owner City,St,Zip:	Woodside, NY 11377
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	c/o Galasso Trucking
Owner Company:	Sagres 9, LLC
Owner Address:	2 Galasso place
Owner Addr2:	Not reported
Owner City,St,Zip:	Maspeth, NY 11378
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	New Found LLC
Owner Address:	46-27 54th Road
Owner Addr2:	Not reported
Owner City,St,Zip:	Maspeth, NY 11378
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Robinson Bros. Inc.
Owner Address:	55-15 43rd street
Owner Addr2:	Not reported
Owner City,St,Zip:	Maspeth, NY 11378
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Sagres 8 LLC
Owner Address:	c/o Galasso Trucking
Owner Addr2:	2 Galasso Place
Owner City,St,Zip:	Maspeth, NY 111378
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Jetro Cash & Carry Enterprises LLC

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Owner Address:	43-40 57th Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Maspeth, NY 11378
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Parcel 3 Maspeth LLC
Owner Address:	132 Sutton Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11222
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Patriot (2010) LLC
Owner Address:	2 Galasso Place
Owner Addr2:	Not reported
Owner City,St,Zip:	Maspeth, NY 11378
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	JMDH Real Estate of Maspeth Parking LLC
Owner Address:	15-24 132nd street
Owner Addr2:	Not reported
Owner City,St,Zip:	College Point, NY 11356
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Jetro Holdings
Owner Address:	55-40 44th Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Queens, NY 11378
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	56th road and 43rd street LLC
Owner Address:	11-20 37th Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Long Island City, NY 11101
Owner Country:	United States of America
Own Op:	1
Sub Type:	01
Owner Name:	Joseph A. Brunner
Owner Company:	Phelps Dodge Refining Corp.
Owner Address:	c/o Freeport-McMoRan Corp.
Owner Addr2:	One North Central Ave.
Owner City,St,Zip:	Phoenix, AZ 85004
Owner Country:	United States of America
Own Op:	1
Sub Type:	E
Owner Name:	Steven Aniftos
Owner Company:	Aniska Realty 1, LLC
Owner Address:	41-43 38th Street

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Owner Addr2:	Not reported
Owner City,St,Zip:	Long Island City, NY 11101
Owner Country:	United States of America
Own Op:	1
Sub Type:	E
Owner Name:	Robert Corroon
Owner Company:	Fifty Seven Avenue Investments, LLC
Owner Address:	c/o Parkwill Management Corp
Owner Addr2:	60 East 56th Street, 9th Floor
Owner City,St,Zip:	New York, NY 10022
Owner Country:	United States of America
HW Code:	241002
Waste Type:	ASBESTOS
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	241002
Waste Type:	MERCURY
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	241002
Waste Type:	CADMIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	241002
Waste Type:	CHROMIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	241002
Waste Type:	COPPER
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	241002
Waste Type:	COPPER
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	241002
Waste Type:	ARSENIC
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	241002
Waste Type:	POLYCHLORINATED BIPHENYLS (PCB)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	015
Cross Ref Type Code:	13
Cross Ref Type:	Senate District
Record Added Date:	1999-11-18 12:00:00
Record Updated:	2005-02-24 15:54:00
Updated By:	INITIAL
Crossref ID:	09
Cross Ref Type Code:	15
Cross Ref Type:	Congressional District
Record Added Date:	1999-11-18 12:00:00
Record Updated:	2005-02-24 15:54:00
Updated By:	INITIAL
Crossref ID:	NYD039138789
Cross Ref Type Code:	05

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Cross Ref Type:	EPA Site ID
Record Added Date:	1999-11-18 12:00:00
Record Updated:	2001-05-10 16:31:00
Updated By:	REGTRANS
Crossref ID:	D2-0001-02-06
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2015-08-10 09:05:00
Record Updated:	2015-08-10 09:05:00
Updated By:	NNCRAWFO
Crossref ID:	A2-0505-0404
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2015-08-10 09:12:00
Record Updated:	2015-08-10 09:12:00
Updated By:	NNCRAWFO
Crossref ID:	D2-0002-07-06
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2015-08-10 09:19:00
Record Updated:	2015-08-10 09:19:00
Updated By:	NNCRAWFO
Crossref ID:	W2-0845-98-11
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2015-08-10 09:01:00
Record Updated:	2015-08-10 09:01:00
Updated By:	NNCRAWFO
Crossref ID:	2004000612957
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2015-08-10 09:35:00
Record Updated:	2015-08-10 09:35:00
Updated By:	NNCRAWFO
Crossref ID:	2004000620024
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2015-08-10 09:45:00
Record Updated:	2015-08-10 09:45:00
Updated By:	NNCRAWFO
Crossref ID:	2004000612956
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2015-08-10 09:43:00
Record Updated:	2015-08-10 09:43:00
Updated By:	NNCRAWFO
Crossref ID:	2004000612851
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2015-08-10 09:49:00
Record Updated:	2015-08-10 09:49:00
Updated By:	NNCRAWFO
Crossref ID:	2005000700832
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2015-08-10 09:48:00
Record Updated:	2015-08-10 09:48:00

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Updated By: NNCRAWFO
Crossref ID: 2014000304102
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:36:00
Record Updated: 2015-08-10 09:36:00
Updated By: NNCRAWFO
Crossref ID: 2004000612986
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:47:00
Record Updated: 2015-08-10 09:47:00
Updated By: NNCRAWFO
Crossref ID: 2015000211032
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-12 15:15:00
Record Updated: 2015-08-12 15:15:00
Updated By: NNCRAWFO
Crossref ID: 2004000771466
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:46:00
Record Updated: 2015-08-10 09:46:00
Updated By: NNCRAWFO
Crossref ID: 2004000612972
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:42:00
Record Updated: 2015-08-10 09:42:00
Updated By: NNCRAWFO
Crossref ID: 2005000575529
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:50:00
Record Updated: 2015-08-10 09:50:00
Updated By: NNCRAWFO

Name: PHELPS DODGE REFINING CORPORATION
Address: 42-02 56TH ROAD
City,State,Zip: MASPETH, NY 11378
Site Code: 58835
HW Code: 241002
Control Code: 15
Control Type: ENG
Date Record Added: 03/25/2016
Date Rec Updated: 12/01/2020
Updated By: NNCRAWFO
Site Description: "Location: This site is located in an urban area at 42-02 56th Road in Maspeth, Queens. It is just east of the Kosciuszko Bridge, i.e., the Brooklyn Queens Expressway (BQE). Newtown Creek flows along the southern boundary of the facility. Site Features: In 2004, Phelps Dodge Refining Corporation (PDRC) sold the property to a developer (Sagres Partners) which has subdivided the site into 10 parcels. Site redevelopment is continuing in phases. Capping of several parcels is completed and various parcels have been developed for industrial uses. Current Zoning/Use(s): This site is zoned for industrial

PHELPS DODGE REFINING CORP (Continued) **1000291443**

purposes. Historical Uses: This site has been industrialized since 1891. PDRC used the facility from 1920-1983 for the production of tri-basic copper sulfate (pesticides), copper and sulfate pentahydrate, and as a copper refinery. Waste sludges from the processes were stored in an unlined lagoon. Plant operations at this facility are discontinued since 1983. In 1986, the PDRC excavated more than 10,000 cubic yards of contaminated soils from a 3.5 acre hotspot area, and transported and disposed this material off-site. Site Geology and Hydrogeology: Examination of site geology indicates that in the following stratigraphic units are present beneath the site in descending order: urban fill; silty sand/silt; peat/meadow mat; silt and clay; sand and gravel; and bedrock. The water table ranges from 2 to 15 feet below the ground surface. Groundwater flow is generally to the south towards Newtown Creek. "

Env Problem: "Nature and Extent of Contamination Prior to Completion of Remediation Surface Soils - The majority of the site was covered with asphalt or concrete pavement or former Building foundations. During the RI, surface soil samples were collected from the various OUs. In locations where concrete or asphalt was present, the surface soil samples were collected from directly beneath the concrete/asphalt. Organic parameters of interest are primarily PAHs (benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a, h)anthracene) and PCBs. Inorganic parameters of interest are antimony, arsenic, barium, cadmium, copper, lead, mercury, nickel, selenium and zinc. Parameters with concentrations above the characteristic hazardous waste limits were cadmium (up to 1.3 ppm vs. TCLP limit of 1 ppm) in two samples, and lead (up to 11.9 ppm vs. TCLP Limit of 5 ppm) in five samples. Subsurface Soils - Parameters with TCLP concentrations above the hazardous waste thresholds are cadmium, lead and mercury. Other metals of interest include antimony, arsenic, copper and chromium were detected in the subsurface soil. SVOCs of interest include benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene. The SVOCs were generally found at isolated locations and in samples collected from within 4 feet of the ground surface. PCBs were found in shallow soil samples (less than 3.5 to 4 feet bgs). Groundwater - VOCs including benzene, tetrachloroethylene, 1,1,1-trichloroethane and 1,1-dichloroethane were detected at concentrations above the Class GA groundwater standards. SVOCs (benzo(a)anthracene, benzo(b)fluoranthene, benzo(a)pyrene, benzo(k)fluoranthene, chrysene, bis(2-ethyhexyl)phthalate and indeno(1, 2, 3-cd) pyrene) were detected at concentrations above the Class GA groundwater standards. Inorganics including antimony, lead, arsenic, cadmium, copper, iron, magnesium, manganese, nickel, selenium, thallium, and zinc were detected in the monitoring wells at concentrations above the Class GA groundwater standards. No PCBs were found in groundwater above Class GA groundwater standards. Soil Vapor - Elevated levels of methane and total non-methane VOCs were detected in several locations which corresponded with the locations of former underground storage tanks and petroleum storage and handling facilities. Sediments - The sediments in the Newtown Creek and Maspeth Creek adjacent to the Site are being addressed as an individual Operable Unit (OU-6) and were not included in this ROD. Surface Water - The surface waters in the Newtown Creek and Maspeth Creek adjacent to the Site are being addressed separately (see site no. 241117). "

Health Problem: "The potential for human exposure is limited to physical contact with

PHELPS DODGE REFINING CORP (Continued) **1000291443**

contaminated soils on-site. Access to the site is restricted by fences and security personnel. Remediation of the site includes a site-specific cap, which will minimize the potential for expsoures. Areas adjacent to the site are heavily developed with commercial/industrial facilities. Off-site exposures to site related contaminants are not expected. The surrounding area is served by public water."

Dump:	False
Structure:	False
Lagoon:	True
Landfill:	False
Pond:	False
Disp Start:	1940
Disp Term:	1983
Lat/Long:	40:43:34:0 / 73:55:32:0
Dell:	False
Record Add:	1999-11-18 12:00:00
Record Upd:	2013-09-19 15:08:00
Updated By:	kbdilige
Own Op:	1
Sub Type:	05
Owner Name:	Frank Galasso
Owner Company:	Sagres Partners, LLC
Owner Address:	c/o Galasso Trucking
Owner Addr2:	2 Galasso Place
Owner City,St,Zip:	Maspeth, NY 11378
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Usha Pinto
Owner Company:	Queens Borough Public Library Maspeth Branch
Owner Address:	69-70 Grand Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Maspeth, NY 11378
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	Joe Brunner
Owner Company:	LHD Ventures
Owner Address:	c/o Freeport-McMoran Inc
Owner Addr2:	333 North Central Avenue
Owner City,St,Zip:	Phoenix, AZ 85004
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Anne Bagnall
Owner Company:	Queens Library at Sunnyside
Owner Address:	4306 Greenpoint Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Sunnyside, NY 11104
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	Joe Brunner
Owner Company:	PDRC Laurel Hill 9 LLC
Owner Address:	c/o Freeport-McMoRan Inc
Owner Addr2:	333 North Central Avenue

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Owner City,St,Zip:	Phoenix, AZ 85004
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Laura Mulvihill
Owner Company:	Queens Community Board #5
Owner Address:	61-23 Myrtle Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Glendale, NY 11385
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Debra Markell Kleinert
Owner Company:	Queens Community Board 2
Owner Address:	43-22 50th street, 2nd Floor
Owner Addr2:	Not reported
Owner City,St,Zip:	Woodside, NY 11377
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	c/o Galasso Trucking
Owner Company:	Sagres 9, LLC
Owner Address:	2 Galasso place
Owner Addr2:	Not reported
Owner City,St,Zip:	Maspeth, NY 11378
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	New Found LLC
Owner Address:	46-27 54th Road
Owner Addr2:	Not reported
Owner City,St,Zip:	Maspeth, NY 11378
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Robinson Bros. Inc.
Owner Address:	55-15 43rd street
Owner Addr2:	Not reported
Owner City,St,Zip:	Maspeth, NY 11378
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Sagres 8 LLC
Owner Address:	c/o Galasso Trucking
Owner Addr2:	2 Galasso Place
Owner City,St,Zip:	Maspeth, NY 111378
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Jetro Cash & Carry Enterprises LLC
Owner Address:	43-40 57th Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Maspeth, NY 11378

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Parcel 3 Maspeth LLC
Owner Address:	132 Sutton Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11222
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Patriot (2010) LLC
Owner Address:	2 Galasso Place
Owner Addr2:	Not reported
Owner City,St,Zip:	Maspeth, NY 11378
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	JMDH Real Estate of Maspeth Parking LLC
Owner Address:	15-24 132nd street
Owner Addr2:	Not reported
Owner City,St,Zip:	College Point, NY 11356
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Jetro Holdings
Owner Address:	55-40 44th Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Queens, NY 11378
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	56th road and 43rd street LLC
Owner Address:	11-20 37th Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Long Island City, NY 11101
Owner Country:	United States of America
Own Op:	1
Sub Type:	01
Owner Name:	Joseph A. Brunner
Owner Company:	Phelps Dodge Refining Corp.
Owner Address:	c/o Freeport-McMoRan Corp.
Owner Addr2:	One North Central Ave.
Owner City,St,Zip:	Phoenix, AZ 85004
Owner Country:	United States of America
Own Op:	1
Sub Type:	E
Owner Name:	Steven Aniftos
Owner Company:	Aniska Realty 1, LLC
Owner Address:	41-43 38th Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Long Island City, NY 11101
Owner Country:	United States of America

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Own Op:	1
Sub Type:	E
Owner Name:	Robert Corroon
Owner Company:	Fifty Seven Avenue Investments, LLC
Owner Address:	c/o Parkwill Management Corp
Owner Addr2:	60 East 56th Street, 9th Floor
Owner City,St,Zip:	New York, NY 10022
Owner Country:	United States of America
HW Code:	241002
Waste Type:	ASBESTOS
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	241002
Waste Type:	MERCURY
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	241002
Waste Type:	CADMIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	241002
Waste Type:	CHROMIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	241002
Waste Type:	COPPER
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	241002
Waste Type:	COPPER
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	241002
Waste Type:	ARSENIC
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	241002
Waste Type:	POLYCHLORINATED BIPHENYLS (PCB)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	015
Cross Ref Type Code:	13
Cross Ref Type:	Senate District
Record Added Date:	1999-11-18 12:00:00
Record Updated:	2005-02-24 15:54:00
Updated By:	INITIAL
Crossref ID:	09
Cross Ref Type Code:	15
Cross Ref Type:	Congressional District
Record Added Date:	1999-11-18 12:00:00
Record Updated:	2005-02-24 15:54:00
Updated By:	INITIAL
Crossref ID:	NYD039138789
Cross Ref Type Code:	05
Cross Ref Type:	EPA Site ID
Record Added Date:	1999-11-18 12:00:00
Record Updated:	2001-05-10 16:31:00

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Updated By: REGTRANS
Crossref ID: D2-0001-02-06
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2015-08-10 09:05:00
Record Updated: 2015-08-10 09:05:00
Updated By: NNCRAWFO
Crossref ID: A2-0505-0404
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2015-08-10 09:12:00
Record Updated: 2015-08-10 09:12:00
Updated By: NNCRAWFO
Crossref ID: D2-0002-07-06
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2015-08-10 09:19:00
Record Updated: 2015-08-10 09:19:00
Updated By: NNCRAWFO
Crossref ID: W2-0845-98-11
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2015-08-10 09:01:00
Record Updated: 2015-08-10 09:01:00
Updated By: NNCRAWFO
Crossref ID: 2004000612957
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:35:00
Record Updated: 2015-08-10 09:35:00
Updated By: NNCRAWFO
Crossref ID: 2004000620024
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:45:00
Record Updated: 2015-08-10 09:45:00
Updated By: NNCRAWFO
Crossref ID: 2004000612956
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:43:00
Record Updated: 2015-08-10 09:43:00
Updated By: NNCRAWFO
Crossref ID: 2004000612851
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:49:00
Record Updated: 2015-08-10 09:49:00
Updated By: NNCRAWFO
Crossref ID: 2005000700832
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:48:00
Record Updated: 2015-08-10 09:48:00
Updated By: NNCRAWFO
Crossref ID: 2014000304102
Cross Ref Type Code: 25

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Cross Ref Type:	County Recording Identifier
Record Added Date:	2015-08-10 09:36:00
Record Updated:	2015-08-10 09:36:00
Updated By:	NNCRAWFO
Crossref ID:	2004000612986
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2015-08-10 09:47:00
Record Updated:	2015-08-10 09:47:00
Updated By:	NNCRAWFO
Crossref ID:	2015000211032
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2015-08-12 15:15:00
Record Updated:	2015-08-12 15:15:00
Updated By:	NNCRAWFO
Crossref ID:	2004000771466
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2015-08-10 09:46:00
Record Updated:	2015-08-10 09:46:00
Updated By:	NNCRAWFO
Crossref ID:	2004000612972
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2015-08-10 09:42:00
Record Updated:	2015-08-10 09:42:00
Updated By:	NNCRAWFO
Crossref ID:	2005000575529
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2015-08-10 09:50:00
Record Updated:	2015-08-10 09:50:00
Updated By:	NNCRAWFO

INST CONTROL:

Name:	PHELPS DODGE REFINING CORPORATION
Address:	42-02 56TH ROAD
City,State,Zip:	MASPETH, NY 11378
Site Code:	58835
Control Name:	IC/EC Plan
HW Code:	241002
Control Code:	34
Control Type:	INST
Dt record added:	04/24/2007
Dt rec updated:	12/01/2020
Updated By:	NNCRAWFO
Site Code:	58835
Site Description:	"Location: This site is located in an urban area at 42-02 56th Road in Maspeth, Queens. It is just east of the Kosciuszko Bridge, i.e., the Brooklyn Queens Expressway (BQE). Newtown Creek flows along the southern boundary of the facility. Site Features: In 2004, Phelps Dodge Refining Corporation (PDRC) sold the property to a developer (Sagres Partners) which has subdivided the site into 10 parcels. Site redevelopment is continuing in phases. Capping of several parcels is completed and various parcels have been developed for industrial uses. Current Zoning/Use(s): This site is zoned for industrial

PHELPS DODGE REFINING CORP (Continued) **1000291443**

purposes. Historical Uses: This site has been industrialized since 1891. PDRC used the facility from 1920-1983 for the production of tri-basic copper sulfate (pesticides), copper and sulfate pentahydrate, and as a copper refinery. Waste sludges from the processes were stored in an unlined lagoon. Plant operations at this facility are discontinued since 1983. In 1986, the PDRC excavated more than 10,000 cubic yards of contaminated soils from a 3.5 acre hotspot area, and transported and disposed this material off-site. Site Geology and Hydrogeology: Examination of site geology indicates that in the following stratigraphic units are present beneath the site in descending order: urban fill; silty sand/silt; peat/meadow mat; silt and clay; sand and gravel; and bedrock. The water table ranges from 2 to 15 feet below the ground surface. Groundwater flow is generally to the south towards Newtown Creek. "

Env Problem: "Nature and Extent of Contamination Prior to Completion of Remediation Surface Soils - The majority of the site was covered with asphalt or concrete pavement or former Building foundations. During the RI, surface soil samples were collected from the various OUs. In locations where concrete or asphalt was present, the surface soil samples were collected from directly beneath the concrete/asphalt. Organic parameters of interest are primarily PAHs (benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene) and PCBs. Inorganic parameters of interest are antimony, arsenic, barium, cadmium, copper, lead, mercury, nickel, selenium and zinc. Parameters with concentrations above the characteristic hazardous waste limits were cadmium (up to 1.3 ppm vs. TCLP limit of 1 ppm) in two samples, and lead (up to 11.9 ppm vs. TCLP Limit of 5 ppm) in five samples. Subsurface Soils - Parameters with TCLP concentrations above the hazardous waste thresholds are cadmium, lead and mercury. Other metals of interest include antimony, arsenic, copper and chromium were detected in the subsurface soil. SVOCs of interest include benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene. The SVOCs were generally found at isolated locations and in samples collected from within 4 feet of the ground surface. PCBs were found in shallow soil samples (less than 3.5 to 4 feet bgs). Groundwater - VOCs including benzene, tetrachloroethylene, 1,1,1-trichloroethane and 1,1-dichloroethane were detected at concentrations above the Class GA groundwater standards. SVOCs (benzo(a)anthracene, benzo(b)fluoranthene, benzo(a)pyrene, benzo(k)fluoranthene, chrysene, bis(2-ethyhexyl)phthalate and indeno(1, 2, 3-cd) pyrene) were detected at concentrations above the Class GA groundwater standards. Inorganics including antimony, lead, arsenic, cadmium, copper, iron, magnesium, manganese, nickel, selenium, thallium, and zinc were detected in the monitoring wells at concentrations above the Class GA groundwater standards. No PCBs were found in groundwater above Class GA groundwater standards. Soil Vapor - Elevated levels of methane and total non-methane VOCs were detected in several locations which corresponded with the locations of former underground storage tanks and petroleum storage and handling facilities. Sediments - The sediments in the Newtown Creek and Maspeth Creek adjacent to the Site are being addressed as an individual Operable Unit (OU-6) and were not included in this ROD. Surface Water - The surface waters in the Newtown Creek and Maspeth Creek adjacent to the Site are being addressed separately (see site no. 241117). "

Health Problem: "The potential for human exposure is limited to physical contact with

PHELPS DODGE REFINING CORP (Continued) **1000291443**

contaminated soils on-site. Access to the site is restricted by fences and security personnel. Remediation of the site includes a site-specific cap, which will minimize the potential for expsoures. Areas adjacent to the site are heavily developed with commercial/industrial facilities. Off-site exposures to site related contaminants are not expected. The surrounding area is served by public water."

Dump: False
Structure: False
Lagoon: True
Landfill: False
Pond: False
Disp Start: 1940
Disp Term: 1983
Lat/Long: 40:43:34:0 / 73:55:32:0
Dell: False
Record Add: 1999-11-18 12:00:00
Record Upd: 2013-09-19 15:08:00
Updated By: kbdilige
Own Op: 1
Sub Type: 05
Owner Name: Frank Galasso
Owner Company: Sagres Partners, LLC
Owner Address: c/o Galasso Trucking
Owner Addr2: 2 Galasso Place
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Usha Pinto
Owner Company: Queens Borough Public Library Maspeth Branch
Owner Address: 69-70 Grand Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Joe Brunner
Owner Company: LHD Ventures
Owner Address: c/o Freeport-McMoran Inc
Owner Addr2: 333 North Central Avenue
Owner City,St,Zip: Phoenix, AZ 85004
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Anne Bagnall
Owner Company: Queens Library at Sunnyside
Owner Address: 4306 Greenpoint Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Sunnyside, NY 11104
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Joe Brunner
Owner Company: PDRC Laurel Hill 9 LLC
Owner Address: c/o Freeport-McMoRan Inc
Owner Addr2: 333 North Central Avenue

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Owner City,St,Zip: Phoenix, AZ 85004
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Laura Mulvihill
Owner Company: Queens Community Board #5
Owner Address: 61-23 Myrtle Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Glendale, NY 11385
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Debra Markell Kleinert
Owner Company: Queens Community Board 2
Owner Address: 43-22 50th street, 2nd Floor
Owner Addr2: Not reported
Owner City,St,Zip: Woodside, NY 11377
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: c/o Galasso Trucking
Owner Company: Sagres 9, LLC
Owner Address: 2 Galasso place
Owner Addr2: Not reported
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: New Found LLC
Owner Address: 46-27 54th Road
Owner Addr2: Not reported
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: Robinson Bros. Inc.
Owner Address: 55-15 43rd street
Owner Addr2: Not reported
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: Sagres 8 LLC
Owner Address: c/o Galasso Trucking
Owner Addr2: 2 Galasso Place
Owner City,St,Zip: Maspeth, NY 111378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: Jetro Cash & Carry Enterprises LLC
Owner Address: 43-40 57th Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Maspeth, NY 11378

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: Parcel 3 Maspeth LLC
Owner Address: 132 Sutton Street
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11222
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: Patriot (2010) LLC
Owner Address: 2 Galasso Place
Owner Addr2: Not reported
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: JMDH Real Estate of Maspeth Parking LLC
Owner Address: 15-24 132nd street
Owner Addr2: Not reported
Owner City,St,Zip: College Point, NY 11356
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: Jetro Holdings
Owner Address: 55-40 44th Street
Owner Addr2: Not reported
Owner City,St,Zip: Queens, NY 11378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: 56th road and 43rd street LLC
Owner Address: 11-20 37th Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Long Island City, NY 11101
Owner Country: United States of America
Own Op: 1
Sub Type: 01
Owner Name: Joseph A. Brunner
Owner Company: Phelps Dodge Refining Corp.
Owner Address: c/o Freeport-McMoRan Corp.
Owner Addr2: One North Central Ave.
Owner City,St,Zip: Phoenix, AZ 85004
Owner Country: United States of America
Own Op: 1
Sub Type: E
Owner Name: Steven Aniftos
Owner Company: Aniska Realty 1, LLC
Owner Address: 41-43 38th Street
Owner Addr2: Not reported
Owner City,St,Zip: Long Island City, NY 11101
Owner Country: United States of America

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Own Op: 1
Sub Type: E
Owner Name: Robert Corroon
Owner Company: Fifty Seven Avenue Investments, LLC
Owner Address: c/o Parkwill Management Corp
Owner Addr2: 60 East 56th Street, 9th Floor
Owner City,St,Zip: New York, NY 10022
Owner Country: United States of America
HW Code: 241002
Waste Type: ASBESTOS
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 241002
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 241002
Waste Type: CADMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 241002
Waste Type: CHROMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 241002
Waste Type: COPPER
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 241002
Waste Type: COPPER
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 241002
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 241002
Waste Type: POLYCHLORINATED BIPHENYLS (PCB)
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 015
Cross Ref Type Code: 13
Cross Ref Type: Senate District
Record Added Date: 1999-11-18 12:00:00
Record Updated: 2005-02-24 15:54:00
Updated By: INITIAL
Crossref ID: 09
Cross Ref Type Code: 15
Cross Ref Type: Congressional District
Record Added Date: 1999-11-18 12:00:00
Record Updated: 2005-02-24 15:54:00
Updated By: INITIAL
Crossref ID: NYD039138789
Cross Ref Type Code: 05
Cross Ref Type: EPA Site ID
Record Added Date: 1999-11-18 12:00:00
Record Updated: 2001-05-10 16:31:00

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Updated By: REGTRANS
Crossref ID: D2-0001-02-06
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2015-08-10 09:05:00
Record Updated: 2015-08-10 09:05:00
Updated By: NNCRAWFO
Crossref ID: A2-0505-0404
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2015-08-10 09:12:00
Record Updated: 2015-08-10 09:12:00
Updated By: NNCRAWFO
Crossref ID: D2-0002-07-06
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2015-08-10 09:19:00
Record Updated: 2015-08-10 09:19:00
Updated By: NNCRAWFO
Crossref ID: W2-0845-98-11
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2015-08-10 09:01:00
Record Updated: 2015-08-10 09:01:00
Updated By: NNCRAWFO
Crossref ID: 2004000612957
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:35:00
Record Updated: 2015-08-10 09:35:00
Updated By: NNCRAWFO
Crossref ID: 2004000620024
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:45:00
Record Updated: 2015-08-10 09:45:00
Updated By: NNCRAWFO
Crossref ID: 2004000612956
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:43:00
Record Updated: 2015-08-10 09:43:00
Updated By: NNCRAWFO
Crossref ID: 2004000612851
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:49:00
Record Updated: 2015-08-10 09:49:00
Updated By: NNCRAWFO
Crossref ID: 2005000700832
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:48:00
Record Updated: 2015-08-10 09:48:00
Updated By: NNCRAWFO
Crossref ID: 2014000304102
Cross Ref Type Code: 25

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:36:00
Record Updated: 2015-08-10 09:36:00
Updated By: NNCRAWFO
Crossref ID: 2004000612986
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:47:00
Record Updated: 2015-08-10 09:47:00
Updated By: NNCRAWFO
Crossref ID: 2015000211032
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-12 15:15:00
Record Updated: 2015-08-12 15:15:00
Updated By: NNCRAWFO
Crossref ID: 2004000771466
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:46:00
Record Updated: 2015-08-10 09:46:00
Updated By: NNCRAWFO
Crossref ID: 2004000612972
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:42:00
Record Updated: 2015-08-10 09:42:00
Updated By: NNCRAWFO
Crossref ID: 2005000575529
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:50:00
Record Updated: 2015-08-10 09:50:00
Updated By: NNCRAWFO

Name: PHELPS DODGE REFINING CORPORATION
Address: 42-02 56TH ROAD
City,State,Zip: MASPETH, NY 11378
Site Code: 58835
Control Name: Environmental Easement
HW Code: 241002
Control Code: J
Control Type: INST
Dt record added: 03/18/2016
Dt rec updated: 12/01/2020
Updated By: NNCRAWFO
Site Code: 58835
Site Description: "Location: This site is located in an urban area at 42-02 56th Road in Maspeth, Queens. It is just east of the Kosciuszko Bridge, i.e., the Brooklyn Queens Expressway (BQE). Newtown Creek flows along the southern boundary of the facility. Site Features: In 2004, Phelps Dodge Refining Corporation (PDRC) sold the property to a developer (Sagres Partners) which has subdivided the site into 10 parcels. Site redevelopment is continuing in phases. Capping of several parcels is completed and various parcels have been developed for industrial uses. Current Zoning/Use(s): This site is zoned for industrial purposes. Historical Uses: This site has been industrialized since

PHELPS DODGE REFINING CORP (Continued) **1000291443**

1891. PDRC used the facility from 1920-1983 for the production of tri-basic copper sulfate (pesticides), copper and sulfate pentahydrate, and as a copper refinery. Waste sludges from the processes were stored in an unlined lagoon. Plant operations at this facility are discontinued since 1983. In 1986, the PDRC excavated more than 10,000 cubic yards of contaminated soils from a 3.5 acre hotspot area, and transported and disposed this material off-site. Site Geology and Hydrogeology: Examination of site geology indicates that in the following stratigraphic units are present beneath the site in descending order: urban fill; silty sand/silt; peat/meadow mat; silt and clay; sand and gravel; and bedrock. The water table ranges from 2 to 15 feet below the ground surface. Groundwater flow is generally to the south towards Newtown Creek. "

Env Problem: "Nature and Extent of Contamination Prior to Completion of Remediation Surface Soils - The majority of the site was covered with asphalt or concrete pavement or former Building foundations. During the RI, surface soil samples were collected from the various OUs. In locations where concrete or asphalt was present, the surface soil samples were collected from directly beneath the concrete/asphalt. Organic parameters of interest are primarily PAHs (benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a, h)anthracene) and PCBs. Inorganic parameters of interest are antimony, arsenic, barium, cadmium, copper, lead, mercury, nickel, selenium and zinc. Parameters with concentrations above the characteristic hazardous waste limits were cadmium (up to 1.3 ppm vs. TCLP limit of 1 ppm) in two samples, and lead (up to 11.9 ppm vs. TCLP Limit of 5 ppm) in five samples. Subsurface Soils - Parameters with TCLP concentrations above the hazardous waste thresholds are cadmium, lead and mercury. Other metals of interest include antimony, arsenic, copper and chromium were detected in the subsurface soil. SVOCs of interest include benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene. The SVOCs were generally found at isolated locations and in samples collected from within 4 feet of the ground surface. PCBs were found in shallow soil samples (less than 3.5 to 4 feet bgs). Groundwater - VOCs including benzene, tetrachloroethylene, 1,1,1-trichloroethane and 1,1-dichloroethane were detected at concentrations above the Class GA groundwater standards. SVOCs (benzo(a)anthracene, benzo(b)fluoranthene, benzo(a)pyrene, benzo(k)fluoranthene, chrysene, bis(2-ethyhexyl)phthalate and indeno(1, 2, 3-cd) pyrene) were detected at concentrations above the Class GA groundwater standards. Inorganics including antimony, lead, arsenic, cadmium, copper, iron, magnesium, manganese, nickel, selenium, thallium, and zinc were detected in the monitoring wells at concentrations above the Class GA groundwater standards. No PCBs were found in groundwater above Class GA groundwater standards. Soil Vapor - Elevated levels of methane and total non-methane VOCs were detected in several locations which corresponded with the locations of former underground storage tanks and petroleum storage and handling facilities. Sediments - The sediments in the Newtown Creek and Maspeth Creek adjacent to the Site are being addressed as an individual Operable Unit (OU-6) and were not included in this ROD. Surface Water - The surface waters in the Newtown Creek and Maspeth Creek adjacent to the Site are being addressed separately (see site no. 241117). "

Health Problem: "The potential for human exposure is limited to physical contact with contaminated soils on-site. Access to the site is restricted by

PHELPS DODGE REFINING CORP (Continued) **1000291443**

fences and security personnel. Remediation of the site includes a site-specific cap, which will minimize the potential for expsoures. Areas adjacent to the site are heavily developed with commercial/industrial facilities. Off-site exposures to site related contaminants are not expected. The surrounding area is served by public water."

Dump: False
Structure: False
Lagoon: True
Landfill: False
Pond: False
Disp Start: 1940
Disp Term: 1983
Lat/Long: 40:43:34:0 / 73:55:32:0
Dell: False
Record Add: 1999-11-18 12:00:00
Record Upd: 2013-09-19 15:08:00
Updated By: kbdilige
Own Op: 1
Sub Type: 05
Owner Name: Frank Galasso
Owner Company: Sagres Partners, LLC
Owner Address: c/o Galasso Trucking
Owner Addr2: 2 Galasso Place
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Usha Pinto
Owner Company: Queens Borough Public Library Maspeth Branch
Owner Address: 69-70 Grand Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Joe Brunner
Owner Company: LHD Ventures
Owner Address: c/o Freeport-McMoran Inc
Owner Addr2: 333 North Central Avenue
Owner City,St,Zip: Phoenix, AZ 85004
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Anne Bagnall
Owner Company: Queens Library at Sunnyside
Owner Address: 4306 Greenpoint Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Sunnyside, NY 11104
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Joe Brunner
Owner Company: PDRC Laurel Hill 9 LLC
Owner Address: c/o Freeport-McMoRan Inc
Owner Addr2: 333 North Central Avenue
Owner City,St,Zip: Phoenix, AZ 85004

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Laura Mulvihill
Owner Company: Queens Community Board #5
Owner Address: 61-23 Myrtle Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Glendale, NY 11385
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Debra Markell Kleinert
Owner Company: Queens Community Board 2
Owner Address: 43-22 50th street, 2nd Floor
Owner Addr2: Not reported
Owner City,St,Zip: Woodside, NY 11377
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: c/o Galasso Trucking
Owner Company: Sagres 9, LLC
Owner Address: 2 Galasso place
Owner Addr2: Not reported
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: New Found LLC
Owner Address: 46-27 54th Road
Owner Addr2: Not reported
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: Robinson Bros. Inc.
Owner Address: 55-15 43rd street
Owner Addr2: Not reported
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: Sagres 8 LLC
Owner Address: c/o Galasso Trucking
Owner Addr2: 2 Galasso Place
Owner City,St,Zip: Maspeth, NY 111378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: Jetro Cash & Carry Enterprises LLC
Owner Address: 43-40 57th Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: Parcel 3 Maspeth LLC
Owner Address: 132 Sutton Street
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11222
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: Patriot (2010) LLC
Owner Address: 2 Galasso Place
Owner Addr2: Not reported
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: JMDH Real Estate of Maspeth Parking LLC
Owner Address: 15-24 132nd street
Owner Addr2: Not reported
Owner City,St,Zip: College Point, NY 11356
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: Jetro Holdings
Owner Address: 55-40 44th Street
Owner Addr2: Not reported
Owner City,St,Zip: Queens, NY 11378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: 56th road and 43rd street LLC
Owner Address: 11-20 37th Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Long Island City, NY 11101
Owner Country: United States of America
Own Op: 1
Sub Type: 01
Owner Name: Joseph A. Brunner
Owner Company: Phelps Dodge Refining Corp.
Owner Address: c/o Freeport-McMoRan Corp.
Owner Addr2: One North Central Ave.
Owner City,St,Zip: Phoenix, AZ 85004
Owner Country: United States of America
Own Op: 1
Sub Type: E
Owner Name: Steven Aniftos
Owner Company: Aniska Realty 1, LLC
Owner Address: 41-43 38th Street
Owner Addr2: Not reported
Owner City,St,Zip: Long Island City, NY 11101
Owner Country: United States of America
Own Op: 1

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Sub Type: E
Owner Name: Robert Corroon
Owner Company: Fifty Seven Avenue Investments, LLC
Owner Address: c/o Parkwill Management Corp
Owner Addr2: 60 East 56th Street, 9th Floor
Owner City,St,Zip: New York, NY 10022
Owner Country: United States of America
HW Code: 241002
Waste Type: ASBESTOS
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 241002
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 241002
Waste Type: CADMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 241002
Waste Type: CHROMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 241002
Waste Type: COPPER
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 241002
Waste Type: COPPER
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 241002
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 241002
Waste Type: POLYCHLORINATED BIPHENYLS (PCB)
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 015
Cross Ref Type Code: 13
Cross Ref Type: Senate District
Record Added Date: 1999-11-18 12:00:00
Record Updated: 2005-02-24 15:54:00
Updated By: INITIAL
Crossref ID: 09
Cross Ref Type Code: 15
Cross Ref Type: Congressional District
Record Added Date: 1999-11-18 12:00:00
Record Updated: 2005-02-24 15:54:00
Updated By: INITIAL
Crossref ID: NYD039138789
Cross Ref Type Code: 05
Cross Ref Type: EPA Site ID
Record Added Date: 1999-11-18 12:00:00
Record Updated: 2001-05-10 16:31:00
Updated By: REGTRANS

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Crossref ID: D2-0001-02-06
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2015-08-10 09:05:00
Record Updated: 2015-08-10 09:05:00
Updated By: NNCRAWFO
Crossref ID: A2-0505-0404
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2015-08-10 09:12:00
Record Updated: 2015-08-10 09:12:00
Updated By: NNCRAWFO
Crossref ID: D2-0002-07-06
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2015-08-10 09:19:00
Record Updated: 2015-08-10 09:19:00
Updated By: NNCRAWFO
Crossref ID: W2-0845-98-11
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2015-08-10 09:01:00
Record Updated: 2015-08-10 09:01:00
Updated By: NNCRAWFO
Crossref ID: 2004000612957
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:35:00
Record Updated: 2015-08-10 09:35:00
Updated By: NNCRAWFO
Crossref ID: 2004000620024
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:45:00
Record Updated: 2015-08-10 09:45:00
Updated By: NNCRAWFO
Crossref ID: 2004000612956
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:43:00
Record Updated: 2015-08-10 09:43:00
Updated By: NNCRAWFO
Crossref ID: 2004000612851
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:49:00
Record Updated: 2015-08-10 09:49:00
Updated By: NNCRAWFO
Crossref ID: 2005000700832
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:48:00
Record Updated: 2015-08-10 09:48:00
Updated By: NNCRAWFO
Crossref ID: 2014000304102
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Record Added Date: 2015-08-10 09:36:00
Record Updated: 2015-08-10 09:36:00
Updated By: NNCRAWFO
Crossref ID: 2004000612986
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:47:00
Record Updated: 2015-08-10 09:47:00
Updated By: NNCRAWFO
Crossref ID: 2015000211032
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-12 15:15:00
Record Updated: 2015-08-12 15:15:00
Updated By: NNCRAWFO
Crossref ID: 2004000771466
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:46:00
Record Updated: 2015-08-10 09:46:00
Updated By: NNCRAWFO
Crossref ID: 2004000612972
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:42:00
Record Updated: 2015-08-10 09:42:00
Updated By: NNCRAWFO
Crossref ID: 2005000575529
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:50:00
Record Updated: 2015-08-10 09:50:00
Updated By: NNCRAWFO

Name: PHELPS DODGE REFINING CORPORATION
Address: 42-02 56TH ROAD
City,State,Zip: MASPETH, NY 11378
Site Code: 58835
Control Name: Monitoring Plan
HW Code: 241002
Control Code: 31
Control Type: INST
Dt record added: 04/24/2007
Dt rec updated: 12/01/2020
Updated By: NNCRAWFO
Site Code: 58835
Site Description: "Location: This site is located in an urban area at 42-02 56th Road in Maspeth, Queens. It is just east of the Kosciuszko Bridge, i.e., the Brooklyn Queens Expressway (BQE). Newtown Creek flows along the southern boundary of the facility. Site Features: In 2004, Phelps Dodge Refining Corporation (PDRC) sold the property to a developer (Sagres Partners) which has subdivided the site into 10 parcels. Site redevelopment is continuing in phases. Capping of several parcels is completed and various parcels have been developed for industrial uses. Current Zoning/Use(s): This site is zoned for industrial purposes. Historical Uses: This site has been industrialized since 1891. PDRC used the facility from 1920-1983 for the production of

PHELPS DODGE REFINING CORP (Continued) **1000291443**

tri-basic copper sulfate (pesticides), copper and sulfate pentahydrate, and as a copper refinery. Waste sludges from the processes were stored in an unlined lagoon. Plant operations at this facility are discontinued since 1983. In 1986, the PDRC excavated more than 10,000 cubic yards of contaminated soils from a 3.5 acre hotspot area, and transported and disposed this material off-site. Site Geology and Hydrogeology: Examination of site geology indicates that in the following stratigraphic units are present beneath the site in descending order: urban fill; silty sand/silt; peat/meadow mat; silt and clay; sand and gravel; and bedrock. The water table ranges from 2 to 15 feet below the ground surface. Groundwater flow is generally to the south towards Newtown Creek. "

Env Problem: "Nature and Extent of Contamination Prior to Completion of Remediation Surface Soils - The majority of the site was covered with asphalt or concrete pavement or former Building foundations. During the RI, surface soil samples were collected from the various OUs. In locations where concrete or asphalt was present, the surface soil samples were collected from directly beneath the concrete/asphalt. Organic parameters of interest are primarily PAHs (benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a, h)anthracene) and PCBs. Inorganic parameters of interest are antimony, arsenic, barium, cadmium, copper, lead, mercury, nickel, selenium and zinc. Parameters with concentrations above the characteristic hazardous waste limits were cadmium (up to 1.3 ppm vs. TCLP limit of 1 ppm) in two samples, and lead (up to 11.9 ppm vs. TCLP Limit of 5 ppm) in five samples. Subsurface Soils - Parameters with TCLP concentrations above the hazardous waste thresholds are cadmium, lead and mercury. Other metals of interest include antimony, arsenic, copper and chromium were detected in the subsurface soil. SVOCs of interest include benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene. The SVOCs were generally found at isolated locations and in samples collected from within 4 feet of the ground surface. PCBs were found in shallow soil samples (less than 3.5 to 4 feet bgs). Groundwater - VOCs including benzene, tetrachloroethylene, 1,1,1-trichloroethane and 1,1-dichloroethane were detected at concentrations above the Class GA groundwater standards. SVOCs (benzo(a)anthracene, benzo(b)fluoranthene, benzo(a)pyrene, benzo(k)fluoranthene, chrysene, bis(2-ethyhexyl)phthalate and indeno(1, 2, 3-cd) pyrene) were detected at concentrations above the Class GA groundwater standards. Inorganics including antimony, lead, arsenic, cadmium, copper, iron, magnesium, manganese, nickel, selenium, thallium, and zinc were detected in the monitoring wells at concentrations above the Class GA groundwater standards. No PCBs were found in groundwater above Class GA groundwater standards. Soil Vapor - Elevated levels of methane and total non-methane VOCs were detected in several locations which corresponded with the locations of former underground storage tanks and petroleum storage and handling facilities. Sediments - The sediments in the Newtown Creek and Maspeth Creek adjacent to the Site are being addressed as an individual Operable Unit (OU-6) and were not included in this ROD. Surface Water - The surface waters in the Newtown Creek and Maspeth Creek adjacent to the Site are being addressed separately (see site no. 241117). "

Health Problem: "The potential for human exposure is limited to physical contact with contaminated soils on-site. Access to the site is restricted by fences and security personnel. Remediation of the site includes a

PHELPS DODGE REFINING CORP (Continued) **1000291443**

site-specific cap, which will minimize the potential for expsoures. Areas adjacent to the site are heavily developed with commercial/industrial facilities. Off-site exposures to site related contaminants are not expected. The surrounding area is served by public water."

Dump: False
Structure: False
Lagoon: True
Landfill: False
Pond: False
Disp Start: 1940
Disp Term: 1983
Lat/Long: 40:43:34:0 / 73:55:32:0
Dell: False
Record Add: 1999-11-18 12:00:00
Record Upd: 2013-09-19 15:08:00
Updated By: kbdilige
Own Op: 1
Sub Type: 05
Owner Name: Frank Galasso
Owner Company: Sagres Partners, LLC
Owner Address: c/o Galasso Trucking
Owner Addr2: 2 Galasso Place
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Usha Pinto
Owner Company: Queens Borough Public Library Maspeth Branch
Owner Address: 69-70 Grand Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Joe Brunner
Owner Company: LHD Ventures
Owner Address: c/o Freeport-McMoran Inc
Owner Addr2: 333 North Central Avenue
Owner City,St,Zip: Phoenix, AZ 85004
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Anne Bagnall
Owner Company: Queens Library at Sunnyside
Owner Address: 4306 Greenpoint Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Sunnyside, NY 11104
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Joe Brunner
Owner Company: PDRC Laurel Hill 9 LLC
Owner Address: c/o Freeport-McMoRan Inc
Owner Addr2: 333 North Central Avenue
Owner City,St,Zip: Phoenix, AZ 85004
Owner Country: United States of America

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Own Op: Document Repository
Sub Type: NNN
Owner Name: Laura Mulvihill
Owner Company: Queens Community Board #5
Owner Address: 61-23 Myrtle Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Glendale, NY 11385
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Debra Markell Kleinert
Owner Company: Queens Community Board 2
Owner Address: 43-22 50th street, 2nd Floor
Owner Addr2: Not reported
Owner City,St,Zip: Woodside, NY 11377
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: c/o Galasso Trucking
Owner Company: Sagres 9, LLC
Owner Address: 2 Galasso place
Owner Addr2: Not reported
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: New Found LLC
Owner Address: 46-27 54th Road
Owner Addr2: Not reported
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: Robinson Bros. Inc.
Owner Address: 55-15 43rd street
Owner Addr2: Not reported
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: Sagres 8 LLC
Owner Address: c/o Galasso Trucking
Owner Addr2: 2 Galasso Place
Owner City,St,Zip: Maspeth, NY 111378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: Jetro Cash & Carry Enterprises LLC
Owner Address: 43-40 57th Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America
Own Op: 1

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Sub Type: NNN
Owner Name: Not reported
Owner Company: Parcel 3 Maspeth LLC
Owner Address: 132 Sutton Street
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11222
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: Patriot (2010) LLC
Owner Address: 2 Galasso Place
Owner Addr2: Not reported
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: JMDH Real Estate of Maspeth Parking LLC
Owner Address: 15-24 132nd street
Owner Addr2: Not reported
Owner City,St,Zip: College Point, NY 11356
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: Jetro Holdings
Owner Address: 55-40 44th Street
Owner Addr2: Not reported
Owner City,St,Zip: Queens, NY 11378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: 56th road and 43rd street LLC
Owner Address: 11-20 37th Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Long Island City, NY 11101
Owner Country: United States of America
Own Op: 1
Sub Type: 01
Owner Name: Joseph A. Brunner
Owner Company: Phelps Dodge Refining Corp.
Owner Address: c/o Freeport-McMoRan Corp.
Owner Addr2: One North Central Ave.
Owner City,St,Zip: Phoenix, AZ 85004
Owner Country: United States of America
Own Op: 1
Sub Type: E
Owner Name: Steven Aniftos
Owner Company: Aniska Realty 1, LLC
Owner Address: 41-43 38th Street
Owner Addr2: Not reported
Owner City,St,Zip: Long Island City, NY 11101
Owner Country: United States of America
Own Op: 1
Sub Type: E

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Owner Name: Robert Corroon
Owner Company: Fifty Seven Avenue Investments, LLC
Owner Address: c/o Parkwill Management Corp
Owner Addr2: 60 East 56th Street, 9th Floor
Owner City,St,Zip: New York, NY 10022
Owner Country: United States of America
HW Code: 241002
Waste Type: ASBESTOS
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 241002
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 241002
Waste Type: CADMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 241002
Waste Type: CHROMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 241002
Waste Type: COPPER
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 241002
Waste Type: COPPER
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 241002
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 241002
Waste Type: POLYCHLORINATED BIPHENYLS (PCB)
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 015
Cross Ref Type Code: 13
Cross Ref Type: Senate District
Record Added Date: 1999-11-18 12:00:00
Record Updated: 2005-02-24 15:54:00
Updated By: INITIAL
Crossref ID: 09
Cross Ref Type Code: 15
Cross Ref Type: Congressional District
Record Added Date: 1999-11-18 12:00:00
Record Updated: 2005-02-24 15:54:00
Updated By: INITIAL
Crossref ID: NYD039138789
Cross Ref Type Code: 05
Cross Ref Type: EPA Site ID
Record Added Date: 1999-11-18 12:00:00
Record Updated: 2001-05-10 16:31:00
Updated By: REGTRANS
Crossref ID: D2-0001-02-06

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2015-08-10 09:05:00
Record Updated: 2015-08-10 09:05:00
Updated By: NNCRAWFO
Crossref ID: A2-0505-0404
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2015-08-10 09:12:00
Record Updated: 2015-08-10 09:12:00
Updated By: NNCRAWFO
Crossref ID: D2-0002-07-06
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2015-08-10 09:19:00
Record Updated: 2015-08-10 09:19:00
Updated By: NNCRAWFO
Crossref ID: W2-0845-98-11
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2015-08-10 09:01:00
Record Updated: 2015-08-10 09:01:00
Updated By: NNCRAWFO
Crossref ID: 2004000612957
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:35:00
Record Updated: 2015-08-10 09:35:00
Updated By: NNCRAWFO
Crossref ID: 2004000620024
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:45:00
Record Updated: 2015-08-10 09:45:00
Updated By: NNCRAWFO
Crossref ID: 2004000612956
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:43:00
Record Updated: 2015-08-10 09:43:00
Updated By: NNCRAWFO
Crossref ID: 2004000612851
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:49:00
Record Updated: 2015-08-10 09:49:00
Updated By: NNCRAWFO
Crossref ID: 2005000700832
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:48:00
Record Updated: 2015-08-10 09:48:00
Updated By: NNCRAWFO
Crossref ID: 2014000304102
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:36:00

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Record Updated: 2015-08-10 09:36:00
Updated By: NNCRAWFO
Crossref ID: 2004000612986
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:47:00
Record Updated: 2015-08-10 09:47:00
Updated By: NNCRAWFO
Crossref ID: 2015000211032
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-12 15:15:00
Record Updated: 2015-08-12 15:15:00
Updated By: NNCRAWFO
Crossref ID: 2004000771466
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:46:00
Record Updated: 2015-08-10 09:46:00
Updated By: NNCRAWFO
Crossref ID: 2004000612972
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:42:00
Record Updated: 2015-08-10 09:42:00
Updated By: NNCRAWFO
Crossref ID: 2005000575529
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:50:00
Record Updated: 2015-08-10 09:50:00
Updated By: NNCRAWFO

Name: PHELPS DODGE REFINING CORPORATION
Address: 42-02 56TH ROAD
City,State,Zip: MASPETH, NY 11378
Site Code: 58835
Control Name: Ground Water Use Restriction
HW Code: 241002
Control Code: 08
Control Type: INST
Dt record added: 03/25/2016
Dt rec updated: 12/01/2020
Updated By: NNCRAWFO
Site Code: 58835
Site Description: "Location: This site is located in an urban area at 42-02 56th Road in Maspeth, Queens. It is just east of the Kosciuszko Bridge, i.e., the Brooklyn Queens Expressway (BQE). Newtown Creek flows along the southern boundary of the facility. Site Features: In 2004, Phelps Dodge Refining Corporation (PDRC) sold the property to a developer (Sagres Partners) which has subdivided the site into 10 parcels. Site redevelopment is continuing in phases. Capping of several parcels is completed and various parcels have been developed for industrial uses. Current Zoning/Use(s): This site is zoned for industrial purposes. Historical Uses: This site has been industrialized since 1891. PDRC used the facility from 1920-1983 for the production of tri-basic copper sulfate (pesticides), copper and sulfate

PHELPS DODGE REFINING CORP (Continued) **1000291443**

pentahydrate, and as a copper refinery. Waste sludges from the processes were stored in an unlined lagoon. Plant operations at this facility are discontinued since 1983. In 1986, the PDRC excavated more than 10,000 cubic yards of contaminated soils from a 3.5 acre hotspot area, and transported and disposed this material off-site. Site Geology and Hydrogeology: Examination of site geology indicates that in the following stratigraphic units are present beneath the site in descending order: urban fill; silty sand/silt; peat/meadow mat; silt and clay; sand and gravel; and bedrock. The water table ranges from 2 to 15 feet below the ground surface. Groundwater flow is generally to the south towards Newtown Creek. "

Env Problem: "Nature and Extent of Contamination Prior to Completion of Remediation Surface Soils - The majority of the site was covered with asphalt or concrete pavement or former Building foundations. During the RI, surface soil samples were collected from the various OUs. In locations where concrete or asphalt was present, the surface soil samples were collected from directly beneath the concrete/asphalt. Organic parameters of interest are primarily PAHs (benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a, h)anthracene) and PCBs. Inorganic parameters of interest are antimony, arsenic, barium, cadmium, copper, lead, mercury, nickel, selenium and zinc. Parameters with concentrations above the characteristic hazardous waste limits were cadmium (up to 1.3 ppm vs. TCLP limit of 1 ppm) in two samples, and lead (up to 11.9 ppm vs. TCLP Limit of 5 ppm) in five samples. Subsurface Soils - Parameters with TCLP concentrations above the hazardous waste thresholds are cadmium, lead and mercury. Other metals of interest include antimony, arsenic, copper and chromium were detected in the subsurface soil. SVOCs of interest include benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene. The SVOCs were generally found at isolated locations and in samples collected from within 4 feet of the ground surface. PCBs were found in shallow soil samples (less than 3.5 to 4 feet bgs). Groundwater - VOCs including benzene, tetrachloroethylene, 1,1,1-trichloroethane and 1,1-dichloroethane were detected at concentrations above the Class GA groundwater standards. SVOCs (benzo(a)anthracene, benzo(b)fluoranthene, benzo(a)pyrene, benzo(k)fluoranthene, chrysene, bis(2-ethyhexyl)phthalate and indeno(1, 2, 3-cd) pyrene) were detected at concentrations above the Class GA groundwater standards. Inorganics including antimony, lead, arsenic, cadmium, copper, iron, magnesium, manganese, nickel, selenium, thallium, and zinc were detected in the monitoring wells at concentrations above the Class GA groundwater standards. No PCBs were found in groundwater above Class GA groundwater standards. Soil Vapor - Elevated levels of methane and total non-methane VOCs were detected in several locations which corresponded with the locations of former underground storage tanks and petroleum storage and handling facilities. Sediments - The sediments in the Newtown Creek and Maspeth Creek adjacent to the Site are being addressed as an individual Operable Unit (OU-6) and were not included in this ROD. Surface Water - The surface waters in the Newtown Creek and Maspeth Creek adjacent to the Site are being addressed separately (see site no. 241117). "

Health Problem: "The potential for human exposure is limited to physical contact with contaminated soils on-site. Access to the site is restricted by fences and security personnel. Remediation of the site includes a site-specific cap, which will minimize the potential for expsoures.

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Areas adjacent to the site are heavily developed with commercial/industrial facilities. Off-site exposures to site related contaminants are not expected. The surrounding area is served by public water."

Dump: False
Structure: False
Lagoon: True
Landfill: False
Pond: False
Disp Start: 1940
Disp Term: 1983
Lat/Long: 40:43:34:0 / 73:55:32:0
Dell: False
Record Add: 1999-11-18 12:00:00
Record Upd: 2013-09-19 15:08:00
Updated By: kbdilige
Own Op: 1
Sub Type: 05
Owner Name: Frank Galasso
Owner Company: Sagres Partners, LLC
Owner Address: c/o Galasso Trucking
Owner Addr2: 2 Galasso Place
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Usha Pinto
Owner Company: Queens Borough Public Library Maspeth Branch
Owner Address: 69-70 Grand Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Joe Brunner
Owner Company: LHD Ventures
Owner Address: c/o Freeport-McMoran Inc
Owner Addr2: 333 North Central Avenue
Owner City,St,Zip: Phoenix, AZ 85004
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Anne Bagnall
Owner Company: Queens Library at Sunnyside
Owner Address: 4306 Greenpoint Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Sunnyside, NY 11104
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Joe Brunner
Owner Company: PDRC Laurel Hill 9 LLC
Owner Address: c/o Freeport-McMoRan Inc
Owner Addr2: 333 North Central Avenue
Owner City,St,Zip: Phoenix, AZ 85004
Owner Country: United States of America
Own Op: Document Repository

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Sub Type: NNN
Owner Name: Laura Mulvihill
Owner Company: Queens Community Board #5
Owner Address: 61-23 Myrtle Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Glendale, NY 11385
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Debra Markell Kleinert
Owner Company: Queens Community Board 2
Owner Address: 43-22 50th street, 2nd Floor
Owner Addr2: Not reported
Owner City,St,Zip: Woodside, NY 11377
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: c/o Galasso Trucking
Owner Company: Sagres 9, LLC
Owner Address: 2 Galasso place
Owner Addr2: Not reported
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: New Found LLC
Owner Address: 46-27 54th Road
Owner Addr2: Not reported
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: Robinson Bros. Inc.
Owner Address: 55-15 43rd street
Owner Addr2: Not reported
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: Sagres 8 LLC
Owner Address: c/o Galasso Trucking
Owner Addr2: 2 Galasso Place
Owner City,St,Zip: Maspeth, NY 111378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: Jetro Cash & Carry Enterprises LLC
Owner Address: 43-40 57th Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Owner Name: Not reported
Owner Company: Parcel 3 Maspeth LLC
Owner Address: 132 Sutton Street
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11222
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: Patriot (2010) LLC
Owner Address: 2 Galasso Place
Owner Addr2: Not reported
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: JMDH Real Estate of Maspeth Parking LLC
Owner Address: 15-24 132nd street
Owner Addr2: Not reported
Owner City,St,Zip: College Point, NY 11356
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: Jetro Holdings
Owner Address: 55-40 44th Street
Owner Addr2: Not reported
Owner City,St,Zip: Queens, NY 11378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: 56th road and 43rd street LLC
Owner Address: 11-20 37th Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Long Island City, NY 11101
Owner Country: United States of America
Own Op: 1
Sub Type: 01
Owner Name: Joseph A. Brunner
Owner Company: Phelps Dodge Refining Corp.
Owner Address: c/o Freeport-McMoRan Corp.
Owner Addr2: One North Central Ave.
Owner City,St,Zip: Phoenix, AZ 85004
Owner Country: United States of America
Own Op: 1
Sub Type: E
Owner Name: Steven Aniftos
Owner Company: Aniska Realty 1, LLC
Owner Address: 41-43 38th Street
Owner Addr2: Not reported
Owner City,St,Zip: Long Island City, NY 11101
Owner Country: United States of America
Own Op: 1
Sub Type: E
Owner Name: Robert Corroon

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Owner Company: Fifty Seven Avenue Investments, LLC
Owner Address: c/o Parkwill Management Corp
Owner Addr2: 60 East 56th Street, 9th Floor
Owner City,St,Zip: New York, NY 10022
Owner Country: United States of America
HW Code: 241002
Waste Type: ASBESTOS
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 241002
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 241002
Waste Type: CADMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 241002
Waste Type: CHROMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 241002
Waste Type: COPPER
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 241002
Waste Type: COPPER
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 241002
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 241002
Waste Type: POLYCHLORINATED BIPHENYLS (PCB)
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 015
Cross Ref Type Code: 13
Cross Ref Type: Senate District
Record Added Date: 1999-11-18 12:00:00
Record Updated: 2005-02-24 15:54:00
Updated By: INITIAL
Crossref ID: 09
Cross Ref Type Code: 15
Cross Ref Type: Congressional District
Record Added Date: 1999-11-18 12:00:00
Record Updated: 2005-02-24 15:54:00
Updated By: INITIAL
Crossref ID: NYD039138789
Cross Ref Type Code: 05
Cross Ref Type: EPA Site ID
Record Added Date: 1999-11-18 12:00:00
Record Updated: 2001-05-10 16:31:00
Updated By: REGTRANS
Crossref ID: D2-0001-02-06
Cross Ref Type Code: 23

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2015-08-10 09:05:00
Record Updated: 2015-08-10 09:05:00
Updated By: NNCRAWFO
Crossref ID: A2-0505-0404
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2015-08-10 09:12:00
Record Updated: 2015-08-10 09:12:00
Updated By: NNCRAWFO
Crossref ID: D2-0002-07-06
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2015-08-10 09:19:00
Record Updated: 2015-08-10 09:19:00
Updated By: NNCRAWFO
Crossref ID: W2-0845-98-11
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2015-08-10 09:01:00
Record Updated: 2015-08-10 09:01:00
Updated By: NNCRAWFO
Crossref ID: 2004000612957
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:35:00
Record Updated: 2015-08-10 09:35:00
Updated By: NNCRAWFO
Crossref ID: 2004000620024
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:45:00
Record Updated: 2015-08-10 09:45:00
Updated By: NNCRAWFO
Crossref ID: 2004000612956
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:43:00
Record Updated: 2015-08-10 09:43:00
Updated By: NNCRAWFO
Crossref ID: 2004000612851
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:49:00
Record Updated: 2015-08-10 09:49:00
Updated By: NNCRAWFO
Crossref ID: 2005000700832
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:48:00
Record Updated: 2015-08-10 09:48:00
Updated By: NNCRAWFO
Crossref ID: 2014000304102
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:36:00
Record Updated: 2015-08-10 09:36:00

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Updated By: NNCRAWFO
Crossref ID: 2004000612986
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:47:00
Record Updated: 2015-08-10 09:47:00
Updated By: NNCRAWFO
Crossref ID: 2015000211032
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-12 15:15:00
Record Updated: 2015-08-12 15:15:00
Updated By: NNCRAWFO
Crossref ID: 2004000771466
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:46:00
Record Updated: 2015-08-10 09:46:00
Updated By: NNCRAWFO
Crossref ID: 2004000612972
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:42:00
Record Updated: 2015-08-10 09:42:00
Updated By: NNCRAWFO
Crossref ID: 2005000575529
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:50:00
Record Updated: 2015-08-10 09:50:00
Updated By: NNCRAWFO

Name: PHELPS DODGE REFINING CORPORATION
Address: 42-02 56TH ROAD
City,State,Zip: MASPETH, NY 11378
Site Code: 58835
Control Name: O&M Plan
HW Code: 241002
Control Code: 33
Control Type: INST
Dt record added: 04/24/2007
Dt rec updated: 12/01/2020
Updated By: NNCRAWFO
Site Code: 58835
Site Description: "Location: This site is located in an urban area at 42-02 56th Road in Maspeth, Queens. It is just east of the Kosciuszko Bridge, i.e., the Brooklyn Queens Expressway (BQE). Newtown Creek flows along the southern boundary of the facility. Site Features: In 2004, Phelps Dodge Refining Corporation (PDRC) sold the property to a developer (Sagres Partners) which has subdivided the site into 10 parcels. Site redevelopment is continuing in phases. Capping of several parcels is completed and various parcels have been developed for industrial uses. Current Zoning/Use(s): This site is zoned for industrial purposes. Historical Uses: This site has been industrialized since 1891. PDRC used the facility from 1920-1983 for the production of tri-basic copper sulfate (pesticides), copper and sulfate pentahydrate, and as a copper refinery. Waste sludges from the

PHELPS DODGE REFINING CORP (Continued) **1000291443**

processes were stored in an unlined lagoon. Plant operations at this facility are discontinued since 1983. In 1986, the PDRC excavated more than 10,000 cubic yards of contaminated soils from a 3.5 acre hotspot area, and transported and disposed this material off-site. Site Geology and Hydrogeology: Examination of site geology indicates that in the following stratigraphic units are present beneath the site in descending order: urban fill; silty sand/silt; peat/meadow mat; silt and clay; sand and gravel; and bedrock. The water table ranges from 2 to 15 feet below the ground surface. Groundwater flow is generally to the south towards Newtown Creek. "

Env Problem: "Nature and Extent of Contamination Prior to Completion of Remediation Surface Soils - The majority of the site was covered with asphalt or concrete pavement or former Building foundations. During the RI, surface soil samples were collected from the various OUs. In locations where concrete or asphalt was present, the surface soil samples were collected from directly beneath the concrete/asphalt. Organic parameters of interest are primarily PAHs (benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a, h)anthracene) and PCBs. Inorganic parameters of interest are antimony, arsenic, barium, cadmium, copper, lead, mercury, nickel, selenium and zinc. Parameters with concentrations above the characteristic hazardous waste limits were cadmium (up to 1.3 ppm vs. TCLP limit of 1 ppm) in two samples, and lead (up to 11.9 ppm vs. TCLP Limit of 5 ppm) in five samples. Subsurface Soils - Parameters with TCLP concentrations above the hazardous waste thresholds are cadmium, lead and mercury. Other metals of interest include antimony, arsenic, copper and chromium were detected in the subsurface soil. SVOCs of interest include benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene. The SVOCs were generally found at isolated locations and in samples collected from within 4 feet of the ground surface. PCBs were found in shallow soil samples (less than 3.5 to 4 feet bgs). Groundwater - VOCs including benzene, tetrachloroethylene, 1,1,1-trichloroethane and 1,1-dichloroethane were detected at concentrations above the Class GA groundwater standards. SVOCs (benzo(a)anthracene, benzo(b)fluoranthene, benzo(a)pyrene, benzo(k)fluoranthene, chrysene, bis(2-ethyhexyl)phthalate and indeno(1, 2, 3-cd) pyrene) were detected at concentrations above the Class GA groundwater standards. Inorganics including antimony, lead, arsenic, cadmium, copper, iron, magnesium, manganese, nickel, selenium, thallium, and zinc were detected in the monitoring wells at concentrations above the Class GA groundwater standards. No PCBs were found in groundwater above Class GA groundwater standards. Soil Vapor - Elevated levels of methane and total non-methane VOCs were detected in several locations which corresponded with the locations of former underground storage tanks and petroleum storage and handling facilities. Sediments - The sediments in the Newtown Creek and Maspeth Creek adjacent to the Site are being addressed as an individual Operable Unit (OU-6) and were not included in this ROD. Surface Water - The surface waters in the Newtown Creek and Maspeth Creek adjacent to the Site are being addressed separately (see site no. 241117). "

Health Problem: "The potential for human exposure is limited to physical contact with contaminated soils on-site. Access to the site is restricted by fences and security personnel. Remediation of the site includes a site-specific cap, which will minimize the potential for expsoures. Areas adjacent to the site are heavily developed with

PHELPS DODGE REFINING CORP (Continued) **1000291443**

commercial/industrial facilities. Off-site exposures to site related contaminants are not expected. The surrounding area is served by public water."

Dump: False
Structure: False
Lagoon: True
Landfill: False
Pond: False
Disp Start: 1940
Disp Term: 1983
Lat/Long: 40:43:34:0 / 73:55:32:0
Dell: False
Record Add: 1999-11-18 12:00:00
Record Upd: 2013-09-19 15:08:00
Updated By: kbdilige
Own Op: 1
Sub Type: 05
Owner Name: Frank Galasso
Owner Company: Sagres Partners, LLC
Owner Address: c/o Galasso Trucking
Owner Addr2: 2 Galasso Place
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Usha Pinto
Owner Company: Queens Borough Public Library Maspeth Branch
Owner Address: 69-70 Grand Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Joe Brunner
Owner Company: LHD Ventures
Owner Address: c/o Freeport-McMoran Inc
Owner Addr2: 333 North Central Avenue
Owner City,St,Zip: Phoenix, AZ 85004
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Anne Bagnall
Owner Company: Queens Library at Sunnyside
Owner Address: 4306 Greenpoint Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Sunnyside, NY 11104
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Joe Brunner
Owner Company: PDRC Laurel Hill 9 LLC
Owner Address: c/o Freeport-McMoRan Inc
Owner Addr2: 333 North Central Avenue
Owner City,St,Zip: Phoenix, AZ 85004
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Owner Name: Laura Mulvihill
Owner Company: Queens Community Board #5
Owner Address: 61-23 Myrtle Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Glendale, NY 11385
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Debra Markell Kleinert
Owner Company: Queens Community Board 2
Owner Address: 43-22 50th street, 2nd Floor
Owner Addr2: Not reported
Owner City,St,Zip: Woodside, NY 11377
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: c/o Galasso Trucking
Owner Company: Sagres 9, LLC
Owner Address: 2 Galasso place
Owner Addr2: Not reported
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: New Found LLC
Owner Address: 46-27 54th Road
Owner Addr2: Not reported
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: Robinson Bros. Inc.
Owner Address: 55-15 43rd street
Owner Addr2: Not reported
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: Sagres 8 LLC
Owner Address: c/o Galasso Trucking
Owner Addr2: 2 Galasso Place
Owner City,St,Zip: Maspeth, NY 111378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: Jetro Cash & Carry Enterprises LLC
Owner Address: 43-40 57th Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Owner Company: Parcel 3 Maspeth LLC
Owner Address: 132 Sutton Street
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11222
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: Patriot (2010) LLC
Owner Address: 2 Galasso Place
Owner Addr2: Not reported
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: JMDH Real Estate of Maspeth Parking LLC
Owner Address: 15-24 132nd street
Owner Addr2: Not reported
Owner City,St,Zip: College Point, NY 11356
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: Jetro Holdings
Owner Address: 55-40 44th Street
Owner Addr2: Not reported
Owner City,St,Zip: Queens, NY 11378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: 56th road and 43rd street LLC
Owner Address: 11-20 37th Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Long Island City, NY 11101
Owner Country: United States of America
Own Op: 1
Sub Type: 01
Owner Name: Joseph A. Brunner
Owner Company: Phelps Dodge Refining Corp.
Owner Address: c/o Freeport-McMoRan Corp.
Owner Addr2: One North Central Ave.
Owner City,St,Zip: Phoenix, AZ 85004
Owner Country: United States of America
Own Op: 1
Sub Type: E
Owner Name: Steven Aniftos
Owner Company: Aniska Realty 1, LLC
Owner Address: 41-43 38th Street
Owner Addr2: Not reported
Owner City,St,Zip: Long Island City, NY 11101
Owner Country: United States of America
Own Op: 1
Sub Type: E
Owner Name: Robert Corroon
Owner Company: Fifty Seven Avenue Investments, LLC

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Owner Address: c/o Parkwill Management Corp
Owner Addr2: 60 East 56th Street, 9th Floor
Owner City,St,Zip: New York, NY 10022
Owner Country: United States of America
HW Code: 241002
Waste Type: ASBESTOS
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 241002
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 241002
Waste Type: CADMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 241002
Waste Type: CHROMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 241002
Waste Type: COPPER
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 241002
Waste Type: COPPER
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 241002
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 241002
Waste Type: POLYCHLORINATED BIPHENYLS (PCB)
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 015
Cross Ref Type Code: 13
Cross Ref Type: Senate District
Record Added Date: 1999-11-18 12:00:00
Record Updated: 2005-02-24 15:54:00
Updated By: INITIAL
Crossref ID: 09
Cross Ref Type Code: 15
Cross Ref Type: Congressional District
Record Added Date: 1999-11-18 12:00:00
Record Updated: 2005-02-24 15:54:00
Updated By: INITIAL
Crossref ID: NYD039138789
Cross Ref Type Code: 05
Cross Ref Type: EPA Site ID
Record Added Date: 1999-11-18 12:00:00
Record Updated: 2001-05-10 16:31:00
Updated By: REGTRANS
Crossref ID: D2-0001-02-06
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Record Added Date: 2015-08-10 09:05:00
Record Updated: 2015-08-10 09:05:00
Updated By: NNCRAWFO
Crossref ID: A2-0505-0404
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2015-08-10 09:12:00
Record Updated: 2015-08-10 09:12:00
Updated By: NNCRAWFO
Crossref ID: D2-0002-07-06
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2015-08-10 09:19:00
Record Updated: 2015-08-10 09:19:00
Updated By: NNCRAWFO
Crossref ID: W2-0845-98-11
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2015-08-10 09:01:00
Record Updated: 2015-08-10 09:01:00
Updated By: NNCRAWFO
Crossref ID: 2004000612957
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:35:00
Record Updated: 2015-08-10 09:35:00
Updated By: NNCRAWFO
Crossref ID: 2004000620024
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:45:00
Record Updated: 2015-08-10 09:45:00
Updated By: NNCRAWFO
Crossref ID: 2004000612956
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:43:00
Record Updated: 2015-08-10 09:43:00
Updated By: NNCRAWFO
Crossref ID: 2004000612851
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:49:00
Record Updated: 2015-08-10 09:49:00
Updated By: NNCRAWFO
Crossref ID: 2005000700832
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:48:00
Record Updated: 2015-08-10 09:48:00
Updated By: NNCRAWFO
Crossref ID: 2014000304102
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:36:00
Record Updated: 2015-08-10 09:36:00
Updated By: NNCRAWFO

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Crossref ID: 2004000612986
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:47:00
Record Updated: 2015-08-10 09:47:00
Updated By: NNCRAWFO
Crossref ID: 2015000211032
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-12 15:15:00
Record Updated: 2015-08-12 15:15:00
Updated By: NNCRAWFO
Crossref ID: 2004000771466
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:46:00
Record Updated: 2015-08-10 09:46:00
Updated By: NNCRAWFO
Crossref ID: 2004000612972
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:42:00
Record Updated: 2015-08-10 09:42:00
Updated By: NNCRAWFO
Crossref ID: 2005000575529
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:50:00
Record Updated: 2015-08-10 09:50:00
Updated By: NNCRAWFO

Name: PHELPS DODGE REFINING CORPORATION
Address: 42-02 56TH ROAD
City,State,Zip: MASPETH, NY 11378
Site Code: 58835
Control Name: Site Management Plan
HW Code: 241002
Control Code: 32
Control Type: INST
Dt record added: 03/25/2016
Dt rec updated: 12/01/2020
Updated By: NNCRAWFO
Site Code: 58835
Site Description: "Location: This site is located in an urban area at 42-02 56th Road in Maspeth, Queens. It is just east of the Kosciuszko Bridge, i.e., the Brooklyn Queens Expressway (BQE). Newtown Creek flows along the southern boundary of the facility. Site Features: In 2004, Phelps Dodge Refining Corporation (PDRC) sold the property to a developer (Sagres Partners) which has subdivided the site into 10 parcels. Site redevelopment is continuing in phases. Capping of several parcels is completed and various parcels have been developed for industrial uses. Current Zoning/Use(s): This site is zoned for industrial purposes. Historical Uses: This site has been industrialized since 1891. PDRC used the facility from 1920-1983 for the production of tri-basic copper sulfate (pesticides), copper and sulfate pentahydrate, and as a copper refinery. Waste sludges from the processes were stored in an unlined lagoon. Plant operations at this

PHELPS DODGE REFINING CORP (Continued) **1000291443**

facility are discontinued since 1983. In 1986, the PDRC excavated more than 10,000 cubic yards of contaminated soils from a 3.5 acre hotspot area, and transported and disposed this material off-site. Site Geology and Hydrogeology: Examination of site geology indicates that in the following stratigraphic units are present beneath the site in descending order: urban fill; silty sand/silt; peat/meadow mat; silt and clay; sand and gravel; and bedrock. The water table ranges from 2 to 15 feet below the ground surface. Groundwater flow is generally to the south towards Newtown Creek. "

Env Problem: "Nature and Extent of Contamination Prior to Completion of Remediation Surface Soils - The majority of the site was covered with asphalt or concrete pavement or former Building foundations. During the RI, surface soil samples were collected from the various OUs. In locations where concrete or asphalt was present, the surface soil samples were collected from directly beneath the concrete/asphalt. Organic parameters of interest are primarily PAHs (benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene) and PCBs. Inorganic parameters of interest are antimony, arsenic, barium, cadmium, copper, lead, mercury, nickel, selenium and zinc. Parameters with concentrations above the characteristic hazardous waste limits were cadmium (up to 1.3 ppm vs. TCLP limit of 1 ppm) in two samples, and lead (up to 11.9 ppm vs. TCLP Limit of 5 ppm) in five samples. Subsurface Soils - Parameters with TCLP concentrations above the hazardous waste thresholds are cadmium, lead and mercury. Other metals of interest include antimony, arsenic, copper and chromium were detected in the subsurface soil. SVOCs of interest include benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene. The SVOCs were generally found at isolated locations and in samples collected from within 4 feet of the ground surface. PCBs were found in shallow soil samples (less than 3.5 to 4 feet bgs). Groundwater - VOCs including benzene, tetrachloroethylene, 1,1,1-trichloroethane and 1,1-dichloroethane were detected at concentrations above the Class GA groundwater standards. SVOCs (benzo(a)anthracene, benzo(b)fluoranthene, benzo(a)pyrene, benzo(k)fluoranthene, chrysene, bis(2-ethyhexyl)phthalate and indeno(1, 2, 3-cd) pyrene) were detected at concentrations above the Class GA groundwater standards. Inorganics including antimony, lead, arsenic, cadmium, copper, iron, magnesium, manganese, nickel, selenium, thallium, and zinc were detected in the monitoring wells at concentrations above the Class GA groundwater standards. No PCBs were found in groundwater above Class GA groundwater standards. Soil Vapor - Elevated levels of methane and total non-methane VOCs were detected in several locations which corresponded with the locations of former underground storage tanks and petroleum storage and handling facilities. Sediments - The sediments in the Newtown Creek and Maspeth Creek adjacent to the Site are being addressed as an individual Operable Unit (OU-6) and were not included in this ROD. Surface Water - The surface waters in the Newtown Creek and Maspeth Creek adjacent to the Site are being addressed separately (see site no. 241117). "

Health Problem: "The potential for human exposure is limited to physical contact with contaminated soils on-site. Access to the site is restricted by fences and security personnel. Remediation of the site includes a site-specific cap, which will minimize the potential for expsoures. Areas adjacent to the site are heavily developed with commercial/industrial facilities. Off-site exposures to site related

PHELPS DODGE REFINING CORP (Continued) **1000291443**

contaminants are not expected. The surrounding area is served by public water."
Dump: False
Structure: False
Lagoon: True
Landfill: False
Pond: False
Disp Start: 1940
Disp Term: 1983
Lat/Long: 40:43:34:0 / 73:55:32:0
Dell: False
Record Add: 1999-11-18 12:00:00
Record Upd: 2013-09-19 15:08:00
Updated By: kbdilige
Own Op: 1
Sub Type: 05
Owner Name: Frank Galasso
Owner Company: Sagres Partners, LLC
Owner Address: c/o Galasso Trucking
Owner Addr2: 2 Galasso Place
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Usha Pinto
Owner Company: Queens Borough Public Library Maspeth Branch
Owner Address: 69-70 Grand Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Joe Brunner
Owner Company: LHD Ventures
Owner Address: c/o Freeport-McMoran Inc
Owner Addr2: 333 North Central Avenue
Owner City,St,Zip: Phoenix, AZ 85004
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Anne Bagnall
Owner Company: Queens Library at Sunnyside
Owner Address: 4306 Greenpoint Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Sunnyside, NY 11104
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Joe Brunner
Owner Company: PDRC Laurel Hill 9 LLC
Owner Address: c/o Freeport-McMoRan Inc
Owner Addr2: 333 North Central Avenue
Owner City,St,Zip: Phoenix, AZ 85004
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Laura Mulvihill

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Owner Company: Queens Community Board #5
Owner Address: 61-23 Myrtle Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Glendale, NY 11385
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Debra Markell Kleinert
Owner Company: Queens Community Board 2
Owner Address: 43-22 50th street, 2nd Floor
Owner Addr2: Not reported
Owner City,St,Zip: Woodside, NY 11377
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: c/o Galasso Trucking
Owner Company: Sagres 9, LLC
Owner Address: 2 Galasso place
Owner Addr2: Not reported
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: New Found LLC
Owner Address: 46-27 54th Road
Owner Addr2: Not reported
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: Robinson Bros. Inc.
Owner Address: 55-15 43rd street
Owner Addr2: Not reported
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: Sagres 8 LLC
Owner Address: c/o Galasso Trucking
Owner Addr2: 2 Galasso Place
Owner City,St,Zip: Maspeth, NY 111378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: Jetro Cash & Carry Enterprises LLC
Owner Address: 43-40 57th Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: Parcel 3 Maspeth LLC

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Owner Address: 132 Sutton Street
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11222
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: Patriot (2010) LLC
Owner Address: 2 Galasso Place
Owner Addr2: Not reported
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: JMDH Real Estate of Maspeth Parking LLC
Owner Address: 15-24 132nd street
Owner Addr2: Not reported
Owner City,St,Zip: College Point, NY 11356
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: Jetro Holdings
Owner Address: 55-40 44th Street
Owner Addr2: Not reported
Owner City,St,Zip: Queens, NY 11378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: 56th road and 43rd street LLC
Owner Address: 11-20 37th Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Long Island City, NY 11101
Owner Country: United States of America
Own Op: 1
Sub Type: 01
Owner Name: Joseph A. Brunner
Owner Company: Phelps Dodge Refining Corp.
Owner Address: c/o Freeport-McMoRan Corp.
Owner Addr2: One North Central Ave.
Owner City,St,Zip: Phoenix, AZ 85004
Owner Country: United States of America
Own Op: 1
Sub Type: E
Owner Name: Steven Aniftos
Owner Company: Aniska Realty 1, LLC
Owner Address: 41-43 38th Street
Owner Addr2: Not reported
Owner City,St,Zip: Long Island City, NY 11101
Owner Country: United States of America
Own Op: 1
Sub Type: E
Owner Name: Robert Corroon
Owner Company: Fifty Seven Avenue Investments, LLC
Owner Address: c/o Parkwill Management Corp

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Owner Addr2: 60 East 56th Street, 9th Floor
Owner City,St,Zip: New York, NY 10022
Owner Country: United States of America
HW Code: 241002
Waste Type: ASBESTOS
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 241002
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 241002
Waste Type: CADMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 241002
Waste Type: CHROMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 241002
Waste Type: COPPER
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 241002
Waste Type: COPPER
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 241002
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 241002
Waste Type: POLYCHLORINATED BIPHENYLS (PCB)
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 015
Cross Ref Type Code: 13
Cross Ref Type: Senate District
Record Added Date: 1999-11-18 12:00:00
Record Updated: 2005-02-24 15:54:00
Updated By: INITIAL
Crossref ID: 09
Cross Ref Type Code: 15
Cross Ref Type: Congressional District
Record Added Date: 1999-11-18 12:00:00
Record Updated: 2005-02-24 15:54:00
Updated By: INITIAL
Crossref ID: NYD039138789
Cross Ref Type Code: 05
Cross Ref Type: EPA Site ID
Record Added Date: 1999-11-18 12:00:00
Record Updated: 2001-05-10 16:31:00
Updated By: REGTRANS
Crossref ID: D2-0001-02-06
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2015-08-10 09:05:00

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Record Updated: 2015-08-10 09:05:00
Updated By: NNCRAWFO
Crossref ID: A2-0505-0404
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2015-08-10 09:12:00
Record Updated: 2015-08-10 09:12:00
Updated By: NNCRAWFO
Crossref ID: D2-0002-07-06
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2015-08-10 09:19:00
Record Updated: 2015-08-10 09:19:00
Updated By: NNCRAWFO
Crossref ID: W2-0845-98-11
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2015-08-10 09:01:00
Record Updated: 2015-08-10 09:01:00
Updated By: NNCRAWFO
Crossref ID: 2004000612957
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:35:00
Record Updated: 2015-08-10 09:35:00
Updated By: NNCRAWFO
Crossref ID: 2004000620024
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:45:00
Record Updated: 2015-08-10 09:45:00
Updated By: NNCRAWFO
Crossref ID: 2004000612956
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:43:00
Record Updated: 2015-08-10 09:43:00
Updated By: NNCRAWFO
Crossref ID: 2004000612851
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:49:00
Record Updated: 2015-08-10 09:49:00
Updated By: NNCRAWFO
Crossref ID: 2005000700832
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:48:00
Record Updated: 2015-08-10 09:48:00
Updated By: NNCRAWFO
Crossref ID: 2014000304102
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:36:00
Record Updated: 2015-08-10 09:36:00
Updated By: NNCRAWFO
Crossref ID: 2004000612986

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:47:00
Record Updated: 2015-08-10 09:47:00
Updated By: NNCRAWFO
Crossref ID: 2015000211032
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-12 15:15:00
Record Updated: 2015-08-12 15:15:00
Updated By: NNCRAWFO
Crossref ID: 2004000771466
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:46:00
Record Updated: 2015-08-10 09:46:00
Updated By: NNCRAWFO
Crossref ID: 2004000612972
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:42:00
Record Updated: 2015-08-10 09:42:00
Updated By: NNCRAWFO
Crossref ID: 2005000575529
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:50:00
Record Updated: 2015-08-10 09:50:00
Updated By: NNCRAWFO

Name: PHELPS DODGE REFINING CORPORATION
Address: 42-02 56TH ROAD
City,State,Zip: MASPETH, NY 11378
Site Code: 58835
Control Name: Deed Restriction
HW Code: 241002
Control Code: A
Control Type: INST
Dt record added: 03/25/2016
Dt rec updated: 12/01/2020
Updated By: NNCRAWFO
Site Code: 58835
Site Description: "Location: This site is located in an urban area at 42-02 56th Road in Maspeth, Queens. It is just east of the Kosciuszko Bridge, i.e., the Brooklyn Queens Expressway (BQE). Newtown Creek flows along the southern boundary of the facility. Site Features: In 2004, Phelps Dodge Refining Corporation (PDRC) sold the property to a developer (Sagres Partners) which has subdivided the site into 10 parcels. Site redevelopment is continuing in phases. Capping of several parcels is completed and various parcels have been developed for industrial uses. Current Zoning/Use(s): This site is zoned for industrial purposes. Historical Uses: This site has been industrialized since 1891. PDRC used the facility from 1920-1983 for the production of tri-basic copper sulfate (pesticides), copper and sulfate pentahydrate, and as a copper refinery. Waste sludges from the processes were stored in an unlined lagoon. Plant operations at this facility are discontinued since 1983. In 1986, the PDRC excavated

PHELPS DODGE REFINING CORP (Continued) **1000291443**

more than 10,000 cubic yards of contaminated soils from a 3.5 acre hotspot area, and transported and disposed this material off-site. Site Geology and Hydrogeology: Examination of site geology indicates that in the following stratigraphic units are present beneath the site in descending order: urban fill; silty sand/silt; peat/meadow mat; silt and clay; sand and gravel; and bedrock. The water table ranges from 2 to 15 feet below the ground surface. Groundwater flow is generally to the south towards Newtown Creek. "

Env Problem: "Nature and Extent of Contamination Prior to Completion of Remediation Surface Soils - The majority of the site was covered with asphalt or concrete pavement or former Building foundations. During the RI, surface soil samples were collected from the various OUs. In locations where concrete or asphalt was present, the surface soil samples were collected from directly beneath the concrete/asphalt. Organic parameters of interest are primarily PAHs (benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene) and PCBs. Inorganic parameters of interest are antimony, arsenic, barium, cadmium, copper, lead, mercury, nickel, selenium and zinc. Parameters with concentrations above the characteristic hazardous waste limits were cadmium (up to 1.3 ppm vs. TCLP limit of 1 ppm) in two samples, and lead (up to 11.9 ppm vs. TCLP Limit of 5 ppm) in five samples. Subsurface Soils - Parameters with TCLP concentrations above the hazardous waste thresholds are cadmium, lead and mercury. Other metals of interest include antimony, arsenic, copper and chromium were detected in the subsurface soil. SVOCs of interest include benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene. The SVOCs were generally found at isolated locations and in samples collected from within 4 feet of the ground surface. PCBs were found in shallow soil samples (less than 3.5 to 4 feet bgs). Groundwater - VOCs including benzene, tetrachloroethylene, 1,1,1-trichloroethane and 1,1-dichloroethane were detected at concentrations above the Class GA groundwater standards. SVOCs (benzo(a)anthracene, benzo(b)fluoranthene, benzo(a)pyrene, benzo(k)fluoranthene, chrysene, bis(2-ethyhexyl)phthalate and indeno(1, 2, 3-cd) pyrene) were detected at concentrations above the Class GA groundwater standards. Inorganics including antimony, lead, arsenic, cadmium, copper, iron, magnesium, manganese, nickel, selenium, thallium, and zinc were detected in the monitoring wells at concentrations above the Class GA groundwater standards. No PCBs were found in groundwater above Class GA groundwater standards. Soil Vapor - Elevated levels of methane and total non-methane VOCs were detected in several locations which corresponded with the locations of former underground storage tanks and petroleum storage and handling facilities. Sediments - The sediments in the Newtown Creek and Maspeth Creek adjacent to the Site are being addressed as an individual Operable Unit (OU-6) and were not included in this ROD. Surface Water - The surface waters in the Newtown Creek and Maspeth Creek adjacent to the Site are being addressed separately (see site no. 241117). "

Health Problem: "The potential for human exposure is limited to physical contact with contaminated soils on-site. Access to the site is restricted by fences and security personnel. Remediation of the site includes a site-specific cap, which will minimize the potential for expsoures. Areas adjacent to the site are heavily developed with commercial/industrial facilities. Off-site exposures to site related contaminants are not expected. The surrounding area is served by

PHELPS DODGE REFINING CORP (Continued) **1000291443**

public water."
Dump: False
Structure: False
Lagoon: True
Landfill: False
Pond: False
Disp Start: 1940
Disp Term: 1983
Lat/Long: 40:43:34:0 / 73:55:32:0
Dell: False
Record Add: 1999-11-18 12:00:00
Record Upd: 2013-09-19 15:08:00
Updated By: kbdilige
Own Op: 1
Sub Type: 05
Owner Name: Frank Galasso
Owner Company: Sagres Partners, LLC
Owner Address: c/o Galasso Trucking
Owner Addr2: 2 Galasso Place
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Usha Pinto
Owner Company: Queens Borough Public Library Maspeth Branch
Owner Address: 69-70 Grand Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Joe Brunner
Owner Company: LHD Ventures
Owner Address: c/o Freeport-McMoran Inc
Owner Addr2: 333 North Central Avenue
Owner City,St,Zip: Phoenix, AZ 85004
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Anne Bagnall
Owner Company: Queens Library at Sunnyside
Owner Address: 4306 Greenpoint Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Sunnyside, NY 11104
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Joe Brunner
Owner Company: PDRC Laurel Hill 9 LLC
Owner Address: c/o Freeport-McMoRan Inc
Owner Addr2: 333 North Central Avenue
Owner City,St,Zip: Phoenix, AZ 85004
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Laura Mulvihill
Owner Company: Queens Community Board #5

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Owner Address: 61-23 Myrtle Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Glendale, NY 11385
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Debra Markell Kleinert
Owner Company: Queens Community Board 2
Owner Address: 43-22 50th street, 2nd Floor
Owner Addr2: Not reported
Owner City,St,Zip: Woodside, NY 11377
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: c/o Galasso Trucking
Owner Company: Sagres 9, LLC
Owner Address: 2 Galasso place
Owner Addr2: Not reported
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: New Found LLC
Owner Address: 46-27 54th Road
Owner Addr2: Not reported
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: Robinson Bros. Inc.
Owner Address: 55-15 43rd street
Owner Addr2: Not reported
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: Sagres 8 LLC
Owner Address: c/o Galasso Trucking
Owner Addr2: 2 Galasso Place
Owner City,St,Zip: Maspeth, NY 111378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: Jetro Cash & Carry Enterprises LLC
Owner Address: 43-40 57th Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: Parcel 3 Maspeth LLC
Owner Address: 132 Sutton Street

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11222
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: Patriot (2010) LLC
Owner Address: 2 Galasso Place
Owner Addr2: Not reported
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: JMDH Real Estate of Maspeth Parking LLC
Owner Address: 15-24 132nd street
Owner Addr2: Not reported
Owner City,St,Zip: College Point, NY 11356
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: Jetro Holdings
Owner Address: 55-40 44th Street
Owner Addr2: Not reported
Owner City,St,Zip: Queens, NY 11378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: 56th road and 43rd street LLC
Owner Address: 11-20 37th Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Long Island City, NY 11101
Owner Country: United States of America
Own Op: 1
Sub Type: 01
Owner Name: Joseph A. Brunner
Owner Company: Phelps Dodge Refining Corp.
Owner Address: c/o Freeport-McMoRan Corp.
Owner Addr2: One North Central Ave.
Owner City,St,Zip: Phoenix, AZ 85004
Owner Country: United States of America
Own Op: 1
Sub Type: E
Owner Name: Steven Aniftos
Owner Company: Aniska Realty 1, LLC
Owner Address: 41-43 38th Street
Owner Addr2: Not reported
Owner City,St,Zip: Long Island City, NY 11101
Owner Country: United States of America
Own Op: 1
Sub Type: E
Owner Name: Robert Corroon
Owner Company: Fifty Seven Avenue Investments, LLC
Owner Address: c/o Parkwill Management Corp
Owner Addr2: 60 East 56th Street, 9th Floor

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Owner City,St,Zip: New York, NY 10022
Owner Country: United States of America
HW Code: 241002
Waste Type: ASBESTOS
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 241002
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 241002
Waste Type: CADMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 241002
Waste Type: CHROMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 241002
Waste Type: COPPER
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 241002
Waste Type: COPPER
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 241002
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 241002
Waste Type: POLYCHLORINATED BIPHENYLS (PCB)
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 015
Cross Ref Type Code: 13
Cross Ref Type: Senate District
Record Added Date: 1999-11-18 12:00:00
Record Updated: 2005-02-24 15:54:00
Updated By: INITIAL
Crossref ID: 09
Cross Ref Type Code: 15
Cross Ref Type: Congressional District
Record Added Date: 1999-11-18 12:00:00
Record Updated: 2005-02-24 15:54:00
Updated By: INITIAL
Crossref ID: NYD039138789
Cross Ref Type Code: 05
Cross Ref Type: EPA Site ID
Record Added Date: 1999-11-18 12:00:00
Record Updated: 2001-05-10 16:31:00
Updated By: REGTRANS
Crossref ID: D2-0001-02-06
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2015-08-10 09:05:00
Record Updated: 2015-08-10 09:05:00

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Updated By: NNCRAWFO
Crossref ID: A2-0505-0404
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2015-08-10 09:12:00
Record Updated: 2015-08-10 09:12:00
Updated By: NNCRAWFO
Crossref ID: D2-0002-07-06
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2015-08-10 09:19:00
Record Updated: 2015-08-10 09:19:00
Updated By: NNCRAWFO
Crossref ID: W2-0845-98-11
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2015-08-10 09:01:00
Record Updated: 2015-08-10 09:01:00
Updated By: NNCRAWFO
Crossref ID: 2004000612957
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:35:00
Record Updated: 2015-08-10 09:35:00
Updated By: NNCRAWFO
Crossref ID: 2004000620024
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:45:00
Record Updated: 2015-08-10 09:45:00
Updated By: NNCRAWFO
Crossref ID: 2004000612956
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:43:00
Record Updated: 2015-08-10 09:43:00
Updated By: NNCRAWFO
Crossref ID: 2004000612851
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:49:00
Record Updated: 2015-08-10 09:49:00
Updated By: NNCRAWFO
Crossref ID: 2005000700832
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:48:00
Record Updated: 2015-08-10 09:48:00
Updated By: NNCRAWFO
Crossref ID: 2014000304102
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:36:00
Record Updated: 2015-08-10 09:36:00
Updated By: NNCRAWFO
Crossref ID: 2004000612986
Cross Ref Type Code: 25

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:47:00
Record Updated: 2015-08-10 09:47:00
Updated By: NNCRAWFO
Crossref ID: 2015000211032
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-12 15:15:00
Record Updated: 2015-08-12 15:15:00
Updated By: NNCRAWFO
Crossref ID: 2004000771466
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:46:00
Record Updated: 2015-08-10 09:46:00
Updated By: NNCRAWFO
Crossref ID: 2004000612972
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:42:00
Record Updated: 2015-08-10 09:42:00
Updated By: NNCRAWFO
Crossref ID: 2005000575529
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:50:00
Record Updated: 2015-08-10 09:50:00
Updated By: NNCRAWFO

Name: PHELPS DODGE REFINING CORPORATION
Address: 42-02 56TH ROAD
City,State,Zip: MASPETH, NY 11378
Site Code: 58835
Control Name: Landuse Restriction
HW Code: 241002
Control Code: 25
Control Type: INST
Dt record added: 03/25/2016
Dt rec updated: 12/01/2020
Updated By: NNCRAWFO
Site Code: 58835
Site Description: "Location: This site is located in an urban area at 42-02 56th Road in Maspeth, Queens. It is just east of the Kosciuszko Bridge, i.e., the Brooklyn Queens Expressway (BQE). Newtown Creek flows along the southern boundary of the facility. Site Features: In 2004, Phelps Dodge Refining Corporation (PDRC) sold the property to a developer (Sagres Partners) which has subdivided the site into 10 parcels. Site redevelopment is continuing in phases. Capping of several parcels is completed and various parcels have been developed for industrial uses. Current Zoning/Use(s): This site is zoned for industrial purposes. Historical Uses: This site has been industrialized since 1891. PDRC used the facility from 1920-1983 for the production of tri-basic copper sulfate (pesticides), copper and sulfate pentahydrate, and as a copper refinery. Waste sludges from the processes were stored in an unlined lagoon. Plant operations at this facility are discontinued since 1983. In 1986, the PDRC excavated more than 10,000 cubic yards of contaminated soils from a 3.5 acre

PHELPS DODGE REFINING CORP (Continued) **1000291443**

hotspot area, and transported and disposed this material off-site. Site Geology and Hydrogeology: Examination of site geology indicates that in the following stratigraphic units are present beneath the site in descending order: urban fill; silty sand/silt; peat/meadow mat; silt and clay; sand and gravel; and bedrock. The water table ranges from 2 to 15 feet below the ground surface. Groundwater flow is generally to the south towards Newtown Creek. "

Env Problem: "Nature and Extent of Contamination Prior to Completion of Remediation Surface Soils - The majority of the site was covered with asphalt or concrete pavement or former Building foundations. During the RI, surface soil samples were collected from the various OUs. In locations where concrete or asphalt was present, the surface soil samples were collected from directly beneath the concrete/asphalt. Organic parameters of interest are primarily PAHs (benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene) and PCBs. Inorganic parameters of interest are antimony, arsenic, barium, cadmium, copper, lead, mercury, nickel, selenium and zinc. Parameters with concentrations above the characteristic hazardous waste limits were cadmium (up to 1.3 ppm vs. TCLP limit of 1 ppm) in two samples, and lead (up to 11.9 ppm vs. TCLP Limit of 5 ppm) in five samples. Subsurface Soils - Parameters with TCLP concentrations above the hazardous waste thresholds are cadmium, lead and mercury. Other metals of interest include antimony, arsenic, copper and chromium were detected in the subsurface soil. SVOCs of interest include benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene. The SVOCs were generally found at isolated locations and in samples collected from within 4 feet of the ground surface. PCBs were found in shallow soil samples (less than 3.5 to 4 feet bgs). Groundwater - VOCs including benzene, tetrachloroethylene, 1,1,1-trichloroethane and 1,1-dichloroethane were detected at concentrations above the Class GA groundwater standards. SVOCs (benzo(a)anthracene, benzo(b)fluoranthene, benzo(a)pyrene, benzo(k)fluoranthene, chrysene, bis(2-ethyhexyl)phthalate and indeno(1, 2, 3-cd) pyrene) were detected at concentrations above the Class GA groundwater standards. Inorganics including antimony, lead, arsenic, cadmium, copper, iron, magnesium, manganese, nickel, selenium, thallium, and zinc were detected in the monitoring wells at concentrations above the Class GA groundwater standards. No PCBs were found in groundwater above Class GA groundwater standards. Soil Vapor - Elevated levels of methane and total non-methane VOCs were detected in several locations which corresponded with the locations of former underground storage tanks and petroleum storage and handling facilities. Sediments - The sediments in the Newtown Creek and Maspeth Creek adjacent to the Site are being addressed as an individual Operable Unit (OU-6) and were not included in this ROD. Surface Water - The surface waters in the Newtown Creek and Maspeth Creek adjacent to the Site are being addressed separately (see site no. 241117). "

Health Problem: "The potential for human exposure is limited to physical contact with contaminated soils on-site. Access to the site is restricted by fences and security personnel. Remediation of the site includes a site-specific cap, which will minimize the potential for expsoures. Areas adjacent to the site are heavily developed with commercial/industrial facilities. Off-site exposures to site related contaminants are not expected. The surrounding area is served by public water."

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Dump: False
Structure: False
Lagoon: True
Landfill: False
Pond: False
Disp Start: 1940
Disp Term: 1983
Lat/Long: 40:43:34:0 / 73:55:32:0
Dell: False
Record Add: 1999-11-18 12:00:00
Record Upd: 2013-09-19 15:08:00
Updated By: kbdilige
Own Op: 1
Sub Type: 05
Owner Name: Frank Galasso
Owner Company: Sagres Partners, LLC
Owner Address: c/o Galasso Trucking
Owner Addr2: 2 Galasso Place
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Usha Pinto
Owner Company: Queens Borough Public Library Maspeth Branch
Owner Address: 69-70 Grand Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Joe Brunner
Owner Company: LHD Ventures
Owner Address: c/o Freeport-McMoran Inc
Owner Addr2: 333 North Central Avenue
Owner City,St,Zip: Phoenix, AZ 85004
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Anne Bagnall
Owner Company: Queens Library at Sunnyside
Owner Address: 4306 Greenpoint Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Sunnyside, NY 11104
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Joe Brunner
Owner Company: PDRC Laurel Hill 9 LLC
Owner Address: c/o Freeport-McMoRan Inc
Owner Addr2: 333 North Central Avenue
Owner City,St,Zip: Phoenix, AZ 85004
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Laura Mulvihill
Owner Company: Queens Community Board #5
Owner Address: 61-23 Myrtle Avenue

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Owner Addr2: Not reported
Owner City,St,Zip: Glendale, NY 11385
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Debra Markell Kleinert
Owner Company: Queens Community Board 2
Owner Address: 43-22 50th street, 2nd Floor
Owner Addr2: Not reported
Owner City,St,Zip: Woodside, NY 11377
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: c/o Galasso Trucking
Owner Company: Sagres 9, LLC
Owner Address: 2 Galasso place
Owner Addr2: Not reported
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: New Found LLC
Owner Address: 46-27 54th Road
Owner Addr2: Not reported
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: Robinson Bros. Inc.
Owner Address: 55-15 43rd street
Owner Addr2: Not reported
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: Sagres 8 LLC
Owner Address: c/o Galasso Trucking
Owner Addr2: 2 Galasso Place
Owner City,St,Zip: Maspeth, NY 111378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: Jetro Cash & Carry Enterprises LLC
Owner Address: 43-40 57th Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: Parcel 3 Maspeth LLC
Owner Address: 132 Sutton Street
Owner Addr2: Not reported

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Owner City,St,Zip: Brooklyn, NY 11222
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: Patriot (2010) LLC
Owner Address: 2 Galasso Place
Owner Addr2: Not reported
Owner City,St,Zip: Maspeth, NY 11378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: JMDH Real Estate of Maspeth Parking LLC
Owner Address: 15-24 132nd street
Owner Addr2: Not reported
Owner City,St,Zip: College Point, NY 11356
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: Jetro Holdings
Owner Address: 55-40 44th Street
Owner Addr2: Not reported
Owner City,St,Zip: Queens, NY 11378
Owner Country: United States of America
Own Op: 1
Sub Type: NNN
Owner Name: Not reported
Owner Company: 56th road and 43rd street LLC
Owner Address: 11-20 37th Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Long Island City, NY 11101
Owner Country: United States of America
Own Op: 1
Sub Type: 01
Owner Name: Joseph A. Brunner
Owner Company: Phelps Dodge Refining Corp.
Owner Address: c/o Freeport-McMoRan Corp.
Owner Addr2: One North Central Ave.
Owner City,St,Zip: Phoenix, AZ 85004
Owner Country: United States of America
Own Op: 1
Sub Type: E
Owner Name: Steven Aniftos
Owner Company: Aniska Realty 1, LLC
Owner Address: 41-43 38th Street
Owner Addr2: Not reported
Owner City,St,Zip: Long Island City, NY 11101
Owner Country: United States of America
Own Op: 1
Sub Type: E
Owner Name: Robert Corroon
Owner Company: Fifty Seven Avenue Investments, LLC
Owner Address: c/o Parkwill Management Corp
Owner Addr2: 60 East 56th Street, 9th Floor
Owner City,St,Zip: New York, NY 10022

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Owner Country: United States of America
HW Code: 241002
Waste Type: ASBESTOS
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 241002
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 241002
Waste Type: CADMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 241002
Waste Type: CHROMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 241002
Waste Type: COPPER
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 241002
Waste Type: COPPER
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 241002
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 241002
Waste Type: POLYCHLORINATED BIPHENYLS (PCB)
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 015
Cross Ref Type Code: 13
Cross Ref Type: Senate District
Record Added Date: 1999-11-18 12:00:00
Record Updated: 2005-02-24 15:54:00
Updated By: INITIAL
Crossref ID: 09
Cross Ref Type Code: 15
Cross Ref Type: Congressional District
Record Added Date: 1999-11-18 12:00:00
Record Updated: 2005-02-24 15:54:00
Updated By: INITIAL
Crossref ID: NYD039138789
Cross Ref Type Code: 05
Cross Ref Type: EPA Site ID
Record Added Date: 1999-11-18 12:00:00
Record Updated: 2001-05-10 16:31:00
Updated By: REGTRANS
Crossref ID: D2-0001-02-06
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2015-08-10 09:05:00
Record Updated: 2015-08-10 09:05:00
Updated By: NNCRAWFO

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Crossref ID: A2-0505-0404
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2015-08-10 09:12:00
Record Updated: 2015-08-10 09:12:00
Updated By: NNCRAWFO
Crossref ID: D2-0002-07-06
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2015-08-10 09:19:00
Record Updated: 2015-08-10 09:19:00
Updated By: NNCRAWFO
Crossref ID: W2-0845-98-11
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2015-08-10 09:01:00
Record Updated: 2015-08-10 09:01:00
Updated By: NNCRAWFO
Crossref ID: 2004000612957
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:35:00
Record Updated: 2015-08-10 09:35:00
Updated By: NNCRAWFO
Crossref ID: 2004000620024
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:45:00
Record Updated: 2015-08-10 09:45:00
Updated By: NNCRAWFO
Crossref ID: 2004000612956
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:43:00
Record Updated: 2015-08-10 09:43:00
Updated By: NNCRAWFO
Crossref ID: 2004000612851
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:49:00
Record Updated: 2015-08-10 09:49:00
Updated By: NNCRAWFO
Crossref ID: 2005000700832
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:48:00
Record Updated: 2015-08-10 09:48:00
Updated By: NNCRAWFO
Crossref ID: 2014000304102
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:36:00
Record Updated: 2015-08-10 09:36:00
Updated By: NNCRAWFO
Crossref ID: 2004000612986
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Record Added Date: 2015-08-10 09:47:00
Record Updated: 2015-08-10 09:47:00
Updated By: NNCRAWFO
Crossref ID: 2015000211032
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-12 15:15:00
Record Updated: 2015-08-12 15:15:00
Updated By: NNCRAWFO
Crossref ID: 2004000771466
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:46:00
Record Updated: 2015-08-10 09:46:00
Updated By: NNCRAWFO
Crossref ID: 2004000612972
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:42:00
Record Updated: 2015-08-10 09:42:00
Updated By: NNCRAWFO
Crossref ID: 2005000575529
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-08-10 09:50:00
Record Updated: 2015-08-10 09:50:00
Updated By: NNCRAWFO

SPILLS:

Name:	SPILL NUMBER 0302512
Address:	42-02 56TH RD
City,State,Zip:	MASPETH, NY
Spill Number/Closed Date:	0302512 / 2004-09-27
Facility ID:	0302512
Facility Type:	ER
DER Facility ID:	222564
Site ID:	273576
DEC Region:	2
Spill Cause:	Other
Spill Class:	C4
SWIS:	4101
Spill Date:	2003-06-09
Investigator:	CHAWLA
Referred To:	Not reported
Reported to Dept:	2003-06-09
CID:	207
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2003-06-09
Spill Record Last Update:	2004-09-27

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Spiller Name:	ANN WILLIAMSON
Spiller Company:	PHELPS DODGE REFINING
Spiller Address:	1 NORTH CENTRAL AVE
Spiller Company:	001
Contact Name:	ANN WILLIAMSON
DEC Memo:	""
Remarks:	"class 2 inactive haz waste site - petro contamination identified during remedial investigation - remedial plan currently under review by dec and petro was encountered by a buyers due dilligence investigation - excavation was filled back in"

All Materials:

Site ID:	273576
Operable Unit ID:	870265
Operable Unit:	01
Material ID:	562861
Material Code:	0003A
Material Name:	#6 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

NY Financial Assurance 2:

Region:	2
EPA Id Number:	NYD001293489
Company Name:	Phelps Dodge Refining Corporation, Freeport-McMoRan [FA provider]
Closure Cost:	Not reported
Post-Closure Cost:	Not reported
Correction Action Cost:	Not reported
Facility Instrument:	FT - C, PC
Total C, PC, and/or CA cost estimate:	12500000

NY MANIFEST:

Name:	PHELPS DODGE REFINING CORP
Address:	56TH ROAD
City,State,Zip:	MASPETH, NY 11378
Country:	USA
EPA ID:	NYD001293489
Facility Status:	Not reported
Location Address 1:	42-02 56TH RD
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	MASPETH
Location State:	NY
Location Zip:	11378
Location Zip 4:	2003

NY MANIFEST:

EPAID:	NYD001293489
Mailing Name:	PHELPS DODGE REFINING CORP
Mailing Contact:	ROBERT BAUGHMAN
Mailing Address 1:	42-02 56TH ROAD

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Mailing Address 2:	Not reported
Mailing City:	MASPETH
Mailing State:	NY
Mailing Zip:	11378
Mailing Zip 4:	2003
Mailing Country:	USA
Mailing Phone:	7183922853

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	02/15/2008
Trans1 Recv Date:	02/15/2008
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	02/15/2008
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD001293489
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	001385312FLE
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H111
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	1500
Units:	P - Pounds
Number of Containers:	3
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Name:	PHELPS DODGE REFINING CORP
Address:	42-02 56TH RD
City,State,Zip:	MASPETH, NY 11378
Country:	USA
EPA ID:	NYP000784819
Facility Status:	Not reported
Location Address 1:	42-02 56TH RD
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	MASPETH
Location State:	NY
Location Zip:	11378
Location Zip 4:	2003

NY MANIFEST:

EPAID:	NYP000784819
Mailing Name:	PHELPS DODGE REFINING CORP
Mailing Contact:	PHELPS DODGE REFINING CORP
Mailing Address 1:	1501 W FOUNTAINHEAD PKWY
Mailing Address 2:	Not reported
Mailing City:	FLUSHING
Mailing State:	NY
Mailing Zip:	11378
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2127298043

NY MANIFEST:

Document ID:	NYA2418453
Manifest Status:	C
seq:	Not reported
Year:	1985
Trans1 State ID:	Not reported
Trans2 State ID:	Not reported
Generator Ship Date:	02/28/1985
Trans1 Recv Date:	02/28/1985
Trans2 Recv Date:	/ /
TSD Site Recv Date:	03/05/1985
Part A Recv Date:	03/06/1985
Part B Recv Date:	03/18/1985
Generator EPA ID:	NYP000784819
Trans1 EPA ID:	NYD012955134
Trans2 EPA ID:	Not reported
TSDF ID 1:	NYD049836679
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported

PHELPS DODGE REFINING CORP (Continued) **1000291443**

MGMT Method Type Code:	Not reported
Waste Code:	B011 - PCB CONTAMINATED TRANS CONT >500 PPM
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	25310
Units:	P - Pounds
Number of Containers:	002
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	L Landfill.
Specific Gravity:	100

Click this hyperlink while viewing on your computer to access additional NY MANIFEST: detail in the EDR Site Report.

NJ MANIFEST:

EPA Id:	NYD001293489
Mail Address:	Not reported
Mail City/State/Zip:	Not reported
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	Not reported
Comments:	Not reported
SIC Code:	Not reported
County:	00
Municipal:	00
Previous EPA Id:	Not reported
Gen Flag:	X
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	NJA2952099
EPA ID:	NYD001293489
Date Shipped:	11/16/2005
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	11/16/2005
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	11/16/2005
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	02140622
Was Load Rejected:	No
Reason Load Was Rejected:	Not reported

Manifest Number:	NJA5066698
EPA ID:	NYD001293489
Date Shipped:	03/09/2004
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	03/09/2004
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	03/10/2004
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported

PHELPS DODGE REFINING CORP (Continued) **1000291443**

Manifest Discrepancy Type:	Not reported
Data Entry Number:	04020422
Was Load Rejected:	No
Reason Load Was Rejected:	Not reported

Manifest Number:	001385312FLE
EPA ID:	NYD001293489
Date Shipped:	02/15/2008
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	02/15/2008
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	02/15/2008
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	No
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	D008
Hand Code:	H111
Quantity:	1500 P

285
West
1/2-1
0.707 mi.
3731 ft.

FORMER KLINK COSMO CLEANERS
364 RICHARDSON STREET
BROOKLYN, NY 11222

NY SHWS **S109416412**
N/A

Relative:
Higher

Actual:
38 ft.

SHWS:

Name:	FORMER KLINK COSMO CLEANERS
Address:	364 RICHARDSON STREET
City,State,Zip:	BROOKLYN, NY 11222
Program:	HW
Site Code:	405851
Classification:	Significant threat to the public health or environment - action required.
Region:	2
Acres:	1.080
HW Code:	224130
Record Add:	10/28/2008
Record Upd:	03/27/2020
Updated By:	HMDUDEK
Site Description:	"Location The 1.08-acre site is located in the Greenpoint/East Williamsburg industrial section of Brooklyn, NY. The site is located on the southwest corner of the intersection of Vandervoort Avenue and Richardson Street. Please refer to Figures 1 2. Site Features The site is completely covered by a one-story brick building. Numerous other commercial and industrial properties are located to the north, south, and west of the site. The Greenpoint Little League fields and a National Grid energy facility are east of the site across Vandervoort Avenue. A small residential area is located 1-2 blocks north of the site. An eastbound on-ramp to the Brooklyn-Queens Expressway (I-278) is located 4 blocks to the north. Current Zoning and Land Use The site is zoned for (M1) manufacturing. Per NYC Planning, M1 districts typically include light industrial uses, such as woodworking shops, repair shops, and wholesale service and storage facilities. The site is currently used for sheet metal fabrication and offices. Past Use of the Site The Department began a Site Characterization in this area in2007 as part of a plume trackdown investigation (Meeker Avenue Plume Trackdown, Site ID No. 224121). This property was identified as a potential source of contamination based on its past use. Klink Cosmo Cleaners operated as a commercial dry cleaner from the 1950's to the mid 1990's. During that time, hazardous waste (spent halogenated solvents) was generated under EPA ID no. NYD000824334. Site Geology and Hydrogeology The site is underlain by urban fill unit (0.5-8 feet thick), a sand unit (approximately 100 feet thick) with varying textural features, and the Raritan (clay) Formation approximately 110 feet below ground surface (bgs). Groundwater is present approximately 35 feet bgs and flows north to northeast toward Newtown Creek. "
Env Problem:	"Soil and groundwater were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, polychlorinated biphenyls (PCBs), and pesticides. Based upon investigations conducted to date, the primary contaminants of concern include VOCs and metals. Nature and Extent of Contamination: Soil The VOC source area was identified in the northeast corner of the current building at depths from 1 - 35 feet below ground surface (bgs). Tetrachloroethylene (PCE) was detected in soils on-site at concentrations up to 273 parts per million or ppm, exceeding the soil cleanup objective (SCO) for commercial use (150 ppm) and for the protection of groundwater (1.3 ppm). Trichloroethene (TCE) was

FORMER KLINK COSMO CLEANERS (Continued) **S109416412**

detected in two on-site samples which slightly exceed the protection of groundwater SCO (0.47 ppm). PCE contaminated soil exceeding the protection of groundwater SCO extends off-site approximately ten feet to the north and east below the adjacent sidewalks of Vandervoort Avenue and Richardson Street. Metals contamination associated with urban fill was detected in shallow soil on-site. For example, lead was detected up to 2,680 ppm (exceeding the commercial SCO of 1,000 ppm) and arsenic up to 38.7 ppm (exceeding the commercial SCO of 16 ppm). The data does not indicate any off-site metal impacts in soil related to this site. Groundwater Based on the investigations conducted to date, the primary contaminants of concern detected in groundwater include PCE and trichloroethene (TCE). PCE has been found in shallow groundwater at concentrations up to 46,000 parts per billion or ppb (exceeding the groundwater standard of 5 ppb). PCE has also been found in deep groundwater (atop the Raritan clay) up to 4,500 ppb. TCE, a daughter product of PCE, was detected up to 2,100 ppb (exceeding the groundwater standard of 5 ppb). The groundwater plume extends north and east from the site to at least Lombardy street where it becomes co-mingled with contamination originating from other sites. Soil Vapor PCE has been found in soil vapor beneath the site at concentrations up to 2,090,000 micrograms per cubic meter, or ug/m^3. TCE has been found at concentrations up to 7,380 ug/m^3. Soil vapor intrusion sampling has been completed at twenty off-site structures. Actions described in Section 6.2 were needed to address potential exposure at twelve structures. "

Health Problem: "Direct contact with contaminants in the soil is unlikely because the site is covered by a building. Contaminated groundwater at the site is not used for drinking or other purposes and the site is served by a public water supply that obtains water from a different source not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Sub?slab depressurization systems (SSDSs) have been installed in twelve off?site residential buildings to prevent the indoor air quality from being affected by the contamination in soil vapor in the area. SSDSs remain available to homeowners in the vicinity of the site who previously rejected the State s offer for a system. The on-site building does not have an SSDS; however, the potential for soil vapor intrusion is being addressed by the soil vapor extraction/air sparge system which is being constructed and will be operated on-site. "

Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2008-10-28 12:21:00
Record Upd: 2016-03-02 09:54:00
Updated By: DKHARRIN
Own Op: 4
Sub Type: 08

FORMER KLINK COSMO CLEANERS (Continued) **S109416412**

Owner Name:	Not reported
Owner Company:	AWL Industries
Owner Address:	364 Richardson Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11222
Owner Country:	United States of America
Own Op:	1
Sub Type:	01
Owner Name:	PAVLOVICH & COMPANY
Owner Company:	PAVLOVICH & COMPANY
Owner Address:	460 MORGAN AVENUE
Owner Addr2:	Not reported
Owner City,St,Zip:	BROOKLYN, NY 11222-5706
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	C01
Owner Name:	Not reported
Owner Company:	Brooklyn Community Board #1
Owner Address:	435 Graham Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11222
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	C04
Owner Name:	David Camara
Owner Company:	Brooklyn Public Library - Leonard Branch
Owner Address:	81 Devoe Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America
HW Code:	224130
Waste Type:	TETRACHLOROETHYLENE (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224130
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224130
Waste Type:	trichloroethene (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224130
Waste Type:	arsenic
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224130
Waste Type:	lead
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	224121
Cross Ref Type Code:	02
Cross Ref Type:	HW Site ID
Record Added Date:	2009-08-26 16:51:00
Record Updated:	2009-08-26 16:51:00
Updated By:	dkharrin
Crossref ID:	224129

FORMER KLINK COSMO CLEANERS (Continued) **S109416412**

Cross Ref Type Code: 02
Cross Ref Type: HW Site ID
Record Added Date: 2008-10-31 14:34:00
Record Updated: 2008-10-31 14:34:00
Updated By: MOBARRIE
Crossref ID: 224131
Cross Ref Type Code: 02
Cross Ref Type: HW Site ID
Record Added Date: 2008-10-31 14:41:00
Record Updated: 2008-10-31 14:41:00
Updated By: MOBARRIE
Crossref ID: 224132
Cross Ref Type Code: 02
Cross Ref Type: HW Site ID
Record Added Date: 2008-10-31 14:41:00
Record Updated: 2008-10-31 14:41:00
Updated By: MOBARRIE

AE286 **FORMER ACME STEEL PARTITION CO.** **NY SHWS** **S118950564**
WNW **513 PORTER AVENUE** **N/A**
1/2-1 **BROOKLYN, NY 11222**
0.710 mi.
3747 ft. **Site 1 of 2 in cluster AE**

Relative:
Higher

Actual:
50 ft.

SHWS:
Name: FORMER ACME STEEL PARTITION CO.
Address: 513 PORTER AVENUE
City,State,Zip: BROOKLYN, NY 11222
Program: HW
Site Code: 494893
Classification: P
Region: 2
Acres: Not reported
HW Code: 224192
Record Add: 05/14/2014
Record Upd: 03/03/2020
Updated By: JHOCONNE
Site Description: "Location: The site is located at 513 Porter Avenue in the Greenpoint section of the Borough of Brooklyn. It is bounded by Cherry Street to the north, Porter Avenue to the east, and Anthony Street to the south. Site Features: The site was once occupied by 5 contiguous, 1-story masonry construction buildings with an area of 39,000 sq. ft. (181.95 ft. x 200 ft.) constructed in 1950 (now demolished). Sergeant William Dougherty Playground was located immediately west of the site (now partially demolished and closed). The eastbound on-ramp to the Brooklyn-Queens Expressway (I-278) is located immediately north of the site. A small residential area is located two block south of the site. Current Zoning and Land Use: The site is located in a manufacturing area. The site was used as a staging area for equipment and materials as part of the Kosciuszko Bridge replacement project. Past Use of the Site: The site was operated by the ACME Steel Partition Company until 2007 when operations at the property ceased. The property was acquired via eminent domain by the NYSDOT as part of the Kosciuszko Bridge replacement project. Site Geology and Hydrogeology: The site is underlain by a fill unit (0.5-9' thick), a sand/silty sand unit (~100' thick), a discontinuous clay/silt unit (~1-10' thick) within the sand/silty sand unit at various depths within the site area, a sand and gravel unit (~5' thick), and the

FORMER ACME STEEL PARTITION CO. (Continued) **S118950564**

	Raritan Formation (~120-125' below ground surface). Groundwater is approximately 35-45' below ground surface in the vicinity of the site. Groundwater flows northeast toward Newtown Creek, which lies approximately 2,500' northeast of the site."
Env Problem:	"Nature and Extent of Contamination: Soil - PCE has been found in on-site soils at concentrations up to 2.2 ppm, which is slightly above the soil cleanup objective for unrestricted use (1.3 ppm). Lead had been found up to 6,400 ppm, which is well above the soil cleanup objective for restricted residential use (400 ppm). Lead-hazardous soils were also identified on-site. Groundwater - The primary contaminants of concern at the site are tetrachloroethene (PCE), trichloroethene (TCE), and lead. PCE (up to 70 parts per billion, or ppb), TCE (up to 80 ppb), and lead (up to 254 ppb) have been found at concentrations slightly above their Part 703.5 class GA standards of 5, 5, and 25 ppb respectively. Soil Vapor - PCE has been found in soil vapor at concentrations up to 11,000 micrograms per cubic meter (ug/m3). TCE has been found at concentrations up to 106 ug/m3. "
Health Problem:	"As information for this site becomes available, it will be reviewed by the NYSDOH to determine if site contamination presents public health exposure concerns."
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	1
Sub Type:	B99
Owner Name:	Robert Adams
Owner Company:	NYS Dept of Transportation
Owner Address:	1 Hunters Point Plaza
Owner Addr2:	47-40 21st Street; Real Estate Rm 317
Owner City,St,Zip:	Long Island City, NY 11101
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

AE287 **ACME STEEL/BRASS FOUNDRY** **NY SHWS** **S118950559**
WNW **72 ANTHONY STREET** **N/A**
1/2-1 **BROOKLYN, NY 11222**
0.710 mi.
3747 ft. **Site 2 of 2 in cluster AE**

Relative:
Higher

Actual:
50 ft.

SHWS:
Name: ACME STEEL/BRASS FOUNDRY
Address: 72 ANTHONY STREET
City,State,Zip: BROOKLYN, NY 11222
Program: HW
Site Code: 405855
Classification: Significant threat to the public health or environment - action required.
Region: 2
Acres: 1.210
HW Code: 224132
Record Add: 10/28/2008
Record Upd: 10/28/2020
Updated By: HMDUDEK
Site Description: "Location: The 1.21 acre site is located in the Greenpoint/East Williamsburg Industrial Area section of Kings County (Borough of Brooklyn, New York City). The site is located on the east side of Porter Avenue between Anthony and Lombardy Streets. Site Features: The site consists of one 1-story brick building, three 1-story metal sheds, two truck parking areas and a bus parking lot. The site is surrounded by other commercial and industrial properties. A large National Grid energy facility is located one block south of the site across Lombardy Street. Sergeant William Dougherty Playground is located one block northwest of the site across Anthony Street, and the elevated Brooklyn-Queens Expressway (I-278) is located one block to the north. A small residential area is located one block southwest of the site. Current Zoning/Use(s): The site is zoned for manufacturing. The site is currently used as a marble and granite distribution warehouse and and a City-Wide truck maintenance shop at 498 Porter Avenue. Historical Use(s): The Department began a Site Characterization in this area during the Spring of 2007 as part of a plume trackdown investigation (Meeker Avenue Plume Trackdown, DEC Site ID No. 224121). This particular location was specifically targeted for investigation based on Sanborn fire insurance map data indicating that the site was utilized as a brass foundry from the 1960's to 1993, and a Department database which lists the site as a generator of F001 waste (spent halogenated solvents used in de-greasing). This investigation was conducted in several phases, and was completed in the Summer of 2009. Site Geology and Hydrogeology: The site is underlain by a fill unit (0.5-9' thick), a sand/silty sand unit (~110' thick), a discontinuous clay/silt unit (~1-10' thick) within the sand/silty sand unit at various depths within the site area, a sand and gravel unit (~5' thick), and the Raritan Formation (~130-135' below ground surface). Groundwater is approximately 45-55' below ground surface in the vicinity of the site. Groundwater flows northeast toward Newtown Creek, which lies approximately 2,000' northeast of the site."
Env Problem: "Nature and Extent of Contamination: - Groundwater The primary contaminant of concern at the site is tetrachloroethene (PCE). PCE has been detected up to 1,800 parts per billion or ppb (compared to a groundwater standard of 5 ppb). - Soil PCE has been found in on-site soils at concentrations up to 220 parts per million or ppm (compared to a commercial use soil cleanup objective of 150 ppm). - Soil Vapor

ACME STEEL/BRASS FOUNDRY (Continued) **S118950559**

	Concentrations of PCE have been found up to 19,000 ug/m^3. Concentrations of TCE have been found up to 1,300 ug/m^3. "
Health Problem:	"Exposure to site-related contamination in drinking water and soil is unlikely since area homes and businesses are supplied with public water and contaminants are below the ground surface. Since the possibility exists for vapors from site-related chemicals to migrate into nearby homes and businesses, soil vapor intrusion sampling will continue in the area and data evaluated as they become available. "
Dump:	False
Structure:	True
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2008-10-28 10:35:00
Record Upd:	2015-02-27 08:53:00
Updated By:	DKHARRIN
Own Op:	Document Repository
Sub Type:	C01
Owner Name:	Not reported
Owner Company:	Brooklyn Community Board #1
Owner Address:	435 Graham Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11222
Owner Country:	United States of America
Own Op:	1
Sub Type:	01
Owner Name:	MAUREEN BABIS
Owner Company:	NYC IDA
Owner Address:	110 WILLILAM STREET
Owner Addr2:	Not reported
Owner City,St,Zip:	NEW YORK, NY 10038
Owner Country:	United States of America
Own Op:	4
Sub Type:	01
Owner Name:	PAUL BURDYN
Owner Company:	ACME ARCHITECTURAL PRODUCTS, INC.
Owner Address:	251 LOMBARDY STREET
Owner Addr2:	Not reported
Owner City,St,Zip:	BROOKLYN, NY 11222
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	C04
Owner Name:	David Camara
Owner Company:	Brooklyn Public Library - Leonard Branch
Owner Address:	81 Devoe Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America
HW Code:	224132
Waste Type:	TETRACHLOROETHYLENE (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224132

ACME STEEL/BRASS FOUNDRY (Continued) **S118950559**

Waste Type:	TRICHLOROETHENE (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224132
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	224121
Cross Ref Type Code:	02
Cross Ref Type:	HW Site ID
Record Added Date:	2009-01-30 12:36:00
Record Updated:	2009-01-30 12:36:00
Updated By:	JAAVERSA
Crossref ID:	224129
Cross Ref Type Code:	02
Cross Ref Type:	HW Site ID
Record Added Date:	2008-10-31 14:34:00
Record Updated:	2008-10-31 14:34:00
Updated By:	MOBARRIE
Crossref ID:	224130
Cross Ref Type Code:	02
Cross Ref Type:	HW Site ID
Record Added Date:	2008-10-31 14:41:00
Record Updated:	2008-10-31 14:41:00
Updated By:	MOBARRIE
Crossref ID:	224131
Cross Ref Type Code:	02
Cross Ref Type:	HW Site ID
Record Added Date:	2008-10-31 14:42:00
Record Updated:	2008-10-31 14:42:00
Updated By:	MOBARRIE

288
WNW
1/2-1
0.716 mi.
3778 ft.

95 LOMBARDY ST./ACME ARCH. PRODS., INC.
95 LOMBARDY ST
BROOKLYN, NY 11222

NY SHWS **U003652054**
NY UST **N/A**

Relative:
Higher

Actual:
45 ft.

SHWS:

Name:	ACME STEEL/METAL WORKS
Address:	95 LOMBARDY STREET
City,State,Zip:	BROOKLYN, NY 11222
Program:	HW
Site Code:	405853
Classification:	Significant threat to the public health or environment - action required.
Region:	2
Acres:	1.010
HW Code:	224131
Record Add:	10/28/2008
Record Upd:	03/27/2020
Updated By:	HMDUDEK
Site Description:	"Location: The 1.01 acre site is located in the Greenpoint/East Williamsburg Industrial Area section of Kings County (Borough of Brooklyn, New York City). The site is located on the east side of Vandervoort Avenue between Anthony and Lombardy Streets. Site Features: The site is completely covered by one (1) two-story and three (3) one-story brick buildings. The site is surrounded by other

95 LOMBARDY ST./ACME ARCH. PRODS., INC. (Continued) **U003652054**

commercial and industrial properties. Sergeant William Dougherty Playground is located immediately north of the site across Anthony Street, and the eastbound on-ramp to the Brooklyn-Queens Expressway (I-278) is located one block to the north. A small residential area is located one block south of the site. Current Zoning/Use(s): The site is zoned for manufacturing. The site is currently used as a granite warehouse and showroom at 95 Lombardy Street, and a paper distribution office and a kitchen cabinet warehouse/showroom at 46 Anthony Street. Historical Use(s): The Department began a Site Characterization in this area during the Spring of 2007 as part of a plume trackdown investigation (Meeker Avenue Plume Trackdown, DEC Site ID No. 224121). This particular location was specifically targeted for investigation based on Sanborn fire insurance map data indicating that the site was utilized as a metal fabricator and painting facility from the 1930's to the late 2000's, and a Department database which lists the site as a generator of F001 waste (spent halogenated solvents used in de-greasing). Site Geology and Hydrogeology: The site is underlain by a fill unit (0.5-9' thick), a sand/silty sand unit (~100' thick), a discontinuous clay/silt unit (~1-10' thick) within the sand/silty sand unit at various depths within the site area, a sand and gravel unit (~5' thick), and the Raritan Formation (~120-125' below ground surface). Groundwater is approximately 35-45' below ground surface in the vicinity of the site. Groundwater flows northeast toward Newtown Creek, which lies approximately 2,500' northeast of the site."

Env Problem: "Nature and Extent of Contamination: - Groundwater The primary contaminant of concern at the site is trichloroethene (TCE). TCE has been found on-site in shallow groundwater at concentrations up to 66,000 ppb, and in deep groundwater at concentrations up to 70,000 parts per billion or ppb, exceeding Part 703.5 class GA standards (5 ppb). Concentrations of tetrachloroethene (up to 8,000 ppb) and 1,2-dichloroethene (3,200 ppb) have also been found above their respective Part 703.5 class GA standards (5 ppb each). - Soil TCE was detected in soil at 2.3 parts per million or ppm in one sample (exceeding the unrestricted Soil Cleanup Objective). - Soil Vapor and Indoor Air Concentrations of PCE in soil vapor have been found up to 3,100 ug/m^3. Concentrations of TCE in soil vapor have been found up to 4,500 ug/m^3, and in indoor air up to 13 ug/m^3. Significant Threat: The site poses a significant environmental threat due to ongoing releases of TCE from source areas into soil and groundwater."

Health Problem: "Exposure to site-related contamination in drinking water and soil is unlikely since area homes and businesses are supplied with public water and contaminants are below the ground surface. Since the possibility exists for vapors from site-related chemicals to migrate into nearby homes and businesses, soil vapor intrusion sampling will continue in the area and data evaluated as they become available. "

Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2008-10-28 12:21:00
Record Upd: 2013-09-20 14:01:00

95 LOMBARDY ST./ACME ARCH. PRODS., INC. (Continued) **U003652054**

Updated By:	ldennist
Own Op:	Document Repository
Sub Type:	C01
Owner Name:	Not reported
Owner Company:	Brooklyn Community Board #1
Owner Address:	435 Graham Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11222
Owner Country:	United States of America
Own Op:	4
Sub Type:	01
Owner Name:	PAUL BURDYN
Owner Company:	ACME ARCHITECTURAL PRODUCTS, INC.
Owner Address:	251 LOMBARDY STREET
Owner Addr2:	Not reported
Owner City,St,Zip:	BROOKLYN, NY 11222
Owner Country:	United States of America
Own Op:	1
Sub Type:	01
Owner Name:	MAUREEN BABIS
Owner Company:	NYC IDA
Owner Address:	110 WILLIAM STREET
Owner Addr2:	Not reported
Owner City,St,Zip:	NEW YORK, NY 10038
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	C04
Owner Name:	David Camara
Owner Company:	Brooklyn Public Library - Leonard Branch
Owner Address:	81 Devoe Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America
HW Code:	224131
Waste Type:	TRICHLOROETHENE (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	224129
Cross Ref Type Code:	02
Cross Ref Type:	HW Site ID
Record Added Date:	2008-10-31 14:34:00
Record Updated:	2008-10-31 14:34:00
Updated By:	MOBARRIE
Crossref ID:	224130
Cross Ref Type Code:	02
Cross Ref Type:	HW Site ID
Record Added Date:	2008-10-31 14:41:00
Record Updated:	2008-10-31 14:41:00
Updated By:	MOBARRIE
Crossref ID:	224132
Cross Ref Type Code:	02
Cross Ref Type:	HW Site ID
Record Added Date:	2008-10-31 14:42:00
Record Updated:	2008-10-31 14:42:00
Updated By:	MOBARRIE
Crossref ID:	224121
Cross Ref Type Code:	02

95 LOMBARDY ST./ACME ARCH. PRODS., INC. (Continued) **U003652054**

Cross Ref Type: HW Site ID
Record Added Date: 2009-01-30 12:36:00
Record Updated: 2009-01-30 12:36:00
Updated By: JAAVERSA

UST:
Name: 95 LOMBARDY ST./ACME ARCH. PRODS., INC.
Address: 95 LOMBARDY ST
City,State,Zip: BROOKLYN, NY 11222
Id/Status: 2-603942 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 589779.31460
UTM Y: 4508524.42989
Site Type: Manufacturing (Other than Chemical)/Processing

Affiliation Records:
Site Id: 25835
Affiliation Type: Facility Owner
Company Name: WHITEHEAD COMPANY
Contact Type: Not reported
Contact Name: Not reported
Address1: 513 PORTER AVENUE
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11222
Country Code: 001
Phone: (718) 384-7800
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 25835
Affiliation Type: Mail Contact
Company Name: ACME ARCHITECTURAL PRODUCTS, INC.
Contact Type: Not reported
Contact Name: MILDRED OLSEN
Address1: 513 PORTER AVENUE
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11222
Country Code: 001
Phone: (718) 384-7800
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 25835
Affiliation Type: Facility Operator
Company Name: 95 LOMBARDY ST./ACME ARCH. PRODS., INC.
Contact Type: Not reported

95 LOMBARDY ST./ACME ARCH. PRODS., INC. (Continued) **U003652054**

Contact Name:	ACME ARCH PRODS., INC.
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 384-7800
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	25835
Affiliation Type:	Emergency Contact
Company Name:	WHITEHEAD COMPANY
Contact Type:	Not reported
Contact Name:	WILLIAM MCDONNELL
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 384-7800
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	1
Tank ID:	56116
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	8500
Install Date:	Not reported
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

G08 - Tank Secondary Containment - Flexible Internal Lining (Bladder)
H00 - Tank Leak Detection - None
C02 - Pipe Location - Underground/On-ground
J02 - Dispenser - Suction Dispenser

95 LOMBARDY ST./ACME ARCH. PRODS., INC. (Continued) **U003652054**

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
I05 - Overfill - Vent Whistle

Tank Number: 2
Tank ID: 56117
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 1080
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

G08 - Tank Secondary Containment - Flexible Internal Lining (Bladder)
H00 - Tank Leak Detection - None
C02 - Pipe Location - Underground/On-ground
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
I05 - Overfill - Vent Whistle

289
NW
1/2-1
0.796 mi.
4201 ft.

EMPIRE VARNISH COMPANY, INC.
38 VARICK STREET
BROOKLYN, NY 11222

NY SHWS **S121933822**
NY MANIFEST **N/A**

Relative:
Higher

Actual:
27 ft.

SHWS:
Name: EMPIRE VARNISH COMPANY, INC.
Address: 38 VARICK STREET
City,State,Zip: BROOKLYN, NY 11222
Program: HW
Site Code: 378382
Classification: C
Region: 2
Acres: Not reported
HW Code: 224123
Record Add: 03/13/2007
Record Upd: 02/21/2018
Updated By: GWBURKE
Site Description: "Empire State Varnish Company, Inc. is located at 38 Varick Street,

EMPIRE VARNISH COMPANY, INC. (Continued) **S121933822**

Brooklyn, NY. The Property is situated along the east side of Varick Street approximately 200 feet from the corner of Bridgewater Street in the Greenpoint section of Brooklyn. The irregular shaped Property also fronts on Bridgewater Street. The Property is zoned M3-1 and consists of an approx. 30,000 sq. ft. lot improved with several small buildings utilized for the production of varnish and paint. Empire has been producing paint and varnish on-site since the 1930's. The production process involves heating and mixing natural or synthetic resins with a vegetable oil. This mixture is then cooled and blended with a volatile solvent in large kettles. The oils primarily used by Empire are soybean and linseed oils. The volatile solvent commonly used by Empire is mineral spirits. The mineral spirits were stored on-site in underground storage tanks until the early 1980's. The facility currently uses only aboveground tanks or 55-gallon drums to store raw materials or finished product on-site. A consent order was completed to close the site under RCRA. Since this site is located across from Exxon site (Greenpoint), Exxon showed interest in acquiring this property to extract the free product in groundwater migrating from their site. RCRA agreed to transfer the Empire site to DER to close the site under the remediation program. Consent order has been amended to transfer the responsibility to DER. Empire has submitted a closure plan and ROUX Associates has submitted a report with the details of their investigation. Closure activities begun in August 2007. All the undergound and above ground tanks were removed along with the drums, containers, cehmical equipments and other misc. items and disposed off-site. The soils excavated during the removal of USTs were sampled and properly disposed. The closure activites were completed in December 2007. The final closure report was submitted in February and was approved. The No Further Action letter was sent to the owner on February 29, 2008."

Env Problem: "Other than physical hazards at the site there are no significant environemntal hazards from this site. The groundwater at the site is contaminated but the contamination was contributed from the Exxon Mobil (Greenpoint) spill. Recent investigation results indicate the presence of free product in groundwater at the site. Closure activities begun in August 2007. All the undergound and above ground tanks were removed along with the drums, containers, chemical equipments and other misc. items and disposed off-site. The soils excavated during the removal of USTs were sampled and properly disposed. The closure activites were completed in December 2007. The final closure report was submitted in February and was approved. The No Further Action letter was sent to the owner on February 29, 2008. Now the ownership of the property is transferred to Exxon. The consultant for Exxon is installing extraction wells to remove the free product in the groundwater. "

Health Problem: Not reported
Dump: Not reported
Structure: Not reported
Lagoon: Not reported
Landfill: Not reported
Pond: Not reported
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: Not reported
Record Upd: Not reported

EMPIRE VARNISH COMPANY, INC. (Continued) **S121933822**

Updated By:	Not reported
Own Op:	1
Sub Type:	NNN
Owner Name:	EMPIRE VARNISH COMPANY, INC.
Owner Company:	EMPIRE VARNISH COMPANY, INC.
Owner Address:	38 VARICK STREET
Owner Addr2:	Not reported
Owner City,St,Zip:	BROOKLYN, NY 11222
Owner Country:	United States of America
Own Op:	4
Sub Type:	NNN
Owner Name:	EMPIRE VARNISH COMPANY, INC.
Owner Company:	EMPIRE VARNISH COMPANY, INC.
Owner Address:	38 VARICK STREET
Owner Addr2:	Not reported
Owner City,St,Zip:	BROOKLYN, NY 11222
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	NYD001233113
Cross Ref Type Code:	05
Cross Ref Type:	CERCLA EPA ID No.
Record Added Date:	2007-03-13 12:57:00
Record Updated:	2007-03-13 12:57:00
Updated By:	mobarrie

NY MANIFEST:

Name:	EXXON MOBIL
Address:	38 VARICK ST
City,State,Zip:	BROOKLYN, NY 11222-3817
Country:	USA
EPA ID:	NYD001233113
Facility Status:	Not reported
Location Address 1:	38 VARICK ST
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11222
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD001233113
Mailing Name:	EXXON MOBIL
Mailing Contact:	EXXON MOBIL
Mailing Address 1:	400 KINGSLAND AVE
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11222
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7183837374

EMPIRE VARNISH COMPANY, INC. (Continued) **S121933822**

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	Not reported
Trans1 State ID:	PAD146714878
Trans2 State ID:	Not reported
Generator Ship Date:	12/22/2010
Trans1 Recv Date:	12/22/2010
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	01/21/2011
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD001233113
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	PAD987270725
TSDF ID 2:	Not reported
Manifest Tracking Number:	000171736JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H039
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	17149
Units:	P - Pounds
Number of Containers:	8
Container Type:	BA - Burlap, plastic, paper bags
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1
Waste Code:	D018
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

290
SW
1/2-1
0.842 mi.
4446 ft.

SCHOLES ST. STATION
SCHOLES ST 7 BOGART STS. MESSEROLE AND MORGAN AVE.
BROOKLYN, NY 11206

EDR MGP **1008407899**
N/A

Relative:
Higher

Actual:
17 ft.

Manufactured Gas Plants:
No additional information available

291
West
1/2-1
0.850 mi.
4490 ft.

Relative:
Higher

Actual:
35 ft.

GOODMAN BROTHERS CO STEEL DRUM DIV
18 DIVISION PLACE
BROOKLYN, NY 11222

RCRA-VSQG **1000190383**
NY SHWS **NYD047683776**
NY UST
NY CBS
NY AST
NY CBS AST
NY Spills
RAATS
ICIS
FINDS
ECHO
NY AIRS
NY MANIFEST
NJ MANIFEST

RCRA-VSQG:

Date Form Received by Agency:	2007-01-01 00:00:00.0
Handler Name:	GOODMAN BROTHERS STEEL DRUM CO INC
Handler Address:	18 DIVISION PLACE
Handler City,State,Zip:	BROOKLYN, NY 11222
EPA ID:	NYD047683776
Contact Name:	SIMON GOODMAN
Contact Address:	DIVISION PL
Contact City,State,Zip:	BROOKLYN, NY 11222
Contact Telephone:	718-782-3056
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	DIVISION PL
Mailing City,State,Zip:	BROOKLYN, NY 11222
Owner Name:	GOODMAN BROS STEEL DRUM CO INC
Owner Type:	Private
Operator Name:	GOODMAN BROS STEEL DRUM CO INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No

GOODMAN BROTHERS CO STEEL DRUM DIV (Continued) **1000190383**

Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-04-14 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2001

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

GOODMAN BROTHERS CO STEEL DRUM DIV (Continued) **1000190383**

Waste Code: D000
Waste Description: Not Defined

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: F017
Waste Description: Not Defined

Waste Code: U220
Waste Description: BENZENE, METHYL- (OR) TOLUENE

Waste Code: U239
Waste Description: BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: GOODMAN BROS STEEL DRUM CO INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: GOODMAN BROS STEEL DRUM CO INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: GOODMAN BROS STEEL DRUM CO INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2006-01-01 00:00:00.0
Handler Name: GOODMAN BROTHERS STEEL DRUM CO INC
Federal Waste Generator Description: Small Quantity Generator

GOODMAN BROTHERS CO STEEL DRUM DIV (Continued) **1000190383**

State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2007-01-01 00:00:00.0
Handler Name: GOODMAN BROTHERS STEEL DRUM CO INC
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1980-08-18 00:00:00.0
Handler Name: GOODMAN BROS STEEL DRUM CO INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1994-03-25 00:00:00.0
Handler Name: GOODMAN BROS STEEL DRUM CO INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1996-03-11 00:00:00.0
Handler Name: GOODMAN BROS. STEEL DRUM CO. INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No

GOODMAN BROTHERS CO STEEL DRUM DIV (Continued) **1000190383**

Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1998-02-28 00:00:00.0
Handler Name: GOODMAN BROTHERS STEEL DRUM CO INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2001-01-01 00:00:00.0
Handler Name: GOODMAN BROS STEEL DRUM CO INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2002-11-21 00:00:00.0
Handler Name: GOODMAN BROTHERS STEEL DRUM CO INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 42184
NAICS Description: INDUSTRIAL SUPPLIES WHOLESALERS

NAICS Code: 81131
NAICS Description: COMMERCIAL AND INDUSTRIAL MACHINERY AND EQUIPMENT (EXCEPT AUTOMOTIVE AND ELECTRONIC) REPAIR AND MAINTENANCE

NAICS Code: 81149
NAICS Description: OTHER PERSONAL AND HOUSEHOLD GOODS REPAIR AND MAINTENANCE

Facility Has Received Notices of Violation:

GOODMAN BROTHERS CO STEEL DRUM DIV (Continued) **1000190383**

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1987-06-03 00:00:00.0
Actual Return to Compliance Date:	1987-12-15 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1987-10-22 00:00:00.0
Enforcement Identifier:	003
Date of Enforcement Action:	1987-09-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

GOODMAN BROTHERS CO STEEL DRUM DIV (Continued) **1000190383**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: NYDEC
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 6500
Paid Amount: 6500
Final Count: 1
Final Amount: 6500

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

GOODMAN BROTHERS CO STEEL DRUM DIV (Continued) **1000190383**

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - General
Date Violation was Determined:	1999-01-29 00:00:00.0
Actual Return to Compliance Date:	1999-04-01 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	1999-04-01 00:00:00.0
Enforcement Identifier:	000
Date of Enforcement Action:	1999-03-01 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R2
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R2AHJ
Enforcement Responsible Sub-Organization:	RCB
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

GOODMAN BROTHERS CO STEEL DRUM DIV (Continued) **1000190383**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

GOODMAN BROTHERS CO STEEL DRUM DIV (Continued) **1000190383**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2002-01-03 00:00:00.0
Actual Return to Compliance Date:	2005-01-26 00:00:00.0
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2003-06-18 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	2-20020318-30
Enforcement Attorney:	SH
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	2005-01-26 00:00:00.0
Disposition Status:	DR
Disposition Status Description:	DROPPED
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	NYHHN
Enforcement Responsible Sub-Organization:	R2
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	17500
Paid Amount:	8750
Final Count:	1
Final Amount:	17500

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2002-01-03 00:00:00.0
Actual Return to Compliance Date:	2005-01-26 00:00:00.0
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	2002-03-21 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	SH
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	2005-01-26 00:00:00.0
Disposition Status:	DR
Disposition Status Description:	DROPPED

GOODMAN BROTHERS CO STEEL DRUM DIV (Continued) **1000190383**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: NYHHN
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 1982-09-02 00:00:00.0
Actual Return to Compliance Date: 1983-12-06 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

GOODMAN BROTHERS CO STEEL DRUM DIV (Continued) **1000190383**

Evaluation Action Summary:

Evaluation Date:	1993-08-16 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2LG2
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1987-06-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYDEC
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1987-12-15 00:00:00.0
Scheduled Compliance Date:	1987-10-22 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2005-01-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	NYJRI
Evaluation Responsible Sub-Organization:	CO
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1998-12-10 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2AHJ
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	1999-04-01 00:00:00.0
Scheduled Compliance Date:	1999-04-01 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2002-01-03 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE

GOODMAN BROTHERS CO STEEL DRUM DIV (Continued) **1000190383**

Evaluation Responsible Person Identifier:	R2AHJ
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2002-03-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2002-01-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	2005-01-26 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2002-01-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	2005-01-26 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1982-09-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1983-12-06 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported

GOODMAN BROTHERS CO STEEL DRUM DIV (Continued) **1000190383**

Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

SHWS:
Name: FORMER GOODMAN BROTHERS STEEL DRUM CO.
Address: 18 DIVISION PLACE
City,State,Zip: BROOKLYN, NY 11222
Program: HW
Site Code: 505634
Classification: Significant threat to the public health or environment - action required.
Region: 2
Acres: 0.670
HW Code: 224211
Record Add: 03/18/2015
Record Upd: 08/10/2020
Updated By: HMDUDEK
Site Description: "Location: The 0.67 acre site is located in the Greenpoint/East Williamsburg Industrial Area section of Kings County (Borough of Brooklyn, New York City). The site is located on the south side of Division Place between Kingsland and Debevoise Avenues. Site Features: The site is mostly covered with one-story buildings, with a storage yard located on the south side along Richardson Street. Current Zoning and Land Use: The site is zoned for manufacturing. The site is currently used for storage and light manufacturing. Numerous commercial, industrial, and residential properties surround the site. Past Use of the Site: Goodman Brothers began operations in 1909 as a re-conditioner and recycler of used steel drums for re-use or disposal. The Department's initial involvement with the facility was a RCRA inspection conducted in September 1982, as the company was a large quantity generator of hazardous waste above a sole-source aquifer. The company went out of business in June 2002. During the last 20 years of its operation, Goodman Brothers entered into one consent order with the USEPA (1983), and two consent orders with the Department (1987 and 2003), and agreed to pay penalties in the overall amount of $28,000 for numerous violations. Site Geology and Hydrogeology: The site is underlain by a sand/silty sand unit (~15-35' thick), a discontinuous sand/gravel unit within the sand/silty sand unit (~5' thick), a discontinuous clayey silt unit within the sand/silty sand unit (~5' thick), and a sand unit below. Groundwater is approximately 15-20' below grade in the immediate vicinity of the site. Groundwater below the site flows toward the east in the direction of Newtown Creek (~3,600' away)."
Env Problem: "Nature and Extent of Contamination: - Groundwater The primary contaminants in groundwater are Volatile Organic Compounds or VOCs and Per/ polyfluoroalkyl substances (PFAS). For example, the chlorinated VOC, cis-1,2 dichloroethene (DCE) was detected up to 61,000 parts per billion or ppb, compared to groundwater standard of 5 ppb. The PFAS compound Perfluorooctanoic acid (PFOA) was detected up to 5,100 parts per trillion or ppt, compared to a groundwater standard of 10 ppt. - Soil The primary contaminants in soil are VOCs and Polychlorinated Biphenyls (PCBs). For example, the chlorinated VOC, tetrachloroethene (PCE) was detected up to 1,200 parts per million or ppm. This exceeds the commercial Soil Cleanup Objective (SCO) of 150 ppm. Total PCBs were detected up on 130 ppm, which

GOODMAN BROTHERS CO STEEL DRUM DIV (Continued) **1000190383**

	exceeds the commercial SCO of 1 ppm. Soil Vapor: Numerous VOCs were detected in soil vapor. For example, DCE was detected up to 5,600,000 micrograms per cubic meter (ug/m3). Numerous Significant Threat: The site poses a significant environmental threat due to ongoing releases of PCE (and its breakdown products), BTEX compounds, and PCBs from source areas into soil groundwater and soil vapor."
Health Problem:	"Direct contact with contaminants in the soil is unlikely because the majority of the site is covered with buildings and pavement. People are not drinking the contaminated groundwater because the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. The potential for soil vapor intrusion in on-site and off-site structures exists and should be evaluated and may need to be evaluated for off-site structures. "
Dump:	False
Structure:	True
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2015-03-30 09:44:00
Record Upd:	2015-03-30 09:44:00
Updated By:	DKHARRIN
Own Op:	Document Repository
Sub Type:	C04
Owner Name:	David Camara
Owner Company:	Brooklyn Public Library - Leonard Branch
Owner Address:	81 Devoe Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America
Own Op:	1
Sub Type:	E
Owner Name:	Kris Rutkowski
Owner Company:	King Tower Properties, Inc.
Owner Address:	18 Division Place
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11222
Owner Country:	United States of America
Own Op:	4
Sub Type:	E
Owner Name:	Not reported
Owner Company:	Art Furniture Co.
Owner Address:	275 Richardson Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11222-5641
Owner Country:	United States of America
Own Op:	1
Sub Type:	E
Owner Name:	Hieronima Rutkowska

GOODMAN BROTHERS CO STEEL DRUM DIV (Continued) **1000190383**

Owner Company:	Richland Properties, Inc.
Owner Address:	275 Richardson Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11222-5641
Owner Country:	United States of America
HW Code:	224211
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224211
Waste Type:	PCB aroclor 1260
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224211
Waste Type:	1,1,1-trichloroethane
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224211
Waste Type:	toluene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224211
Waste Type:	lead
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224211
Waste Type:	xylene (mixed)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	NYD047699061
Cross Ref Type Code:	06
Cross Ref Type:	RCRA EPA ID No.
Record Added Date:	2015-08-25 14:25:00
Record Updated:	2015-08-25 14:25:00
Updated By:	RXSCHICK
Crossref ID:	NYD047683776
Cross Ref Type Code:	06
Cross Ref Type:	RCRA EPA ID No.
Record Added Date:	2015-03-30 09:45:00
Record Updated:	2015-03-30 09:45:00
Updated By:	DKHARRIN

UST:

Name:	GOODMAN BROS STEEL DRUM
Address:	18 DIVISION PLACE
City,State,Zip:	BROOKLYN, NY 11222
Id/Status:	2-017620 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	589559.19127
UTM Y:	4508238.80696
Site Type:	Other

Affiliation Records:

Site Id:	150

GOODMAN BROTHERS CO STEEL DRUM DIV (Continued) **1000190383**

Affiliation Type:	Facility Owner
Company Name:	GOODMAN BROTHERS STEEL DRUM CO.
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	18 DIVISION PLACE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11222
Country Code:	001
Phone:	(718) 782-3056
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	150
Affiliation Type:	Mail Contact
Company Name:	GOODMAN BROTHERS STEEL DRUM CO.
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	18 DIVISION PLACE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11222
Country Code:	001
Phone:	(718) 782-3056
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	150
Affiliation Type:	Facility Operator
Company Name:	GOODMAN BROTHERS STEEL DRUM CO.
Contact Type:	Not reported
Contact Name:	IRVING GOODMAN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 782-3056
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	150
Affiliation Type:	Emergency Contact
Company Name:	GOODMAN BROTHERS STEEL DRUM CO.
Contact Type:	Not reported
Contact Name:	MORTMAN
Address1:	Not reported
Address2:	Not reported

GOODMAN BROTHERS CO STEEL DRUM DIV (Continued) **1000190383**

City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 494-7704
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	001
Tank ID:	27072
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	500
Install Date:	01/01/1997
Date Tank Closed:	01/01/1997
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None

Tank Number:	002
Tank ID:	27073
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	1100
Install Date:	Not reported
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

GOODMAN BROTHERS CO STEEL DRUM DIV (Continued) **1000190383**

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
L09 - Piping Leak Detection - Exempt Suction Piping
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None

Tank Number: 003
Tank ID: 27074
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 1100
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
L09 - Piping Leak Detection - Exempt Suction Piping
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None

CBS:
Name: GOODMAN BROTHERS STEEL DRUM
Address: 18 DIVISION PLACE
City,State,Zip: BROOKLYN, NY 11222
CBS Number: 2-000008
Program Type: CBS

GOODMAN BROTHERS CO STEEL DRUM DIV (Continued) **1000190383**

Facility Status: Unregulated/Closed
Expiration Date: Not reported
Dec Region: 2
UTMX: 589528.43560
UTMY: 4508245.39054

AST:
Name: GOODMAN BROTHERS STEEL DRUM
Address: 18 DIVISION PLACE
City,State,Zip: BROOKLYN, NY 11222
Region: STATE
DEC Region: 2
Site Status: Unregulated/Closed
Facility Id: 2-000008
Program Type: CBS
UTM X: 589528.43560
UTM Y: 4508245.39054
Expiration Date: N/A
Site Type: Manufacturing (Other than Chemical)/Processing

Tank Info:

Tank Number: 00001
Tank Id: 182699
Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type: Fiberglass Reinforced Plastic
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 5000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 02/01/2000
Register: True
Modified By: CBSInit
Last Modified: 03/21/2005
Material Name: Not reported

Tank Number: 00001-A
Tank Id: 194176
Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type: Plastic
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 02/01/2000
Capacity Gallons: 3000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 05/18/2012
Register: True
Modified By: LXZIELIN
Last Modified: 05/18/2012

GOODMAN BROTHERS CO STEEL DRUM DIV (Continued) **1000190383**

Material Name: Not reported

CBS AST:

CBS Number:	2-000008
ICS Number:	2-125161
PBS Number:	Not reported
MOSF Number:	Not reported
SPDES Number:	Not reported
Facility Status:	IN SERVICE
Facility Type:	I
Telephone:	(718) 782-3038
Facility Town:	NEW YORK CITY
Region:	STATE
Expiration Date:	02/03/2003
Total Capacity of All Active Tanks(gal):	3000
Operator:	RAY KRUZINSKI/FRANK CATALDI
Emergency Contact:	IRVING GOODMAN
Emergency Phone:	(212) 737-7181
Owner Name:	GOODMAN BROTHERS STEEL DRUM CO.
Owner Address:	18 DIVISION PL.
Owner City,St,Zip:	BROOKLYN, NY 11222
Owner Telephone:	(718) 782-3056
Owner Type:	Corporate/Commercial
Owner Sub Type:	Not reported
Mail Name:	GOODMAN BROTHERS STEEL DRUM CO.
Mail Contact Addr:	18 DIVISION PL.
Mail Contact Addr2:	Not reported
Mail Contact Contact:	IRVING GOODMAN
Mail Contact City,St,Zip:	BROOKLYN, NY 11222
Mail Phone:	(718) 782-3056

Tank Id:	00001-A
CAS Number:	7647010
Federal ID:	Not reported
Tank Status:	In Service
Install Date:	02/00
Tank Closed:	Not reported
Capacity (Gal):	3000
Chemical:	Hydrochloric acid
Tank Location:	Indoors, Belowground
Tank Type:	Fiberglass reinforced plastic [FRP]
Total Tanks:	1
Tank Secret:	False
Tank Secondary Containment:	Cut-off Walls
Tank Error Status:	No Missing Data
Date Entered:	01/16/2001
Certified Date:	01/17/2001
Substance:	Single Hazardous Substance on DEC List
Internal Protection:	Other
External Protection:	Other
Pipe Location:	Aboveground
Pipe Type:	Double Walled Fiberglass
Pipe Internal:	Other
Pipe External:	Other
Pipe Flag:	Other
Leak Detection:	Interstitial Monitoring
Overfill Protection:	Product Level Gauge

GOODMAN BROTHERS CO STEEL DRUM DIV (Continued) **1000190383**

Haz Percent:	31
Last Test:	Not reported
Due Date:	Not reported
SWIS Code:	6101
Lat/Long:	Not reported
Is Updated:	False
Renew Date:	11/02/92
Is It There:	False
Delinquent:	False
Date Expired:	02/03/95
Owner Mark:	1
Certificate Needs to be Printed:	False
Fiscal Amt for Registration Fee Correct:	True
Renewal Has Been Printed for Facility:	True
Pre-Printed Renewal App Last Printed:	11/07/2000

Tank Id:	00001
CAS Number:	7647010
Federal ID:	Not reported
Tank Status:	In Service
Install Date:	00/00
Tank Closed:	02/00
Capacity (Gal):	5000
Chemical:	Hydrochloric acid
Tank Location:	Indoors, Belowground
Tank Type:	Fiberglass coated steel
Total Tanks:	1
Tank Secret:	False
Tank Secondary Containment:	Cut-off Walls
Tank Error Status:	No Missing Data
Date Entered:	02/03/1989
Certified Date:	01/17/2001
Substance:	Single Hazardous Substance on DEC List
Internal Protection:	Fiberglass Liner (FRP
External Protection:	Fiberglass
Pipe Location:	Aboveground
Pipe Type:	Double Walled Fiberglass
Pipe Internal:	None
Pipe External:	None
Pipe Flag:	None
Leak Detection:	None
Overfill Protection:	Catch Basin
Haz Percent:	31
Last Test:	Not reported
Due Date:	Not reported
SWIS Code:	6101
Lat/Long:	Not reported
Is Updated:	False
Renew Date:	11/02/92
Is It There:	False
Delinquent:	False
Date Expired:	02/03/95
Owner Mark:	1
Certificate Needs to be Printed:	False
Fiscal Amt for Registration Fee Correct:	True
Renewal Has Been Printed for Facility:	True

GOODMAN BROTHERS CO STEEL DRUM DIV (Continued) **1000190383**

Pre-Printed Renewal App Last Printed: 11/07/2000

SPILLS:

Name:	GOODMAN BROT STEEL DRUMS
Address:	18 DIVISION ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0109317 / 2003-02-13
Facility ID:	0109317
Facility Type:	ER
DER Facility ID:	161369
Site ID:	193547
DEC Region:	2
Spill Cause:	Other
Spill Class:	C4
SWIS:	2401
Spill Date:	2001-12-20
Investigator:	SMSANGES
Referred To:	Not reported
Reported to Dept:	2001-12-20
CID:	199
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2001-12-20
Spill Record Last Update:	2003-02-13
Spiller Name:	Not reported
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	CRAIG GOODMAN
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was SANGESLAND ADMINISTRATIVE CLOSURE - AUSTIN"
Remarks:	"WHILE DOING MAINTAINCE ON A PUMP APPROX 1 QT OF WASTE WATER LEAKED OUT - ALL MATERAL CLEANED UP"

All Materials:

Site ID:	193547
Operable Unit ID:	846668
Operable Unit:	01
Material ID:	530525
Material Code:	0060A
Material Name:	wastewater
Case No.:	Not reported
Material FA:	Other
Quantity:	1.00
Units:	G
Recovered:	1.00
Oxygenate:	Not reported

Name: GOODMAN BROT STEEL DRUMS

GOODMAN BROTHERS CO STEEL DRUM DIV (Continued) **1000190383**

Address:	18 DIVISION PL
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0109316 / 2003-07-07
Facility ID:	0109316
Facility Type:	ER
DER Facility ID:	242844
Site ID:	300204
DEC Region:	2
Spill Cause:	Other
Spill Class:	C4
SWIS:	2401
Spill Date:	2001-12-20
Investigator:	SMSANGES
Referred To:	Not reported
Reported to Dept:	2001-12-20
CID:	199
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2001-12-20
Spill Record Last Update:	2003-07-07
Spiller Name:	Not reported
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	CRAIG GOODMAN
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was SANGESLAND "
Remarks:	"WHILE DOING ROUTINE MAINTAINCE ON COMPRESSOR 2-3 GAL OF MOTOR OIL SPILLED FROM MACHINERY"

All Materials:

Site ID:	300204
Operable Unit ID:	847677
Operable Unit:	01
Material ID:	530524
Material Code:	0015
Material Name:	motor oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	3.00
Units:	G
Recovered:	3.00
Oxygenate:	Not reported

RAATS:

Entry No:	1
Facility ID:	NYD047683776
Type:	Not reported
Docket No:	83-0211

GOODMAN BROTHERS CO STEEL DRUM DIV (Continued) **1000190383**

Region:	02
Issue Date:	06/24/1983
Final Date:	01/31/1983
Status:	Consent Agreement/Final Order
Additional:	Not reported
Action ID:	2021
Action:	3008 (A)
Violation No:	Not reported
Viol No Cited:	1 122.22
Total No Cited:	Not reported
Reg Type:	CFR
Prop. Penalty:	5,000.00
Final Penalty:	4,000.00
Total Prop. Penalty:	7,500.00
Comments:	Not reported

Entry No:	1
Facility ID:	NYD047683776
Type:	Not reported
Docket No:	83-0211
Region:	02
Issue Date:	06/24/1983
Final Date:	01/31/1983
Status:	Consent Agreement/Final Order
Additional:	Not reported
Action ID:	2021
Action:	3008 (A)
Violation No:	Not reported
Viol No Cited:	2 265.31
Total No Cited:	Not reported
Reg Type:	CFR
Prop. Penalty:	1,500.00
Final Penalty:	4,000.00
Total Prop. Penalty:	7,500.00
Comments:	Not reported

Entry No:	1
Facility ID:	NYD047683776
Type:	Not reported
Docket No:	83-0211
Region:	02
Issue Date:	06/24/1983
Final Date:	01/31/1983
Status:	Consent Agreement/Final Order
Additional:	Not reported
Action ID:	2021
Action:	3008 (A)
Violation No:	Not reported
Viol No Cited:	3 265.173(A)
Total No Cited:	Not reported
Reg Type:	CFR
Prop. Penalty:	1,000.00
Final Penalty:	4,000.00
Total Prop. Penalty:	7,500.00
Comments:	Not reported

GOODMAN BROTHERS CO STEEL DRUM DIV (Continued) **1000190383**

ICIS:

Enforcement Action ID:	NY000A0000261010015000328
FRS ID:	110000892017
Action Name:	Not reported
Facility Name:	GOODMAN BROS STEEL DRUM CO-18DIVISIONPL
Facility Address:	18 DIVISION PL BROOKLYN, NY 11222
Enforcement Action Type:	Administrative Order
Facility County:	KINGS
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	3412
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	40.720775
Longitude in Decimal Degrees:	73.9414628
Permit Type Desc:	Not reported
Program System Acronym:	NY0000002610100150
Facility NAICS Code:	332439
Tribal Land Code:	Not reported

Enforcement Action ID:	NY000A0000261010015000321
FRS ID:	110000892017
Action Name:	Not reported
Facility Name:	GOODMAN BROS STEEL DRUM CO-18DIVISIONPL
Facility Address:	18 DIVISION PL BROOKLYN, NY 11222
Enforcement Action Type:	Notice of Violation
Facility County:	KINGS
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	3412
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	40.720775
Longitude in Decimal Degrees:	73.9414628
Permit Type Desc:	Not reported
Program System Acronym:	NY0000002610100150
Facility NAICS Code:	332439
Tribal Land Code:	Not reported

FINDS:

Registry ID: 110000892017

Click Here:

Environmental Interest/Information System:

AIR EMISSIONS CLASSIFICATION UNKNOWN
US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA

GOODMAN BROTHERS CO STEEL DRUM DIV (Continued) **1000190383**

program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER
FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000190383
Registry ID:	110000892017
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110000892017
Name:	GOODMAN BROS STEEL DRUM CO-18DIVISIONPL
Address:	18 DIVISION PLACE
City,State,Zip:	BROOKLYN, NY 11222

AIRS:

Name:	GOODMAN BROS STEEL DRUM CO-18DIVISIONPL
Address:	18 DIVISION PL
City,State,Zip:	BROOKLYN, NY 11222
DECID:	2610100150
Process ID:	Not reported
Latitude:	40.720775234
Longitude:	73.941462833
FIPS Code:	Not reported
Auth Type Code:	Not reported
Permit Status:	Expired
Auth Status Code:	Not reported
Emissions:	Not reported
Issue date:	01/12/2000
Expired Date:	07/30/2002
Emission Unit date:	Not reported
Contamination:	Not reported
EPA Control Code:	Not reported
Control Eff:	Not reported
Unit:	Not reported
Permit Status:	Expired
Auth Status Code:	Not reported
Emissions:	Not reported
Issue date:	07/30/2002
Expired Date:	Not reported
Emission Unit date:	Not reported
Contamination:	Not reported
EPA Control Code:	Not reported
Control Eff:	Not reported
Unit:	Not reported

NY MANIFEST:

Name:	FORMER GOODMAN BROS STEEL DRUM CO
Address:	18 DIVISION PLACE
City,State,Zip:	BROOKLYN, NY 11222
Country:	USA
EPA ID:	NYD047683776

GOODMAN BROTHERS CO STEEL DRUM DIV (Continued) **1000190383**

Facility Status:	Not reported
Location Address 1:	18 DIVISION PLACE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11222
Location Zip 4:	5699

NY MANIFEST:

EPAID:	NYD047683776
Mailing Name:	FORMER GOODMAN BROS STEEL DRUM CO
Mailing Contact:	MICHAEL HAGGERTY
Mailing Address 1:	625 BROADWAY
Mailing Address 2:	Not reported
Mailing City:	ALBANY
Mailing State:	NY
Mailing Zip:	12233
Mailing Zip 4:	7016
Mailing Country:	USA
Mailing Phone:	5184029688

NY MANIFEST:

Document ID:	NJA5031614
Manifest Status:	Not reported
seq:	Not reported
Year:	2004
Trans1 State ID:	NY1A378
Trans2 State ID:	2809
Generator Ship Date:	01/27/2004
Trans1 Recv Date:	01/27/2004
Trans2 Recv Date:	01/30/2004
TSD Site Recv Date:	01/30/2004
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD047683776
Trans1 EPA ID:	NYD064748304
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002454
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	F003 - UNKNOWN
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported

GOODMAN BROTHERS CO STEEL DRUM DIV (Continued) **1000190383**

Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	05000
Units:	P - Pounds
Number of Containers:	010
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	01.00

NJ MANIFEST:

EPA Id:	NYD047683776
Mail Address:	Not reported
Mail City/State/Zip:	Not reported
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	Not reported
Comments:	Not reported
SIC Code:	Not reported
County:	00
Municipal:	00
Previous EPA Id:	Not reported
Gen Flag:	X
Trans Flag:	X
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	NJA5031614
EPA ID:	NYD047683776
Date Shipped:	01/27/2004
TSDF EPA ID:	NJD002454544
Transporter EPA ID:	NYD064748304
Transporter 2 EPA ID:	NJD002454544
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	01/27/2004
Date Trans2 Transported Waste:	01/30/2004
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	01/30/2004
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported

GOODMAN BROTHERS CO STEEL DRUM DIV (Continued) **1000190383**

Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	03090422
Was Load Rejected:	No
Reason Load Was Rejected:	Not reported

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292 South 1/2-1 0.923 mi. 4876 ft.

TECHNICAL METAL FINISHERS
214 STARR STREET
BROOKLYN, NY 11237

SEMS-ARCHIVE **1003864057**
NY SHWS **NYD980780894**

Relative: Higher

Actual: 34 ft.

SEMS Archive:

Site ID:	0202279
EPA ID:	NYD980780894
Name:	TECHNICAL METAL FINISHERS
Address:	214 STARR STREET
Address 2:	Not reported
City,State,Zip:	BROOKLYN, NY 11237
Cong District:	11
FIPS Code:	36047
FF:	N
NPL:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region:	02
Site ID:	0202279
EPA ID:	NYD980780894
Site Name:	TECHNICAL METAL FINISHERS
NPL:	N
FF:	N
OU:	00
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	1997-09-30 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse

Region:	02
Site ID:	0202279
EPA ID:	NYD980780894
Site Name:	TECHNICAL METAL FINISHERS
NPL:	N
FF:	N
OU:	00
Action Code:	PA

TECHNICAL METAL FINISHERS (Continued) **1003864057**

Action Name: PA
SEQ: 1
Start Date: Not reported
Finish Date: 1984-09-01 05:00:00
Qual: L
Current Action Lead: St Perf

Region: 02
Site ID: 0202279
EPA ID: NYD980780894
Site Name: TECHNICAL METAL FINISHERS
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1984-09-01 05:00:00
Finish Date: 1984-09-01 05:00:00
Qual: Not reported
Current Action Lead: St Perf

Region: 02
Site ID: 0202279
EPA ID: NYD980780894
Site Name: TECHNICAL METAL FINISHERS
NPL: N
FF: N
OU: 00
Action Code: SI
Action Name: SI
SEQ: 1
Start Date: 1985-05-01 05:00:00
Finish Date: 1985-05-31 05:00:00
Qual: L
Current Action Lead: St Perf

SHWS:
Name: TECHNICAL METAL FINISHERS
Address: 214 STARR STREET
City,State,Zip: BROOKLYN, NY
Program: HW
Site Code: 57764
Classification: C
Region: 2
Acres: Not reported
HW Code: 224008
Record Add: 11/18/1999
Record Upd: 03/23/2007
Updated By: dcwalsh
Site Description: "The Technical Metal Finishers Company was a plating company located in a light industrial/residential area. The company is out of business and the site is abandoned. The site was discovered in June 1982 when a fire occurred at the abandoned plant. The facility contained waste acids, caustics and cyanides stored in tanks and drums. The wastes contained in the tanks and drums were removed by a

TECHNICAL METAL FINISHERS (Continued) **1003864057**

	contractor hired by NYC Dept. of Environmental Protection. Clean up has been initiated by NYC Dept. of Environmental Protection through contract with Radiac Research Corporation. All tanks and debris have been removed from site and soil has been excavated. The building was demolished, and all work has been completed."
Env Problem:	"The site was delisted from the Registry as removal action conducted at the site has removed all hazardous waste."
Health Problem:	"NYSDOH has insufficient information to fully evaluate the potential for human exposures."
Dump:	False
Structure:	True
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	unknown
Disp Term:	unknown
Lat/Long:	40:42:22:0 / 73:55:22:0
Dell:	False
Record Add:	1999-11-18 12:00:00
Record Upd:	1999-11-18 12:00:00
Updated By:	INITIAL
Own Op:	3
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	AL ROZELL
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	ZZ
Owner Country:	United States of America
Own Op:	1
Sub Type:	C01
Owner Name:	Not reported
Owner Company:	AL ROZELL
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	ZZ
Owner Country:	United States of America
HW Code:	224008
Waste Type:	POSSIBLE CONTAMINATED FLOOR BOARDS
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224008
Waste Type:	AND SOIL AT SITE.
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	11
Cross Ref Type Code:	15
Cross Ref Type:	Congressional District
Record Added Date:	1999-11-18 12:00:00
Record Updated:	2005-02-24 15:54:00
Updated By:	INITIAL
Crossref ID:	NYD980780894
Cross Ref Type Code:	05
Cross Ref Type:	EPA Site ID
Record Added Date:	1999-11-18 12:00:00
Record Updated:	2001-05-10 16:31:00
Updated By:	REGTRANS

TECHNICAL METAL FINISHERS (Continued) **1003864057**

Crossref ID: 020
Cross Ref Type Code: 13
Cross Ref Type: Senate District
Record Added Date: 1999-11-18 12:00:00
Record Updated: 2005-02-24 15:54:00
Updated By: INITIAL

293
SSW
1/2-1
0.960 mi.
5069 ft.

2 INGRAHAM STREET **NY SHWS** **S110487597**
2 INGRAHAM ST **NY VCP** **N/A**
EAST WILLIAMSBURG, NY 11206 **NY BROWNFIELDS**

Relative:
Higher

Actual:
19 ft.

SHWS:
Name: FORMER JAYER PLATING
Address: 2 INGRAHAM ST
City,State,Zip: EAST WILLIAMSBURG, NY 11206
Program: HW
Site Code: 57074
Classification: N
Region: 2
Acres: 0.500
HW Code: 224036
Record Add: 02/21/2002
Record Upd: 02/28/2018
Updated By: JEBROWN
Site Description: "Site being handled under BCP - C224036 Location: The Former Jayer Plating site is located at 2 Ingraham Street in the East Williamsburg Area of Brooklyn, New York. Site Features: The site is a 0.5 acre warehouse and is bordered on the south by Harrison Place, on the north by Ingraham Street, on the west by Bogart Street, and on the east by Morgan Avenue. The site is affected by an easement for the New York City Water Tunnel No. 3. Current Zoning and Land Use: The current zoning of the property is M1-2 (light manufacturing), and it is currently vacant. The surrounding land use is mainly manufacturing (M-1 and M-2) with residential (R-6) farther east and west of the site. The businesses in the immediate area include warehouses, auto scrap yards, masonry materials sales, waste management and trucking. The neighborhood surrounding the site includes some residential units interspersed with commercial properties. A New York City Transit Authority subway line is located beneath Harrison Place, and there are rail yards nearby which are connected to the Long Island Railroad Bushwick Branch. Past Use of the Site: Prior 1946 the Site was used as an orphanage. In 1948, the site was occupied by an umbrella manufacturing plant and a metal plating company between 1946 and early 1990's. After the 1990's, the site has been used as a warehouse without major changes. The site structure has been unoccupied since April 2016. Site Geology and Hydrogeology: The site is underlain by 0 to 8 feet of fill. The fill consists predominantly of silty sands with gravel, bricks, rock fragments, concrete, and coal cinders. Native soils beneath the fill layer consist of medium to fine sand and silt and continues with slight variations up to 35 feet below ground surface (bgs). Clay was encountered at several boring locations at depths greater than 6 feet bgs. The depth to groundwater is approximately 15 feet below grade. The regional groundwater flow direction is roughly south to north, towards the English Kills. "
Env Problem: "This site is now in the BCP as 2 Ingraham Street site (C224036). Project was reclassed to N. "

2 INGRAHAM STREET (Continued) **S110487597**

Health Problem:	Not reported
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	Document Repository
Sub Type:	C05
Owner Name:	Gerald A. Esposito
Owner Company:	Brooklyn Community Board 1
Owner Address:	435 Graham Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America
Own Op:	1
Sub Type:	01
Owner Name:	Joe Brunner
Owner Company:	Bogart Holdings LLC
Owner Address:	390 Berry Street, Suite 200
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11249
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Loren Williams
Owner Company:	Brooklyn Public Library, Central Branch
Owner Address:	10 Grand Army Plaza
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11238
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

VCP:

Name:	2 INGRAHAM STREET
Address:	2 INGRAHAM STREET
City,State,Zip:	BROOKLYN, NY 11206
Program Type:	VCP
Site Code:	56868
HW Code:	V00184
Site Class:	N
SWIS:	2401

2 INGRAHAM STREET (Continued) **S110487597**

Region:	2
Town:	New York City
Acres:	Not reported
Date Record Added:	11/30/2000
Date Record Updated:	06/16/2009
Updated By:	IXMUNTEA
Site Description:	"2 Ingraham Street, site represents the Block 3084, Lot 1, in the Williamsburg Area of Brooklyn, NY 11206. The site is a 0.5 acre warehouse. The property is bordered by Ingraham Street to the north, by Marrisson Place to the south, by Bogart Street to the west and by Morgan Avenue to the east. The current use of the site is commercial. Before 1998, the building was used for cloth manufacturing and one of its section was used as a plating factory (Former Jayer Plating Co.). In spring 1998, the warehouse was vacant. The neighbourhood was mixed industrial, residential, and commercial. In the western section of the warehouse, where the plating factory has operated a deep corroded dry drain was noticed. In this area the concrete floor was also broken and corroded, perhaps due to waste bath residues of the metal plating processes on the floor. The VCP investigation was not compleated and the Volunteer Cleanup Agreement negotiations have been closed . See project C224036 "
Env Problem:	""
Health Problem:	Not reported
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	6
Sub Type:	ZZZ
Owner Name:	CARL SAVRYN
Owner Company:	Milhan Realty Corporation
Owner Address:	2 INGRAHAM ST.
Owner Addr2:	Not reported
Owner City,St,Zip:	BROOKLYN, NY 11206
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

BROWNFIELDS:

Name:	2 INGRAHAM STREET - OFF-SITE
Address:	2 INGRAHAM ST

2 INGRAHAM STREET (Continued) **S110487597**

City,State,Zip:	EAST WILLIAMSBURG, NY 11206
Program:	BCP
Site Code:	567066
Acres:	Not reported
HW Code:	C224036A
SWIS:	2401
Town:	New York City
Record Added Date:	02/22/2018
Record Updated Date:	03/25/2019
Update By:	GWBURKE
Site Description:	"This project (2 Ingraham Street Off-Site, C224036A) was created to investigate for potential off-site impacts from the 2 Ingraham Street BCP Site (C224036). Location: This site is the off-site component to the 2 Ingraham Street Site located at 2 Ingraham Street in the East Williamsburg Area of Brooklyn, New York. Site Features: The BCP site is a 0.5 acre warehouse and is bordered on the south by Harrison Place, on the north by Ingraham Street, on the west by Bogart Street, and on the east by Morgan Avenue. The BCP site is affected by an easement for the New York City Water Tunnel No. 3. Current Zoning and Land Use: The current zoning of the BCP site is M1-2 (light manufacturing), and it is currently vacant. The surrounding land use is mainly manufacturing (M-1 and M-2) with residential (R-6) farther east and west of the site. The businesses in the immediate area include warehouses, auto scrap yards, masonry materials sales, waste management and trucking. The neighborhood surrounding the site includes some residential units interspersed with commercial properties. A New York City Transit Authority subway line is located beneath Harrison Place, and there are rail yards nearby which are connected to the Long Island Railroad Bushwick Branch. Past Use of the Site: Prior 1946 the BCP site was used as an orphanage. In 1948, the BCP site was occupied by an umbrella manufacturing plant and a metal plating company between 1946 and early 1990's. After the 1990's, the BCP site has been used as a warehouse without major changes. The site structure has been unoccupied since April 2016. Site Geology and Hydrogeology: The BCP site is underlain by 0 to 8 feet of fill. The fill consists predominantly of silty sands with gravel, bricks, rock fragments, concrete, and coal cinders. Native soils beneath the fill layer consist of medium to fine sand and silt and continues with slight variations up to 35 feet below ground surface (bgs). Clay was encountered at several boring locations at depths greater than 6 feet bgs. The depth to groundwater is approximately 15 feet below grade. The regional groundwater flow direction is roughly south to north, towards the English Kills. "
Env Problem:	"Nature and Extent of Contamination: The primary contaminants of concern off-site include metals, and volatile organic compounds (VOCs). Previous environmental investigation in the area revealed concentrations of metals and VOCs exceeding Standards, Criteria, and Guidance values in the soil and/or groundwater. Based upon investigations to date, shallow soils (up to 5 feet below ground surface) are contaminated with metals. Data results from soils sampling reported metals (lead, mercury and nickel). Maximum detections vs. applicable unrestricted use or protection of groundwater cleanup objectives are as follows: lead at 106 parts per million (ppm) vs. 63 ppm, mercury at 18.2 ppm vs. 0.73 ppm, and nickel at 433 ppm vs. 130 ppm. Groundwater sampling indicates metals and VOCs contamination above Class GA groundwater standards. Some metals were found in relative low levels in groundwater and are

2 INGRAHAM STREET (Continued) **S110487597**

	likely related to the presence of historic fill. Maximum groundwater detections vs. standards are as follows: tetrachloroethene at 17 parts per billion (ppb) vs. 5 ppb, trichloroethene at 140 ppb vs. 5 ppb, chromium at 10,800 ppb vs. 50 ppb, and nickel at 8,690 ppb vs. 100 ppb. "
Health Problem:	"Information submitted with the BCP application regarding the conditions at the site are currently under review and will be revised as additional information becomes available."
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2018-03-07 12:41:00
Record Upd:	2018-03-07 12:41:00
Updated By:	JXPEREZM
Own Op:	Not reported
Sub Type:	Not reported
Owner Name:	Not reported
Owner Company:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Country:	Not reported
HW Code:	C224036A
Waste Type:	trichloroethene (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224036A
Waste Type:	nickel
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224036A
Waste Type:	chromium
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224036A
Waste Type:	mercury
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224036A
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224036A
Waste Type:	lead
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported

2 INGRAHAM STREET (Continued) **S110487597**

Updated By:	Not reported
Name:	2 INGRAHAM STREET
Address:	2 INGRAHAM ST
City,State,Zip:	EAST WILLIAMSBURG, NY 11206
Program:	BCP
Site Code:	435675
Acres:	1.800
HW Code:	C224036
SWIS:	2401
Town:	New York City
Record Added Date:	06/04/2010
Record Updated Date:	01/26/2021
Update By:	JCGRATHW
Site Description:	"Location: The 2 Ingraham Street site is located at 2 Ingraham Street in the East Williamsburg Area of Brooklyn, New York. Site Features: The site is a 0.5 acre warehouse and is bordered on the south by Harrison Place, on the north by Ingraham Street, on the west by Bogart Street, and on the east by Morgan Avenue. The site is affected by an easement for the New York City Water Tunnel No. 3. Current Zoning and Land Use: The current zoning of the property is M1-2 (light manufacturing), and it is currently vacant. The surrounding land use is mainly manufacturing (M-1 and M-2) with residential (R-6) farther east and west of the site. The businesses in the immediate area include warehouses, auto scrap yards, masonry materials sales, waste management and trucking. The neighborhood surrounding the site includes some residential units interspersed with commercial properties. A New York City Transit Authority subway line is located beneath Harrison Place, and there are rail yards nearby which are connected to the Long Island Railroad Bushwick Branch. Past Use of the Site: Prior 1946 the Site was used as an orphanage. In 1948, the site was occupied by an umbrella manufacturing plant and a metal plating company between 1946 and early 1990's. After the 1990's, the site has been used as a warehouse without major changes. The site structure has been unoccupied since April 2016. Site Geology and Hydrogeology: The site is underlain by 0 to 8 feet of fill. The fill consists predominantly of silty sands with gravel, bricks, rock fragments, concrete, and coal cinders. Native soils beneath the fill layer consist of medium to fine sand and silt and continues with slight variations up to 35 feet below ground surface (bgs). Clay was encountered at several boring locations at depths greater than 6 feet bgs. The depth to groundwater is approximately 15 feet below grade. The regional groundwater flow direction is roughly south to north, towards the English Kills. "
Env Problem:	"Nature and Extent of Contamination: Soil and groundwater were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, polychlorinated biphenyls (PCBs), and pesticides. The primary contaminants of concern at the site include metals, SVOCs, and VOCs. Environmental investigation in the area revealed concentrations of metals, SVOCs, and VOCs exceeding Standards, Criteria, and Guidance values (SCGs) in the soil and/or groundwater. Soil: Based upon investigations to date, sub-surface soils are contaminated with metals, SVOCS, and VOCs. Results from soils sampling reported metals (chromium, lead, mercury, and nickel), SVOCs (polyaromatic hydrocarbons or PAHs), and VOCs(tetrachloroethene or PCE). The PAHs contamination in soils is likely related to the presence of historic fill. Maximum detections vs. applicable

2 INGRAHAM STREET (Continued) **S110487597**

unrestricted use or protection of groundwater soil cleanup objectives (UUSCO/PGWSCO) are as follows: chromium at 8,400 ppm vs. 19 ppm, lead at 607 ppm vs. 63 ppm, mercury at 1,790 ppm vs. 0.73 ppm, nickel at 3,720 ppm vs. 130 ppm, several PAHs including benzo(a)pyrene at 16 ppm vs. 1 ppm, and PCE at 1.9 ppm vs. 0.47 ppm. Mercury and nickel (up to 18.2 ppm, and 433 ppm, respectively) were detected off-site at soil boring SSB7N. Lead (up to 106 ppm) was detected off-site at soil boring SB8. Groundwater: Groundwater sampling indicates metals and VOCs contamination above Class GA groundwater standards. Some metals were found in relative low levels in groundwater and are likely related to the presence of historic fill. Maximum groundwater detections vs. standards are as follows: chromium at 110,000 parts per billion (ppb) vs. 50 ppb, lead at 461 ppb vs. 25 ppb, and nickel at 90,900 ppb vs. 100 ppb. PCE (up to 17 ppb) and mercury (up to 3.3 ppb) were detected in off-site downgradient groundwater at MW-7. Chromium, lead, and nickel (up to 10,800 ppb, 802 ppb, and 8,690 ppb, respectively) were detected off-site in down-gradient groundwater at MW-8. Trichloroethene up to 140 ppb was detected off-site in groundwater at MW-6. Soil Vapor: Elevated levels of VOCs were detected in sub-slab soil vapor. The maximum concentrations of PCE and 1,1,1-Trichloroethane in sub-slab soil vapor were detected in the northwestern/northeastern portion of the site at the respective concentrations of 827 micrograms per cubic meter (ug/m3) and 1,220 ug/m3. In addition, soil vapor intrusion (SVI) levels for methylene chloride (e.g., 42 ug/m3 [below the slab] and 20.5 ug/m3 [indoor air]) require additional assessment, investigation or mitigation in accordance with NYSDOH SVI matrices. Therefore, additional sampling is needed to determine whether actions are needed to address soil vapor intrusion on- and off-site. Significant Threat: Recent public events held at the site and past unapproved activities are likely to increase the risk of direct contact with the contamination visually observed on the surface of the slab and/or slab areas with broken concrete in which the upper soils likely contain hazardous waste levels of contamination. Contravention of SCOs for metals pose a significant threat to human health due to accessibility. Also, metals contamination in soil at the source area exceeds respective industrial and/or protection of groundwater SCOs. This has resulted in contamination of shallow groundwater at levels several orders of magnitude above standards, creating a significant threat to the environment."

Health Problem: "Contaminated groundwater at the site is not used for drinking or other purposes and the site is served by a public water supply that obtains water from a different source not affected by this contamination. People may come into contact with contaminants in soils if they dig below the surface or contact exposed soil. Volatile organic compounds in soil vapor (air spaces within the soil) may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of site-related contaminants due to soil vapor intrusion does not represent a current concern. The potential exists for the inhalation of site contaminants due to soil vapor intrusion in the event the site is re-occupied and for any future buildings developed on the site. Additional evaluation is needed to determine whether actions are needed to address soil vapor intrusion off-site. "

Dump: False

2 INGRAHAM STREET (Continued) **S110487597**

Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2013-09-20 13:57:00
Record Upd:	2016-09-28 14:18:00
Updated By:	JXPEREZM
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Loren Williams
Owner Company:	Brooklyn Public Library, Central Branch
Owner Address:	10 Grand Army Plaza
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11238
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Joseph Brunner
Owner Company:	Bogart Holdings LLC
Owner Address:	390 Berry Street, Suite 200
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11249
Owner Country:	United States of America
Own Op:	1
Sub Type:	06
Owner Name:	Steve Novenstein
Owner Company:	74 Bogart LLC
Owner Address:	c/o Storage Deluxe Realty
Owner Addr2:	26 W. 17th Street, Suite 801
Owner City,St,Zip:	new york, NY 10011
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Gerald A. Esposito
Owner Company:	Brooklyn Community Board 1
Owner Address:	435 Graham Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Steve Novenstein
Owner Company:	74 Bogart LLC
Owner Address:	c/o Storage Deluxe Realty
Owner Addr2:	26 W. 17th Street, Suite 801
Owner City,St,Zip:	new york, NY 10011
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	C224036-09-10
Cross Ref Type Code:	23

2 INGRAHAM STREET (Continued) **S110487597**

Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2020-02-10 08:47:00
Record Updated:	2020-02-10 09:32:00
Updated By:	SMQUANDT
Crossref ID:	11/10/2010
Cross Ref Type Code:	26
Cross Ref Type:	Agreement/Consent Order Date
Record Added Date:	2020-02-10 08:48:00
Record Updated:	2020-02-10 08:48:00
Updated By:	JXPEREZM
Crossref ID:	9830001
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2016-03-30 11:11:00
Record Updated:	2016-03-30 11:11:00
Updated By:	JXPEREZM
Crossref ID:	224036
Cross Ref Type Code:	02
Cross Ref Type:	HW Site ID
Record Added Date:	2018-02-28 08:41:00
Record Updated:	2018-02-28 08:41:00
Updated By:	JEBROWN
Crossref ID:	V00184
Cross Ref Type Code:	04
Cross Ref Type:	VCP Site ID
Record Added Date:	2018-02-28 08:39:00
Record Updated:	2018-02-28 08:39:00
Updated By:	JEBROWN

Count: 16 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BROOKLYN	S113916751	INGRAHAM STREET SIDEWALK GW	INGRAHAM STREET	11237	NY SHWS
BROOKLYN	S113917078	NORTH OF CORNISH KNIT GOODS	JOHNSON AVE	11206	NY SHWS
BROOKLYN	S105972439	JONES MOTORS	LOMBARDY STREET (FOOT OF NEWTO		NY SHWS
BROOKLYN	1003863619	JONES MOTOR SITE	LOMBARDY ST	11222	SEMS-ARCHIVE
BROOKLYN	S113922158	EQUITY WORKS	MASPETH AND VANDERVORT AVES.	11211	NY VCP
BROOKLYN	S113916693	MEEKER AVENUE PLUME TRACKDOWN	MEEKER AVENUE	11222	NY SHWS
BROOKLYN	S113916666	MORGAN OIL TERMINAL	224038 MORGAN OIL TERMINAL		NY SHWS
BROOKLYN	S113922100	SCHOLES ST. STATION	SCHOLES ST 7 BOGART STS, MESSE	11206	NY VCP
BROOKLYN	S110487592	K - SCHOLES ST. STATION	SCHOLES ST 7 BOGART STS, MESSE	11206	NY SHWS, NY BROWNFIELDS
BROOKLYN	S126022881	EAST FLATBUSH/PAERDEGAT AVE	UNDER TROY AVENUE SOUTH OF GLE		NY SWF/LF
JACKSON HEIGHTS	S113916689	34TH AVE. & 62ND ST. PLUME	34TH AVE. & 62ND ST. INTERSECT	11377	NY SHWS
LONG ISLAND CITY	S121933832	PURVES STREET GROUNDWATER	PURVES STREET BTW THOMPSON AVE	11101	NY SHWS
QUEENS	S122985415	A&G USED AUTO PART D/B/A PARTS ARE	1937 B FLUSHING AVERNUE	11385	NY SWF/LF
QUEENS COUNTY	S113917043	QUEENS WEST - SOUTH	CENTER BLVD, 47TH RD, 48TH AVE	11101	NY SHWS
QUEENS COUNTY	S113916834	OUTLET CITY	QUEENS BLVD & JACKSON AVE	11101	NY SHWS
RIDGEWOOD	S118628347	WOLFF-ALPORT CHEMICAL COMPANY	1127-1129 IRVING AVENUE	11385	NY SHWS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 04/27/2021
Date Data Arrived at EDR: 05/03/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 16

Source: EPA
Telephone: N/A
Last EDR Contact: 06/04/2021
Next Scheduled EDR Contact: 07/12/2021
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 04/27/2021
Date Data Arrived at EDR: 05/03/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 16

Source: EPA
Telephone: N/A
Last EDR Contact: 06/04/2021
Next Scheduled EDR Contact: 07/12/2021
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 04/27/2021
Date Data Arrived at EDR: 05/03/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 16

Source: EPA
Telephone: N/A
Last EDR Contact: 06/04/2021
Next Scheduled EDR Contact: 07/12/2021
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 02/22/2021
Date Data Arrived at EDR: 03/30/2021
Date Made Active in Reports: 06/17/2021
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 03/30/2021
Next Scheduled EDR Contact: 07/12/2021
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/27/2021
Date Data Arrived at EDR: 05/03/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 16

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/04/2021
Next Scheduled EDR Contact: 07/26/2021
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 04/27/2021
Date Data Arrived at EDR: 05/03/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 16

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/04/2021
Next Scheduled EDR Contact: 07/26/2021
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 57

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/23/2021
Next Scheduled EDR Contact: 07/05/2021
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 03/23/2021
Next Scheduled EDR Contact: 07/05/2021
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 03/23/2021
Next Scheduled EDR Contact: 07/05/2021
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 03/23/2021
Next Scheduled EDR Contact: 07/05/2021
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 03/23/2021
Next Scheduled EDR Contact: 07/05/2021
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 02/09/2021
Date Data Arrived at EDR: 02/11/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 39

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 05/05/2021
Next Scheduled EDR Contact: 08/23/2021
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 02/22/2021
Date Data Arrived at EDR: 02/23/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/21/2021
Next Scheduled EDR Contact: 09/06/2021
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 02/22/2021
Date Data Arrived at EDR: 02/23/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/21/2021
Next Scheduled EDR Contact: 09/06/2021
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/24/2021
Date Made Active in Reports: 06/17/2021
Number of Days to Update: 85

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 06/17/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

SHWS: Inactive Hazardous Waste Disposal Sites in New York State

Referred to as the State Superfund Program, the Inactive Hazardous Waste Disposal Site Remedial Program is the cleanup program for inactive hazardous waste sites and now includes hazardous substance sites

Date of Government Version: 02/09/2021
Date Data Arrived at EDR: 02/10/2021
Date Made Active in Reports: 05/05/2021
Number of Days to Update: 84

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 05/11/2021
Next Scheduled EDR Contact: 08/23/2021
Data Release Frequency: Annually

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Facility Register

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 01/15/2021
Date Made Active in Reports: 04/08/2021
Number of Days to Update: 83

Source: Department of Environmental Conservation
Telephone: 518-402-8678
Last EDR Contact: 03/31/2021
Next Scheduled EDR Contact: 07/12/2021
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/09/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/12/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/07/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 10/02/2020
Date Data Arrived at EDR: 12/18/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 84
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 06/17/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 09/30/2020
Date Data Arrived at EDR: 12/22/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 80
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Varies

LTANKS: Spills Information Database
Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills.

Date of Government Version: 02/09/2021
Date Data Arrived at EDR: 02/10/2021
Date Made Active in Reports: 05/10/2021
Number of Days to Update: 89
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 05/11/2021
Next Scheduled EDR Contact: 08/23/2021
Data Release Frequency: Varies

HIST LTANKS: Listing of Leaking Storage Tanks

A listing of leaking underground and aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills. In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY LTANKS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/29/2021
Date Data Arrived at EDR: 02/17/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 33

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 04/05/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: Varies

UST: Petroleum Bulk Storage (PBS) Database

Facilities that have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons.

Date of Government Version: 03/23/2021
Date Data Arrived at EDR: 03/24/2021
Date Made Active in Reports: 06/14/2021
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 03/24/2021
Next Scheduled EDR Contact: 07/05/2021
Data Release Frequency: No Update Planned

CBS UST: Chemical Bulk Storage Database

Facilities that store regulated hazardous substances in underground tanks of any size

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 10/24/2005
Next Scheduled EDR Contact: 01/23/2006
Data Release Frequency: No Update Planned

MOSF UST: Major Oil Storage Facilities Database

Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

MOSF: Major Oil Storage Facility Site Listing

These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 03/23/2021
Date Data Arrived at EDR: 03/24/2021
Date Made Active in Reports: 06/14/2021
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 03/24/2021
Next Scheduled EDR Contact: 07/05/2021
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CBS: Chemical Bulk Storage Site Listing

These facilities store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size

Date of Government Version: 03/23/2021
Date Data Arrived at EDR: 03/24/2021
Date Made Active in Reports: 06/14/2021
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 03/24/2021
Next Scheduled EDR Contact: 07/05/2021
Data Release Frequency: Quarterly

AST: Petroleum Bulk Storage

Registered Aboveground Storage Tanks.

Date of Government Version: 03/23/2021
Date Data Arrived at EDR: 03/24/2021
Date Made Active in Reports: 06/14/2021
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 03/24/2021
Next Scheduled EDR Contact: 07/05/2021
Data Release Frequency: No Update Planned

CBS AST: Chemical Bulk Storage Database

Facilities that store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

MOSF AST: Major Oil Storage Facilities Database

Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 10/07/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 09/30/2020
Date Data Arrived at EDR: 12/22/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 80

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 11/12/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 10/02/2020
Date Data Arrived at EDR: 12/18/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 84

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 06/17/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/09/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Varies

TANKS: Storage Tank Faciliy Listing

This database contains records of facilities that are or have been regulated under Bulk Storage Program. Tank information for these facilities may not be releasable by the state agency.

Date of Government Version: 03/23/2021
Date Data Arrived at EDR: 03/24/2021
Date Made Active in Reports: 06/14/2021
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-9543
Last EDR Contact: 03/24/2021
Next Scheduled EDR Contact: 07/05/2021
Data Release Frequency: Quarterly

State and tribal institutional control / engineering control registries

ENV RES DECL: Environmental Restrictive Declarations

The Environmental Restrictive Declarations (ERD) listed were recorded in connection with a zoning action against the noted Tax Blocks and Tax Lots, or portion thereof, and are available in the property records on file at the Office of the City Register for Bronx, Kings, New York and Queens counties or at the Richmond County Clerk's office. They contain environmental requirements with respect to hazardous materials, air quality and/or noise in accordance with Section 11-15 of this Resolution.

Date of Government Version: 02/25/2021
Date Data Arrived at EDR: 03/18/2021
Date Made Active in Reports: 06/04/2021
Number of Days to Update: 78

Source: New York City Department of City Planning
Telephone: 212-720-3300
Last EDR Contact: 06/14/2021
Next Scheduled EDR Contact: 09/27/2021
Data Release Frequency: Varies

RES DECL: Restrictive Declarations Listing

A restrictive declaration is a covenant running with the land which binds the present and future owners of the property. As a condition of certain special permits, the City Planning Commission may require an applicant to sign and record a restrictive declaration that places specified conditions on the future use and development of the property. Certain restrictive declarations are indicated by a D on zoning maps.

Date of Government Version: 02/25/2021
Date Data Arrived at EDR: 03/17/2021
Date Made Active in Reports: 06/04/2021
Number of Days to Update: 79

Source: NYC Department of City Planning
Telephone: 212-720-3401
Last EDR Contact: 06/14/2021
Next Scheduled EDR Contact: 09/27/2021
Data Release Frequency: Varies

ENG CONTROLS: Registry of Engineering Controls

Environmental Remediation sites that have engineering controls in place.

Date of Government Version: 02/09/2021
Date Data Arrived at EDR: 02/10/2021
Date Made Active in Reports: 05/05/2021
Number of Days to Update: 84

Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 05/11/2021
Next Scheduled EDR Contact: 08/23/2021
Data Release Frequency: Quarterly

INST CONTROL: Registry of Institutional Controls

Environmental Remediation sites that have institutional controls in place.

Date of Government Version: 02/09/2021
Date Data Arrived at EDR: 02/10/2021
Date Made Active in Reports: 05/05/2021
Number of Days to Update: 84

Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 05/11/2021
Next Scheduled EDR Contact: 08/23/2021
Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 06/15/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Varies

VCP: Voluntary Cleanup Agreements

New York established its Voluntary Cleanup Program (VCP) to address the environmental, legal and financial barriers that often hinder the redevelopment and reuse of contaminated properties. The Voluntary Cleanup Program was developed to enhance private sector cleanup of brownfields by enabling parties to remediate sites using private rather than public funds and to reduce the development pressures on "greenfield" sites.

Date of Government Version: 02/09/2021
Date Data Arrived at EDR: 02/10/2021
Date Made Active in Reports: 05/05/2021
Number of Days to Update: 84

Source: Department of Environmental Conservation
Telephone: 518-402-9711
Last EDR Contact: 05/11/2021
Next Scheduled EDR Contact: 08/23/2021
Data Release Frequency: Semi-Annually

VCP NYC: Voluntary Cleanup Program Listing NYC

New York City voluntary cleanup program sites.

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/10/2021
Date Made Active in Reports: 04/16/2021
Number of Days to Update: 37

Source: New York City Office of Environmental Protection
Telephone: 212-788-8841
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Site List

A Brownfield is any real property where redevelopment or re-use may be complicated by the presence or potential presence of a hazardous waste, petroleum, pollutant, or contaminant.

Date of Government Version: 02/09/2021
Date Data Arrived at EDR: 02/10/2021
Date Made Active in Reports: 05/05/2021
Number of Days to Update: 84

Source: Department of Environmental Conservation
Telephone: 518-402-9764
Last EDR Contact: 05/11/2021
Next Scheduled EDR Contact: 08/23/2021
Data Release Frequency: Semi-Annually

ERP: Environmental Restoration Program Listing

In an effort to spur the cleanup and redevelopment of brownfields, New Yorkers approved a $200 million Environmental Restoration or Brownfields Fund as part of the $1.75 billion Clean Water/Clean Air Bond Act of 1996 (1996 Bond Act). Enhancements to the program were enacted on October 7, 2003. Under the Environmental Restoration Program, the State provides grants to municipalities to reimburse up to 90 percent of on-site eligible costs and 100% of off-site eligible costs for site investigation and remediation activities. Once remediated, the property may then be reused for commercial, industrial, residential or public use.

Date of Government Version: 02/09/2021
Date Data Arrived at EDR: 02/10/2021
Date Made Active in Reports: 05/05/2021
Number of Days to Update: 84

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 05/11/2021
Next Scheduled EDR Contact: 08/23/2021
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 03/15/2021
Date Data Arrived at EDR: 03/16/2021
Date Made Active in Reports: 06/10/2021
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/10/2021
Next Scheduled EDR Contact: 09/27/2021
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWTIRE: Registered Waste Tire Storage & Facility List

A listing of facilities registered to accept waste tires.

Date of Government Version: 02/27/2018
Date Data Arrived at EDR: 04/06/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 63

Source: Department of Environmental Conservation
Telephone: 518-402-8694
Last EDR Contact: 06/07/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: No Update Planned

SWRCY: Registered Recycling Facility List

A listing of recycling facilities.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 01/15/2021
Date Made Active in Reports: 04/08/2021
Number of Days to Update: 83

Source: Department of Environmental Conservation
Telephone: 518-402-8678
Last EDR Contact: 03/31/2021
Next Scheduled EDR Contact: 07/12/2021
Data Release Frequency: Quarterly

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 04/22/2021
Next Scheduled EDR Contact: 08/09/2021
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 04/14/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 04/29/2021
Next Scheduled EDR Contact: 08/09/2021
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 12/07/2020
Date Data Arrived at EDR: 12/09/2020
Date Made Active in Reports: 03/02/2021
Number of Days to Update: 83

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/22/2021
Next Scheduled EDR Contact: 09/06/2021
Data Release Frequency: No Update Planned

DEL SHWS: Delisted Registry Sites

A database listing of sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites.

Date of Government Version: 02/09/2021
Date Data Arrived at EDR: 02/10/2021
Date Made Active in Reports: 05/05/2021
Number of Days to Update: 84

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 05/11/2021
Next Scheduled EDR Contact: 08/23/2021
Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 12/07/2020
Date Data Arrived at EDR: 12/09/2020
Date Made Active in Reports: 03/02/2021
Number of Days to Update: 83

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/18/2021
Next Scheduled EDR Contact: 09/06/2021
Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Location Listing

DEC surveyed select businesses, fire departments, fire training centers, bulk storage facilities, airports, and Department of Defense (DoD) facilities. The responses to the survey have helped to determine if these entities used or stored materials containing PFOA/PFOS including AFFF and dispersants used in Teflon coating operations. The results of this survey will be updated periodically as additional responses are received..

Date of Government Version: 01/16/2019
Date Data Arrived at EDR: 05/08/2019
Date Made Active in Reports: 06/24/2019
Number of Days to Update: 47

Source: Department of Environmental Conservation
Telephone: 518-402-9020
Last EDR Contact: 05/07/2021
Next Scheduled EDR Contact: 08/16/2021
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

HIST UST: Historical Petroleum Bulk Storage Database
These facilities have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. It is no longer updated due to the sensitive nature of the information involved. See UST for more current data.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: Varies

HIST AST: Historical Petroleum Bulk Storage Database
These facilities have petroleum storage capabilities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. No longer updated due to the sensitive nature of the information involved. See AST for more current data.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Spill Liens Information
Lien information from the Oil Spill Fund.

Date of Government Version: 02/01/2021
Date Data Arrived at EDR: 02/02/2021
Date Made Active in Reports: 04/26/2021
Number of Days to Update: 83
Source: Office of the State Comptroller
Telephone: 518-474-9034
Last EDR Contact: 04/29/2021
Next Scheduled EDR Contact: 08/16/2021
Data Release Frequency: Quarterly

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 04/27/2021
Date Data Arrived at EDR: 05/03/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 16
Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 06/04/2021
Next Scheduled EDR Contact: 07/12/2021
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/24/2021
Date Made Active in Reports: 06/17/2021
Number of Days to Update: 85
Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 06/17/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

SPILLS: Spills Information Database
Data collected on spills reported to NYSDEC as required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

Date of Government Version: 02/09/2021
Date Data Arrived at EDR: 02/10/2021
Date Made Active in Reports: 05/10/2021
Number of Days to Update: 89

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 05/11/2021
Next Scheduled EDR Contact: 08/23/2021
Data Release Frequency: Varies

HIST SPILLS: SPILLS Database

This database contains records of chemical and petroleum spill incidents. Under State law, petroleum and hazardous chemical spills that can impact the waters of the state must be reported by the spiller (and, in some cases, by anyone who has knowledge of the spills). In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY SPILLS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 12/14/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/12/2013
Number of Days to Update: 40

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 11/02/2010
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/07/2013
Number of Days to Update: 63

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 03/23/2021
Next Scheduled EDR Contact: 07/05/2021
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 02/11/2021
Date Data Arrived at EDR: 02/17/2021
Date Made Active in Reports: 04/05/2021
Number of Days to Update: 47
Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 05/18/2021
Next Scheduled EDR Contact: 08/30/2021
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62
Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/16/2021
Next Scheduled EDR Contact: 07/26/2021
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574
Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/05/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63
Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/18/2021
Next Scheduled EDR Contact: 08/23/2021
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 06/17/2021
Number of Days to Update: 86
Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 03/23/2021
Next Scheduled EDR Contact: 07/05/2021
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 04/30/2021
Next Scheduled EDR Contact: 08/16/2021
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 05/07/2021
Next Scheduled EDR Contact: 08/16/2021
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/17/2021
Next Scheduled EDR Contact: 09/27/2021
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 08/14/2020
Date Made Active in Reports: 11/04/2020
Number of Days to Update: 82

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 05/17/2021
Next Scheduled EDR Contact: 08/30/2021
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 01/20/2021
Date Data Arrived at EDR: 01/21/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 60

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/20/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/27/2021
Date Data Arrived at EDR: 05/03/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 16

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 06/04/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 01/22/2021
Date Data Arrived at EDR: 02/18/2021
Date Made Active in Reports: 05/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 04/19/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 12/30/2020
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 03/05/2021
Number of Days to Update: 50

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 06/04/2021
Next Scheduled EDR Contact: 08/16/2021
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/19/2020
Date Data Arrived at EDR: 01/08/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 73

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/09/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 03/31/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/11/2021
Date Made Active in Reports: 05/11/2021
Number of Days to Update: 61
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 04/16/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 12/01/2020
Date Made Active in Reports: 02/09/2021
Number of Days to Update: 70
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 05/27/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 05/27/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 05/07/2021
Next Scheduled EDR Contact: 08/16/2021
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 03/25/2021
Next Scheduled EDR Contact: 07/12/2021
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 04/27/2021
Next Scheduled EDR Contact: 08/09/2021
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 01/13/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 68

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/05/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 11/20/2020
Number of Days to Update: 151

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 03/23/2021
Next Scheduled EDR Contact: 07/05/2021
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/06/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 04/28/2021
Next Scheduled EDR Contact: 08/16/2021
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/21/2021
Next Scheduled EDR Contact: 08/30/2021
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 04/27/2021
Date Data Arrived at EDR: 05/03/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 16

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 06/04/2021
Next Scheduled EDR Contact: 07/12/2021
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/01/2021
Date Data Arrived at EDR: 02/24/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 84

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 05/25/2021
Next Scheduled EDR Contact: 09/06/2021
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 05/27/2021
Date Data Arrived at EDR: 05/27/2021
Date Made Active in Reports: 06/10/2021
Number of Days to Update: 14

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 05/26/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: Quarterly

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/27/2021
Next Scheduled EDR Contact: 09/06/2021
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/27/2021
Next Scheduled EDR Contact: 09/06/2021
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 03/23/2021
Date Data Arrived at EDR: 03/25/2021
Date Made Active in Reports: 06/17/2021
Number of Days to Update: 84

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 06/14/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/03/2021
Date Data Arrived at EDR: 03/03/2021
Date Made Active in Reports: 04/05/2021
Number of Days to Update: 33

Source: EPA
Telephone: (212) 637-3000
Last EDR Contact: 05/18/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 01/02/2021
Date Data Arrived at EDR: 01/08/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 04/06/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 77

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 04/13/2021
Next Scheduled EDR Contact: 07/26/2021
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/17/2020
Date Made Active in Reports: 02/09/2021
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 05/21/2021
Next Scheduled EDR Contact: 09/06/2021
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/17/2021
Date Data Arrived at EDR: 02/17/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 33

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 05/14/2021
Next Scheduled EDR Contact: 08/30/2021
Data Release Frequency: Quarterly

AIRS: Air Emissions Data

Point source emissions inventory data.

Date of Government Version: 02/05/2021
Date Data Arrived at EDR: 02/09/2021
Date Made Active in Reports: 02/17/2021
Number of Days to Update: 8

Source: Department of Environmental Conservation
Telephone: 518-402-8452
Last EDR Contact: 04/19/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Annually

COAL ASH: Coal Ash Disposal Site Listing
A listing of coal ash disposal site locations.

Date of Government Version: 09/30/2020
Date Data Arrived at EDR: 09/30/2020
Date Made Active in Reports: 12/21/2020
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 03/31/2021
Next Scheduled EDR Contact: 07/12/2021
Data Release Frequency: Quarterly

DRYCLEANERS: Registered Drycleaners
A listing of all registered drycleaning facilities.

Date of Government Version: 03/09/2021
Date Data Arrived at EDR: 03/11/2021
Date Made Active in Reports: 06/01/2021
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-8403
Last EDR Contact: 03/08/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Annually

E DESIGNATION: E DESIGNATION SITE LISTING
The (E (Environmental)) designation would ensure that sampling and remediation take place on the subject properties, and would avoid any significant impacts related to hazardous materials at these locations. The (E) designations would require that the fee owner of the sites conduct a testing and sampling protocol, and remediation where appropriate, to the satisfaction of the NYCDEP before the issuance of a building permit by the Department of Buildings pursuant to the provisions of Section 11-15 of the Zoning Resolution (Environmental Requirements). The (E) designations also include a mandatory construction-related health and safety plan which must be approved by NYCDEP.

Date of Government Version: 02/25/2021
Date Data Arrived at EDR: 03/25/2021
Date Made Active in Reports: 06/04/2021
Number of Days to Update: 71

Source: New York City Department of City Planning
Telephone: 718-595-6658
Last EDR Contact: 06/14/2021
Next Scheduled EDR Contact: 09/27/2021
Data Release Frequency: Semi-Annually

Financial Assurance 1: Financial Assurance Information Listing
Financial assurance information.

Date of Government Version: 01/07/2021
Date Data Arrived at EDR: 01/12/2021
Date Made Active in Reports: 04/02/2021
Number of Days to Update: 80

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 04/09/2021
Next Scheduled EDR Contact: 07/12/2021
Data Release Frequency: Quarterly

Financial Assurance 2: Financial Assurance Information Listing
A listing of financial assurance information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 06/11/2020
Date Data Arrived at EDR: 06/16/2020
Date Made Active in Reports: 09/02/2020
Number of Days to Update: 78

Source: Department of Environmental Conservation
Telephone: 518-402-8712
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

HSWDS: Hazardous Substance Waste Disposal Site Inventory
The list includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-Registry sites that U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared. Hazardous Substance Waste Disposal Sites are eligible to be Superfund sites now that the New York State Superfund has been refinanced and changed. This means that the study inventory has served its purpose and will no longer be maintained as a separate entity. The last version of the study inventory is frozen in time. The sites on the study will not automatically be made Superfund sites, rather each site will be further evaluated for listing on the Registry. So overtime they will be added to the registry or not.

Date of Government Version: 01/01/2003
Date Data Arrived at EDR: 10/20/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 41

Source: Department of Environmental Conservation
Telephone: 518-402-9564
Last EDR Contact: 05/26/2009
Next Scheduled EDR Contact: 08/24/2009
Data Release Frequency: No Update Planned

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 04/29/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 72

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 04/30/2021
Next Scheduled EDR Contact: 08/09/2021
Data Release Frequency: Quarterly

SPDES: State Pollutant Discharge Elimination System

New York State has a state program which has been approved by the United States Environmental Protection Agency for the control of wastewater and stormwater discharges in accordance with the Clean Water Act. Under New York State law the program is known as the State Pollutant Discharge Elimination System (SPDES) and is broader in scope than that required by the Clean Water Act in that it controls point source discharges to groundwaters as well as surface waters.

Date of Government Version: 02/11/2021
Date Data Arrived at EDR: 02/18/2021
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 22

Source: Department of Environmental Conservation
Telephone: 518-402-8233
Last EDR Contact: 04/19/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: No Update Planned

VAPOR REOPENED: Vapor Intrusion Legacy Site List

New York is currently re-evaluating previous assumptions and decisions regarding the potential for soil vapor intrusion exposures at sites. As a result, all past, current, and future contaminated sites will be evaluated to determine whether these sites have the potential for exposures related to soil vapor intrusion.

Date of Government Version: 12/01/2018
Date Data Arrived at EDR: 02/13/2019
Date Made Active in Reports: 06/13/2019
Number of Days to Update: 120

Source: Department of Environmenal Conservation
Telephone: 518-402-9814
Last EDR Contact: 05/14/2021
Next Scheduled EDR Contact: 08/23/2021
Data Release Frequency: Varies

UIC: Underground Injection Control Wells

A listing of enhanced oil recovery underground injection wells.

Date of Government Version: 03/01/2021
Date Data Arrived at EDR: 03/03/2021
Date Made Active in Reports: 05/21/2021
Number of Days to Update: 79

Source: Department of Environmental Conservation
Telephone: 518-402-8056
Last EDR Contact: 06/01/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: Quarterly

COOLING TOWERS: Registered Cooling Towers

This data includes the location of cooling towers registered with New York State. The data is self-reported by owners/property managers of cooling towers in service in New York State. In August 2015, the New York State Department of Health released emergency regulations requiring the owners of cooling towers to register them with New York State.

Date of Government Version: 01/05/2021
Date Data Arrived at EDR: 01/13/2021
Date Made Active in Reports: 04/02/2021
Number of Days to Update: 79

Source: Department of Health
Telephone: 518-402-7650
Last EDR Contact: 04/14/2021
Next Scheduled EDR Contact: 07/26/2021
Data Release Frequency: Varies

NYC LEAD 2: Recent Lead Paint Violations

Pursuant to New York City?s Housing Maintenance Code, the Department of Housing Preservation and Development (HPD) issues violations against conditions in rental dwelling units that have been verified to violate the New York City Housing Maintenance Code (HMC) or the New York State Multiple Dwelling Law (MDL). Violations are issued when an inspection verifies that a violation of the HMC or MDL exists. It is closed when the violation is corrected, as observed/verified by HPD or as certified by the landlord.

Date of Government Version: 02/01/2021
Date Data Arrived at EDR: 02/03/2021
Date Made Active in Reports: 04/29/2021
Number of Days to Update: 85

Source: New York City Department of Housing Preservation & Development
Telephone: 212-863-8200
Last EDR Contact: 05/03/2021
Next Scheduled EDR Contact: 08/16/2021
Data Release Frequency: Varies

NYC LEAD: Lead-based Paint Testing Results

The results of the inspections for all classrooms serving students under six in applicable buildings. Identifies all classrooms, whether there was observation of peeling paint, and if there was, standard response protocol was followed.

Date of Government Version: 09/29/2020
Date Data Arrived at EDR: 02/03/2021
Date Made Active in Reports: 04/29/2021
Number of Days to Update: 85

Source: New York City Department of Education
Telephone: 212-374-5141
Last EDR Contact: 05/03/2021
Next Scheduled EDR Contact: 08/16/2021
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 05/27/2021
Next Scheduled EDR Contact: 09/06/2021
Data Release Frequency: Varies

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 03/31/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: Varies

PCS INACTIVE: Listing of Inactive PCS Permits

An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 03/31/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: Semi-Annually

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 03/31/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in New York.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: Department of Environmental Conservation
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in New York.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/10/2014
Number of Days to Update: 193

Source: Department of Environmental Conservation
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

CORTLAND COUNTY:

AST - CORTLAND: Cortland County Storage Tank Listing

A listing of aboveground storage tank sites located in Cortland County.

Date of Government Version: 08/20/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/16/2019
Number of Days to Update: 57

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 04/22/2021
Next Scheduled EDR Contact: 08/09/2021
Data Release Frequency: Quarterly

UST - CORTLAND: Cortland County Storage Tank Listing

A listing of underground storage tank sites located in Cortland County.

Date of Government Version: 08/20/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/16/2019
Number of Days to Update: 57

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 04/22/2021
Next Scheduled EDR Contact: 08/09/2021
Data Release Frequency: Quarterly

NASSAU COUNTY:

AST - NASSAU: Registered Tank Database

A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 02/15/2017
Number of Days to Update: 35

Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 04/22/2021
Next Scheduled EDR Contact: 08/09/2021
Data Release Frequency: No Update Planned

AST NCFM: Storage Tank Database

A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011
Date Data Arrived at EDR: 02/23/2011
Date Made Active in Reports: 03/29/2011
Number of Days to Update: 34

Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 04/22/2021
Next Scheduled EDR Contact: 08/09/2021
Data Release Frequency: Varies

TANKS NASSAU: Registered Tank Database in Nassau County
A listing of facilities in Nassau County with storage tanks.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 02/15/2017
Number of Days to Update: 35
Source: Nassau County Department of Health
Telephone: 516-227-9691
Last EDR Contact: 04/22/2021
Next Scheduled EDR Contact: 08/09/2021
Data Release Frequency: Varies

UST - NASSAU: Registered Tank Database
A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 02/15/2017
Number of Days to Update: 35
Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 04/22/2021
Next Scheduled EDR Contact: 08/09/2021
Data Release Frequency: No Update Planned

UST NCFM: Storage Tank Database
A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011
Date Data Arrived at EDR: 02/23/2011
Date Made Active in Reports: 03/29/2011
Number of Days to Update: 34
Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 04/22/2021
Next Scheduled EDR Contact: 08/09/2021
Data Release Frequency: Varies

ROCKLAND COUNTY:

AST - ROCKLAND: Petroleum Bulk Storage Database
A listing of aboveground storage tank sites located in Rockland County. Rockland County?s Petroleum Bulk Storage (PBS) program is no longer in service. All related operations/duties are now wholly overseen by the New York State Dept. of Environmental Conservation (NYSDEC).

Date of Government Version: 02/02/2017
Date Data Arrived at EDR: 03/17/2017
Date Made Active in Reports: 09/22/2017
Number of Days to Update: 189
Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 05/26/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: No Update Planned

UST - ROCKLAND: Petroleum Bulk Storage Database
A listing of underground storage tank sites located in Rockland County. Rockland County?s Petroleum Bulk Storage (PBS) program is no longer in service. All related operations/duties are now wholly overseen by the New York State Dept. of Environmental Conservation (NYSDEC).

Date of Government Version: 02/02/2017
Date Data Arrived at EDR: 03/17/2017
Date Made Active in Reports: 09/22/2017
Number of Days to Update: 189
Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 05/26/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: No Update Planned

SUFFOLK COUNTY:

AST - SUFFOLK: Storage Tank Database
A listing of aboveground storage tank sites located in Suffolk County.

Date of Government Version: 06/28/2018
Date Data Arrived at EDR: 12/06/2018
Date Made Active in Reports: 02/07/2019
Number of Days to Update: 63
Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 04/26/2021
Next Scheduled EDR Contact: 08/09/2021
Data Release Frequency: No Update Planned

TANKS SUFFOLK: Storage Tank Database

This county is not included in the state?s database. These are facilities that have no tank information in the storage tank database.

Date of Government Version: 06/28/2018
Date Data Arrived at EDR: 02/05/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 31

Source: Department of Health Services
Telephone: 631-854-2516
Last EDR Contact: 04/26/2021
Next Scheduled EDR Contact: 08/09/2021
Data Release Frequency: Varies

UST - SUFFOLK: Storage Tank Database

A listing of underground storage tank sites located in Suffolk County.

Date of Government Version: 06/28/2018
Date Data Arrived at EDR: 12/06/2018
Date Made Active in Reports: 02/07/2019
Number of Days to Update: 63

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 04/26/2021
Next Scheduled EDR Contact: 08/09/2021
Data Release Frequency: No Update Planned

WESTCHESTER COUNTY:

AST - WESTCHESTER: Listing of Storage Tanks

A listing of aboveground storage tank sites located in Westchester County.

Date of Government Version: 02/09/2021
Date Data Arrived at EDR: 02/24/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 84

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 04/22/2021
Next Scheduled EDR Contact: 08/09/2021
Data Release Frequency: Semi-Annually

UST - WESTCHESTER: Listing of Storage Tanks

A listing of underground storage tank sites located in Westchester County.

Date of Government Version: 02/09/2021
Date Data Arrived at EDR: 02/24/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 84

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 04/22/2021
Next Scheduled EDR Contact: 08/09/2021
Data Release Frequency: Semi-Annually

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 10/05/2020
Date Data Arrived at EDR: 02/17/2021
Date Made Active in Reports: 05/10/2021
Number of Days to Update: 82

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/11/2021
Next Scheduled EDR Contact: 08/23/2021
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/09/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/09/2021
Next Scheduled EDR Contact: 07/26/2021
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 02/11/2021
Date Made Active in Reports: 02/24/2021
Number of Days to Update: 13

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/13/2021
Next Scheduled EDR Contact: 08/30/2021
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data
Hazardous waste manifest information.

Date of Government Version: 10/28/2019
Date Data Arrived at EDR: 10/29/2019
Date Made Active in Reports: 01/09/2020
Number of Days to Update: 72

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 04/12/2021
Next Scheduled EDR Contact: 07/26/2021
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Day Care Providers
Source: Department of Health
Telephone: 212-676-2444

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands
Source: Department of Environmental Conservation
Telephone: 518-402-8961

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

47TH STREET - MASPETH
57-00, 57-05, 57-57, AND 58-20 47TH STREET
MASPETH, NY 11378

TARGET PROPERTY COORDINATES

Latitude (North):	40.72004 - 40° 43' 12.14''
Longitude (West):	73.923068 - 73° 55' 23.04''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	590957.0
UTM Y (Meters):	4508026.0
Elevation:	9 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5940597 BROOKLYN, NY
Version Date:	2013

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

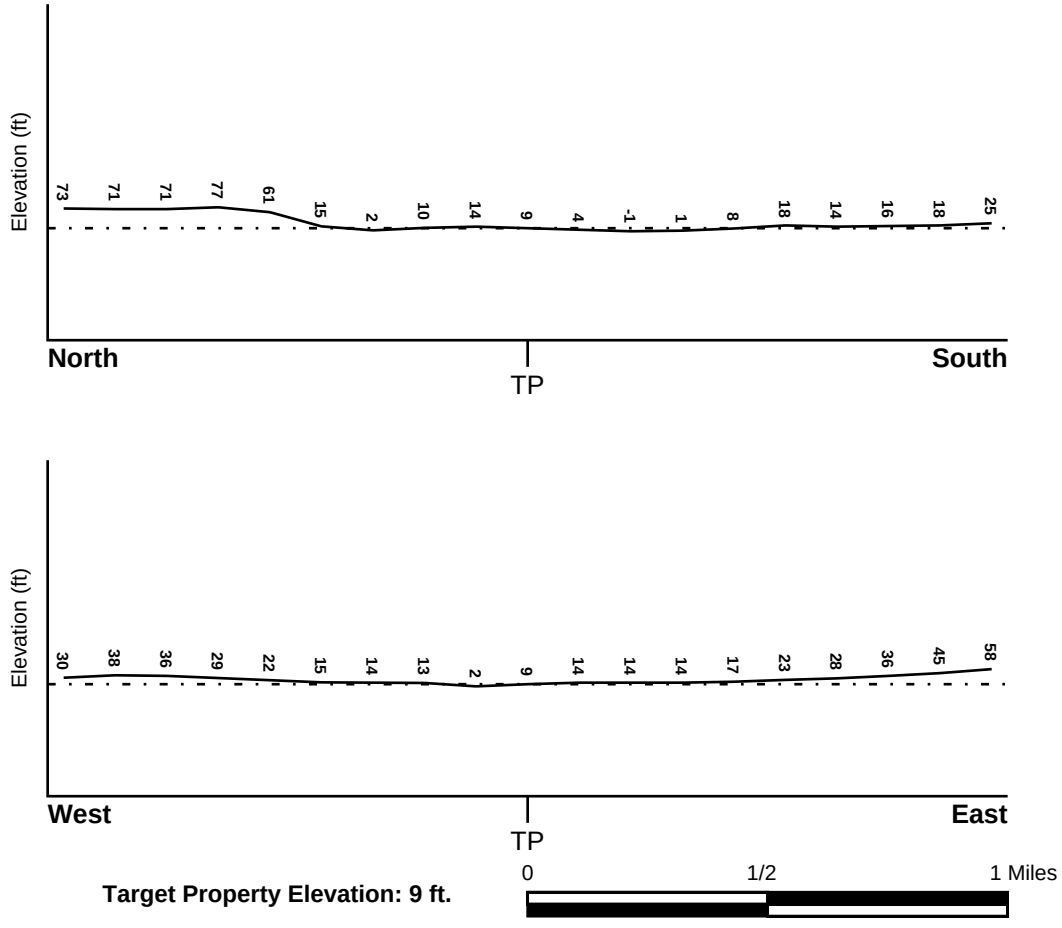
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General South

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 9 ft.

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
3604970206F	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
3604970202F	FEMA FIRM Flood data
3604970049B	FEMA Q3 Flood data
3604970204F	FEMA FIRM Flood data
3604970208F	FEMA FIRM Flood data
3604970057B	FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
BROOKLYN	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Location Relative to TP:	1/4 - 1/2 Mile NNE
Site Name:	Phelps Dodge Refining Corp
Site EPA ID Number:	NYD039138789
Groundwater Flow Direction:	DEPENDENT ON WELL PUMPING RATES.
Measured Depth to Water:	not available.
Hydraulic Connection:	Salt water intrusion may be present at the site. Information about the hydraulic connection between aquifers underlying the site is not available. The depth to bedrock is approximately 60 feet.
Sole Source Aquifer:	No information about a sole source aquifer is available
Data Quality:	Information is inferred in the CERCLIS investigation report(s)

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site--specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Mesozoic
System:	Cretaceous
Series:	Upper Cretaceous
Code:	uK *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: silt loam
loamy sand
sandy loam
fine sandy loam

Surficial Soil Types: silt loam
loamy sand
sandy loam
fine sandy loam

Shallow Soil Types: sandy loam

Deeper Soil Types: unweathered bedrock
very gravelly - loamy sand
stratified
sandy loam

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	USGS40000829791	0 - 1/8 Mile NW
2	USGS40000829962	1/4 - 1/2 Mile NNE
A3	USGS40000829706	1/4 - 1/2 Mile WSW
A4	USGS40000829722	1/4 - 1/2 Mile WSW
5	USGS40000829883	1/4 - 1/2 Mile ENE
6	USGS40000830073	1/4 - 1/2 Mile NNE
7	USGS40000829655	1/2 - 1 Mile WSW
8	USGS40000829428	1/2 - 1 Mile South
9	USGS40000830095	1/2 - 1 Mile NW
B10	USGS40000829988	1/2 - 1 Mile ENE
12	USGS40000830049	1/2 - 1 Mile ENE
13	USGS40000830159	1/2 - 1 Mile NW
14	USGS40000830264	1/2 - 1 Mile NNE
15	USGS40000830289	1/2 - 1 Mile North
16	USGS40000829597	1/2 - 1 Mile WSW
C17	USGS40000829330	1/2 - 1 Mile SSW
18	USGS40000830081	1/2 - 1 Mile WNW
C19	USGS40000829306	1/2 - 1 Mile South
20	USGS40000829634	1/2 - 1 Mile ESE
21	USGS40000830247	1/2 - 1 Mile NW
22	USGS40000829283	1/2 - 1 Mile SSW
D23	USGS40000830421	1/2 - 1 Mile NNE
D24	USGS40000830614	1/2 - 1 Mile NNE
25	USGS40000829589	1/2 - 1 Mile ESE
26	USGS40000829779	1/2 - 1 Mile East
27	USGS40000830367	1/2 - 1 Mile NNW
28	USGS40000829202	1/2 - 1 Mile South
29	USGS40000829364	1/2 - 1 Mile SW
30	USGS40000829892	1/2 - 1 Mile West
31	USGS40000830368	1/2 - 1 Mile NW
32	USGS40000830512	1/2 - 1 Mile NNW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

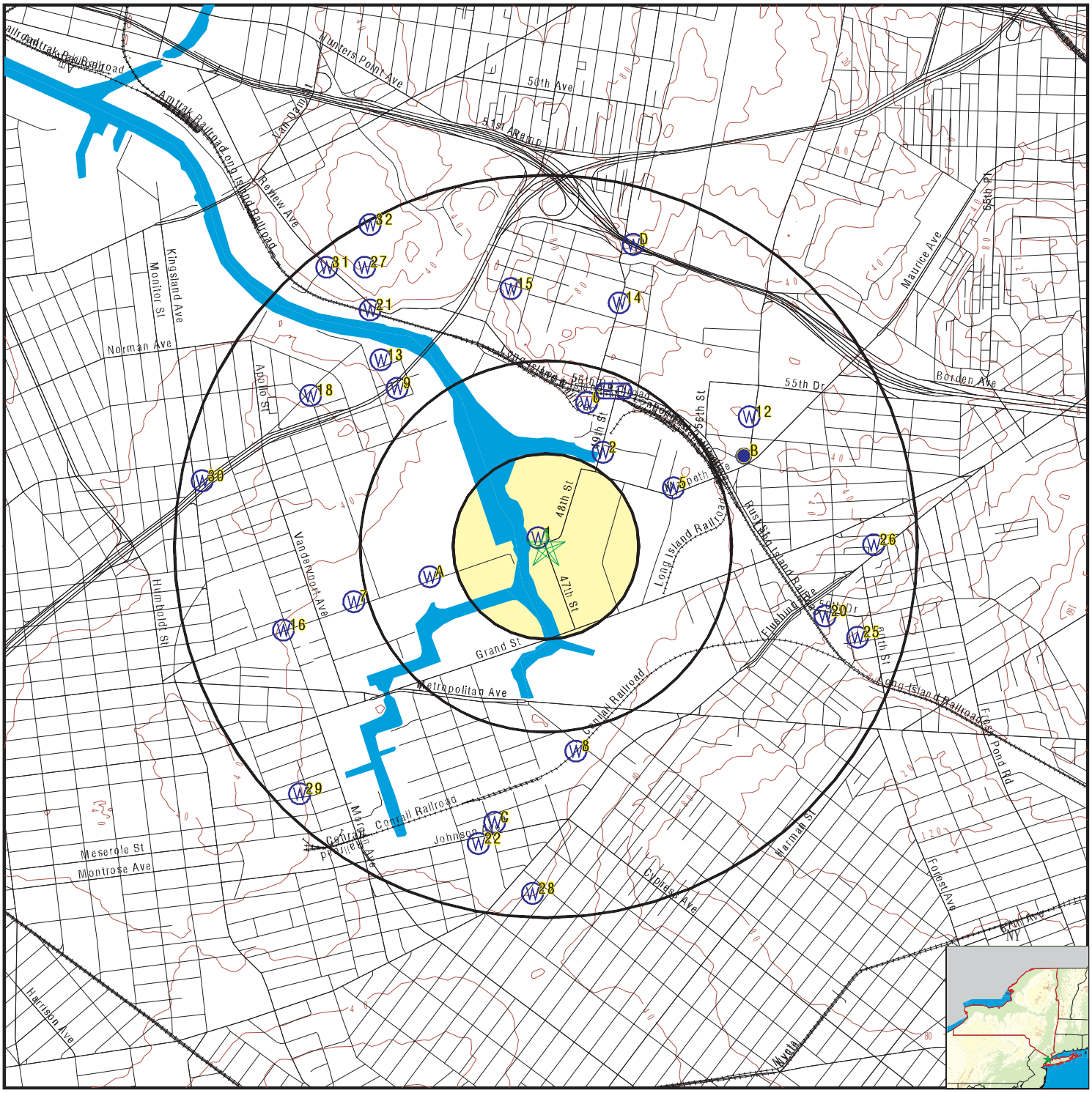
MAP ID	WELL ID	LOCATION FROM TP
B11	NY0017227	1/2 - 1 Mile ENE

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 6545368.1s



County Boundary
Major Roads
Contour Lines
Earthquake epicenter, Richter 5 or greater
Water Wells
Public Water Supply Wells
Cluster of Multiple Icons

0 1/4 1/2 1 Miles

Groundwater Flow Direction
GI Indeterminate Groundwater Flow at Location
GV Groundwater Flow Varies at Location
HD Closest Hydrogeological Data
Oil, gas or related wells

N

SITE NAME:	47th Street - Maspeth	CLIENT:	Langan Engineering, Inc.
ADDRESS:	57-00, 57-05, 57-57, and 58-20 47th Street Maspeth NY 11378	CONTACT:	Lucy Bevan
LAT/LONG:	40.72004 / 73.923068	INQUIRY #:	6545368.1s
		DATE:	June 21, 2021 2:55 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
NW
0 - 1/8 Mile
Higher

FED USGS **USGS40000829791**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 436. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	217	Well Hole Depth Units:	ft

2
NNE
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000829962**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 438. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	208	Well Hole Depth Units:	ft

A3
WSW
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000829706**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 675. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	222	Well Hole Depth Units:	ft

A4
WSW
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000829722**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 1977. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported

Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	163	Well Hole Depth Units:	ft

5
ENE **FED USGS** **USGS40000829883**
1/4 - 1/2 Mile
Higher

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 437. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	260	Well Hole Depth Units:	ft

6
NNE **FED USGS** **USGS40000830073**
1/4 - 1/2 Mile
Higher

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 1918. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	82	Well Hole Depth Units:	ft

7
WSW **FED USGS** **USGS40000829655**
1/2 - 1 Mile
Higher

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 569. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	190	Well Hole Depth Units:	ft

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

8
South
1/2 - 1 Mile
Higher

FED USGS **USGS40000829428**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 1947. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Glacial Aquifer, Upper	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	83
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

9
NW
1/2 - 1 Mile
Higher

FED USGS **USGS40000830095**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 1560. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	101	Well Hole Depth Units:	ft

B10
ENE
1/2 - 1 Mile
Higher

FED USGS **USGS40000829988**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 1274. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	80	Well Hole Depth Units:	ft

B11
ENE
1/2 - 1 Mile
Higher

FRDS PWS **NY0017227**

PWS ID:	NY0017227	PWS type:	System Owner/Responsible Party
PWS name:	FITZPATRICK THOMAS P P	PWS address:	THOMAS FITZPATRICK
PWS address:	53-54 SIXTY FOURTH STREET	PWS city:	MASPETH

PWS state:	NY	PWS zip:	13378
PWS ID:	NY0017227	Activity status:	Active
Date system activated:	Not Reported	Date system deactivated:	Not Reported
Retail population:	00000022	System name:	TAMARAC APARTMENTS
System address:	Not Reported	System address:	ROUTE 351
System city:	POESTENKILL	System state:	NY
System zip:	12180		
County FIPS:	041	City served:	BRUNSWICK (T)
Latitude:	404323	Longitude:	0735447

12
ENE
1/2 - 1 Mile
Higher

FED USGS **USGS40000830049**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 1068. 1	Type:	Well
Description:	4701	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Glacial Aquifer, Upper	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	42
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

13
NW
1/2 - 1 Mile
Higher

FED USGS **USGS40000830159**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 1370. 1	Type:	Well
Description:	5501	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	72	Well Depth Units:	ft
Well Hole Depth:	77	Well Hole Depth Units:	ft

14
NNE
1/2 - 1 Mile
Higher

FED USGS **USGS40000830264**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 435. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	259	Well Hole Depth Units:	ft

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

15
North
1/2 - 1 Mile
Higher | **FED USGS** | **USGS40000830289**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 1085. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	170	Well Hole Depth Units:	ft

16
WSW
1/2 - 1 Mile
Higher | **FED USGS** | **USGS40000829597**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 677. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	215	Well Hole Depth Units:	ft

C17
SSW
1/2 - 1 Mile
Higher | **FED USGS** | **USGS40000829330**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 1990. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	70	Well Hole Depth Units:	ft

18
WNW
1/2 - 1 Mile
Higher | **FED USGS** | **USGS40000830081**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 689. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported

Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	160	Well Hole Depth Units:	ft

C19
South
1/2 - 1 Mile
Higher

FED USGS **USGS40000829306**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 1346. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	168	Well Hole Depth Units:	ft

20
ESE
1/2 - 1 Mile
Higher

FED USGS **USGS40000829634**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 1391. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Glacial Aquifer, Upper	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	140
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	32	Level reading date:	1983-03-23
Feet below surface:	Not Reported	Feet to sea level:	14.17
Note:	Not Reported		
Level reading date:	1982-03-08	Feet below surface:	Not Reported
Feet to sea level:	14.59	Note:	Not Reported
Level reading date:	1981-03-18	Feet below surface:	Not Reported
Feet to sea level:	14.89	Note:	Not Reported
Level reading date:	1976-03-15	Feet below surface:	Not Reported
Feet to sea level:	16.77	Note:	Not Reported
Level reading date:	1975-03-20	Feet below surface:	Not Reported
Feet to sea level:	14.48	Note:	Not Reported
Level reading date:	1974-04-03	Feet below surface:	Not Reported
Feet to sea level:	12.95	Note:	Not Reported
Level reading date:	1973-04-06	Feet below surface:	Not Reported

Feet to sea level:	10.99	Note:	Not Reported
Level reading date:	1972-06-22	Feet below surface:	Not Reported
Feet to sea level:	10.32	Note:	Not Reported
Level reading date:	1972-03-29	Feet below surface:	Not Reported
Feet to sea level:	7.38	Note:	Not Reported
Level reading date:	1971-03-11	Feet below surface:	Not Reported
Feet to sea level:	7.33	Note:	Not Reported
Level reading date:	1970-02-27	Feet below surface:	Not Reported
Feet to sea level:	6.87	Note:	Not Reported
Level reading date:	1969-03-17	Feet below surface:	Not Reported
Feet to sea level:	5.61	Note:	Not Reported
Level reading date:	1968-03-20	Feet below surface:	Not Reported
Feet to sea level:	4.68	Note:	Not Reported
Level reading date:	1967-03-20	Feet below surface:	Not Reported
Feet to sea level:	2.99	Note:	Not Reported
Level reading date:	1966-04-19	Feet below surface:	Not Reported
Feet to sea level:	3.37	Note:	Not Reported
Level reading date:	1965-09-14	Feet below surface:	Not Reported
Feet to sea level:	4.17	Note:	Not Reported
Level reading date:	1965-06-04	Feet below surface:	Not Reported
Feet to sea level:	5.02	Note:	Not Reported
Level reading date:	1964-11-18	Feet below surface:	Not Reported
Feet to sea level:	5.10	Note:	Not Reported
Level reading date:	1964-02-14	Feet below surface:	Not Reported
Feet to sea level:	5.97	Note:	Not Reported
Level reading date:	1962-12-07	Feet below surface:	Not Reported
Feet to sea level:	6.46	Note:	Not Reported
Level reading date:	1962-04-30	Feet below surface:	Not Reported
Feet to sea level:	7.23	Note:	Not Reported
Level reading date:	1961-12-28	Feet below surface:	Not Reported
Feet to sea level:	6.63	Note:	Not Reported
Level reading date:	1961-01-10	Feet below surface:	Not Reported
Feet to sea level:	6.11	Note:	Not Reported
Level reading date:	1960-01-08	Feet below surface:	Not Reported
Feet to sea level:	4.92	Note:	Not Reported
Level reading date:	1959-03-17	Feet below surface:	Not Reported
Feet to sea level:	5.90	Note:	Not Reported
Level reading date:	1957-03-14	Feet below surface:	Not Reported
Feet to sea level:	6.64	Note:	Not Reported
Level reading date:	1956-01-19	Feet below surface:	Not Reported
Feet to sea level:	5.67	Note:	Not Reported

Level reading date:	1954-12-17	Feet below surface:	Not Reported
Feet to sea level:	4.58	Note:	Not Reported
Level reading date:	1953-01-19	Feet below surface:	Not Reported
Feet to sea level:	4.27	Note:	Not Reported
Level reading date:	1952-01-02	Feet below surface:	Not Reported
Feet to sea level:	1.87	Note:	Not Reported
Level reading date:	1950-12-05	Feet below surface:	Not Reported
Feet to sea level:	-0.82	Note:	Not Reported
Level reading date:	1950-07-19	Feet below surface:	Not Reported
Feet to sea level:	0.24	Note:	Not Reported

21
NW
1/2 - 1 Mile
Higher

FED USGS **USGS40000830247**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 393. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	170	Well Hole Depth Units:	ft

22
SSW
1/2 - 1 Mile
Higher

FED USGS **USGS40000829283**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 2598. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Glacial Aquifer, Upper	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

D23
NNE
1/2 - 1 Mile
Higher

FED USGS **USGS40000830421**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 434. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported

Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	263	Well Hole Depth Units:	ft

D24
NNE **FED USGS** **USGS40000830614**
1/2 - 1 Mile
Higher

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 432. 1	Type:	Well
Description:	LAT/LONG UPDATES FROM SIM 3066		
HUC:	02030201	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Not Reported
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	302
Well Hole Depth Units:	ft		

25
ESE **FED USGS** **USGS40000829589**
1/2 - 1 Mile
Higher

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 1412. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	140	Well Hole Depth Units:	ft

26
East **FED USGS** **USGS40000829779**
1/2 - 1 Mile
Higher

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 2202. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	245	Well Hole Depth Units:	ft

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

27
NNW
1/2 - 1 Mile
Higher

FED USGS **USGS40000830367**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 603. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	202	Well Hole Depth Units:	ft

28
South
1/2 - 1 Mile
Higher

FED USGS **USGS40000829202**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 2568. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	100	Well Hole Depth Units:	ft

29
SW
1/2 - 1 Mile
Higher

FED USGS **USGS40000829364**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 889. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Glacial Aquifer, Upper	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	74
Well Depth Units:	ft	Well Hole Depth:	74
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	265	Level reading date:	1985-10-01
Feet below surface:	Not Reported	Feet to sea level:	3.53
Note:	Not Reported		

Level reading date:	1985-05-21	Feet below surface:	Not Reported
Feet to sea level:	4.48	Note:	Not Reported

Level reading date:	1984-12-18	Feet below surface:	Not Reported
Feet to sea level:	4.95	Note:	Not Reported

Level reading date:	1984-10-05	Feet below surface:	Not Reported
Feet to sea level:	5.16	Note:	Not Reported
Level reading date:	1984-06-27	Feet below surface:	Not Reported
Feet to sea level:	5.47	Note:	Not Reported
Level reading date:	1984-03-15	Feet below surface:	Not Reported
Feet to sea level:	5.13	Note:	Not Reported
Level reading date:	1984-01-05	Feet below surface:	Not Reported
Feet to sea level:	5.76	Note:	Not Reported
Level reading date:	1983-09-29	Feet below surface:	Not Reported
Feet to sea level:	4.96	Note:	Not Reported
Level reading date:	1983-06-29	Feet below surface:	Not Reported
Feet to sea level:	4.59	Note:	Not Reported
Level reading date:	1983-03-25	Feet below surface:	Not Reported
Feet to sea level:	3.96	Note:	Not Reported
Level reading date:	1982-12-21	Feet below surface:	Not Reported
Feet to sea level:	3.69	Note:	Not Reported
Level reading date:	1982-10-06	Feet below surface:	Not Reported
Feet to sea level:	3.86	Note:	Not Reported
Level reading date:	1982-06-30	Feet below surface:	Not Reported
Feet to sea level:	3.96	Note:	Not Reported
Level reading date:	1982-04-02	Feet below surface:	Not Reported
Feet to sea level:	4.19	Note:	Not Reported
Level reading date:	1981-12-29	Feet below surface:	Not Reported
Feet to sea level:	4.01	Note:	Not Reported
Level reading date:	1981-09-23	Feet below surface:	Not Reported
Feet to sea level:	4.10	Note:	Not Reported
Level reading date:	1981-06-24	Feet below surface:	Not Reported
Feet to sea level:	4.28	Note:	Not Reported
Level reading date:	1981-03-18	Feet below surface:	Not Reported
Feet to sea level:	5.36	Note:	Not Reported
Level reading date:	1980-12-30	Feet below surface:	Not Reported
Feet to sea level:	3.96	Note:	Not Reported
Level reading date:	1980-09-23	Feet below surface:	Not Reported
Feet to sea level:	5.06	Note:	Not Reported
Level reading date:	1980-06-24	Feet below surface:	Not Reported
Feet to sea level:	5.14	Note:	Not Reported
Level reading date:	1980-03-13	Feet below surface:	Not Reported
Feet to sea level:	4.02	Note:	Not Reported
Level reading date:	1979-12-18	Feet below surface:	Not Reported
Feet to sea level:	4.92	Note:	Not Reported
Level reading date:	1979-09-17	Feet below surface:	Not Reported
Feet to sea level:	4.57	Note:	Not Reported

Level reading date:	1979-06-28	Feet below surface:	Not Reported
Feet to sea level:	4.07	Note:	Not Reported
Level reading date:	1979-03-26	Feet below surface:	Not Reported
Feet to sea level:	5.46	Note:	Not Reported
Level reading date:	1978-12-22	Feet below surface:	Not Reported
Feet to sea level:	5.11	Note:	Not Reported
Level reading date:	1978-10-02	Feet below surface:	Not Reported
Feet to sea level:	5.94	Note:	Not Reported
Level reading date:	1978-06-23	Feet below surface:	Not Reported
Feet to sea level:	3.93	Note:	Not Reported
Level reading date:	1978-04-04	Feet below surface:	Not Reported
Feet to sea level:	4.06	Note:	Not Reported
Level reading date:	1978-01-03	Feet below surface:	Not Reported
Feet to sea level:	4.29	Note:	Not Reported
Level reading date:	1977-09-22	Feet below surface:	Not Reported
Feet to sea level:	3.81	Note:	Not Reported
Level reading date:	1977-07-07	Feet below surface:	Not Reported
Feet to sea level:	3.33	Note:	Not Reported
Level reading date:	1977-03-29	Feet below surface:	Not Reported
Feet to sea level:	2.60	Note:	Not Reported
Level reading date:	1976-12-22	Feet below surface:	Not Reported
Feet to sea level:	2.81	Note:	Not Reported
Level reading date:	1976-09-23	Feet below surface:	Not Reported
Feet to sea level:	3.25	Note:	Not Reported
Level reading date:	1976-07-09	Feet below surface:	Not Reported
Feet to sea level:	3.97	Note:	Not Reported
Level reading date:	1976-06-28	Feet below surface:	Not Reported
Feet to sea level:	3.21	Note:	Not Reported
Level reading date:	1976-03-23	Feet below surface:	Not Reported
Feet to sea level:	3.02	Note:	Not Reported
Level reading date:	1975-12-16	Feet below surface:	Not Reported
Feet to sea level:	3.17	Note:	Not Reported
Level reading date:	1975-10-07	Feet below surface:	Not Reported
Feet to sea level:	3.10	Note:	Not Reported
Level reading date:	1975-06-30	Feet below surface:	Not Reported
Feet to sea level:	2.80	Note:	Not Reported
Level reading date:	1975-03-26	Feet below surface:	Not Reported
Feet to sea level:	2.67	Note:	Not Reported
Level reading date:	1974-12-19	Feet below surface:	Not Reported
Feet to sea level:	1.99	Note:	Not Reported
Level reading date:	1974-09-04	Feet below surface:	Not Reported
Feet to sea level:	2.44	Note:	Not Reported

Level reading date:	1974-06-26	Feet below surface:	Not Reported
Feet to sea level:	2.58	Note:	Not Reported
Level reading date:	1974-03-19	Feet below surface:	Not Reported
Feet to sea level:	2.36	Note:	Not Reported
Level reading date:	1974-01-09	Feet below surface:	Not Reported
Feet to sea level:	2.26	Note:	Not Reported
Level reading date:	1973-09-24	Feet below surface:	Not Reported
Feet to sea level:	1.86	Note:	Not Reported
Level reading date:	1973-07-02	Feet below surface:	Not Reported
Feet to sea level:	2.22	Note:	Not Reported
Level reading date:	1973-04-03	Feet below surface:	Not Reported
Feet to sea level:	0.97	Note:	Not Reported
Level reading date:	1972-12-27	Feet below surface:	Not Reported
Feet to sea level:	1.70	Note:	Not Reported
Level reading date:	1972-10-02	Feet below surface:	Not Reported
Feet to sea level:	1.57	Note:	Not Reported
Level reading date:	1972-07-10	Feet below surface:	Not Reported
Feet to sea level:	1.94	Note:	Not Reported
Level reading date:	1972-03-28	Feet below surface:	Not Reported
Feet to sea level:	0.27	Note:	Not Reported
Level reading date:	1972-01-13	Feet below surface:	Not Reported
Feet to sea level:	0.44	Note:	Not Reported
Level reading date:	1971-09-27	Feet below surface:	Not Reported
Feet to sea level:	0.57	Note:	Not Reported
Level reading date:	1971-03-08	Feet below surface:	Not Reported
Feet to sea level:	1.08	Note:	Not Reported
Level reading date:	1970-11-02	Feet below surface:	Not Reported
Feet to sea level:	1.02	Note:	Not Reported
Level reading date:	1970-03-13	Feet below surface:	Not Reported
Feet to sea level:	1.52	Note:	Not Reported
Level reading date:	1969-11-12	Feet below surface:	Not Reported
Feet to sea level:	0.49	Note:	Not Reported
Level reading date:	1969-09-05	Feet below surface:	Not Reported
Feet to sea level:	0.24	Note:	Not Reported
Level reading date:	1969-04-23	Feet below surface:	Not Reported
Feet to sea level:	-0.34	Note:	Not Reported
Level reading date:	1968-11-06	Feet below surface:	Not Reported
Feet to sea level:	-3.34	Note:	Not Reported
Level reading date:	1968-04-22	Feet below surface:	Not Reported
Feet to sea level:	0.46	Note:	Not Reported
Level reading date:	1967-10-20	Feet below surface:	Not Reported
Feet to sea level:	-0.01	Note:	Not Reported

Level reading date:	1967-03-28	Feet below surface:	Not Reported
Feet to sea level:	-0.64	Note:	Not Reported
Level reading date:	1966-10-24	Feet below surface:	Not Reported
Feet to sea level:	-2.53	Note:	Not Reported
Level reading date:	1966-05-03	Feet below surface:	Not Reported
Feet to sea level:	-0.64	Note:	Not Reported
Level reading date:	1965-10-28	Feet below surface:	Not Reported
Feet to sea level:	-1.85	Note:	Not Reported
Level reading date:	1965-09-14	Feet below surface:	Not Reported
Feet to sea level:	-2.21	Note:	Not Reported
Level reading date:	1964-10-30	Feet below surface:	Not Reported
Feet to sea level:	-1.79	Note:	Not Reported
Level reading date:	1964-04-27	Feet below surface:	Not Reported
Feet to sea level:	-0.19	Note:	Not Reported
Level reading date:	1963-11-05	Feet below surface:	Not Reported
Feet to sea level:	-1.31	Note:	Not Reported
Level reading date:	1963-04-29	Feet below surface:	Not Reported
Feet to sea level:	-0.13	Note:	Not Reported
Level reading date:	1962-12-04	Feet below surface:	Not Reported
Feet to sea level:	-0.88	Note:	Not Reported
Level reading date:	1962-04-26	Feet below surface:	Not Reported
Feet to sea level:	-0.54	Note:	Not Reported
Level reading date:	1961-12-28	Feet below surface:	Not Reported
Feet to sea level:	-1.92	Note:	Not Reported
Level reading date:	1961-10-02	Feet below surface:	Not Reported
Feet to sea level:	-2.45	Note:	Not Reported
Level reading date:	1961-03-28	Feet below surface:	Not Reported
Feet to sea level:	-3.06	Note:	Not Reported
Level reading date:	1960-12-27	Feet below surface:	Not Reported
Feet to sea level:	-3.44	Note:	Not Reported
Level reading date:	1960-09-28	Feet below surface:	Not Reported
Feet to sea level:	-4.38	Note:	Not Reported
Level reading date:	1960-07-05	Feet below surface:	Not Reported
Feet to sea level:	-4.23	Note:	Not Reported
Level reading date:	1960-03-31	Feet below surface:	Not Reported
Feet to sea level:	-4.56	Note:	Not Reported
Level reading date:	1960-01-14	Feet below surface:	Not Reported
Feet to sea level:	-4.97	Note:	Not Reported
Level reading date:	1959-10-07	Feet below surface:	Not Reported
Feet to sea level:	-5.06	Note:	Not Reported
Level reading date:	1959-07-17	Feet below surface:	Not Reported
Feet to sea level:	-4.44	Note:	Not Reported

Level reading date:	1959-03-18	Feet below surface:	Not Reported
Feet to sea level:	-4.96	Note:	Not Reported
Level reading date:	1958-01-10	Feet below surface:	Not Reported
Feet to sea level:	-4.06	Note:	Not Reported
Level reading date:	1957-09-24	Feet below surface:	Not Reported
Feet to sea level:	-4.44	Note:	Not Reported
Level reading date:	1957-06-27	Feet below surface:	Not Reported
Feet to sea level:	-3.61	Note:	Not Reported
Level reading date:	1957-03-27	Feet below surface:	Not Reported
Feet to sea level:	-3.58	Note:	Not Reported
Level reading date:	1956-12-18	Feet below surface:	Not Reported
Feet to sea level:	-3.19	Note:	Not Reported
Level reading date:	1956-11-29	Feet below surface:	Not Reported
Feet to sea level:	-3.09	Note:	Not Reported
Level reading date:	1956-10-25	Feet below surface:	Not Reported
Feet to sea level:	-3.01	Note:	Not Reported
Level reading date:	1956-10-02	Feet below surface:	Not Reported
Feet to sea level:	-3.06	Note:	Not Reported
Level reading date:	1956-08-02	Feet below surface:	Not Reported
Feet to sea level:	-3.00	Note:	Not Reported
Level reading date:	1956-07-11	Feet below surface:	Not Reported
Feet to sea level:	-2.95	Note:	Not Reported
Level reading date:	1956-06-05	Feet below surface:	Not Reported
Feet to sea level:	-3.05	Note:	Not Reported
Level reading date:	1956-05-15	Feet below surface:	Not Reported
Feet to sea level:	-3.26	Note:	Not Reported
Level reading date:	1956-03-05	Feet below surface:	Not Reported
Feet to sea level:	-3.53	Note:	Not Reported
Level reading date:	1956-02-03	Feet below surface:	Not Reported
Feet to sea level:	-3.69	Note:	Not Reported
Level reading date:	1955-12-22	Feet below surface:	Not Reported
Feet to sea level:	-3.74	Note:	Not Reported
Level reading date:	1955-11-15	Feet below surface:	Not Reported
Feet to sea level:	-4.04	Note:	Not Reported
Level reading date:	1955-10-07	Feet below surface:	Not Reported
Feet to sea level:	-4.61	Note:	Not Reported
Level reading date:	1955-08-25	Feet below surface:	Not Reported
Feet to sea level:	-4.74	Note:	Not Reported
Level reading date:	1955-07-27	Feet below surface:	Not Reported
Feet to sea level:	-4.72	Note:	Not Reported
Level reading date:	1955-06-23	Feet below surface:	Not Reported
Feet to sea level:	-4.43	Note:	Not Reported

Level reading date:	1955-04-26	Feet below surface:	Not Reported
Feet to sea level:	-4.91	Note:	Not Reported
Level reading date:	1955-03-29	Feet below surface:	Not Reported
Feet to sea level:	-5.07	Note:	Not Reported
Level reading date:	1955-02-25	Feet below surface:	Not Reported
Feet to sea level:	-5.33	Note:	Not Reported
Level reading date:	1955-01-25	Feet below surface:	Not Reported
Feet to sea level:	-5.34	Note:	Not Reported
Level reading date:	1954-12-27	Feet below surface:	Not Reported
Feet to sea level:	-5.61	Note:	Not Reported
Level reading date:	1954-06-29	Feet below surface:	Not Reported
Feet to sea level:	-6.25	Note:	Not Reported
Level reading date:	1954-05-27	Feet below surface:	Not Reported
Feet to sea level:	-6.72	Note:	Not Reported
Level reading date:	1954-04-28	Feet below surface:	Not Reported
Feet to sea level:	-6.79	Note:	Not Reported
Level reading date:	1954-03-30	Feet below surface:	Not Reported
Feet to sea level:	-6.87	Note:	Not Reported
Level reading date:	1954-02-25	Feet below surface:	Not Reported
Feet to sea level:	-7.02	Note:	Not Reported
Level reading date:	1954-01-28	Feet below surface:	Not Reported
Feet to sea level:	-7.19	Note:	Not Reported
Level reading date:	1953-12-23	Feet below surface:	Not Reported
Feet to sea level:	-7.15	Note:	Not Reported
Level reading date:	1953-12-02	Feet below surface:	Not Reported
Feet to sea level:	-7.25	Note:	Not Reported
Level reading date:	1953-10-02	Feet below surface:	Not Reported
Feet to sea level:	-7.61	Note:	Not Reported
Level reading date:	1953-08-03	Feet below surface:	Not Reported
Feet to sea level:	-7.45	Note:	Not Reported
Level reading date:	1953-06-23	Feet below surface:	Not Reported
Feet to sea level:	-7.47	Note:	Not Reported
Level reading date:	1953-05-25	Feet below surface:	Not Reported
Feet to sea level:	-7.91	Note:	Not Reported
Level reading date:	1953-04-27	Feet below surface:	Not Reported
Feet to sea level:	-8.26	Note:	Not Reported
Level reading date:	1953-03-24	Feet below surface:	Not Reported
Feet to sea level:	-8.82	Note:	Not Reported
Level reading date:	1953-02-27	Feet below surface:	Not Reported
Feet to sea level:	-9.10	Note:	Not Reported
Level reading date:	1953-02-05	Feet below surface:	Not Reported
Feet to sea level:	-9.37	Note:	Not Reported

Level reading date:	1952-12-24	Feet below surface:	Not Reported
Feet to sea level:	-10.14	Note:	Not Reported
Level reading date:	1952-12-05	Feet below surface:	Not Reported
Feet to sea level:	-10.54	Note:	Not Reported
Level reading date:	1952-11-03	Feet below surface:	Not Reported
Feet to sea level:	-11.13	Note:	Not Reported
Level reading date:	1952-08-25	Feet below surface:	Not Reported
Feet to sea level:	-12.22	Note:	Not Reported
Level reading date:	1952-07-25	Feet below surface:	Not Reported
Feet to sea level:	-12.62	Note:	Not Reported
Level reading date:	1952-06-24	Feet below surface:	Not Reported
Feet to sea level:	-13.11	Note:	Not Reported
Level reading date:	1952-05-27	Feet below surface:	Not Reported
Feet to sea level:	-13.84	Note:	Not Reported
Level reading date:	1952-04-29	Feet below surface:	Not Reported
Feet to sea level:	-14.33	Note:	Not Reported
Level reading date:	1952-03-24	Feet below surface:	Not Reported
Feet to sea level:	-15.09	Note:	Not Reported
Level reading date:	1952-02-20	Feet below surface:	Not Reported
Feet to sea level:	-15.88	Note:	Not Reported
Level reading date:	1952-01-29	Feet below surface:	Not Reported
Feet to sea level:	-16.33	Note:	Not Reported
Level reading date:	1951-12-20	Feet below surface:	Not Reported
Feet to sea level:	-16.98	Note:	Not Reported
Level reading date:	1951-11-28	Feet below surface:	Not Reported
Feet to sea level:	-17.37	Note:	Not Reported
Level reading date:	1951-11-02	Feet below surface:	Not Reported
Feet to sea level:	-17.86	Note:	Not Reported
Level reading date:	1951-09-26	Feet below surface:	Not Reported
Feet to sea level:	-18.29	Note:	Not Reported
Level reading date:	1951-08-28	Feet below surface:	Not Reported
Feet to sea level:	-18.53	Note:	Not Reported
Level reading date:	1951-07-26	Feet below surface:	Not Reported
Feet to sea level:	-18.97	Note:	Not Reported
Level reading date:	1951-06-28	Feet below surface:	Not Reported
Feet to sea level:	-19.39	Note:	Not Reported
Level reading date:	1951-05-29	Feet below surface:	Not Reported
Feet to sea level:	-19.79	Note:	Not Reported
Level reading date:	1951-05-02	Feet below surface:	Not Reported
Feet to sea level:	-20.22	Note:	Not Reported
Level reading date:	1951-03-27	Feet below surface:	Not Reported
Feet to sea level:	-20.97	Note:	Not Reported

Level reading date:	1951-02-26	Feet below surface:	Not Reported
Feet to sea level:	-21.64	Note:	Not Reported
Level reading date:	1951-01-30	Feet below surface:	Not Reported
Feet to sea level:	-22.36	Note:	Not Reported
Level reading date:	1950-12-20	Feet below surface:	Not Reported
Feet to sea level:	-24.01	Note:	Not Reported
Level reading date:	1950-11-28	Feet below surface:	Not Reported
Feet to sea level:	-24.60	Note:	Not Reported
Level reading date:	1950-10-31	Feet below surface:	Not Reported
Feet to sea level:	-24.76	Note:	Not Reported
Level reading date:	1950-09-27	Feet below surface:	Not Reported
Feet to sea level:	-24.78	Note:	Not Reported
Level reading date:	1950-08-29	Feet below surface:	Not Reported
Feet to sea level:	-24.63	Note:	Not Reported
Level reading date:	1950-07-27	Feet below surface:	Not Reported
Feet to sea level:	-24.48	Note:	Not Reported
Level reading date:	1950-06-29	Feet below surface:	Not Reported
Feet to sea level:	-24.52	Note:	Not Reported
Level reading date:	1950-06-05	Feet below surface:	Not Reported
Feet to sea level:	-24.63	Note:	Not Reported
Level reading date:	1950-04-27	Feet below surface:	Not Reported
Feet to sea level:	-24.97	Note:	Not Reported
Level reading date:	1950-03-29	Feet below surface:	Not Reported
Feet to sea level:	-24.90	Note:	Not Reported
Level reading date:	1950-03-01	Feet below surface:	Not Reported
Feet to sea level:	-25.44	Note:	Not Reported
Level reading date:	1950-01-26	Feet below surface:	Not Reported
Feet to sea level:	-25.69	Note:	Not Reported
Level reading date:	1949-12-28	Feet below surface:	Not Reported
Feet to sea level:	-25.78	Note:	Not Reported
Level reading date:	1949-11-28	Feet below surface:	Not Reported
Feet to sea level:	-25.76	Note:	Not Reported
Level reading date:	1949-10-31	Feet below surface:	Not Reported
Feet to sea level:	-25.53	Note:	Not Reported
Level reading date:	1949-09-28	Feet below surface:	Not Reported
Feet to sea level:	-25.59	Note:	Not Reported
Level reading date:	1949-08-31	Feet below surface:	Not Reported
Feet to sea level:	-25.62	Note:	Not Reported
Level reading date:	1949-07-28	Feet below surface:	Not Reported
Feet to sea level:	-25.72	Note:	Not Reported
Level reading date:	1949-06-30	Feet below surface:	Not Reported
Feet to sea level:	-25.89	Note:	Not Reported

Level reading date:	1949-06-01	Feet below surface:	Not Reported
Feet to sea level:	-26.02	Note:	Not Reported
Level reading date:	1949-04-28	Feet below surface:	Not Reported
Feet to sea level:	-26.14	Note:	Not Reported
Level reading date:	1949-04-05	Feet below surface:	Not Reported
Feet to sea level:	-26.39	Note:	Not Reported
Level reading date:	1949-02-23	Feet below surface:	Not Reported
Feet to sea level:	-27.08	Note:	Not Reported
Level reading date:	1949-01-27	Feet below surface:	Not Reported
Feet to sea level:	-27.47	Note:	Not Reported
Level reading date:	1948-12-28	Feet below surface:	Not Reported
Feet to sea level:	-27.87	Note:	Not Reported
Level reading date:	1948-12-14	Feet below surface:	Not Reported
Feet to sea level:	-28.03	Note:	Not Reported
Level reading date:	1948-11-04	Feet below surface:	Not Reported
Feet to sea level:	-28.60	Note:	Not Reported
Level reading date:	1948-10-06	Feet below surface:	Not Reported
Feet to sea level:	-28.94	Note:	Not Reported
Level reading date:	1948-08-30	Feet below surface:	Not Reported
Feet to sea level:	-29.46	Note:	Not Reported
Level reading date:	1948-07-26	Feet below surface:	Not Reported
Feet to sea level:	-30.22	Note:	Not Reported
Level reading date:	1948-06-30	Feet below surface:	Not Reported
Feet to sea level:	-30.77	Note:	Not Reported
Level reading date:	1948-06-02	Feet below surface:	Not Reported
Feet to sea level:	-31.35	Note:	Not Reported
Level reading date:	1948-04-27	Feet below surface:	Not Reported
Feet to sea level:	-32.12	Note:	Not Reported
Level reading date:	1948-03-26	Feet below surface:	Not Reported
Feet to sea level:	-32.84	Note:	Not Reported
Level reading date:	1948-03-02	Feet below surface:	Not Reported
Feet to sea level:	-33.43	Note:	Not Reported
Level reading date:	1948-02-03	Feet below surface:	Not Reported
Feet to sea level:	-34.37	Note:	Not Reported
Level reading date:	1948-01-07	Feet below surface:	Not Reported
Feet to sea level:	-35.55	Note:	Not Reported
Level reading date:	1947-12-17	Feet below surface:	Not Reported
Feet to sea level:	-35.93	Note:	Not Reported
Level reading date:	1947-11-26	Feet below surface:	Not Reported
Feet to sea level:	-36.76	Note:	Not Reported
Level reading date:	1947-11-20	Feet below surface:	Not Reported
Feet to sea level:	-36.87	Note:	Not Reported

Level reading date:	1947-10-31	Feet below surface:	Not Reported
Feet to sea level:	-37.15	Note:	Not Reported
Level reading date:	1947-10-14	Feet below surface:	Not Reported
Feet to sea level:	-37.22	Note:	Not Reported
Level reading date:	1947-10-07	Feet below surface:	Not Reported
Feet to sea level:	-37.17	Note:	Not Reported
Level reading date:	1947-09-30	Feet below surface:	Not Reported
Feet to sea level:	-37.13	Note:	Not Reported
Level reading date:	1947-09-16	Feet below surface:	Not Reported
Feet to sea level:	-37.00	Note:	Not Reported
Level reading date:	1947-08-27	Feet below surface:	Not Reported
Feet to sea level:	-36.56	Note:	Not Reported
Level reading date:	1947-08-13	Feet below surface:	Not Reported
Feet to sea level:	-36.15	Note:	Not Reported
Level reading date:	1947-07-30	Feet below surface:	Not Reported
Feet to sea level:	-35.58	Note:	Not Reported
Level reading date:	1947-07-23	Feet below surface:	Not Reported
Feet to sea level:	-35.29	Note:	Not Reported
Level reading date:	1947-07-16	Feet below surface:	Not Reported
Feet to sea level:	-35.21	Note:	Not Reported
Level reading date:	1947-07-07	Feet below surface:	Not Reported
Feet to sea level:	-35.95	Note:	Not Reported
Level reading date:	1947-07-02	Feet below surface:	Not Reported
Feet to sea level:	-36.46	Note:	Not Reported
Level reading date:	1947-07-01	Feet below surface:	Not Reported
Feet to sea level:	-36.32	Note:	Not Reported
Level reading date:	1947-06-30	Feet below surface:	Not Reported
Feet to sea level:	-36.69	Note:	Not Reported
Level reading date:	1947-06-24	Feet below surface:	Not Reported
Feet to sea level:	-37.12	Note:	Not Reported
Level reading date:	1947-06-20	Feet below surface:	Not Reported
Feet to sea level:	-37.16	Note:	Not Reported
Level reading date:	1947-06-13	Feet below surface:	Not Reported
Feet to sea level:	-37.06	Note:	Not Reported
Level reading date:	1947-06-06	Feet below surface:	Not Reported
Feet to sea level:	-36.95	Note:	Not Reported
Level reading date:	1947-05-29	Feet below surface:	Not Reported
Feet to sea level:	-36.78	Note:	Not Reported
Level reading date:	1947-05-23	Feet below surface:	Not Reported
Feet to sea level:	-36.63	Note:	Not Reported
Level reading date:	1947-05-17	Feet below surface:	Not Reported
Feet to sea level:	-36.47	Note:	Not Reported

Level reading date:	1947-05-16	Feet below surface:	Not Reported
Feet to sea level:	-36.41	Note:	Not Reported
Level reading date:	1947-05-10	Feet below surface:	Not Reported
Feet to sea level:	-35.93	Note:	Not Reported
Level reading date:	1947-05-03	Feet below surface:	Not Reported
Feet to sea level:	-35.89	Note:	Not Reported
Level reading date:	1947-04-26	Feet below surface:	Not Reported
Feet to sea level:	-35.43	Note:	Not Reported
Level reading date:	1947-04-19	Feet below surface:	Not Reported
Feet to sea level:	-35.17	Note:	Not Reported
Level reading date:	1947-04-18	Feet below surface:	Not Reported
Feet to sea level:	-35.09	Note:	Not Reported
Level reading date:	1947-03-29	Feet below surface:	Not Reported
Feet to sea level:	-33.64	Note:	Not Reported
Level reading date:	1947-03-22	Feet below surface:	Not Reported
Feet to sea level:	-33.32	Note:	Not Reported
Level reading date:	1947-03-08	Feet below surface:	Not Reported
Feet to sea level:	-34.08	Note:	Not Reported
Level reading date:	1947-03-01	Feet below surface:	Not Reported
Feet to sea level:	-35.65	Note:	Not Reported
Level reading date:	1947-02-22	Feet below surface:	Not Reported
Feet to sea level:	-36.06	Note:	Not Reported
Level reading date:	1947-02-15	Feet below surface:	Not Reported
Feet to sea level:	-36.93	Note:	Not Reported
Level reading date:	1947-02-08	Feet below surface:	Not Reported
Feet to sea level:	-37.58	Note:	Not Reported
Level reading date:	1947-02-01	Feet below surface:	Not Reported
Feet to sea level:	-38.31	Note:	Not Reported
Level reading date:	1947-01-25	Feet below surface:	Not Reported
Feet to sea level:	-39.01	Note:	Not Reported
Level reading date:	1947-01-18	Feet below surface:	Not Reported
Feet to sea level:	-37.73	Note:	Not Reported
Level reading date:	1947-01-10	Feet below surface:	Not Reported
Feet to sea level:	-37.61	Note:	Not Reported
Level reading date:	1946-10-19	Feet below surface:	Not Reported
Feet to sea level:	-31.90	Note:	Not Reported
Level reading date:	1946-10-12	Feet below surface:	Not Reported
Feet to sea level:	-27.83	Note:	Not Reported
Level reading date:	1946-10-05	Feet below surface:	Not Reported
Feet to sea level:	-20.51	Note:	Not Reported
Level reading date:	1946-09-23	Feet below surface:	Not Reported
Feet to sea level:	-36.25	Note:	Not Reported

Level reading date:	1946-09-16	Feet below surface:	Not Reported
Feet to sea level:	-37.75	Note:	Not Reported
Level reading date:	1946-08-30	Feet below surface:	Not Reported
Feet to sea level:	-38.35	Note:	Not Reported
Level reading date:	1946-08-19	Feet below surface:	Not Reported
Feet to sea level:	-38.17	Note:	Not Reported
Level reading date:	1946-07-30	Feet below surface:	Not Reported
Feet to sea level:	-37.69	Note:	Not Reported
Level reading date:	1946-07-08	Feet below surface:	Not Reported
Feet to sea level:	-37.25	Note:	Not Reported
Level reading date:	1946-06-10	Feet below surface:	Not Reported
Feet to sea level:	-36.63	Note:	Not Reported
Level reading date:	1946-05-27	Feet below surface:	Not Reported
Feet to sea level:	-36.17	Note:	Not Reported
Level reading date:	1946-05-20	Feet below surface:	Not Reported
Feet to sea level:	-35.97	Note:	Not Reported
Level reading date:	1946-05-13	Feet below surface:	Not Reported
Feet to sea level:	-35.55	Note:	Not Reported
Level reading date:	1946-05-06	Feet below surface:	Not Reported
Feet to sea level:	-35.32	Note:	Not Reported
Level reading date:	1946-04-29	Feet below surface:	Not Reported
Feet to sea level:	-35.07	Note:	Not Reported
Level reading date:	1946-04-22	Feet below surface:	Not Reported
Feet to sea level:	-35.31	Note:	Not Reported
Level reading date:	1946-04-15	Feet below surface:	Not Reported
Feet to sea level:	-35.44	Note:	Not Reported
Level reading date:	1946-04-08	Feet below surface:	Not Reported
Feet to sea level:	-35.56	Note:	Not Reported
Level reading date:	1946-04-01	Feet below surface:	Not Reported
Feet to sea level:	-35.67	Note:	Not Reported
Level reading date:	1946-03-25	Feet below surface:	Not Reported
Feet to sea level:	-35.66	Note:	Not Reported
Level reading date:	1946-03-18	Feet below surface:	Not Reported
Feet to sea level:	-35.80	Note:	Not Reported
Level reading date:	1946-03-11	Feet below surface:	Not Reported
Feet to sea level:	-35.79	Note:	Not Reported
Level reading date:	1946-03-04	Feet below surface:	Not Reported
Feet to sea level:	-35.75	Note:	Not Reported
Level reading date:	1946-02-25	Feet below surface:	Not Reported
Feet to sea level:	-35.66	Note:	Not Reported
Level reading date:	1946-02-18	Feet below surface:	Not Reported
Feet to sea level:	-35.67	Note:	Not Reported

Level reading date:	1946-02-11	Feet below surface:	Not Reported
Feet to sea level:	-35.61	Note:	Not Reported
Level reading date:	1946-01-08	Feet below surface:	Not Reported
Feet to sea level:	-35.07	Note:	Not Reported
Level reading date:	1945-12-03	Feet below surface:	Not Reported
Feet to sea level:	-34.78	Note:	Not Reported
Level reading date:	1945-11-06	Feet below surface:	Not Reported
Feet to sea level:	-34.30	Note:	Not Reported
Level reading date:	1945-09-28	Feet below surface:	Not Reported
Feet to sea level:	-33.23	Note:	Not Reported
Level reading date:	1945-09-12	Feet below surface:	Not Reported
Feet to sea level:	-32.54	Note:	Not Reported
Level reading date:	1945-08-08	Feet below surface:	Not Reported
Feet to sea level:	-30.12	Note:	Not Reported
Level reading date:	1945-07-23	Feet below surface:	Not Reported
Feet to sea level:	-30.27	Note:	Not Reported
Level reading date:	1945-07-03	Feet below surface:	Not Reported
Feet to sea level:	-30.41	Note:	Not Reported
Level reading date:	1945-06-04	Feet below surface:	Not Reported
Feet to sea level:	-30.46	Note:	Not Reported

30
West
1/2 - 1 Mile
Higher

FED USGS **USGS40000829892**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 679. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	218	Well Hole Depth Units:	ft

31
NW
1/2 - 1 Mile
Higher

FED USGS **USGS40000830368**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 390. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	211	Well Hole Depth Units:	ft

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

32
NNW
1/2 - 1 Mile
Higher | **FED USGS** | **USGS40000830512**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 391. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	197	Well Hole Depth Units:	ft

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for QUEENS County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for QUEENS COUNTY, NY

Number of sites tested: 81

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area	0.620 pCi/L	97%	0%	3%
Basement	0.970 pCi/L	93%	6%	1%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands
Source: Department of Environmental Conservation
Telephone: 518-402-8961

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

New York Public Water Wells
Source: New York Department of Health
Telephone: 518-458-6731

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Database
Source: Department of Environmental Conservation
Telephone: 518-402-8072
These files contain records, in the database, of wells that have been drilled.

RADON

State Database: NY Radon
Source: Department of Health
Telephone: 518-402-7556
Radon Test Results

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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Appendix E

Freedom of Information Act Requests and Responses

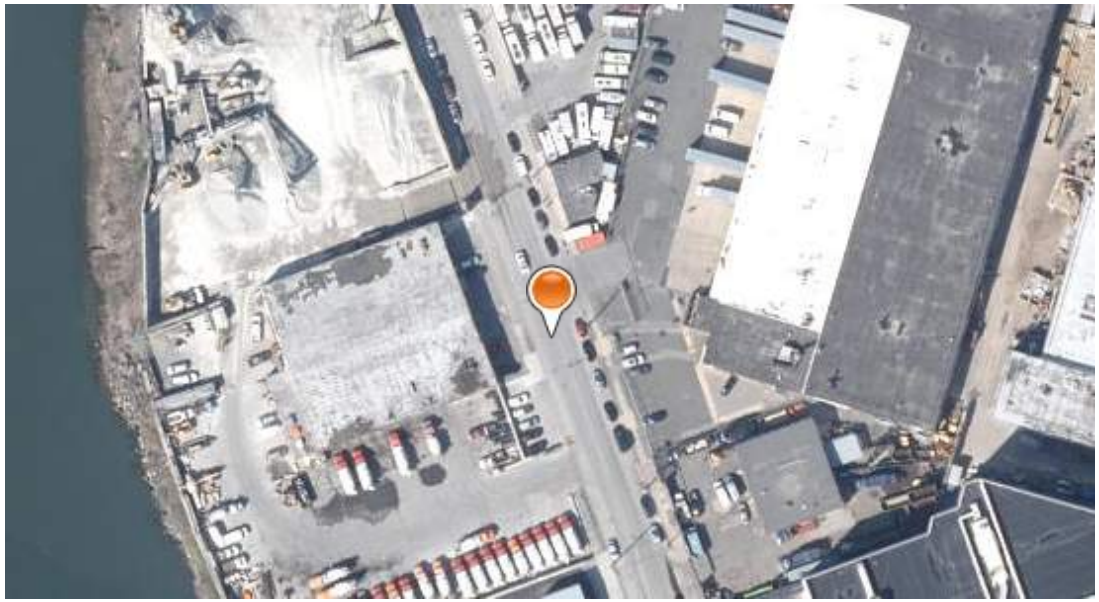
MyProperty Search Results

INFORMATION FOUND FOR THE SUBMITTED ADDRESS

The entered address was found within the EPA Facility Registry System (FRS) list of address records.

Search Criteria
Address Searched: 57-00 47th Street
City Searched: Maspeth
State Searched: NY

Query executed on 06/18/2021 07:05 AM



Facility Name	Address	City	State	Postal Code
57-00 47TH STREET Facility Report Summary Report Compliance Report	57-00 47TH STREET	MASPETH	NY	11378

Note: Click on the above Facility Report link to view a detailed list of known EPA and State Environmental Interests.
Click on the above Summary Report link to view environmental activities by this facility that may affect air, water, and land.
Click on the above Compliance Report link to view the current and past compliance history of this facility.

Disclaimer: The MyProperty reports are provided solely for informational purposes. They do not provide legal advice, have legally binding effect, or expressly or implicitly create, expand, or limit any legal rights, obligations, responsibilities, expectations, or benefits in regard to any person. EPA maintains the application to enhance public access to environmental information. This service has continual data updates, and we will correct errors brought to our attention, as appropriate.

LAST UPDATED ON {MONTH DAY, YYYY}

Related Topics: Envirofacts

FRS

FRS Facility Detail Report

57-00 47TH STREET

EPA Registry Id: 110039195331
57-00 47TH STREET
MASPETH, NY 11378

Legend

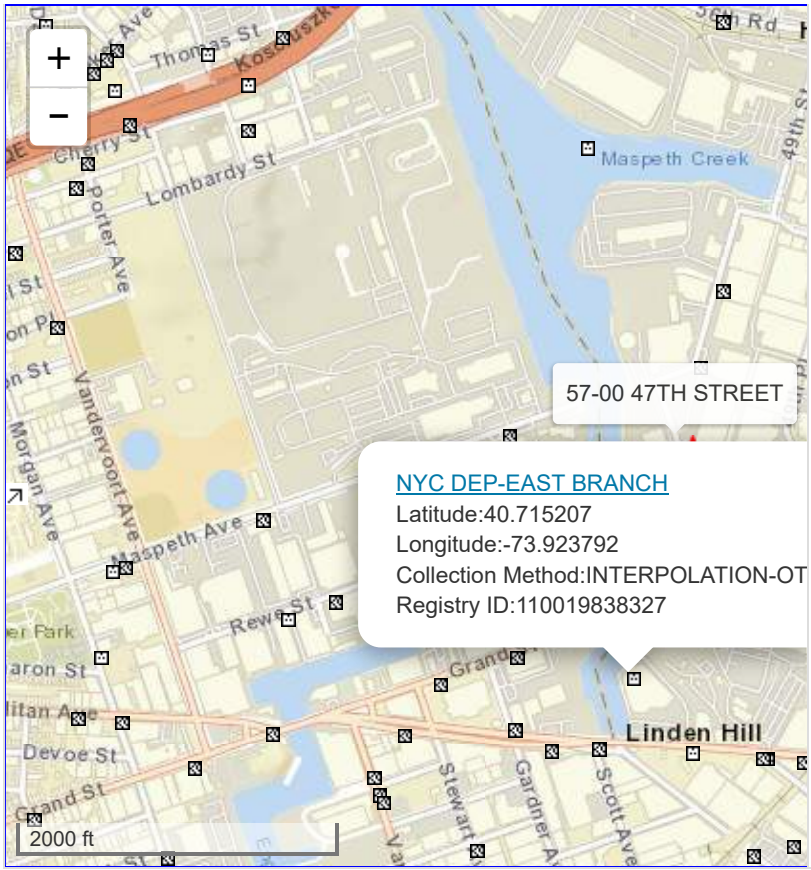
- Selected Facility
- EPA Facility of Interest
- State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

Facility Registry Service Links:

- Facility Registry Service (FRS) Overview
- FRS Facility Query
- FRS Organization Query
- EZ Query
- FRS Physical Data Model
- FRS Geospatial Model

Report an Error



Environmental Interests

Information System	System Facility Name	Information System Id/Report Link	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Environmental Interests:
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (ICIS-NPDES)	57-00 47TH STREET	NYU200023	ICIS-NPDES UNPERMITTED	ICIS		**ICIS-** ENFORCEMENT/COMPLIANCE ACTIVITY

Additional EPA Reports:	MyEnvironment	Enforcement and Compliance	Site Demographics	Facility Coordinates Viewer	Environmental Justice Map Viewer	Watershed Report

Standard Industrial Classification Codes (SIC)

No SIC Codes returned.

Facility Codes and Flags

EPA Region:	02
Duns Number:	
Congressional District Number:	12
Legislative District Number:	
HUC Code/Watershed:	02030201 / NORTHERN LONG ISLAND
US Mexico Border Indicator:	
Federal Facility:	
Tribal Land:	

Alternative Names

No Alternative Names returned.

Organizations

No Organizations returned.

National Industry Classification System Codes (NAICS)

No NAICS Codes returned.

Facility Mailing Addresses

No Facility Mailing Addresses returned.

Contacts

No Contacts returned.

Query executed on: JUN-17-2021

Last updated on September 24, 2015

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Practical Experience
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June 11, 2021

Fire Department, City of New York
Bureau of Revenue Management
9 MetroTech East
Brooklyn, NY 11201-3857

Re: Freedom of Information Request
57-00 and 58-20 47th Street
Block 2601, Lots 6 and 1
Maspeth, Queens, New York
Langan Project No. 170686701

Dear Sir or Madam:

Pursuant to the Federal Freedom of Information Act (5 U.S.C 552 et seq.) dealing with the examination and duplication of documents maintained by public agencies, Langan is requesting any information or copies of files regarding environmental conditions on the above property, such as environmental permits, notices of violations, spill/discharge incidents, storage or disposal of hazardous substances, Underground Storage Tanks (USTs), Leaking Underground Storage Tanks (LTANKs), asbestos abatement, and any other environmental reports that your department may have.

The Subject Property is located at **57-00 and 58-20 47th Street in Maspeth, Queens, New York**, and is identified as **Block 2601, Lots 6 and 1** on the Queens Borough tax map. The site is located on the city block bound by 58th Road to the north, 47th Street to the east, Grand Avenue to the south and Newtown Creek to the west"

Please contact me at 212-479-5486 with any questions or send your response to my attention at ksemon@langan.com or at the below address:

Langan Engineering and Environmental Services, P.C.
21 Penn Plaza
360 West 31st Street, 8th floor
New York, New York 10001-2727

Thank you in advance for your cooperation.

Sincerely,

Langan Engineering, Environmental, Surveying
Landscape Architecture, and Geology D.P.C.

Kimberly Semon

Kimberly Semon, PE
Project Manager

FIRE DEPARTMENT – CITY OF NEW YORK

Public Records Unit / Tanks Section

9 MetroTech Center
Brooklyn, New York 11201-3857
(718) 999-2441 or 2442

Fuel Tank Special Report Request Form

SECTION A CUSTOMER INFORMATION

Please print the required information below.

Kimberly Semon c/o Langan Engineering
Name

360 West 31st Street, 7th Floor
Address

New York, NY 10001
State Zip Code

212-479-5486
Telephone Number

OFFICE USE ONLY

_____
Cashier / Search No.

PRU Staff
Accepted By/Initials:_____

Searched By:_____

Total Amount:_____

Note: Please make sure you complete this form and attach all required documents. Enclose a check or money order made payable to the NYC Fire Department and a stamped self-addressed envelope (with postage). Mail checks or money orders directly to the address and unit listed above. DO NOT MAIL CASH.

SECTION B FUEL TANK REPORT - FEE $10.00 / PER REPORT

57-00 and 58-20 47th Street, Block 2601, Lots 6 and 1 — Queens

House Number Street Name — Borough

- [X] **THE TOTAL AMOUNT AND SIZE OF EXISTING FUEL OIL / HEATING TANKS**
- [X] **THE TOTAL AMOUNT AND SIZE OF REMOVED OR SEALED FUEL OIL / HEATING TANKS**
- [X] **THE TOTAL AMOUNT AND SIZE OF EXISTING BURIED MOTOR VEHICLE TANKS**
- [X] **THE TOTAL AMOUNT AND SIZE OF REMOVED OR SEALED BURIED MOTOR VEHICLE TANKS**
- [X] **MOST RECENT TANK / PIPING TEST RESULTS**
- [X] **HISTORY OF BURIED TANKS LEAKS**

Note: Requests will be responded to within 10 business days.

PR3 (July-08)

New York City Fire Department Fuel Tank Special Report

The New York City Fire Department issues New York City Fire Code Fuel Tank Inspection Reports and issues violations for bulk fuel storage tanks within New York City. The FDNY does not maintain copies of Fuel Tank Inspection Report records for bulk fuel storage tanks located outside of New York City.

Where do I obtain a copy of my FDNY Fuel Tank Special Report?

- You can perform an on-line search for a summons, see a copy of the summons, find your NYC Office of Administrative Trials and Hearings (OATH) Environmental Control Board (ECB) hearing date, hearing results, and make payments. You can search for this information by name, address or the summons number. You can search for this information by name, address or the summons number by going to the Summons Finder.
- You may obtain copies from the FDNY Public Records Unit through the following methods,
    - In Person
    - By Mail
    - Online

If you are picking your Report up in person or want to request the records by mail, please either visit or mail requests to:

FDNY Public Records Unit
9 MetroTech Center- First Floor
Brooklyn, N.Y. 11201
Use the FLATBUSH AVENUE ENTRANCE
Hours of Operation: Monday - Friday 9:00am to 4:00pm (except Holidays)
(718) 999-1998 or 1999

Who is eligible to obtain a copy of a FDNY Fuel Tank Special Report?

- Anyone may obtain a copy of a FDNY Fuel Tank Special Report.

What is the fee for a copy of an FDNY Fuel Special Tank Report?

- The fee is $10.00 per Report.
- Payments for Mail or Online requests may be made by check or money order payable to the New York City Fire Department - **Do not send cash**.
    - *NOTE: Payments submitted from foreign countries must be made by a check drawn on a United States bank or by international money order.*

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June 11, 2021

Records Access Officer
New York City Department of Environmental Protection
Bureau of Legal Affairs
59-17 Junction Boulevard, 19th Floor
Corona, New York 11368

Re: Freedom of Information Request
57-00 and 58-20 47th Street
Block 2601, Lots 6 and 1
Maspeth, Queens, New York
Langan Project No. 170686701

Dear Sir or Madam:

Pursuant to the Federal Freedom of Information Act (5 U.S.C 552 et seq.) dealing with the examination and duplication of documents maintained by public agencies, Langan is requesting any information or copies of files regarding environmental conditions on the above property, such as environmental permits, notices of violations, spill/discharge incidents, storage or disposal of hazardous substances, Underground Storage Tanks (USTs), Leaking Underground Storage Tanks (LTANKs), asbestos abatement, and any other environmental reports that your department may have.

The Subject Property is located at **57-00 and 58-20 47th Street in Maspeth, Queens, New York**, and is identified as **Block 2601, Lots 6 and 1** on the Queens Borough tax map. The site is located on the city block bound by 58th Road to the north, 47th Street to the east, Grand Avenue to the south and Newtown Creek to the west"

Please contact me at 212-479-5486 with any questions or send your response to my attention at ksemon@langan.com or at the below address:

Langan Engineering and Environmental Services, P.C.
21 Penn Plaza
360 West 31st Street, 8th floor
New York, New York 10001-2727

Thank you in advance for your cooperation.

Sincerely,

Langan Engineering, Environmental, Surveying
Landscape Architecture, and Geology D.P.C.

Kimberly Semon

Kimberly Semon, PE
Project Manager

LANGAN

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June 11, 2021

Records Access Officer
Department of Mental Health and Hygiene
Gotham Center
42-09 28th Street, Floor 14th, CN31
Long Island City, NY 11101
recordsaccess@health.nyc.gov

Re: Freedom of Information Request
57-00 and 58-20 47th Street
Block 2601, Lots 6 and 1
Maspeth, Queens, New York
Langan Project No. 170686701

Dear Sir or Madam:

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Thank you in advance for your cooperation.

Sincerely,

Langan Engineering, Environmental, Surveying
Landscape Architecture, and Geology D.P.C.

Kimberly Semon

Kimberly Semon, PE
Project Manager

NEW YORK CITY DEPARTMENT OF
HEALTH AND MENTAL HYGIENE
Dr. Dave A. Chokshi, MD, MSc
Commissioner

Date: 6/30/2021

F.O.I.L. Requestor: Langan Engineering and Enviromental Services, P.C.

Attention: Phillip Lynch / Kimberly Semon

Project / File Number: 170686701

Control Number: 2021FR0 1498

Name and Address Requested: Unknown
57-00 47th Street
Maspeth Queens, NY

Supplemental Address(es): 58-20 47th Street
Maspeth Queens, NY

Dear Sir / Madam:

After a thorough search of our files, we did not find records for the following reason:

- ☐ A) No Records for the (Child /ren) have been located on the Healthy Homes Program record system.
- ☒ B) No Environmental Records were found for the address and / or apartment requested.
- ☐ C) Printout of child's blood lead level, (copy attached), is the only information in the Healthy Homes Program record system.

Sincerely,

Ben Del Percio
Record Services Unit Coordinator

JD

HEALTHY HOMES PROGRAM
RECORD SERVICES UNIT
125 Worth St., 6th Floor, CN-58 New York, New York 10013
Tel. (646) 632-6006 Fax (347)396-8925

NEW YORK CITY DEPARTMENT OF
HEALTH AND MENTAL HYGIENE
David A. Chokshi
Commissioner

Date: July 1, 2021

F.O.I.L. Requestor: Langan Engineering & Environmental Services, Inc.

Attention / File Number: Kimberly Semon

Control Number: 2021FR01500 – - -

Name and Address Requested: Unknown
57-05 & 57-57 47th Street
Queens, New York

Supplemental Address(es):

Dear Sir / Madam:

After a thorough search of our files, we did not find records for the following reason:

☐ A) No Records for the (Child / ren) have been located on the Healthy Homes Program record system.

☒ B) No Environmental Records were found for the address and / or apartment requested.

☐ C) Printout of child's blood lead level, (copy attached), is the only information in the Healthy Homes Program record system.

Sincerely,

Ben Del Percio
Record Services Unit Coordinator

HEALTHY HOMES PROGRAM
RECORD SERVICES UNIT
125 Worth St., 6th Floor, CN-58 New York, New York 10013
Tel. (646) 632-6006 Fax (347)396-8925

57-05 and 57-57 47th Street, Block 2602, Lots 72 and 68, Maspeth, Queens, NY

Philip Lynch <plynch@Langan.com>
Fri 6/11/2021 4:09 PM

To: recordsaccess <recordsaccess@health.nyc.gov>
Cc: Kimberly Semon <ksemon@langan.com>

1 attachments (58 KB)
NYCDOH - Request.pdf;

CN#2021FR01500

[EXTERNAL/UNTRUSTED]

Re: Freedom of Information Request
57-05 and 57-57 47th Street
Block 2602, Lots 72 and 68
Maspeth, Queens, New York
Langan Project No. 170686701

Dear Sir or Madam:

Pursuant to the Federal Freedom of Information Act (5 U.S.C 552 et seq.) dealing with the examination and duplication of documents maintained by public agencies, Langan is requesting any information or copies of files regarding environmental conditions on the above property, such as environmental permits, notices of violations, spill/discharge incidents, storage or disposal of hazardous substances, Underground Storage Tanks (USTs), Leaking Underground Storage Tanks (LTANKs), asbestos abatement, and any other environmental reports that your department may have.

The Subject Property is located at **57-05 and 57-57 47th Street in Maspeth, Queens, New York**, and is identified as **Block 2602, Lots 72 and 68** on the Queens Borough tax map. The site is located on the city block bound by 58th Road to the north, 49th Street to the east, Grand Avenue to the south and 47th Street to the west.

Please contact me at 212-479-5486 with any questions or send your response to my attention at ksemon@langan.com or at the below address:

Langan Engineering and Environmental Services, P.C.
21 Penn Plaza
360 West 31st Street, 8th floor
New York, New York 10001-2727

Thank you in advance for your cooperation.

Sincerely,

Langan Engineering, Environmental, Surveying
Landscape Architecture, and Geology D.P.C.

Kimberly Semon

Kimberly Semon, PE
Project Manager

Philip Lynch
Administrative Assistant

LANGAN

Direct: 212.479.5469
Mobile: 914.882.2582
File Sharing Link

Phone: 212.479.5400 Fax: 212.479.5444
21 Penn Plaza
360 West 31st Street, 8th Floor
New York, NY 10001-2727
www.langan.com

NEW YORK NEW JERSEY CONNECTICUT MASSACHUSETTS PENNSYLVANIA WASHINGTON, DC VIRGINIA OHIO ILLINOIS FLORIDA TEXAS ARIZONA COLORADO WASHINGTON CALIFORNIA ATHENS CALGARY DUBAI LONDON PANAMA

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LANGAN

June 11, 2021

Records Access Officer
Department of Mental Health and Hygiene
Gotham Center
42-09 28th Street, Floor 14th, CN31
Long Island City, NY 11101
recordsaccess@health.nyc.gov

CN#2021FR01500

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Maspeth, Queens, New York
Langan Project No. 170686701

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21 Penn Plaza
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Landscape Architecture, and Geology D.P.C.

Kimberly Semon

Kimberly Semon, PE
Project Manager

LANGAN

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Practical Experience
Client Responsiveness

June 11, 2021

New York State Department of Environmental Conservation
Region 2 Office
47-40 21st Street
Long Island City, New York 11101

Re: Freedom of Information Request
57-00 and 58-20 47th Street
Block 2601, Lots 6 and 1
Maspeth, Queens, New York
Langan Project No. 170686701

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Please contact me at 212-479-5486 with any questions or send your response to my attention at ksemon@langan.com or at the below address:

Langan Engineering and Environmental Services, P.C.
21 Penn Plaza
360 West 31st Street, 8th floor
New York, New York 10001-2727

Thank you in advance for your cooperation.

Sincerely,

Langan Engineering, Environmental, Surveying
Landscape Architecture, and Geology D.P.C.

Kimberly Semon

Kimberly Semon, PE
Project Manager

LANGAN

Technical Excellence
Practical Experience
Client Responsiveness

June 11, 2021

Records Access Office
New York State Department of Health
Corning Tower, Room 2364
Albany, New York 12237-0044
foil@health.ny.gov

Re: Freedom of Information Request
57-00 and 58-20 47th Street
Block 2601, Lots 6 and 1
Maspeth, Queens, New York
Langan Project No. 170686701

Dear Sir or Madam:

Pursuant to the Federal Freedom of Information Act (5 U.S.C 552 et seq.) dealing with the examination and duplication of documents maintained by public agencies, Langan is requesting any information or copies of files regarding environmental conditions on the above property, such as environmental permits, notices of violations, spill/discharge incidents, storage or disposal of hazardous substances, Underground Storage Tanks (USTs), Leaking Underground Storage Tanks (LTANKs), asbestos abatement, and any other environmental reports that your department may have.

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Kimberly Semon

Kimberly Semon, PE
Project Manager

NEW YORK STATE OF OPPORTUNITY. | Department of Health

ANDREW M. CUOMO
Governor

HOWARD A. ZUCKER, M.D., J.D.
Commissioner

LISA J. PINO, M.A., J.D.
Executive Deputy Commissioner

June 11, 2021

Kimberly Semon
Langan
21 Penn Plaza
360 West 31st Street, 8th Floor
New York, NY 10001

FOIL #: 21-06-264
RE: 170686701

Dear Kimberly Semon:

This will acknowledge receipt of your request for records under the Freedom of Information Law (FOIL), received by this office on June 11, 2021.

Your request has been forwarded to the appropriate Department program area(s) to identify documents that are responsive to your request and which may be made available pursuant to all applicable provisions of the Freedom of Information Law.

A determination as to whether your request is granted or denied will be reached in approximately 20 business days or we will notify you in writing if the responsible program area(s) should require additional time to locate, assemble, and review documents that may be responsive to your request.

Please note that, pursuant to Article 6 of the Public Officers Law, a charge may be applied to your request, including the actual cost of the medium used to respond to your Freedom of Information Law request and/or other related costs. When responsive records have been identified, you will be informed of any cost and how payment should be made.

Sincerely,

Rosemarie Hewig, Esq.
Records Access Officer

RH/sjp

LANGAN

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Practical Experience
Client Responsiveness

June 11, 2021

Fire Department, City of New York
Bureau of Revenue Management
9 MetroTech East
Brooklyn, NY 11201-3857

Re: Freedom of Information Request
57-05 and 57-57 47th Street
Block 2602, Lots 72 and 68
Maspeth, Queens, New York
Langan Project No. 170686701

Dear Sir or Madam:

Pursuant to the Federal Freedom of Information Act (5 U.S.C 552 et seq.) dealing with the examination and duplication of documents maintained by public agencies, Langan is requesting any information or copies of files regarding environmental conditions on the above property, such as environmental permits, notices of violations, spill/discharge incidents, storage or disposal of hazardous substances, Underground Storage Tanks (USTs), Leaking Underground Storage Tanks (LTANKs), asbestos abatement, and any other environmental reports that your department may have.

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Sincerely,

Langan Engineering, Environmental, Surveying
Landscape Architecture, and Geology D.P.C.

Kimberly Semon

Kimberly Semon, PE
Project Manager

FIRE DEPARTMENT – CITY OF NEW YORK

Public Records Unit / Tanks Section

9 MetroTech Center
Brooklyn, New York 11201-3857
(718) 999-2441 or 2442

Fuel Tank Special Report Request Form

SECTION A CUSTOMER INFORMATION

Please print the required information below.

Kimberly Semon c/o Langan Engineering
Name

360 West 31st Street, 7th Floor
Address

New York, NY 10001
State Zip Code

212-479-5486
Telephone Number

OFFICE USE ONLY

_____
Cashier / Search No.

PRU Staff
Accepted By/Initials:_____

Searched By:_____

Total Amount:_____

Note: Please make sure you complete this form and attach all required documents. Enclose a check or money order made payable to the NYC Fire Department and a stamped self-addressed envelope (with postage). Mail checks or money orders directly to the address and unit listed above. DO NOT MAIL CASH.

SECTION B FUEL TANK REPORT - FEE $10.00 / PER REPORT

57-05 and 57-57 47th Street, Block 2602, Lots 72 and 68
House Number Street Name

Queens
Borough

- [X] **THE TOTAL AMOUNT AND SIZE OF EXISTING FUEL OIL / HEATING TANKS**
- [X] **THE TOTAL AMOUNT AND SIZE OF REMOVED OR SEALED FUEL OIL / HEATING TANKS**
- [X] **THE TOTAL AMOUNT AND SIZE OF EXISTING BURIED MOTOR VEHICLE TANKS**
- [X] **THE TOTAL AMOUNT AND SIZE OF REMOVED OR SEALED BURIED MOTOR VEHICLE TANKS**
- [X] **MOST RECENT TANK / PIPING TEST RESULTS**
- [X] **HISTORY OF BURIED TANKS LEAKS**

Note: Requests will be responded to within 10 business days.

PR3 (July-08)

New York City Fire Department Fuel Tank Special Report

The New York City Fire Department issues New York City Fire Code Fuel Tank Inspection Reports and issues violations for bulk fuel storage tanks within New York City. The FDNY does not maintain copies of Fuel Tank Inspection Report records for bulk fuel storage tanks located outside of New York City.

Where do I obtain a copy of my FDNY Fuel Tank Special Report?

- You can perform an on-line search for a summons, see a copy of the summons, find your NYC Office of Administrative Trials and Hearings (OATH) Environmental Control Board (ECB) hearing date, hearing results, and make payments. You can search for this information by name, address or the summons number. You can search for this information by name, address or the summons number by going to the Summons Finder.
- You may obtain copies from the FDNY Public Records Unit through the following methods,
    - In Person
    - By Mail
    - Online

If you are picking your Report up in person or want to request the records by mail, please either visit or mail requests to:

FDNY Public Records Unit
9 MetroTech Center- First Floor
Brooklyn, N.Y. 11201
Use the FLATBUSH AVENUE ENTRANCE
Hours of Operation: Monday - Friday 9:00am to 4:00pm (except Holidays)
(718) 999-1998 or 1999

Who is eligible to obtain a copy of a FDNY Fuel Tank Special Report?

- Anyone may obtain a copy of a FDNY Fuel Tank Special Report.

What is the fee for a copy of an FDNY Fuel Special Tank Report?

- The fee is $10.00 per Report.
- Payments for Mail or Online requests may be made by check or money order payable to the New York City Fire Department - **Do not send cash**.
    - *NOTE: Payments submitted from foreign countries must be made by a check drawn on a United States bank or by international money order.*

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Client Responsiveness

June 11, 2021

Records Access Officer
New York City Department of Environmental Protection
Bureau of Legal Affairs
59-17 Junction Boulevard, 19th Floor
Corona, New York 11368

Re: Freedom of Information Request
57-05 and 57-57 47th Street
Block 2602, Lots 72 and 68
Maspeth, Queens, New York
Langan Project No. 170686701

Dear Sir or Madam:

Pursuant to the Federal Freedom of Information Act (5 U.S.C 552 et seq.) dealing with the examination and duplication of documents maintained by public agencies, Langan is requesting any information or copies of files regarding environmental conditions on the above property, such as environmental permits, notices of violations, spill/discharge incidents, storage or disposal of hazardous substances, Underground Storage Tanks (USTs), Leaking Underground Storage Tanks (LTANKs), asbestos abatement, and any other environmental reports that your department may have.

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Langan Engineering and Environmental Services, P.C.
21 Penn Plaza
360 West 31st Street, 8th floor
New York, New York 10001-2727

Thank you in advance for your cooperation.

Sincerely,

Langan Engineering, Environmental, Surveying
Landscape Architecture, and Geology D.P.C.

Kimberly Semon

Kimberly Semon, PE
Project Manager

LANGAN

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Practical Experience
Client Responsiveness

June 11, 2021

Records Access Officer
Department of Mental Health and Hygiene
Gotham Center
42-09 28th Street, Floor 14th, CN31
Long Island City, NY 11101
recordsaccess@health.nyc.gov

Re: Freedom of Information Request
57-05 and 57-57 47th Street
Block 2602, Lots 72 and 68
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Langan Project No. 170686701

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Landscape Architecture, and Geology D.P.C.

Kimberly Semon

Kimberly Semon, PE
Project Manager

NEW YORK CITY DEPARTMENT OF
HEALTH AND MENTAL HYGIENE
David A. Chokshi
Commissioner

Date: July 1, 2021

F.O.I.L. Requestor: Langan Engineering & Environmental Services, Inc.

Attention / File Number: Kimberly Semon

Control Number: 2021FR01500 – - -

Name and Address Requested: Unknown
57-05 & 57-57 47th Street
Queens, New York

Supplemental Address(es):

Dear Sir / Madam:

After a thorough search of our files, we did not find records for the following reason:

☐ A) No Records for the (Child / ren) have been located on the Healthy Homes Program record system.

☒ B) No Environmental Records were found for the address and / or apartment requested.

☐ C) Printout of child's blood lead level, (copy attached), is the only information in the Healthy Homes Program record system.

Sincerely,

Ben Del Percio
Record Services Unit Coordinator

HEALTHY HOMES PROGRAM
RECORD SERVICES UNIT
125 Worth St., 6th Floor, CN-58 New York, New York 10013
Tel. (646) 632-6006 Fax (347)396-8925

57-05 and 57-57 47th Street, Block 2602, Lots 72 and 68, Maspeth, Queens, NY

Philip Lynch <plynch@Langan.com>
Fri 6/11/2021 4:09 PM

To: recordsaccess <recordsaccess@health.nyc.gov>
Cc: Kimberly Semon <ksemon@langan.com>

1 attachments (58 KB)
NYCDOH - Request.pdf;

CN#2021FR01500

[EXTERNAL/UNTRUSTED]

Re: Freedom of Information Request
57-05 and 57-57 47th Street
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Landscape Architecture, and Geology D.P.C.

Kimberly Semon

Kimberly Semon, PE
Project Manager

Philip Lynch
Administrative Assistant

LANGAN

Direct: 212.479.5469
Mobile: 914.882.2582
File Sharing Link

Phone: 212.479.5400 Fax: 212.479.5444
21 Penn Plaza
360 West 31st Street, 8th Floor
New York, NY 10001-2727
www.langan.com

NEW YORK NEW JERSEY CONNECTICUT MASSACHUSETTS PENNSYLVANIA WASHINGTON, DC VIRGINIA OHIO ILLINOIS FLORIDA TEXAS ARIZONA COLORADO WASHINGTON CALIFORNIA ATHENS CALGARY DUBAI LONDON PANAMA

A Carbon-Neutral Firm | Langan's goal is to be SAFE (Stay Accident Free Everyday)

Build your career with a premier firm. Join Langan.

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ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails. If it looks suspicious, send it as an attachment to Phish@health.nyc.gov

LANGAN

June 11, 2021

Records Access Officer
Department of Mental Health and Hygiene
Gotham Center
42-09 28th Street, Floor 14th, CN31
Long Island City, NY 11101
recordsaccess@health.nyc.gov

CN#2021FR01500

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Kimberly Semon

Kimberly Semon, PE
Project Manager

LANGAN

Technical Excellence
Practical Experience
Client Responsiveness

June 11, 2021

New York State Department of Environmental Conservation
Region 2 Office
47-40 21st Street
Long Island City, New York 11101

Re: Freedom of Information Request
57-05 and 57-57 47th Street
Block 2602, Lots 72 and 68
Maspeth, Queens, New York
Langan Project No. 170686701

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Kimberly Semon

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June 11, 2021

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Kimberly Semon

Kimberly Semon, PE
Project Manager

NEW YORK STATE OF OPPORTUNITY. Department of Health

ANDREW M. CUOMO
Governor

HOWARD A. ZUCKER, M.D., J.D.
Commissioner

LISA J. PINO, M.A., J.D.
Executive Deputy Commissioner

June 11, 2021

Kimberly Semon
Langan
21 Penn Plaza
360 West 31st Street, 8th Floor
New York, NY 10001

FOIL #: 21-06-265
RE: 170686701

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Sincerely,

Rosemarie Hewig, Esq.
Records Access Officer

RH/sjp

Appendix F

New York City Department of Building Records

NYC BUILDINGS

Certificate of Occupancy

CO Number: 402008439F

This certifies that the premises described herein conforms substantially to the approved plans and specifications and to the requirements of all applicable laws, rules and regulations for the uses and occupancies specified. No change of use or occupancy shall be made unless a new Certificate of Occupancy is issued. *This document or a copy shall be available for inspection at the building at all reasonable times.*

A.

Borough:	Queens	**Block Number:**	02601	**Certificate Type:**	Final
Address:	58-20 47 STREET	**Lot Number(s):**	1	**Effective Date:**	04/08/2005
Building Identification Number (BIN):	4849949				
Special District:	None	**Building Type:**	Altered		

This Certificate supercedes CO Number(s): None

For zoning lot metes & bounds, please see BISWeb.

B.

Construction classification:	NON-COMB: 1-E	**Number of stories:**	1
Building Occupancy Group classification:	D-2	**Height in feet:**	1
Multiple Dwelling Law Classification:	None	**Number of dwelling units:**	0

C. **Fire detection and extinguishing systems:**
None associated with this filing.

D. **Type and number of open spaces:**
None associated with this filing.

E. **This Certificate is issued with the following legal limitations:**
None

Borough Comments: None

Borough Commissioner

Commissioner

DOCUMENT CONTINUES ON NEXT PAGE

NYC BUILDINGS

Certificate of Occupancy

CO Number: 402008439F

Permissible Use and Occupancy

Floor From To	Maximum persons permitted	Live load lbs per sq. ft.	Building Code habitable rooms	Building Code occupancy group	Zoning dwelling or rooming units	Zoning use group	Description of use
OSP		OG		D-2		18B	WASTE TRANSFER STATION IN CONJUNCTION WITH ADJACENT TAX LOT #6.

END OF SECTION

Borough Commissioner

Commissioner

END OF DOCUMENT

2ND RENEWAL

DEPARTMENT OF BUILDINGS

CERTIFICATE OF OCCUPANCY

BOROUGH QUEENS **DATE:** JUN 18 2004 **NO.** 400782827 TEMPORARY

This certificate supersedes C.O. NO ZONING DISTRICT M3-1

THIS CERTIFIES that the ~~new~~—altered—existing—building—premises located at

57-00 47th Street Block 2601 Lot 6

CONFORMS SUBSTANTIALLY TO THE APPROVED PLANS AND SPECIFICATIONS AND TO THE REQUIREMENTS OF ALL APPLICABLE LAWS, RULES, AND REGULATIONS FOR THE USES AND OCCUPANCIES SPECIFIED HEREIN.

PERMISSIBLE USE AND OCCUPANCY

STORY	LIVE LOAD LBS. PER SQ. FT.	MAXIMUM NO. OF PERSONS PERMITTED	ZONING DWELLING OR ROOMING UNITS	BUILDING CODE . HABITABLE ROOMS	ZONING USE GROUP	BUILDING CODE OCCUPANCY GROUP	DESCRIPTION OF USE
First	O.G.	9			18B	D-2	Waste Transfer Station & Accessory Uses
OSP					18C 18C		Storage Thirteen (13) Parking Spaces & One (1) Off Street Loading Berth.

NOTE: The above use for a temporary period of ninety (90) days. Same to expire 9/16/04

NOTE: Exceptions:
1. Certificate of Occupancy
2. Final Survey
3. Reel and Page Number
4. Open Applications Search

THIS CERTIFICATE OF OCCUPANCY MUST BE POSTED WITHIN THE BUILDING IN ACCORDANCE WITH THE RULES OF THE DEPARTMENT PROMULGATED MARCH 31st, 1967

OPEN SPACE USES_____
(SPECIFY—PARKING SPACES, LOADING BERTHS, OTHER USES, NONE)

NO CHANGES OF USE OR OCCUPANCY SHALL BE MADE UNLESS A NEW AMENDED CERTIFICATE OF OCCUPANCY IS OBTAINED

THIS CERTIFICATE OF OCCUPANCY IS ISSUED SUBJECT TO FURTHER LIMITATIONS, CONDITIONS AND SPECIFICATIONS NOTED ON THE REVERSE SIDE.

Margaret A. Morgan
BOROUGH SUPERINTENDENT

, A.I.A.
Commissioner ONS 7
COMMISSIONER

☐ ORIGINAL ☐ OFFICE COPY - DEPARTMENT OF BUILDINGS ☐ COPY

B Form 54 (Rev. 05/01)

THAT THE ZONING LOT ON WHICH THE PREMISES IS LOCATED IS BOUNDED AS FOLLOWS:

BEGINNING at a point on the West side of 47th Street
distant 525', south of 58th Road feet from the corner formed by the intersection of
and 47th Street

running thence West 293.98 feet; thence North 191.72 feet;
thence Northeast 269.10 feet; thence East 195.27 feet;
thence South 440 feet; thence ..... feet;
thence ..... feet; thence ..... feet;
to the point or place of beginning.

~~N.B.~~ or ALT. No. 40078282 DATE OF COMPLETION CONSTRUCTION CLASSIFICATION I
BUILDING OCCUPANCY GROUP CLASSIFICATION C HEIGHT 1 STORIES, FEET

THE FOLLOWING FIRE DETECTION AND EXTINGUISHING SYSTEMS ARE REQUIRED AND WERE INSTALLED IN COMPLIANCE WITH APPLICABLE LAWS.

	YES	NO		YES	NO
STANDPIPE SYSTEM			AUTOMATIC SPRINKLER SYSTEM		
YARD HYDRANT SYSTEM					
STANDPIPE FIRE TELEPHONE AND SIGNALLING SYSTEM					
SMOKE DETECTOR					
FIRE ALARM AND SIGNAL SYSTEM					

STORM DRAINAGE DISCHARGES INTO:
A) STORM SEWER [ ] B) COMBINED SEWER [X] C) PRIVATE SEWAGE DISPOSAL SYSTEM [ ]

SANITARY DRAINAGE DISCHARGES INTO:
A) SANITARY SEWER [ ] B) COMBINED SEWER [X] C) PRIVATE SEWAGE DISPOSAL SYSTEM [ ]

LIMITATIONS OR RESTRICTIONS:
BOARD OF STANDARDS AND APPEALS CAL. NO._____.
CITY PLANNING COMMISSION CAL. NO._____
OTHERS:

NYC BUILDINGS

CERTIFICATE OF OCCUPANCY

BOROUGH QUEENS **DATE:** FEB 23 2004 **NO.** 400782827 TEMPORARY

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CONFORMS SUBSTANTIALLY TO THE APPROVED PLANS AND SPECIFICATIONS AND TO THE REQUIREMENTS OF ALL APPLICABLE LAWS, RULES, AND REGULATIONS FOR THE USES AND OCCUPANCIES SPECIFIED HEREIN.

PERMISSIBLE USE AND OCCUPANCY

STORY	LIVE LOAD LBS. PER SQ. FT.	MAXIMUM NO. OF PERSONS PERMITTED	ZONING DWELLING OR ROOMING UNITS	BUILDING CODE HABITABLE ROOMS	ZONING USE GROUP	BUILDING CODE OCCUPANCY GROUP	DESCRIPTION OF USE
First	O.G.	9			18B	D-2	Waste Transfer Station & Accessory Uses.
OSP					18C 18C		Storage Thirteen (13) Parking Spaces & One (1) Off Street Loading BErth.

NOTE: The above use for a temporary period of ninety (90) days. Same to expire 3/23/05.

NOTE: Exceptions:
1. Certificate of Occupancy
2. Final Survey
3. Open Applications Search

THIS CERTIFICATE OF OCCUPANCY MUST BE POSTED WITHIN THE BUILDING IN ACCORDANCE WITH THE RULES ... MARCH 21 ...

OPEN SPACE USES _____
(SPECIFY—PARKING SPACES, LOADING BERTHS, OTHER USES, NONE)

NO CHANGES OF USE OR OCCUPANCY SHALL BE MADE UNLESS A NEW AMENDED CERTIFICATE OF OCCUPANCY IS OBTAINED

THIS CERTIFICATE OF OCCUPANCY IS ISSUED SUBJECT TO FURTHER LIMITATIONS, CONDITIONS AND SPECIFICATIONS NOTED ON THE REVERSE SIDE.

BOROUGH SUPERINTENDENT

COMMISSIONER

☐ ORIGINAL ☐ OFFICE COPY - DEPARTMENT OF BUILDINGS ☐ COPY

B Form 54 (REV. 06/03)

THAT THE ZONING LOT ON WHICH THE PREMISES IS LOCATED IS BOUNDED AS FOLLOWS:

BEGINNING at a point on the West side of 47th Street distant 85' South feet from the corner formed by the intersection of 58th Road and 47th Street

running thence South 440 feet; thence West 293.98 feet;
thence North 191.72 feet; thence Northeast 269.10 feet;
thence East 195.27 feet; thence ..... feet;
thence ..... feet; thence ..... feet;
to the point or place of beginning.

NB. or ALT. No. 400782827 **DATE OF COMPLETION** 4-19-2004 **CONSTRUCTION CLASSIFICATION** I
BUILDING OCCUPANCY GROUP CLASSIFICATION C **HEIGHT** 1 **STORIES,** 25 **FEET**

THE FOLLOWING FIRE DETECTION AND EXTINGUISHING SYSTEMS ARE REQUIRED AND WERE INSTALLED IN COMPLIANCE WITH APPLICABLE LAWS.

	YES	NO		YES	NO
STANDPIPE SYSTEM			AUTOMATIC SPRINKLER SYSTEM		
YARD HYDRANT SYSTEM					
STANOPIPE FIRE TELEPHONE ANO SIGNALLING SYSTEM					
SMOKE DETECTOR					
FIRE ALARM AND SIGNAL SYSTEM					

STORM DRAINAGE DISCHARGES INTO:
A) STORM SEWER ☐ B) COMBINED SEWER [X] C) PRIVATE SEWAGE DISPOSAL SYSTEM ☐

SANITARY DRAINAGE DISCHARGES INTO:
A) SANITARY SEWER ☐ B) COMBINED SEWER [X] C) PRIVATE SEWAGE DISPOSAL SYSTEM ☐

LIMITATIONS OR RESTRICTIONS:
BOARD OF STANDARDS AND APPEALS CAL. NO._____
CITY PLANNING COMMISSION CAL. NO._____
OTHERS:

NYC BUILDINGS

Certificate of Occupancy

CO Number: 400782827F

This certifies that the premises described herein conforms substantially to the approved plans and specifications and to the requirements of all applicable laws, rules and regulations for the uses and occupancies specified. No change of use or occupancy shall be made unless a new Certificate of Occupancy is issued. *This document or a copy shall be available for inspection at the building at all reasonable times.*

A.

Borough:	Queens	**Block Number:**	02601	**Certificate Type:**	Final
Address:	57-00 47 STREET	**Lot Number(s):**	6	**Effective Date:**	04/13/2005
Building Identification Number (BIN):	4311638				
Special District:	None	**Building Type:**	Altered		

This Certificate supercedes CO Number(s): None

For zoning lot metes & bounds, please see BISWeb.

B.

Construction classification:	OLD CODE: 1	**Number of stories:**	1
Building Occupancy Group classification:	COM	**Height in feet:**	25
Multiple Dwelling Law Classification:	None	**Number of dwelling units:**	0

C.

Fire Protection Equipment:
None associated with this filing.

D.

Type and number of open spaces:
None associated with this filing.

E.

This Certificate is issued with the following legal limitations:
None

Borough Comments: None

Borough Commissioner

Commissioner

DOCUMENT CONTINUES ON NEXT PAGE

NYC BUILDINGS

Certificate of Occupancy

CO Number: 400782827F

Permissible Use and Occupancy

Floor From To	Maximum persons permitted	Live load lbs per sq. ft.	Building Code habitable rooms	Building Code occupancy group	Zoning dwelling or rooming units	Zoning use group	Description of use
OSP						18C	STORAGE (13) THIRTEEN PARKING SPACES (1) OFF STREET LOADING BERTH. NOTE: SHALL COMPLY WITH APPLICABLE PERFORMANCE STANDARDS SET FORTH IN ZR 42 - 21 TO ZR42-28
001	9	OG		D-2		18B	WASTE TRANSFER STATION AND ACCESSORY USES.

END OF SECTION

Borough Commissioner

Commissioner

END OF DOCUMENT

Certificate of Occupancy

CO Number: 420617309T001

This certifies that the premises described herein conforms substantially to the approved plans and specifications and to the requirements of all applicable laws, rules and regulations for the uses and occupancies specified. No change of use or occupancy shall be made unless a new Certificate of Occupancy is issued. *This document or a copy shall be available for inspection at the building at all reasonable times.*

A.

Borough: Queens	**Block Number:** 02601	**Certificate Type:** Temporary
Address: 57-00 47TH STREET	**Lot Number(s):** 6	**Effective Date:** 04/23/2013
Building Identification Number (BIN): 4311638	**Building Type:** Altered	**Expiration Date:** 07/22/2013

This building is subject to this Building Code: 1968 Code

For zoning lot metes & bounds, please see BISWeb.

B.

Construction classification:	1-B	(1968 Code designation)
Building Occupancy Group classification:	F-1	(2008 Code)
Multiple Dwelling Law Classification:	None	

No. of stories: 1	**Height in feet:** 25	**No. of dwelling units:** 0

C. **Fire Protection Equipment:**
None associated with this filing.

D. **Type and number of open spaces:**
None associated with this filing.

E. **This Certificate is issued with the following legal limitations:**
None

Outstanding requirements for obtaining Final Certificate of Occupancy:

There are 8 outstanding requirements. Please refer to BISWeb for further detail.

Borough Comments: None

Borough Commissioner

Commissioner

DOCUMENT CONTINUES ON NEXT PAGE

Certificate of Occupancy

CO Number: 420617309T001

Permissible Use and Occupancy

All Building Code occupancy group designations below are 2008 designations.

Floor From	To	Maximum persons permitted	Live load lbs per sq. ft.	Building Code occupancy group	Dwelling or Rooming Units	Zoning use group	Description of use
OS P			OG	U		18C	STORAGE (13) THIRTEEN PARKING SPACES (1) OFF STREET LOADING BERTH.
001	001	9	OG	F-2		18B	WASTE TRANSFER STATION AND ACCESSORY USES.
001	001	4	OG	F-1		16	AUTOMOBILE REPAIR SHOP

SHALL COMPLY WITH APPLICABLE PERFORMANCE STANDARDS SET FORTH IN ZR42-21 TO ZR42-28.

END OF SECTION

Borough Commissioner

Commissioner

END OF DOCUMENT

NYC Buildings

Certificate of Occupancy

CO Number: 420617309T002

This certifies that the premises described herein conforms substantially to the approved plans and specifications and to the requirements of all applicable laws, rules and regulations for the uses and occupancies specified. No change of use or occupancy shall be made unless a new Certificate of Occupancy is issued. *This document or a copy shall be available for inspection at the building at all reasonable times.*

A.

Borough:	Queens	**Block Number:**	02601	**Certificate Type:**	Temporary
Address:	57-00 47TH STREET	**Lot Number(s):**	6	**Effective Date:**	05/01/2014
Building Identification Number (BIN):	4311638	**Building Type:**	Altered	**Expiration Date:**	07/01/2014

This building is subject to this Building Code: 1968 Code

For zoning lot metes & bounds, please see BISWeb.

B.

Construction classification:	1-B	(1968 Code designation)
Building Occupancy Group classification:	F-1	(2008 Code)
Multiple Dwelling Law Classification:	None	

No. of stories:	1	**Height in feet:**	25	**No. of dwelling units:**	0

C. **Fire Protection Equipment:**
None associated with this filing.

D. **Type and number of open spaces:**
None associated with this filing.

E. **This Certificate is issued with the following legal limitations:**
None

Outstanding requirements for obtaining Final Certificate of Occupancy:

There are 7 outstanding requirements. Please refer to BISWeb for further detail.

Borough Comments: None

Borough Commissioner

Acting Commissioner

DOCUMENT CONTINUES ON NEXT PAGE

NYC Buildings

Certificate of Occupancy

CO Number: 420617309T002

Permissible Use and Occupancy

All Building Code occupancy group designations below are 2008 designations.

Floor From	To	Maximum persons permitted	Live load lbs per sq. ft.	Building Code occupancy group	Dwelling or Rooming Units	Zoning use group	Description of use
OS P			OG	U		18C	STORAGE (13) THIRTEEN PARKING SPACES (1) OFF STREET LOADING BERTH.
001	001	9	OG	F-2		18B	WASTE TRANSFER STATION AND ACCESSORY USES.
001	001	4	OG	F-1		16	AUTOMOBILE REPAIR SHOP

SHALL COMPLY WITH APPLICABLE PERFORMANCE STANDARDS SET FORTH IN ZR42-21 TO ZR42-28.

END OF SECTION

Borough Commissioner

Acting Commissioner

END OF DOCUMENT

Certificate of Occupancy

CO Number: 420617309F

This certifies that the premises described herein conforms substantially to the approved plans and specifications and to the requirements of all applicable laws, rules and regulations for the uses and occupancies specified. No change of use or occupancy shall be made unless a new Certificate of Occupancy is issued. *This document or a copy shall be available for inspection at the building at all reasonable times.*

A.

Borough: Queens **Address:** 57-00 47TH STREET **Building Identification Number (BIN):** 4311638	**Block Number:** 02601 **Lot Number(s):** 6 **Building Type:** Altered	**Certificate Type:** Final **Effective Date:** 09/26/2014

This building is subject to this Building Code: 1968 Code

For zoning lot metes & bounds, please see BISWeb.

B.

Construction classification:	1-B	(1968 Code designation)
Building Occupancy Group classification:	F-1	(2014/2008 Code)
Multiple Dwelling Law Classification:	None	

No. of stories: 1	**Height in feet:** 25	**No. of dwelling units:** 0

C. **Fire Protection Equipment:**
None associated with this filing.

D. **Type and number of open spaces:**
None associated with this filing.

E. **This Certificate is issued with the following legal limitations:**
None

Borough Comments: None

Borough Commissioner

Commissioner

DOCUMENT CONTINUES ON NEXT PAGE

Certificate of Occupancy

CO Number: 420617309F

Permissible Use and Occupancy

All Building Code occupancy group designations below are 2008 designations.

Floor From	To	Maximum persons permitted	Live load lbs per sq. ft.	Building Code occupancy group	Dwelling or Rooming Units	Zoning use group	Description of use
OSP			OG	U		18C	STORAGE (13) THIRTEEN PARKING SPACES (1) OFF STREET LOADING BERTH.
001	001	9	OG	F-2		18B	WASTE TRANSFER STATION AND ACCESSORY USES.
001	001	4	OG	F-1		16	AUTOMOBILE REPAIR SHOP

SHALL COMPLY WITH APPLICABLE PERFORMANCE STANDARDS SET FORTH IN ZR42-21 TO ZR42-28.

END OF SECTION

Borough Commissioner

Commissioner

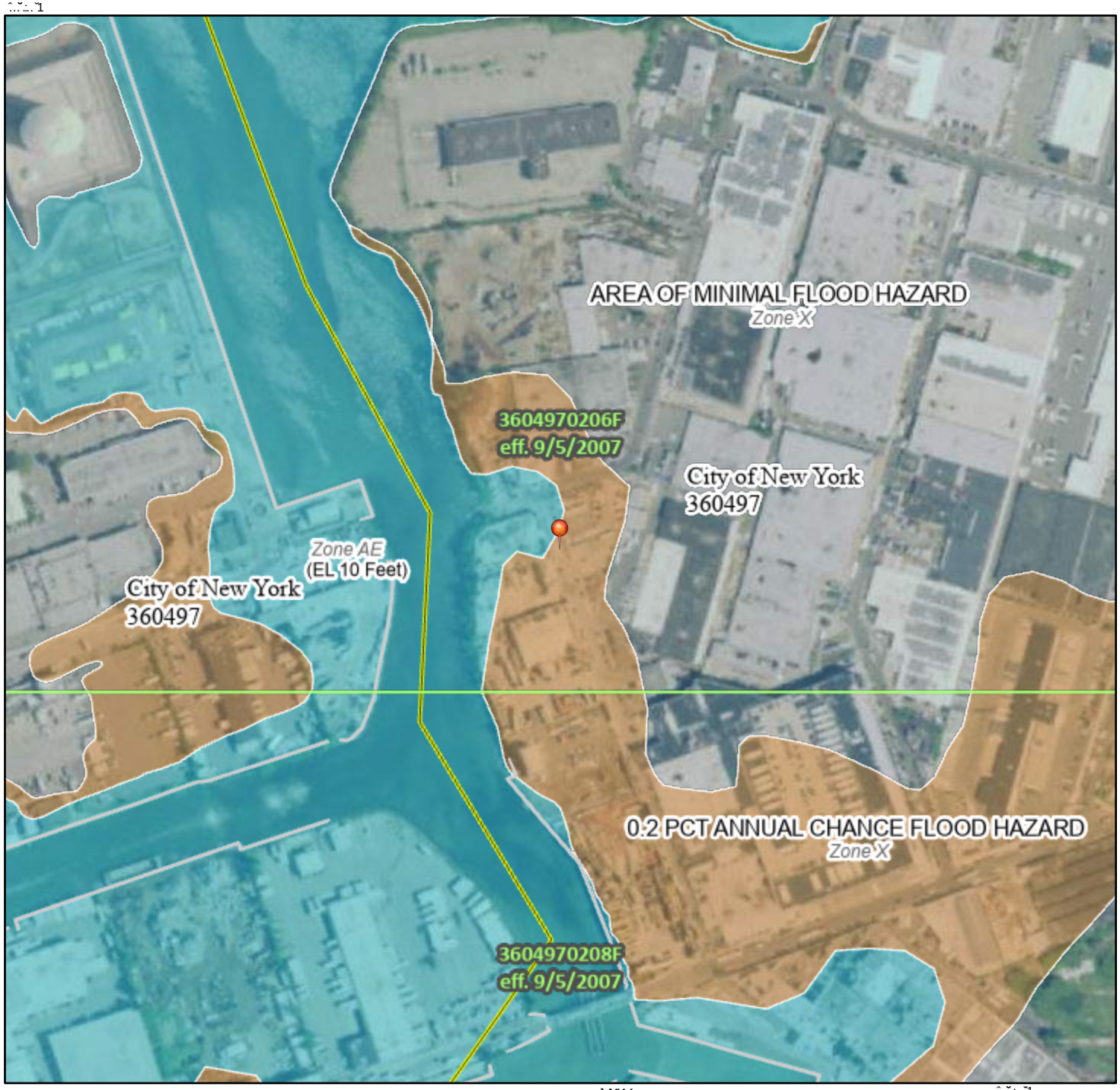
END OF DOCUMENT

Appendix G

FEMA Flood Map

1DWLRQDO)ORRG+D]DUG'DWD)ORRGWWH

FEMA



)HHW

%DVHPDS 86 1DWLRQDO 2FHDQLF DQG $WPRVSKHULF $GPLQLVWUDWLRQ

/HJHQG

6)+$ 5LVN=RQH'HVLJQDWLRQV

L:KHRW %DVH)ORRGSODLQHYDWLRQ %)(
=RQH$ 9 $
L:K %RUHSWK =RQH$ $ 9 $
5LVN'DWXP\)RRGZD

$QQXDO &KDQFH)ORRG+D]DUG $UHDV
R DQQXDO FKDQFHORRGZDWKDYHUDH
G+BWKOHV WKDQRQHIRRW RU ZKGUDLQDJH
DUHDV R OHVV WKDQRQHVTXDUHPLOH=RQH;

)WXUH&RQGLWLRQV$QQXDO
&KDQFH)ORRG+D]DUG =RQH;

$UHDZKHUH5HGXFHG)ORRG5LVNGHWR
/HYHH 6HH1RWHV =RQH;

$UHDZKH)ORRG5LVNGHWRHYHH =RQH'

$UHDRI0LQLPDO)ORRG+D]DUG =RQH;
(IIHFWLYH%DV
$UHDR 8QGHWHUPLQHG)ORRG+D]DUG =RQH'

&KDQQHO &OYHUW RU 6WUXFWXUH
/HYHH L'LNH RU)ORRGZDOO

&URVV6HFWLRQ ZLWK$QQXDO &KDQFH
DWHU 6XUIDFH(OHYDWLRQ
&RDVWDO 7UDQVHFW
%DVH)ORRG(OHYDWLRQ/LQH %)(
/LPLW R 6WUXFWXUH
-XULVGLFWLRQ%RXQGDU\
&RDVWDO 7UDQVHFW %DVHOLQH
3URFHVV%DVHOLQH
+GURJUDSKLF)HDWXUH

L'LWDO DWD$YDLODEOH
1R'LWDO DWD$YDLODEOH
8QPDSSHG

7KHSLQGLVSOD\HGRQWKHPDSSLV DQDSSURSULDWH
SRQW VHOHFWHGE\WKHXVHU DQGGRHV QRW UHSUHV
DQDWKRULWDWLYHSURSHUW\ORFDWLRQ

7KLVPSFRROLHVZLWKJ\VWDQGDUGIRU WKHXVHR
GL.LWDO IORRGPS/LI LW LVQRW YRLGV/GHVFULEHGEHORZ
7KHEDVHPDS VKRZQFRROLHVZLWKJ\VEDVHPDS
DFFXUDWH WDQGDUG/

7KHIORRGKD]DUGLQIRUPDWLRQLV GHULYHGGLUHFWO\IURPWKH
DWKRULWDWLYH%ZEVHUYLFHVSURYLGHGE\ 7KLVPS
ZVHSRUWHGRQ DW ;3 DQGGRHV QRW
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WLPH 7KH)HDQGHIHFWLYHLQRUPDWLRQPDFKDQHRU
EHFRPXSUVHGGE\QHZGDWDRYHU WLPH

7KLVPSLBHLV YRLGLI WKHRQHRU RUHR WKHIOORZLQJPS
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OHHQG VFDOHEDU PSFRHDWLRQGDWH FRQW\LGHQWLILHUV
)5$3DQHO QXPEU DQG)5$IIHFWLYHGDWH DSLBHV IRU
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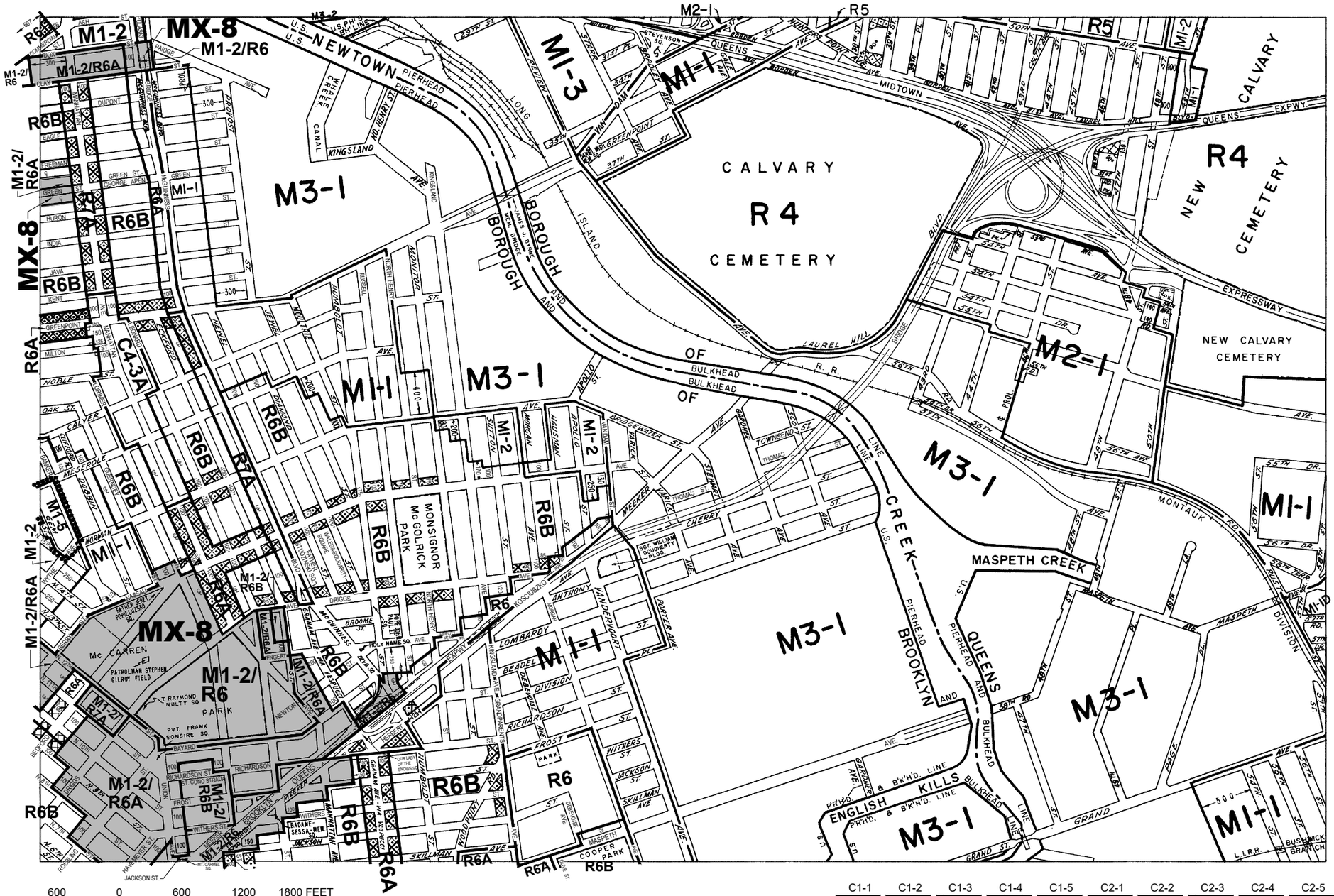
Appendix H

New York City Planning Commission Zoning Map



C1-1 C1-2 C1-3 C1-4 C1-5 C2-1 C2-2 C2-3 C2-4 C2-5

NOTE: Where no dimensions for zoning district boundaries appear on the zoning maps, such dimensions are determined in Article VII, Chapter 6 (Location of District Boundaries) of the Zoning Resolution.

ZONING MAP

THE NEW YORK CITY PLANNING COMMISSION

Major Zoning Classifications:

The number(s) and/or letter(s) that follows an R, C or M District designation indicates use, bulk and other controls as described in the text of the Zoning Resolution.

R – RESIDENTIAL DISTRICT

C – COMMERCIAL DISTRICT

M – MANUFACTURING DISTRICT

SPECIAL PURPOSE DISTRICT
The letter(s) within the shaded area designates the special purpose district as described in the text of the Zoning Resolution.

AREA(S) REZONED

Effective Date(s) of Rezoning:

05-27-2021 C 210138 ZMK

Special Requirements:

For a list of lots subject to CEQR environmental requirements, see APPENDIX C.

For a list of lots subject to "D" restrictive declarations, see APPENDIX D.

For Inclusionary Housing designated areas and Mandatory Inclusionary Housing areas on this map, see APPENDIX F.

MAP KEY

N

8d	9b	9d
12c	**13a**	13c
12d	13b	13d

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ZONING MAP **13a**

NOTE: Zoning information as shown on this map is subject to change. For the most up-to-date zoning information for this map, visit the Zoning section of the Department of City Planning website: **www.nyc.gov/planning** or contact the Zoning Information Desk at (212) 720-3291.

Appendix I

Aerial Photographs

47th Street - Maspeth

5500 47th St

Maspeth, NY 11378

Inquiry Number: 6533554.11

June 11, 2021

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

06/11/21

Site Name:

47th Street - Maspeth
5500 47th St
Maspeth, NY 11378
EDR Inquiry # 6533554.11

Client Name:

Langan Engineering, Inc.
360 W. 31st Street
New York, NY 10001
Contact: Lucy Bevan

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	Scale	Details	Source
2017	1"=500'	Flight Year: 2017	USDA/NAIP
2013	1"=500'	Flight Year: 2013	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1994	1"=500'	Acquisition Date: April 04, 1994	USGS/DOQQ
1991	1"=500'	Flight Date: March 09, 1991	NAPP
1984	1"=500'	Flight Date: March 26, 1984	USDA
1980	1"=500'	Flight Date: July 25, 1980	NOAA
1976	1"=500'	Flight Date: October 29, 1976	USGS
1974	1"=500'	Flight Date: October 19, 1974	NOAA
1966	1"=500'	Flight Date: February 23, 1966	USGS
1961	1"=500'	Flight Date: April 12, 1961	EDR Proprietary Aerial Viewpoint
1954	1"=500'	Flight Date: January 04, 1954	USGS
1951	1"=500'	Flight Date: April 21, 1951	EDR Proprietary Aerial Viewpoint
1941	1"=500'	Flight Date: January 01, 1941	FirstSearch
1924	1"=500'	Flight Date: July 01, 1924	FAIR

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INQUIRY #: 6533554.11

YEAR: 2017

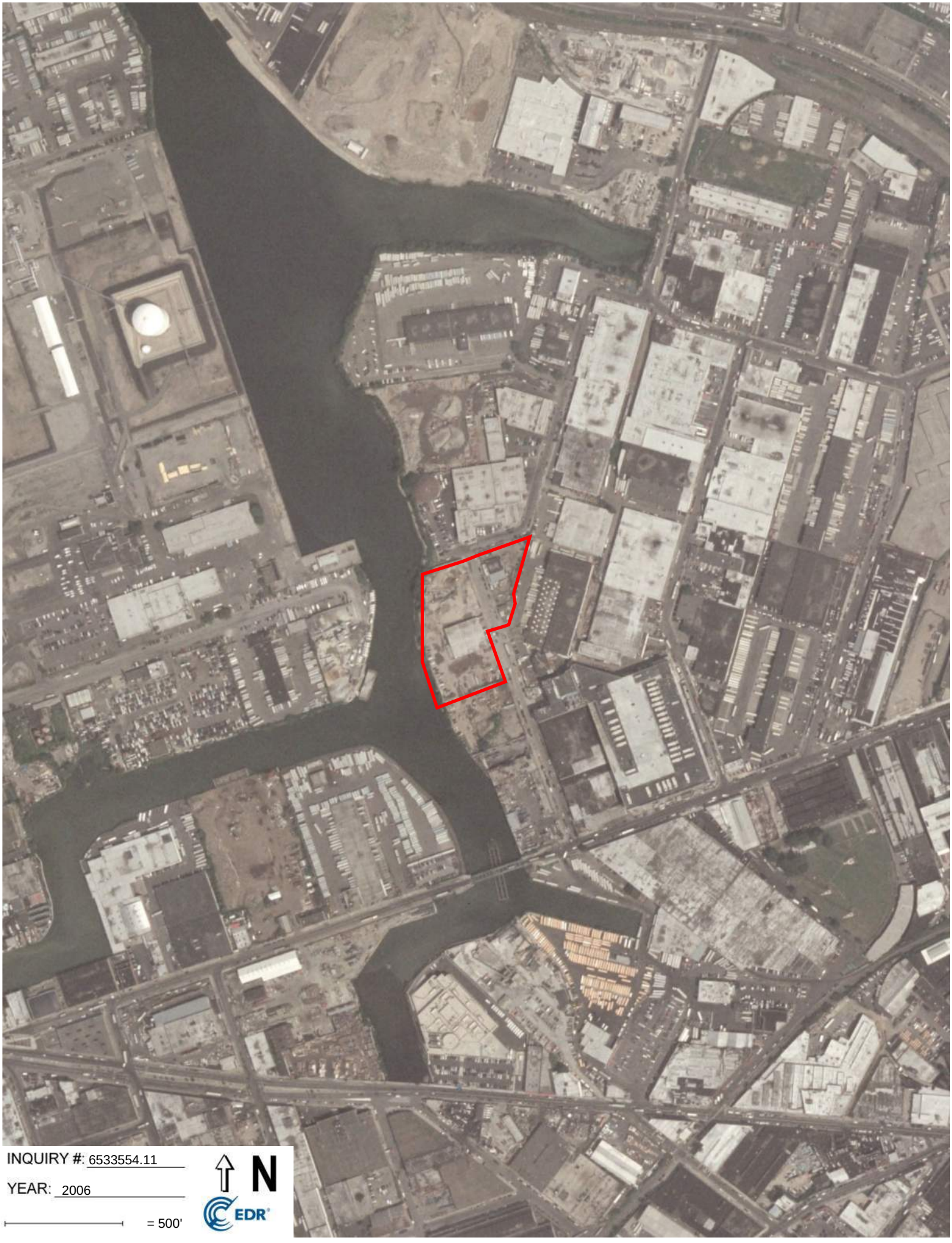
= 500'

N

EDR

INQUIRY #: 6533554.11
YEAR: 2013
= 500'
N
EDR

INQUIRY #: 6533554.11
YEAR: 2009
= 500'
N
EDR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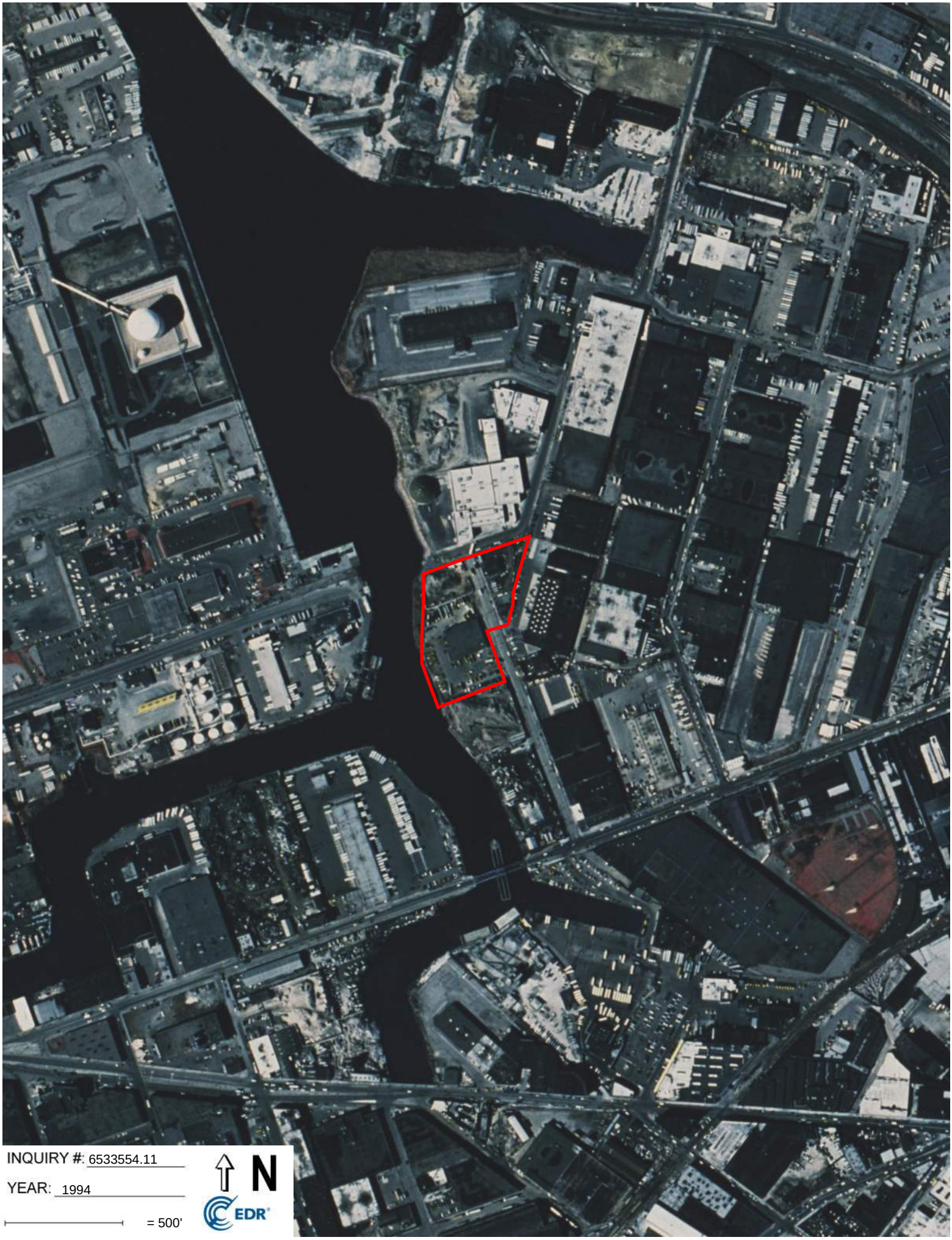
EDR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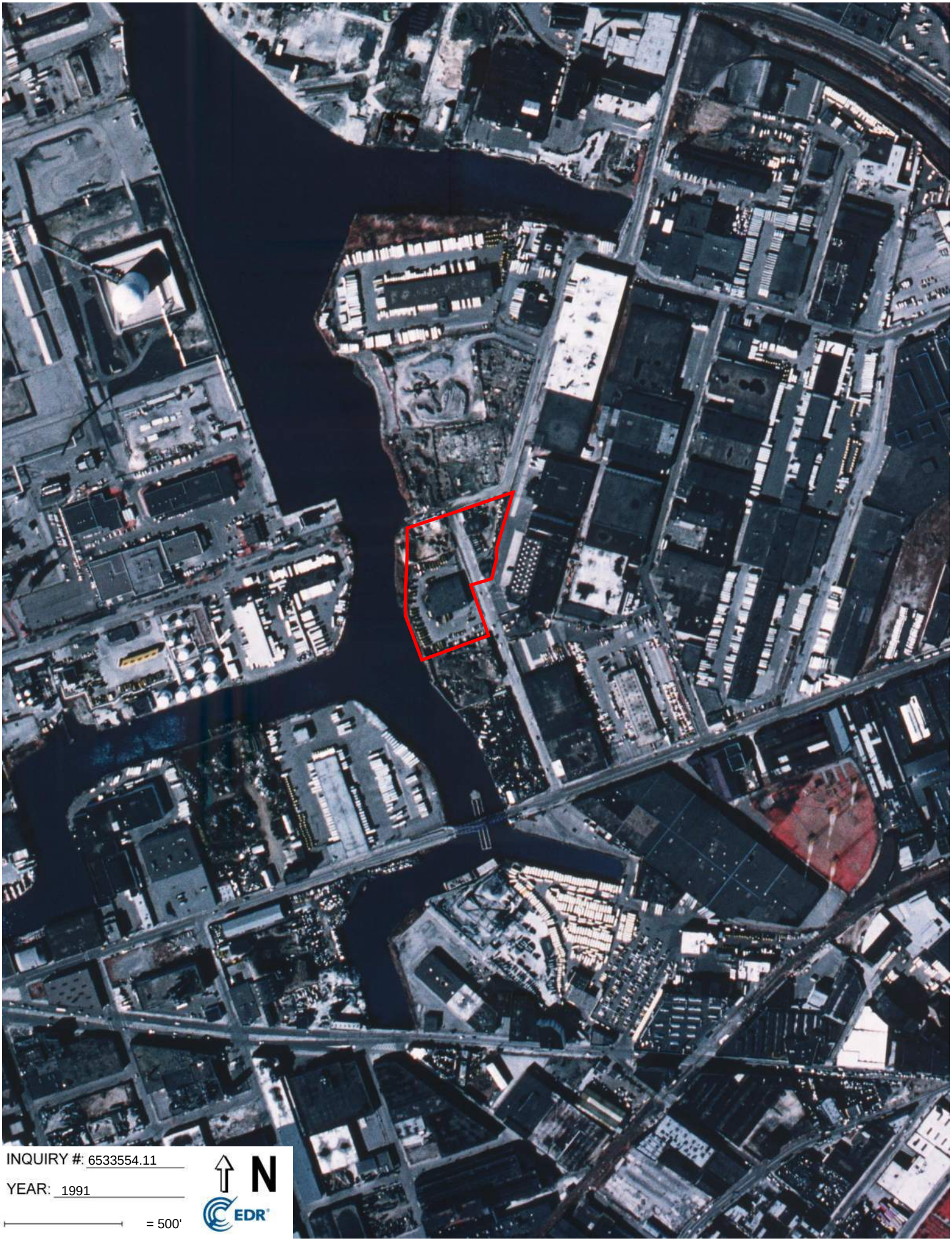
EDR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EDR

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EDR

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YEAR: 1980
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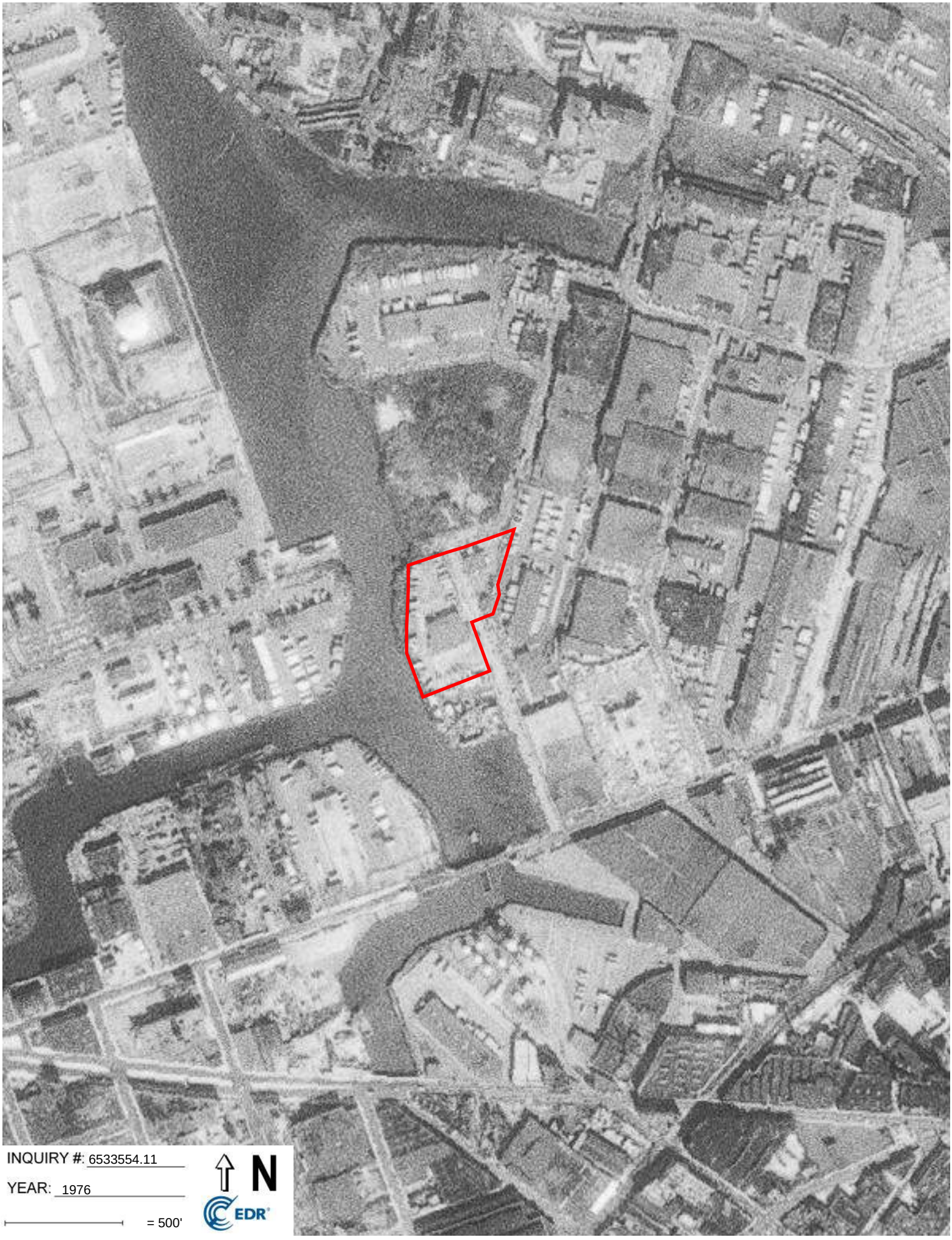
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EDR

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YEAR: 1974
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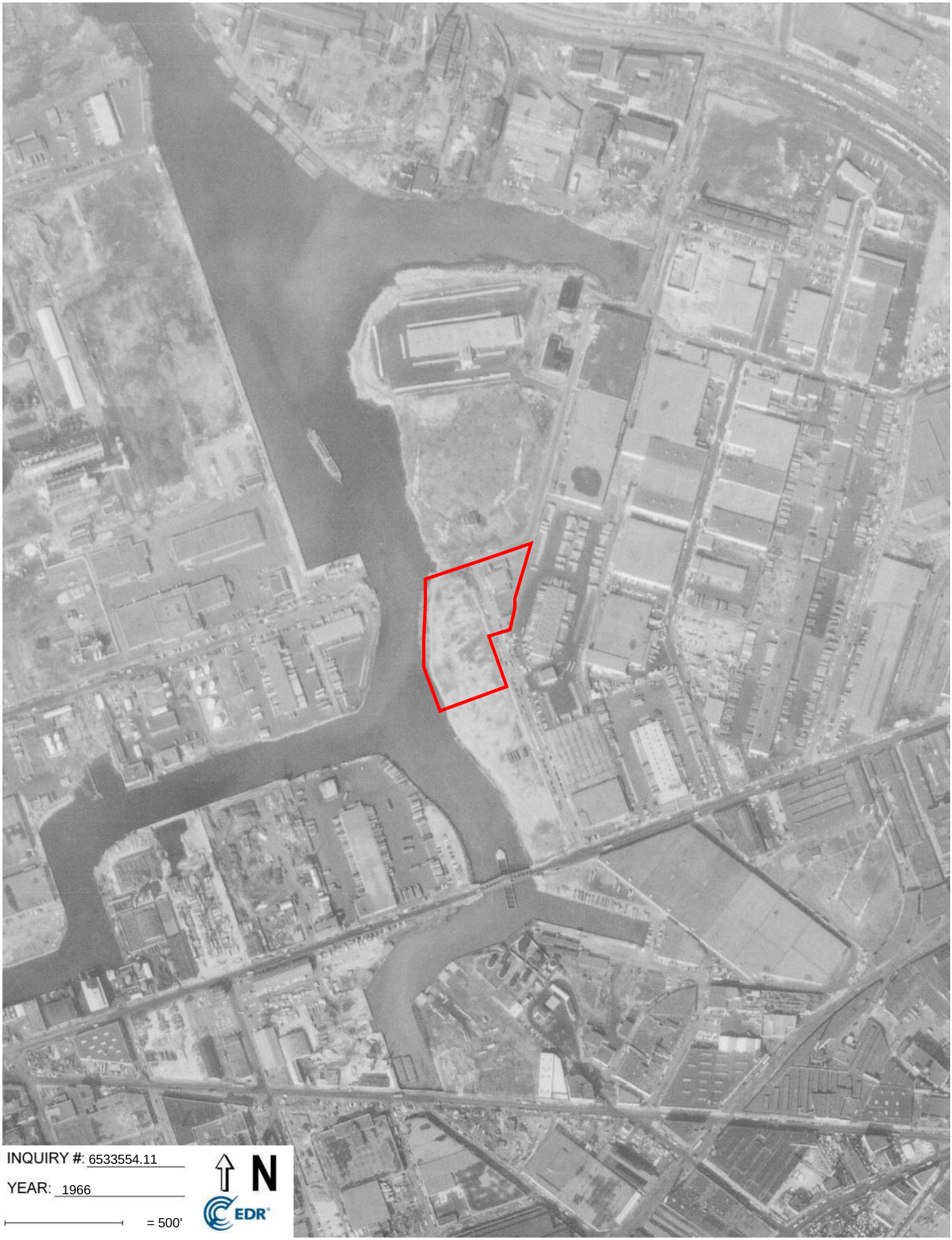
EDR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YEAR: 1966
= 500'
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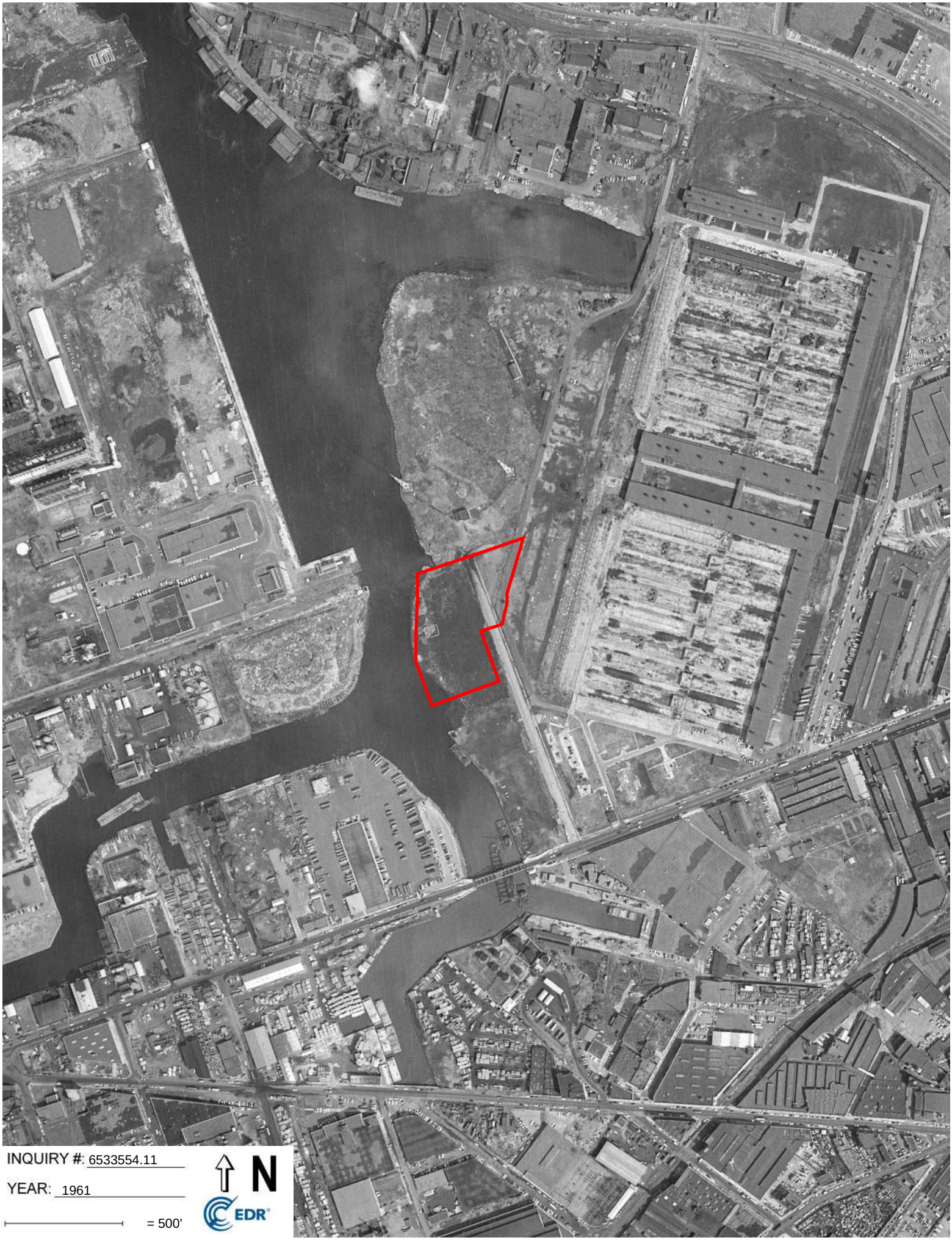
EDR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YEAR: 1961
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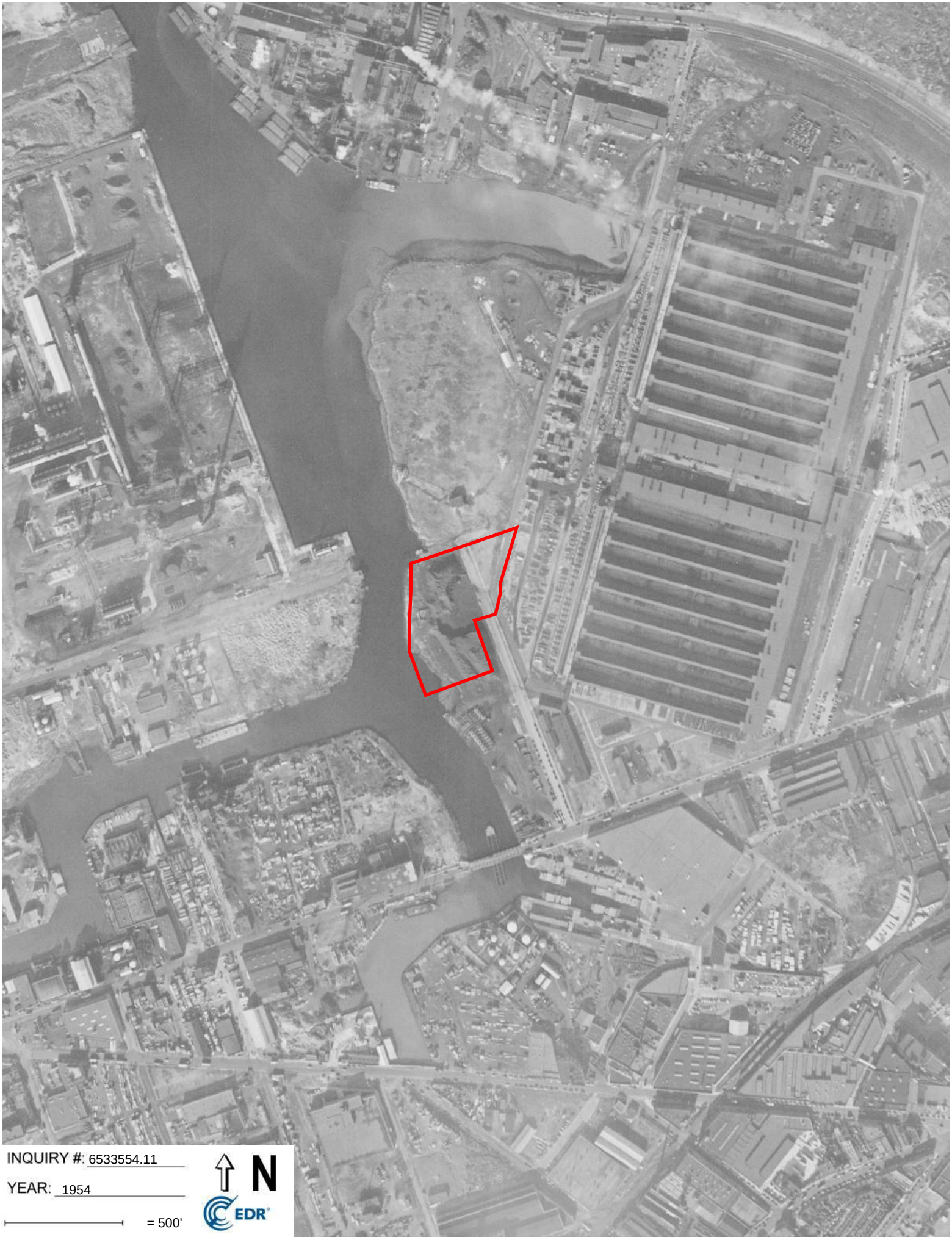
EDR



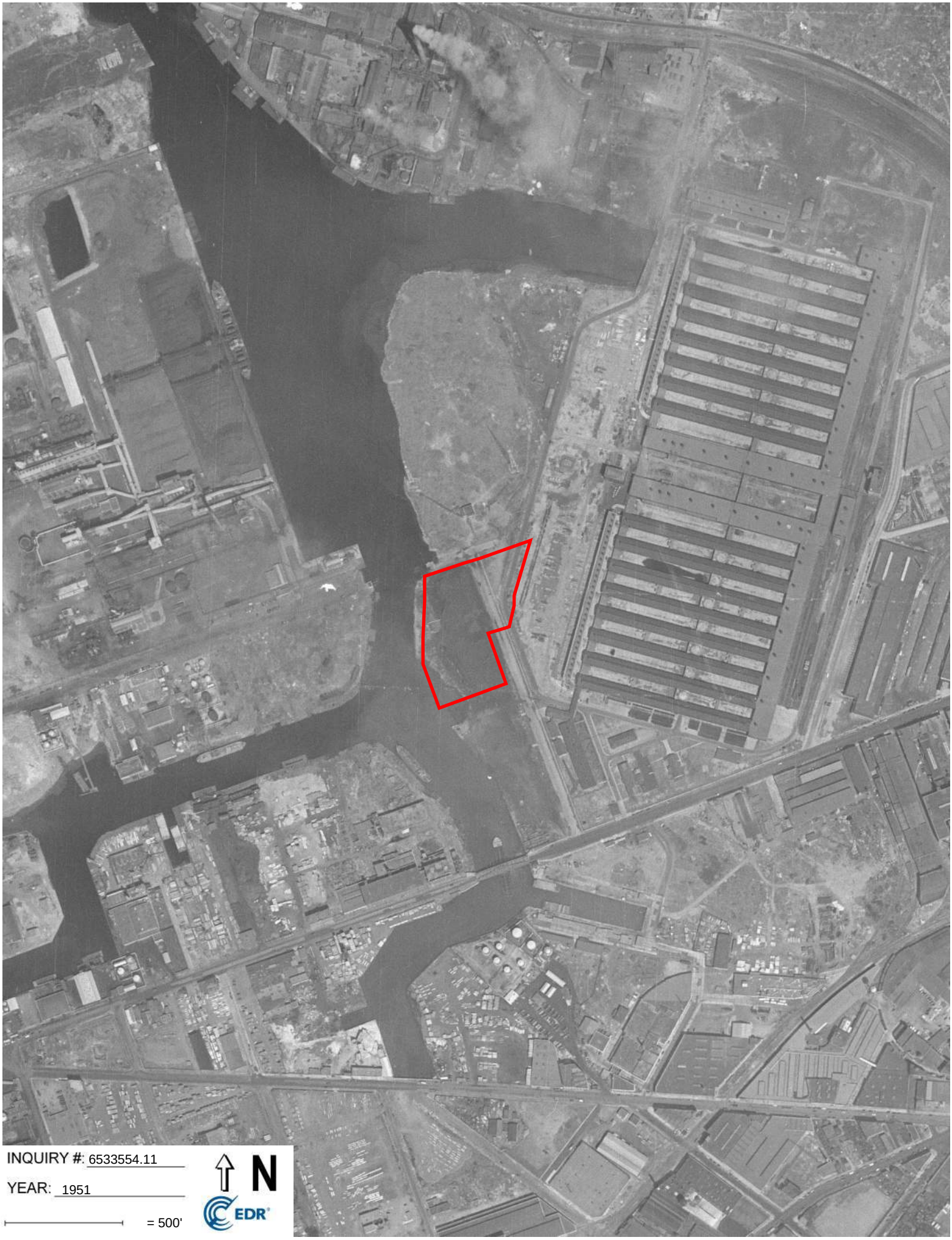
INQUIRY #: 6533554.11

YEAR: 1954

= 500'

N

EDR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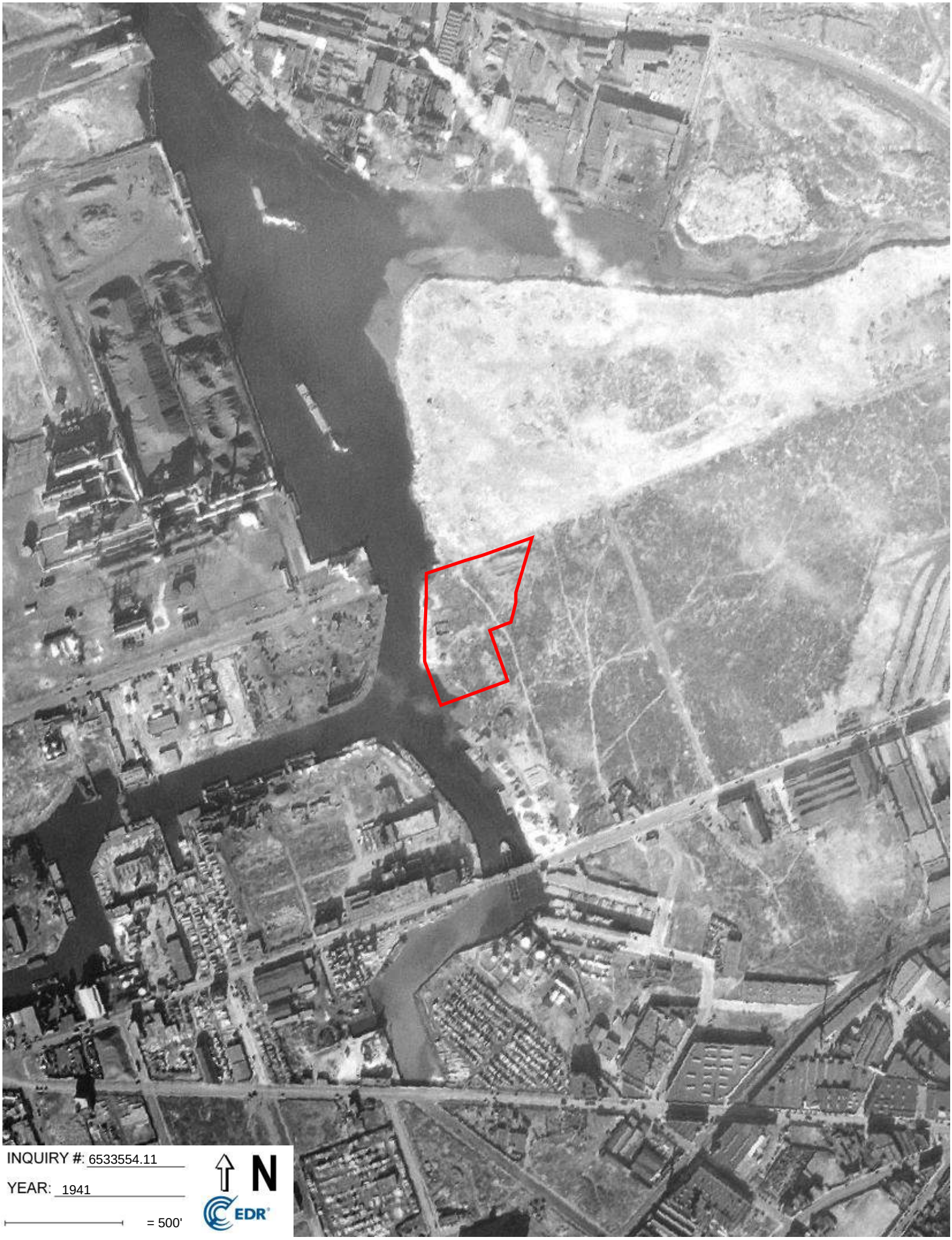
EDR



INQUIRY #: 6533554.11

YEAR: 1941

= 500'

N

EDR

INQUIRY #: 6533554.11

YEAR: 1924

= 500'

N

EDR

Appendix J

Sanborn Fire Insurance Maps

47th Street - Maspeth

5500 47th St

Maspeth, NY 11378

Inquiry Number: 6533554.3

June 14, 2021

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
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Certified Sanborn® Map Report

06/14/21

Site Name:

47th Street - Maspeth
5500 47th St
Maspeth, NY 11378
EDR Inquiry # 6533554.3

Client Name:

Langan Engineering, Inc.
360 W. 31st Street
New York, NY 10001
Contact: Lucy Bevan

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The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # A811-44EE-92F5

PO # 170686701

Project 47th Street - Maspeth

Maps Provided:

2007	1996	1986	1965
2006	1995	1985	1951
2005	1994	1982	1950
2004	1993	1981	1936
2003	1992	1980	1933
2002	1991	1979	1914
2001	1990	1977	1907
1999	1988	1968	1902

Sanborn® Library search results

Certification #: A811-44EE-92F5

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

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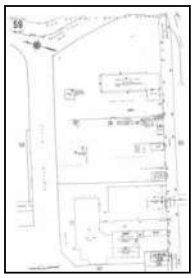
Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

2007 Source Sheets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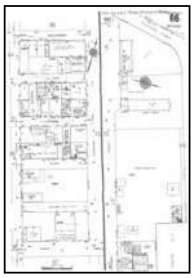
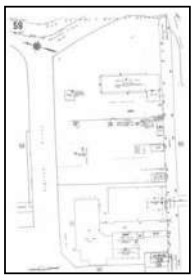
2007


Volume 9, Sheet 66
2007

2006 Source Sheets


Volume 9, Sheet 59
2006

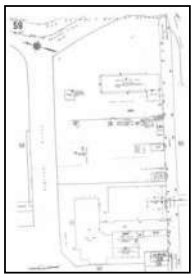
Volume 3, Sheet 110
2006

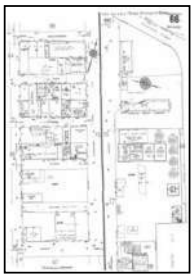
2005 Source Sheets

Volume 3, Sheet 110
2005

Volume 9, Sheet 66
2005

2004 Source Sheets


Volume 9, Sheet 59
2004


Volume 9, Sheet 66
2004

Volume 3, Sheet 110
2004

Sanborn Sheet Key

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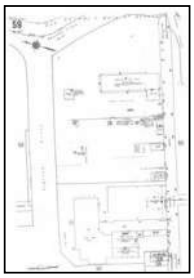
2003 Source Sheets

Volume 3, Sheet 110
2003


Volume 9, Sheet 59
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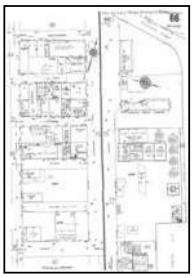
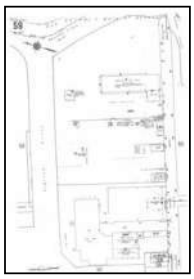
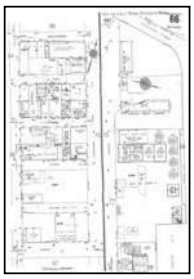

Volume 9, Sheet 66
2003

2002 Source Sheets


Volume 9, Sheet 59
2002


Volume 9, Sheet 66
2002

Volume 3, Sheet 110
2002

2001 Source Sheets

Volume 3, Sheet 110
2001

1999 Source Sheets

Volume 3, Sheet 110
1999

Sanborn Sheet Key

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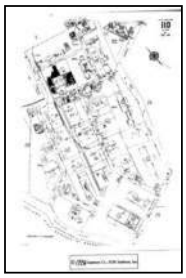
1996 Source Sheets



Volume 3, Sheet 110
1996

1995 Source Sheets

Volume 3, Sheet 110
1995

1994 Source Sheets

Volume 3, Sheet 110
1994

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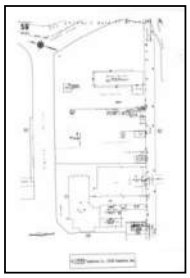
1994

1993 Source Sheets



Volume 9, Sheet 59
1993-Jan

Volume 9, Sheet 66
1993-Jan

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1993 Source Sheets

Volume 9, Sheet 66
1993-Dec

Volume 3, Sheet 110
1993

1992 Source Sheets

Volume 3, Sheet 110
1992

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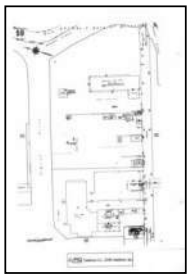
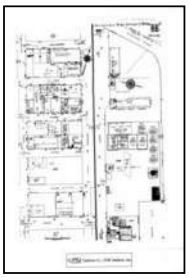
1992

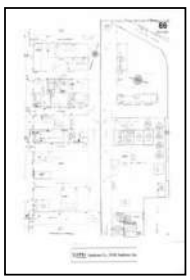


Volume 9, Sheet 59
1992



Volume 9, Sheet 66
1992

1991 Source Sheets



Volume 9, Sheet 66
1991

Volume 3, Sheet 110
1991

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1990 Source Sheets

Volume 3, Sheet 110
1990

1988 Source Sheets

Volume 3, Sheet 110
1988

1986 Source Sheets

Volume 3, Sheet 110
1986

1985 Source Sheets

Volume 3, Sheet 110
1985

Sanborn Sheet Key

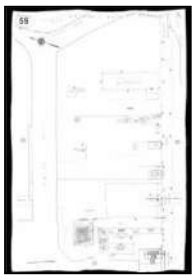
This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1982 Source Sheets

Volume 3, Sheet 110
1982

Volume 9, Sheet 66
1982

1981 Source Sheets



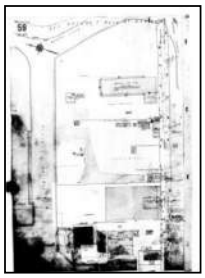
Volume 9, Sheet 59
1981

Volume 9, Sheet 66
1981

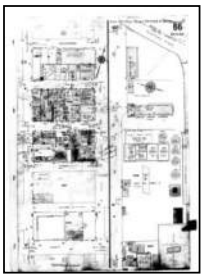
1980 Source Sheets

Volume 3, Sheet 110
1980

1979 Source Sheets



Volume 9, Sheet 59
1979

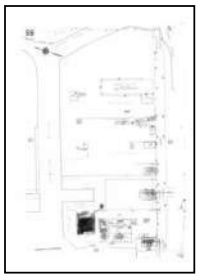


Volume 9, Sheet 66
1979

Sanborn Sheet Key

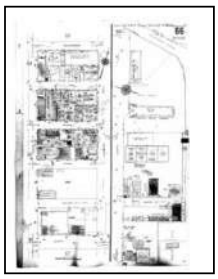
This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1977 Source Sheets



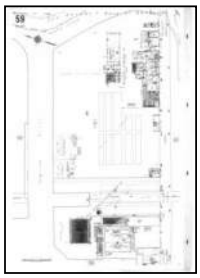
Volume 9, Sheet 59
1977

1968 Source Sheets



Volume 9, Sheet 66
1968

1951 Source Sheets

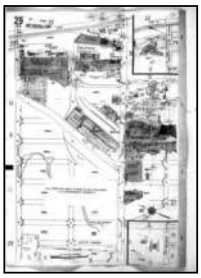


Volume 9, Sheet 59
1951

Volume 9, Sheet 66
1951

1950 Source Sheets

Volume 3, Sheet 6
1950

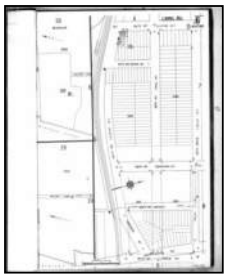


Volume 3, Sheet 29
1950

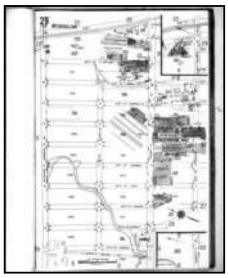
Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1936 Source Sheets

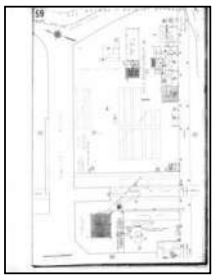


Volume 3, Sheet 6
1936

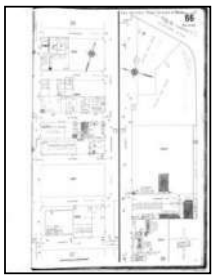


Volume 3, Sheet 29
1936

1933 Source Sheets



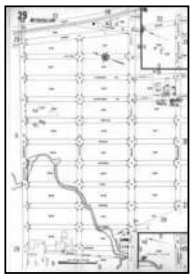
Volume 9, Sheet 59
1933



Volume 9, Sheet 66
1933

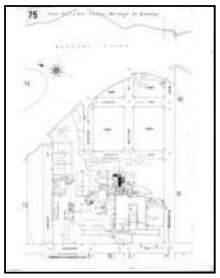
1914 Source Sheets

Volume 3, Sheet 6
1914



Volume 3, Sheet 29
1914

1907 Source Sheets



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1907

Volume 9, Sheet 82
1907

Sanborn Sheet Key

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1902 Source Sheets

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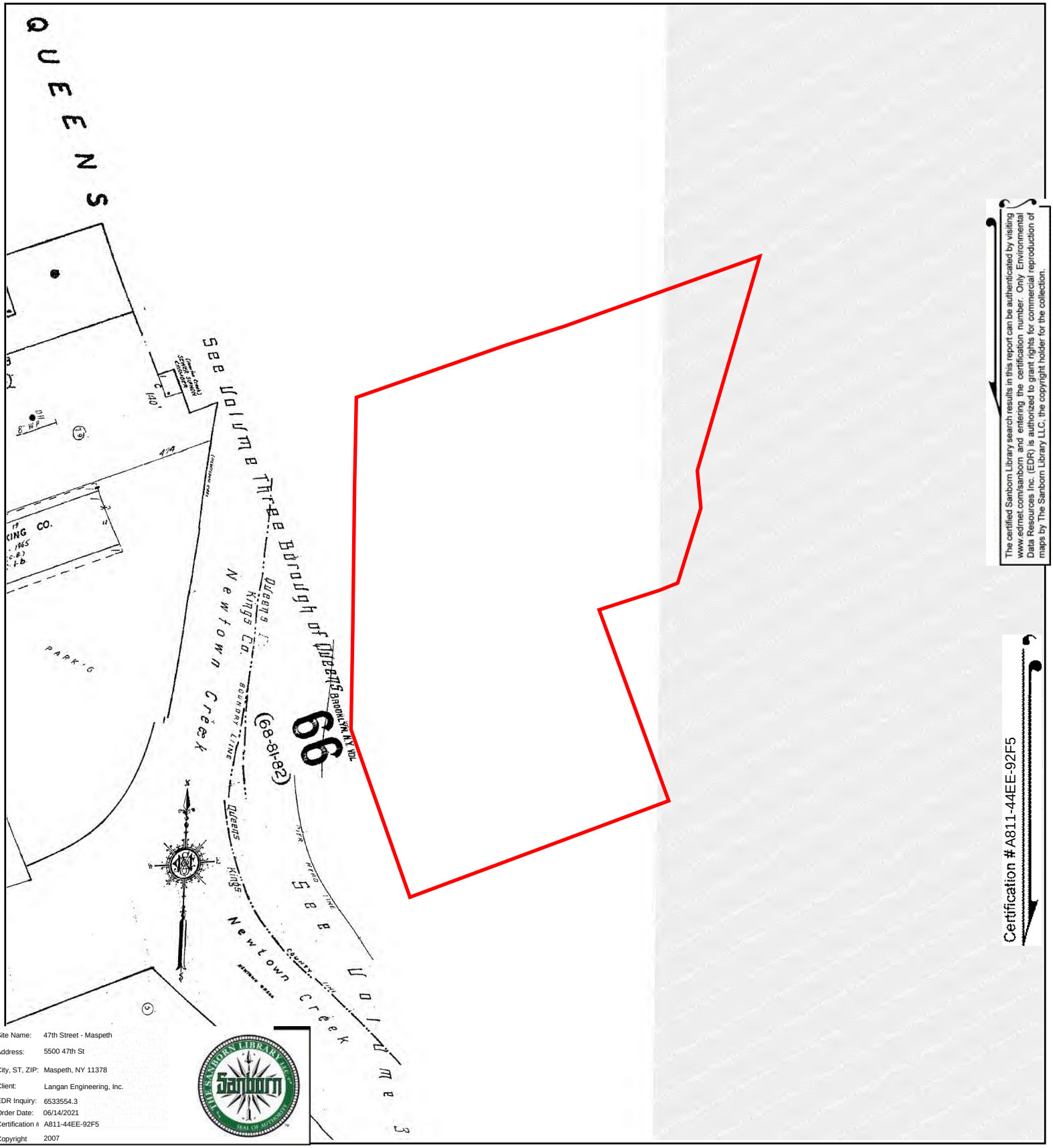
1902

Volume 3, Sheet 41
1902


QUEENS
Sea Cliff
Glen Head
Glenwood Landing
Roslyn Harbor
Roslyn
Roslyn Estates
Roslyn Heights
Flower Hill
Manorhaven
Port Washington North
Port Washington
Sands Point
Harbor Hills
Westbury
Old Westbury
Carle Place
Mineola
Williston Park
New Hyde Park
Garden City
Garden City Park
Garden City South
Hempstead
Uniondale
Roosevelt
Freeport
Baldwin
Baldwin Harbor
Merrick
Bellmore
North Bellmore
Wantagh
Seaford
Massapequa
Massapequa Park
Amityville
East Amityville
Copiague
Lindenhurst
Babylon
North Babylon
West Babylon
Deer Park
Brentwood
Central Islip
Hauppauge
Commack
Smithtown
Kings Park
St. James
Nissequogue
Head of the Harbor
Stony Brook
Setauket-East Setauket
Old Field
Port Jefferson
Mount Sinai
Miller Place
Rocky Point
Shoreham
Wading River
Manorville
Eastport
Speonk
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Bridgehampton
Sagaponack
Water Mill
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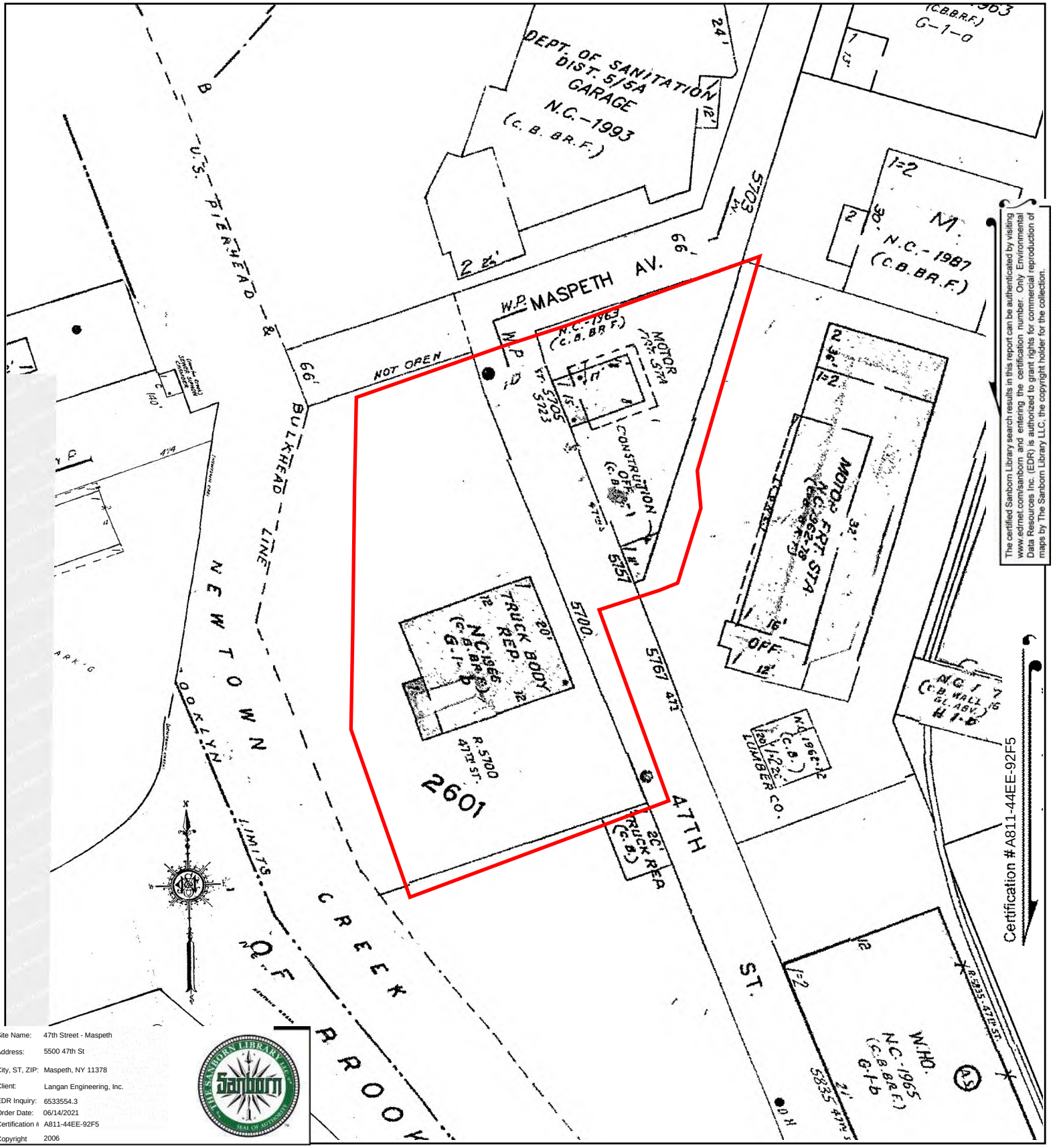

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Certification #A811-44EE-92F5

Site Name:	47th Street - Maspeth
Address:	5500 47th St
City, ST, ZIP:	Maspeth, NY 11378
Client:	Langan Engineering, Inc.
EDR Inquiry:	6533554.3
Order Date:	06/14/2021
Certification #	A811-44EE-92F5
Copyright	2006

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Outlined areas indicate map sheets within the collection.

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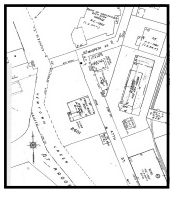
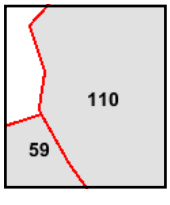
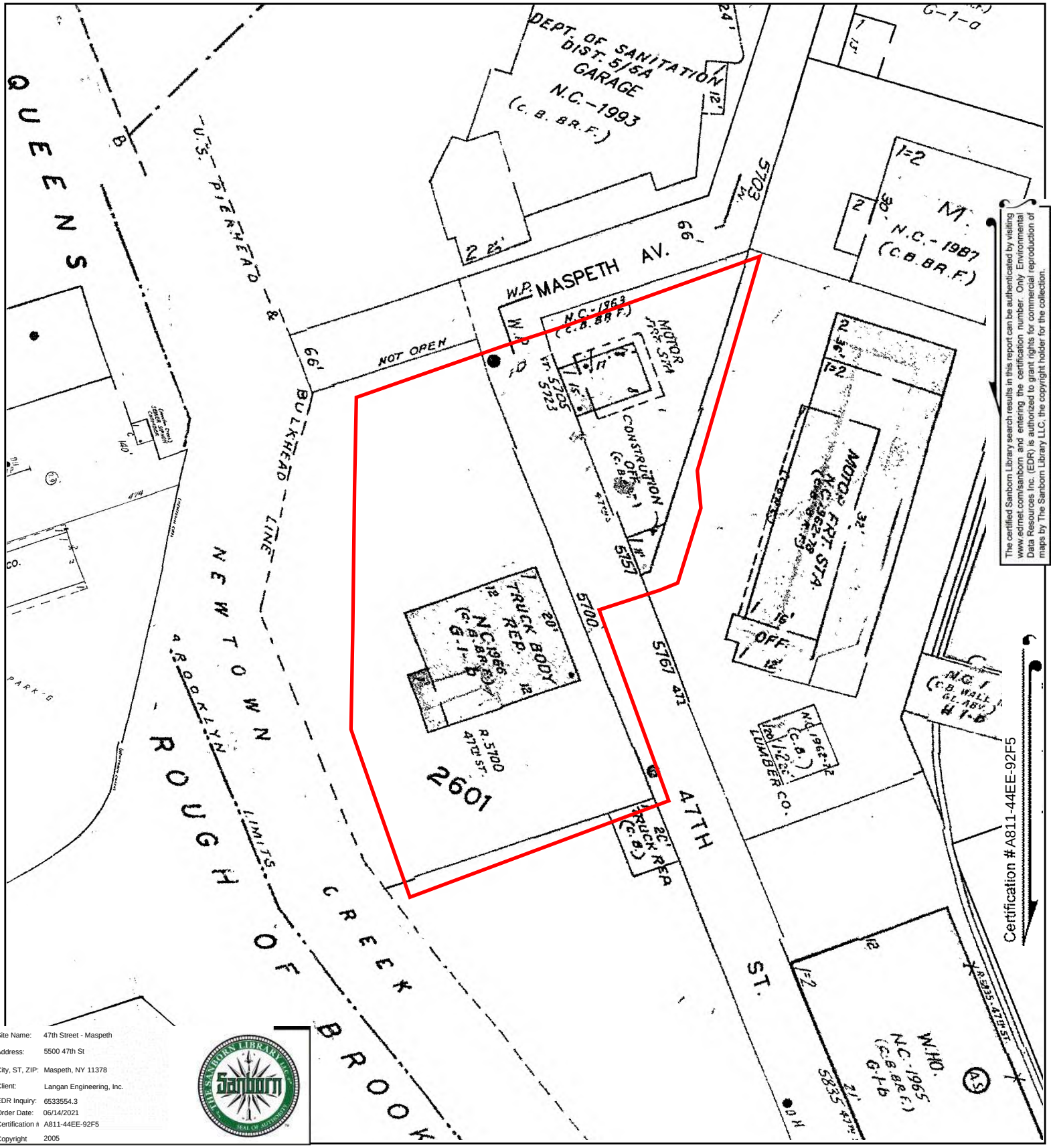




Volume 3, Sheet 110
Volume 9, Sheet 59

N



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Certification #	A811-44EE-92F5
Copyright	2005

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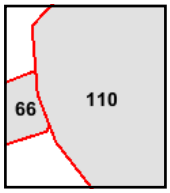

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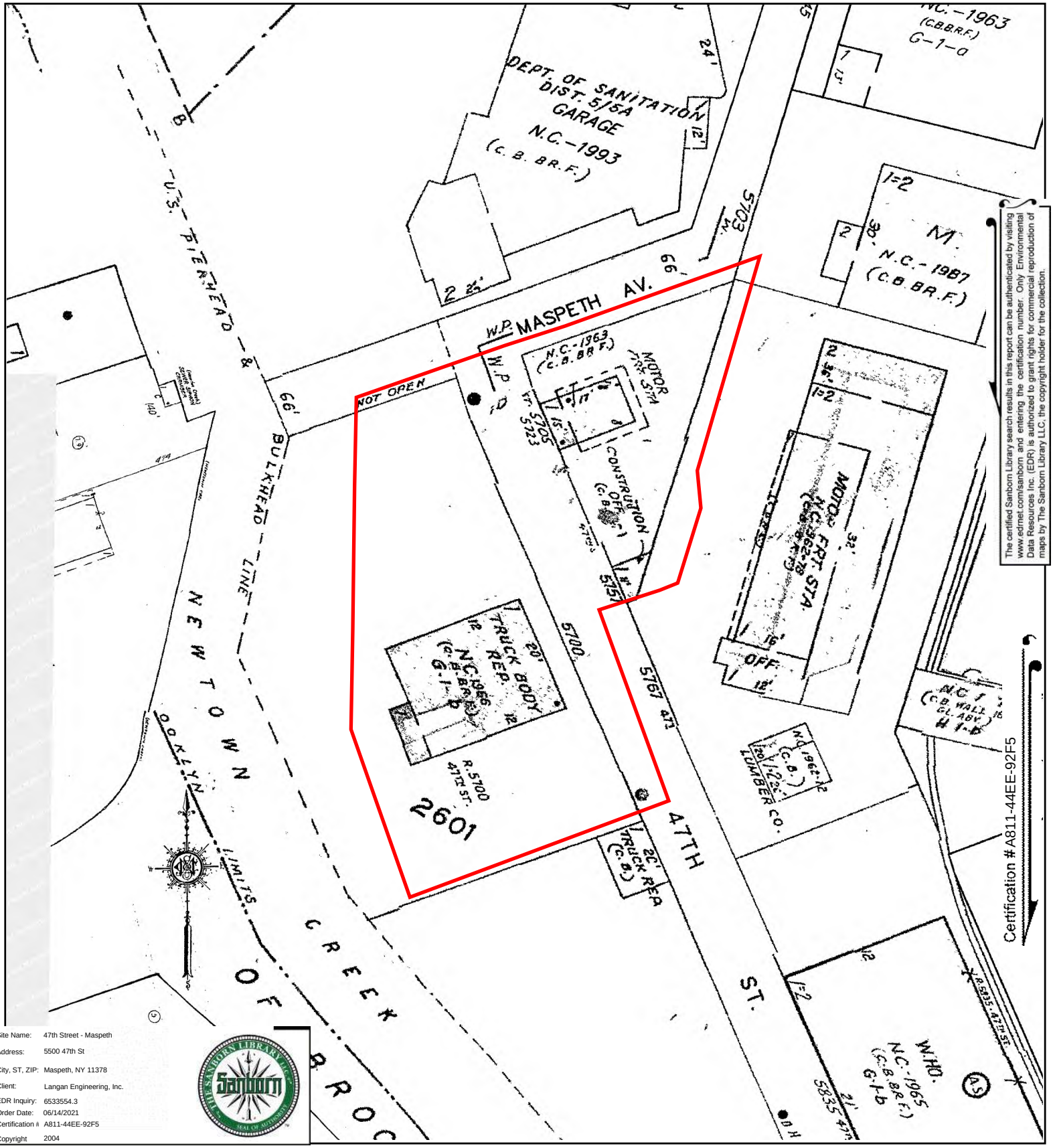
Volume 3, Sheet 110

N



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Certification #	A811-44EE-92F5
Copyright	2004

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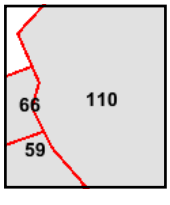

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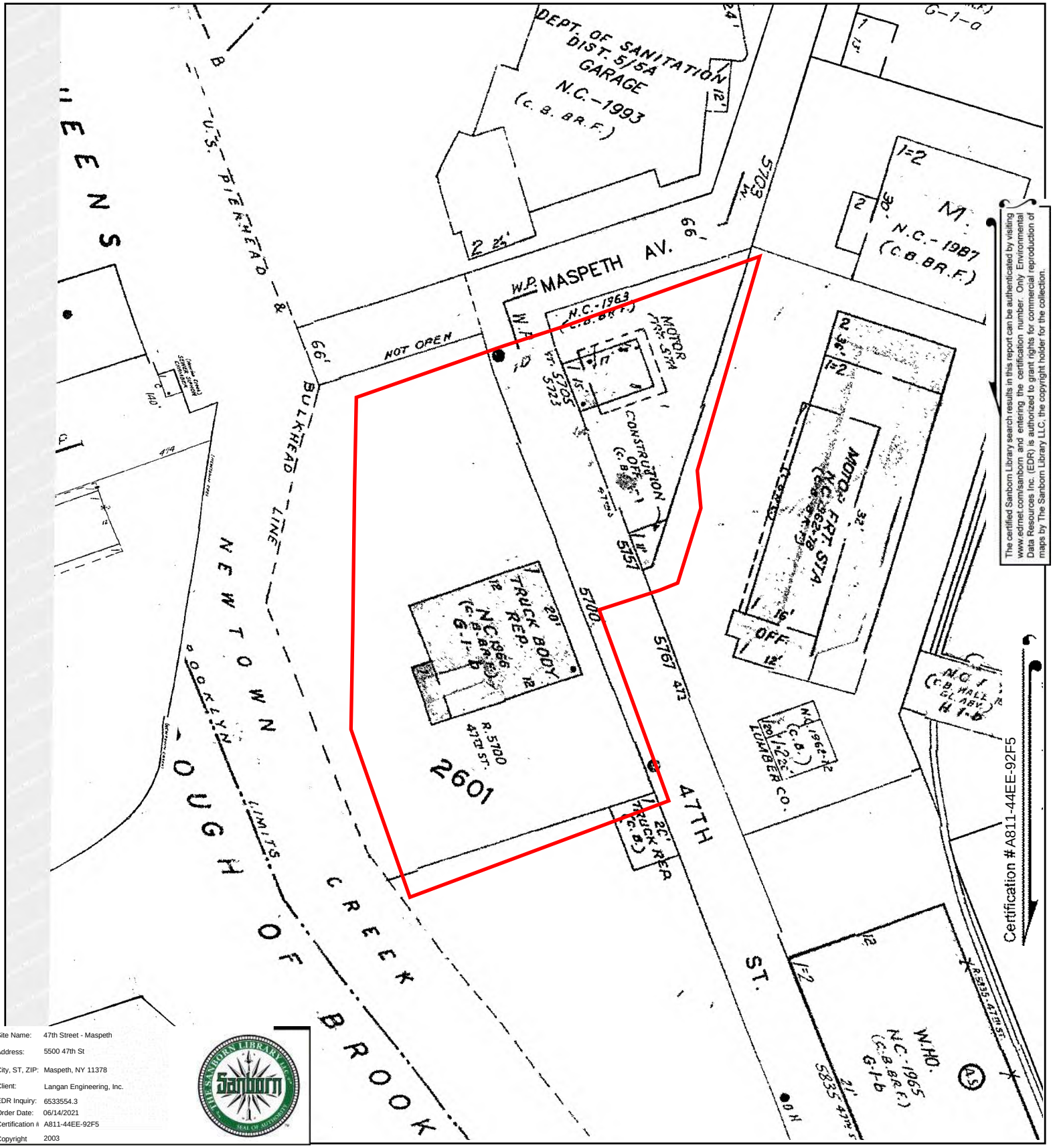
Volume 9, Sheet 59

N



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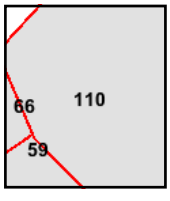

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Volume 9, Sheet 59
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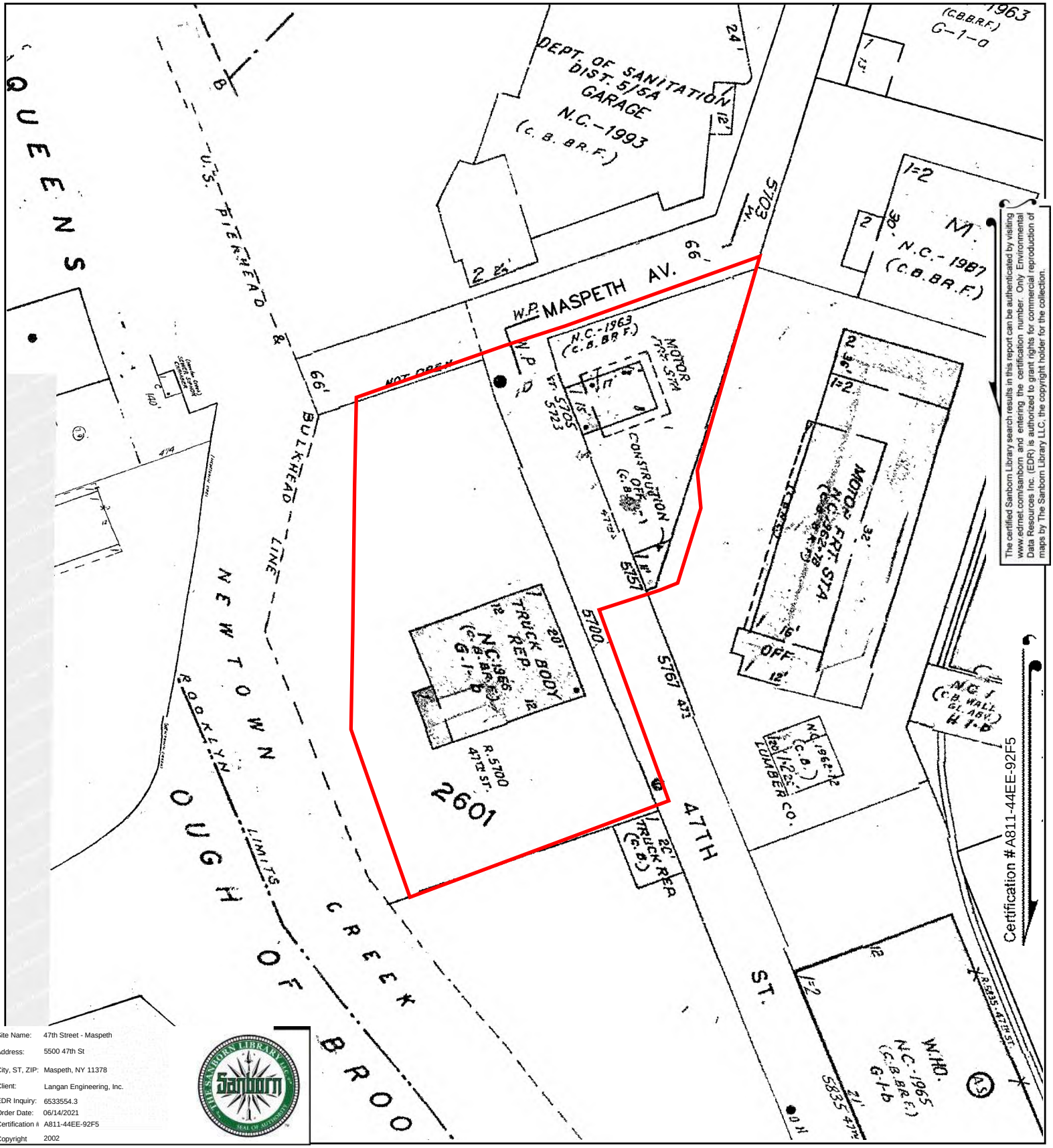

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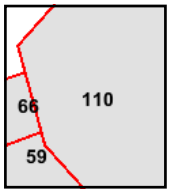

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Volume 9, Sheet 66
Volume 9, Sheet 59

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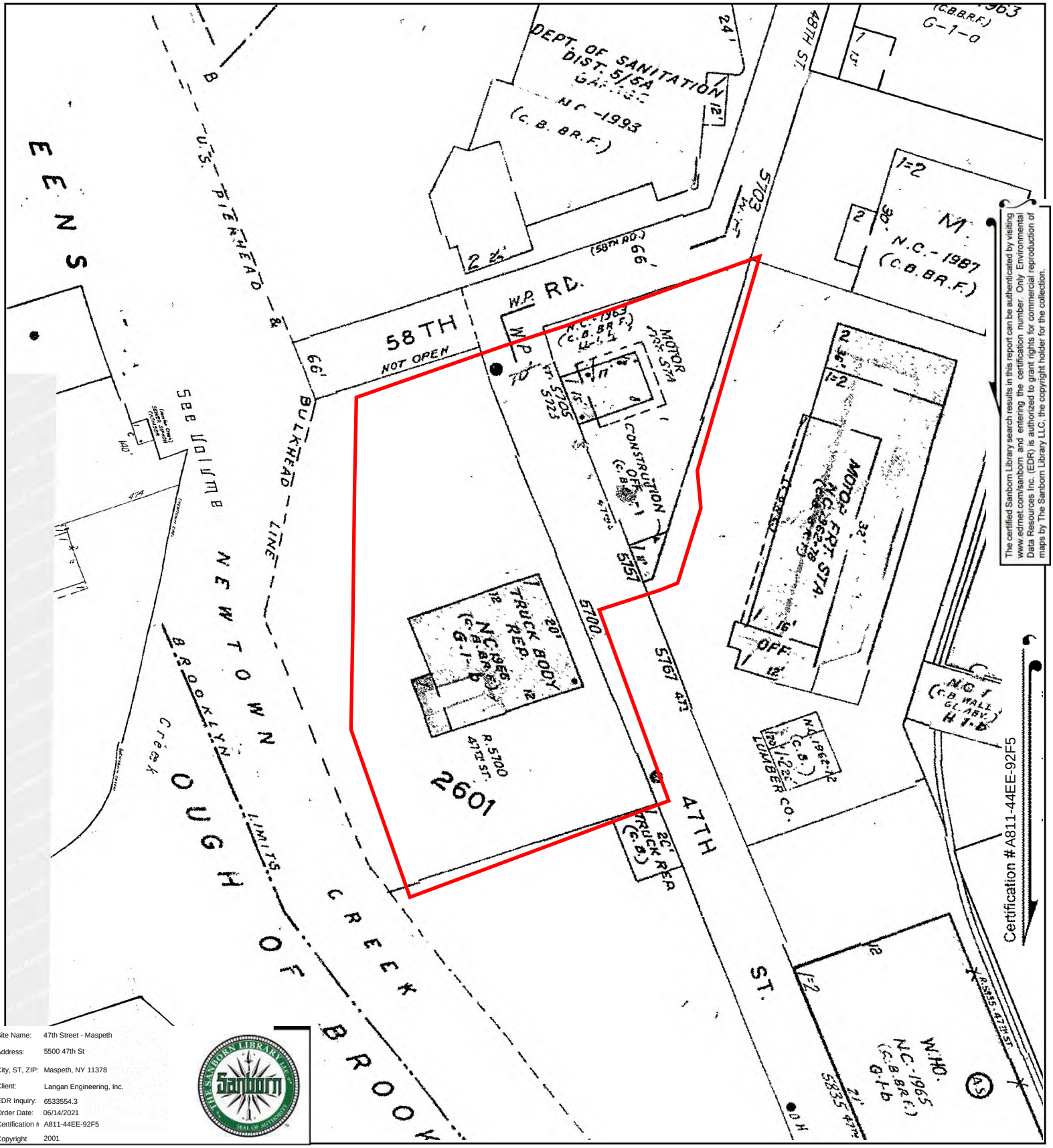

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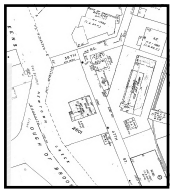

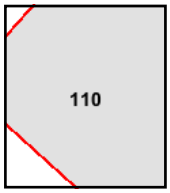

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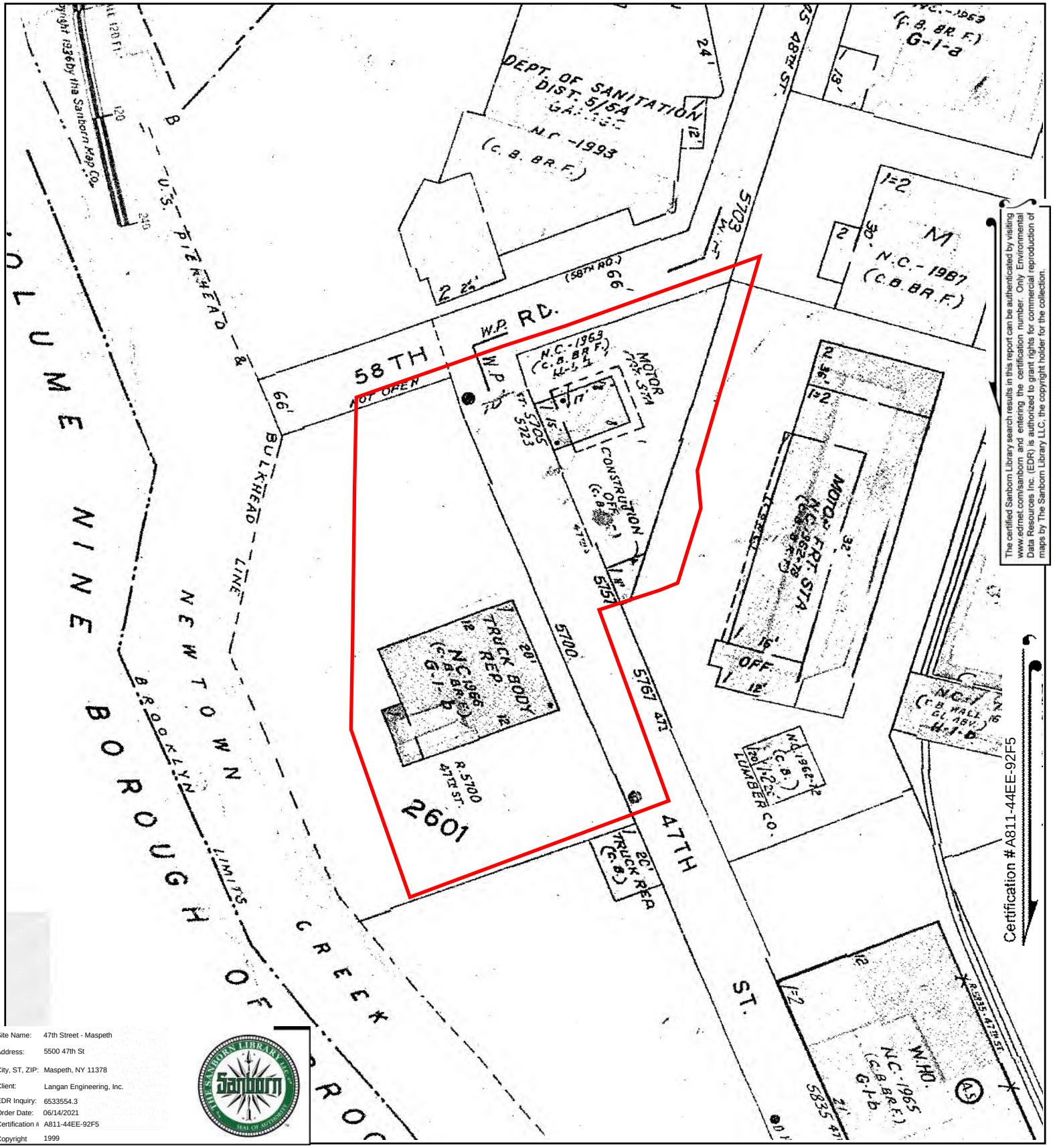

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110

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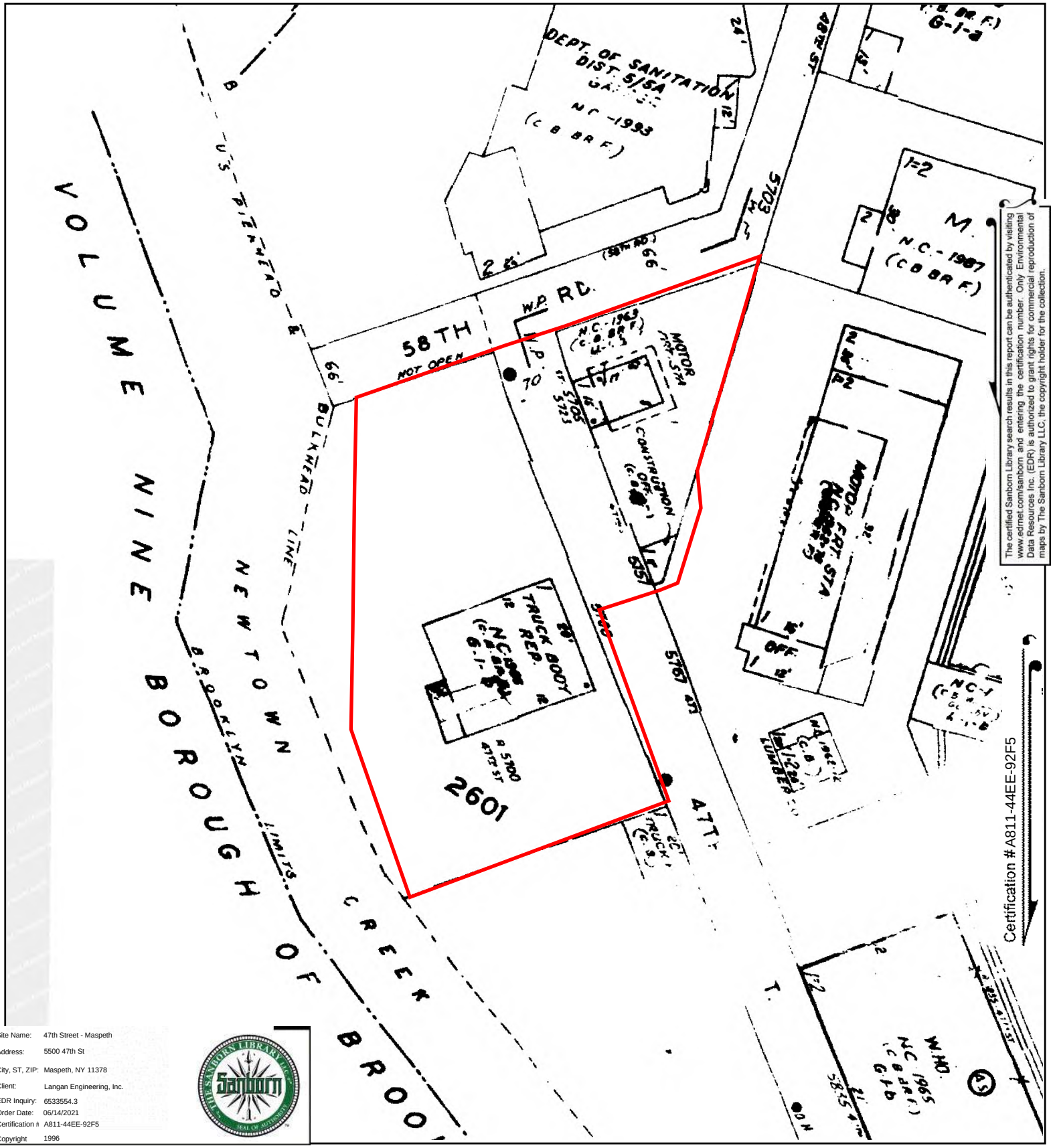

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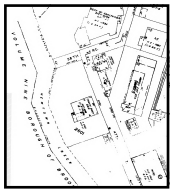

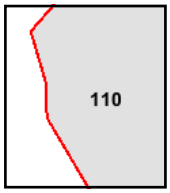

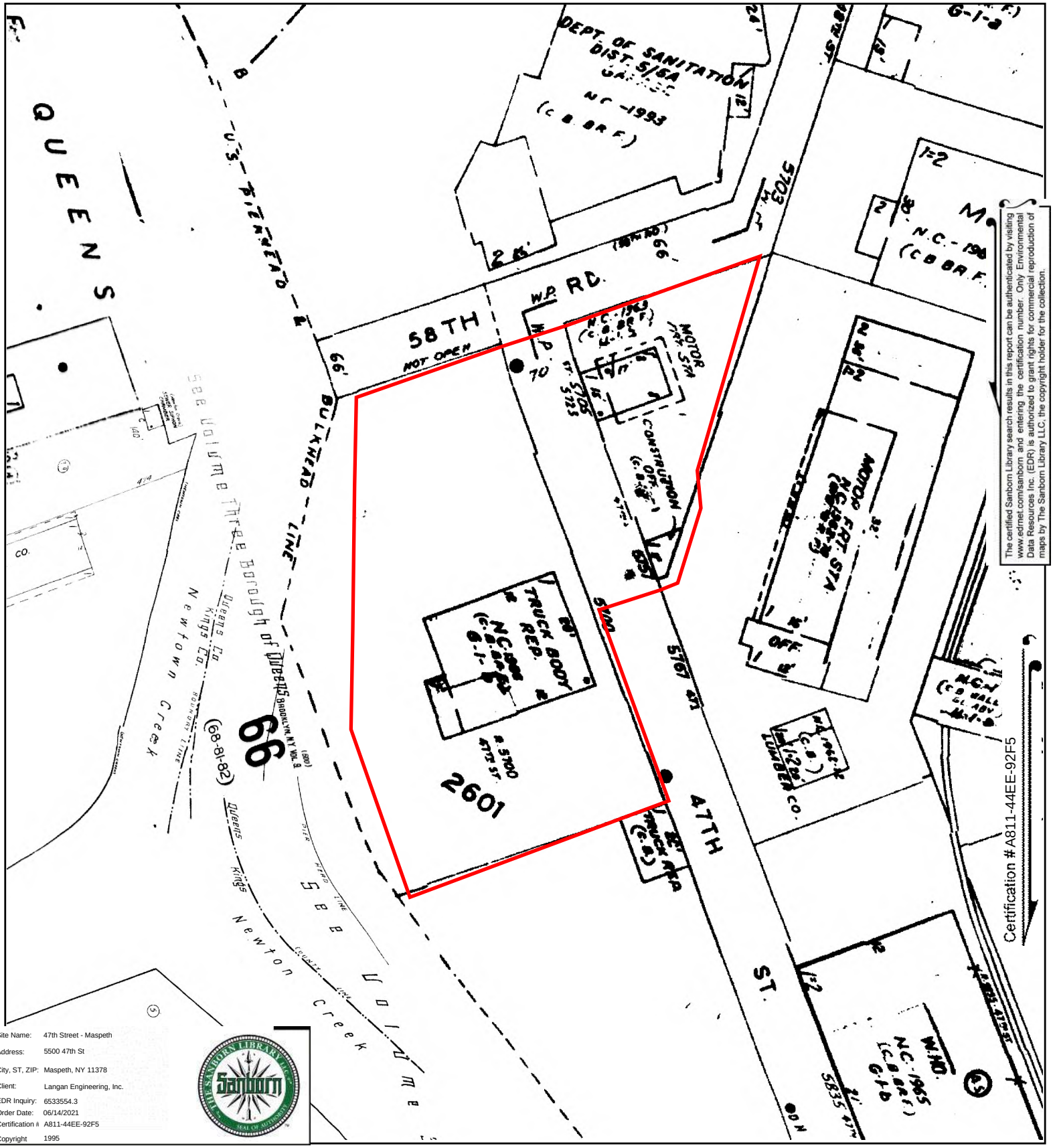

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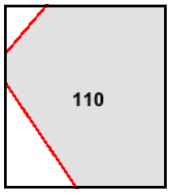

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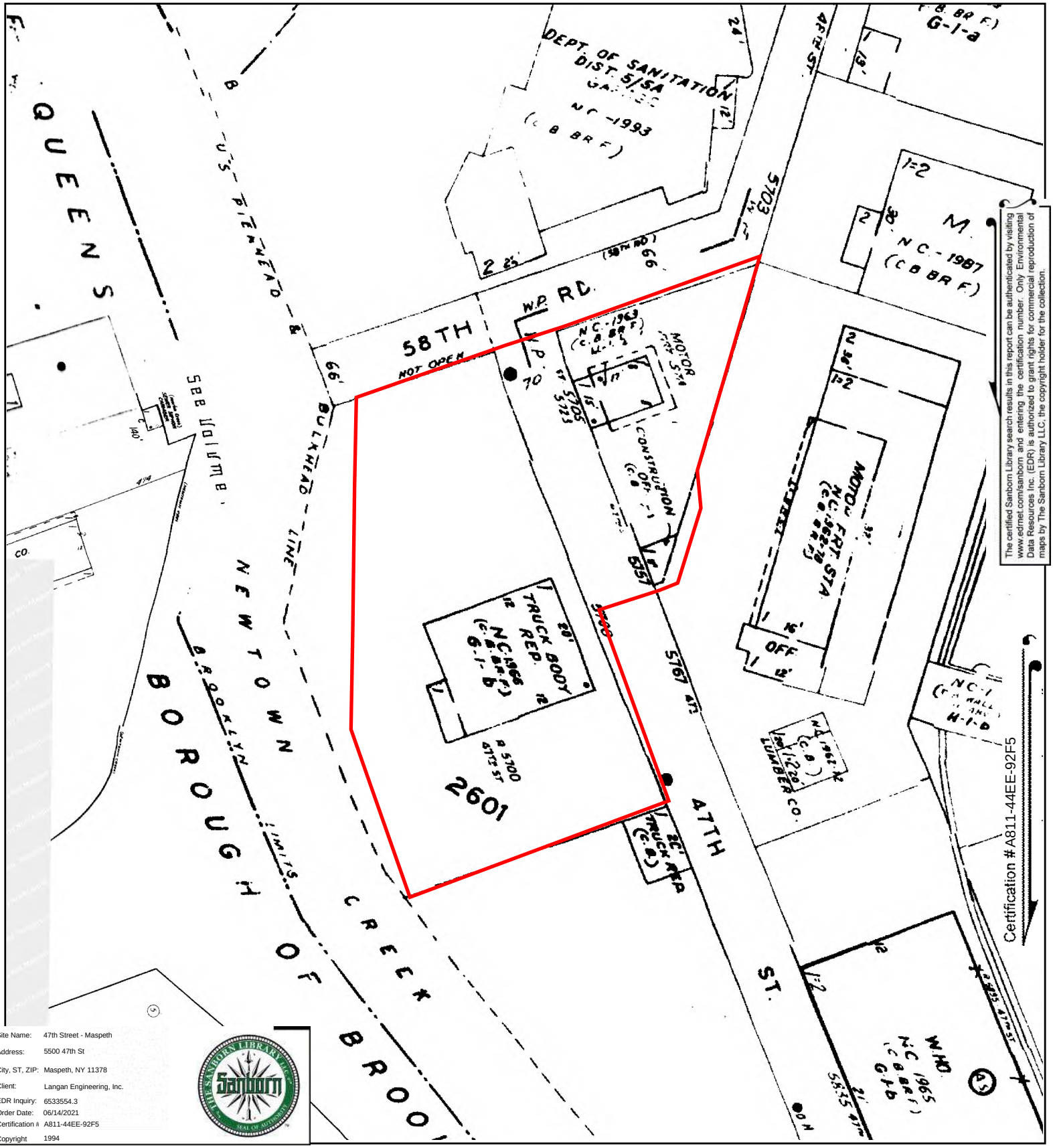

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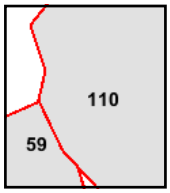

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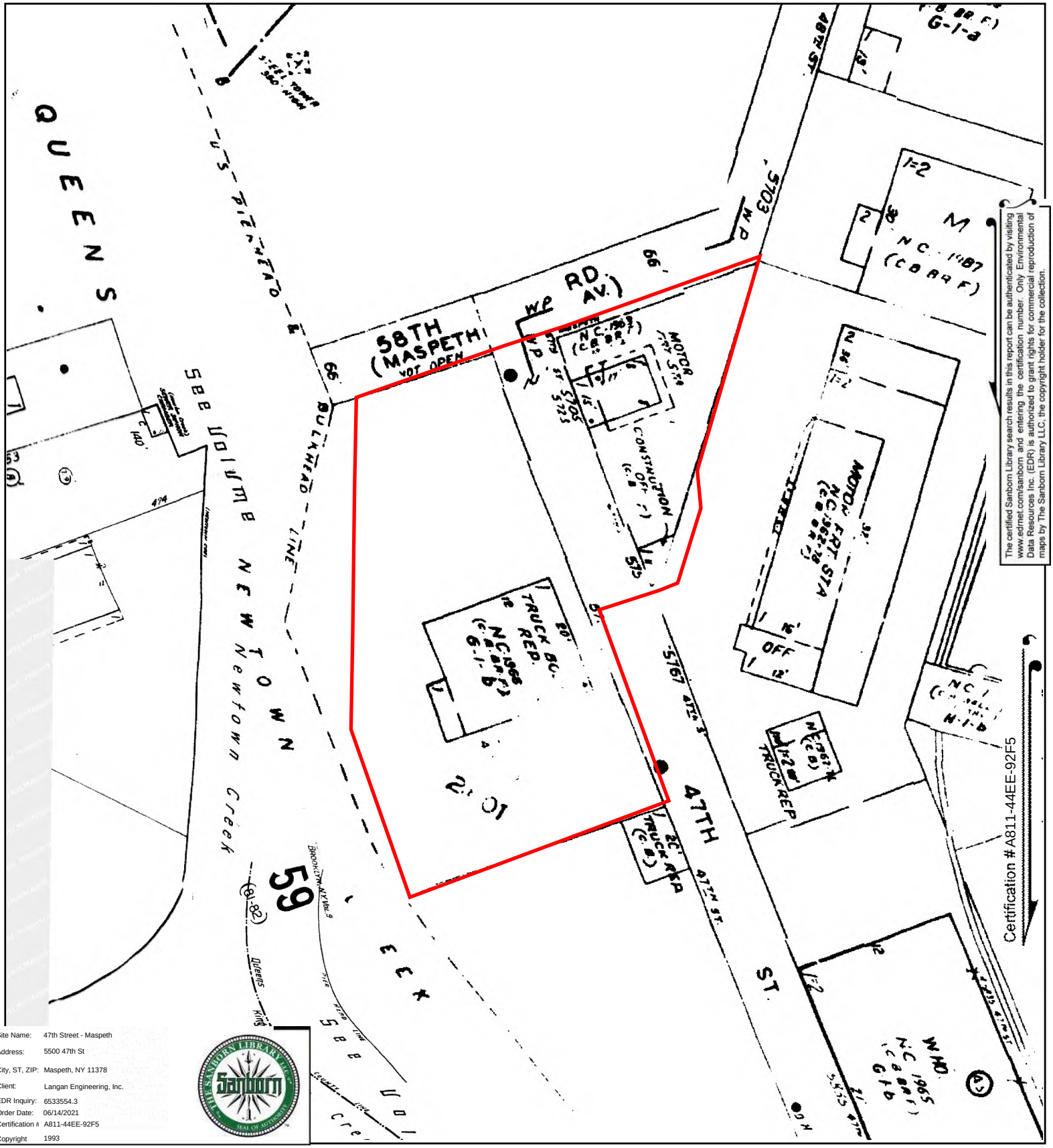

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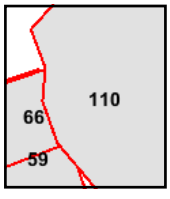

Volume 3, Sheet 110
Volume 9, Sheet 66
Volume 9, Sheet 66
Volume 9, Sheet 59

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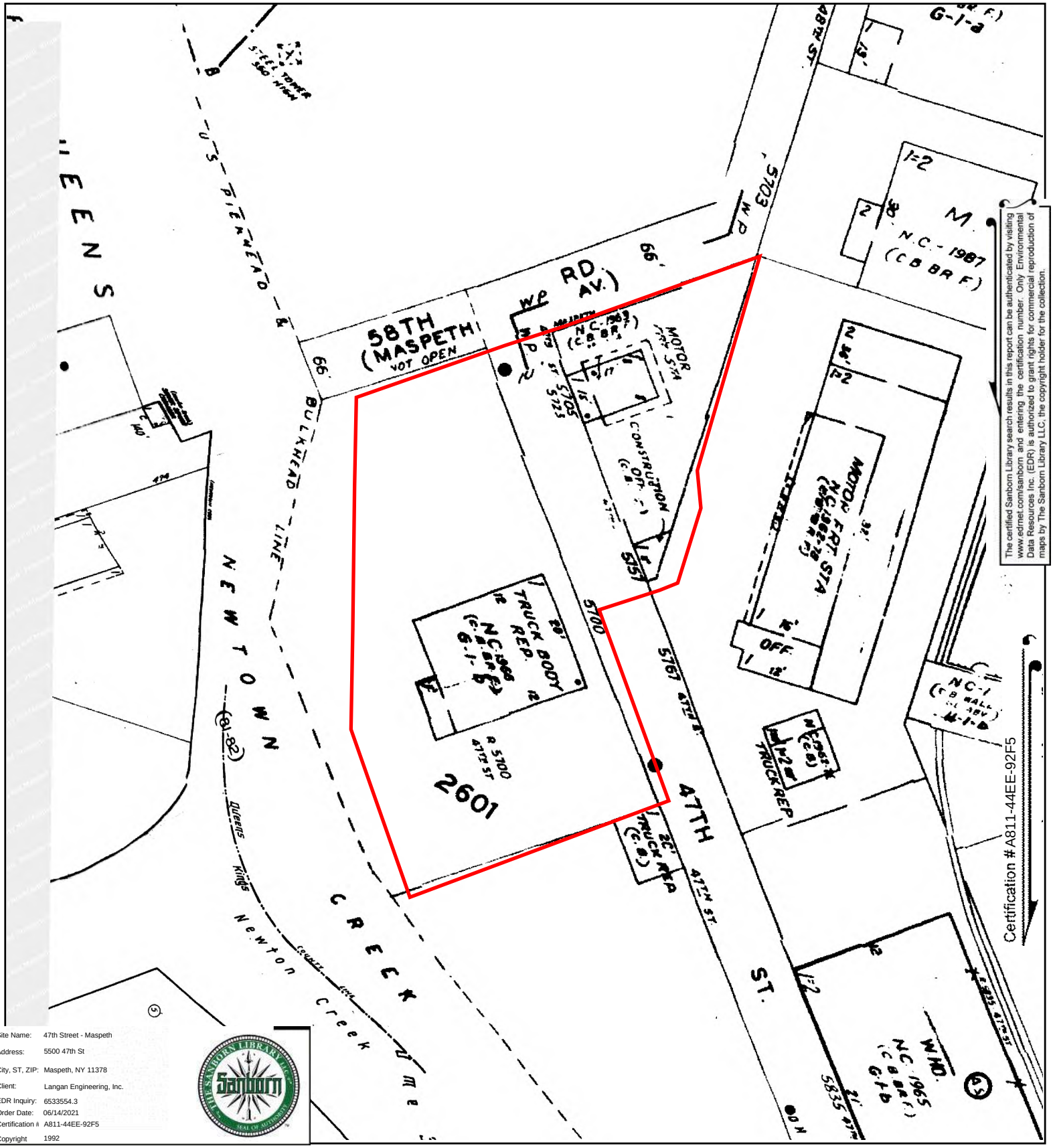
58TH (MASPETH) NOT OPEN
RD AV.)
66'
5703 M P
BULKHEAD LINE
U.S. PIERHEAD
NEWTOWN CREEK
Queens
Newtown Creek
47TH ST.
47TH ST
5700
5767
5835
2601
28' TRUCK BODY REP.
MOTOR VEH. SVS.
CONSTRUCTION OFF.
OFF.
WHO.
N.C. - 1987
(C B BR F)
N.C. - 1965
(C B BR F)
N.C. - 1966
(C B BR F)
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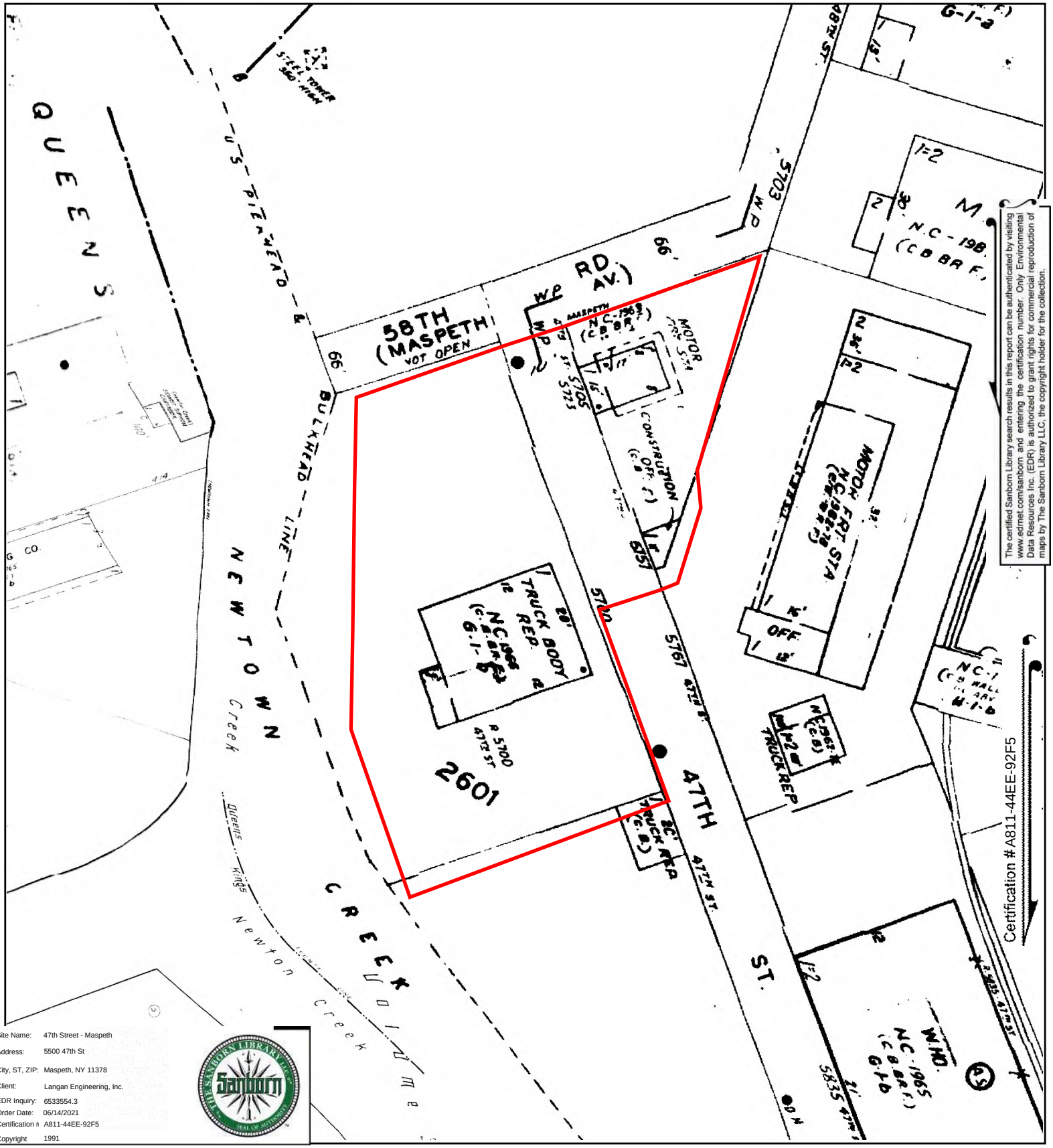

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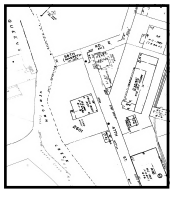

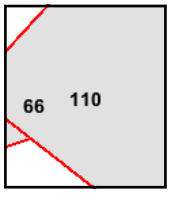

Volume 3, Sheet 110
Volume 9, Sheet 66

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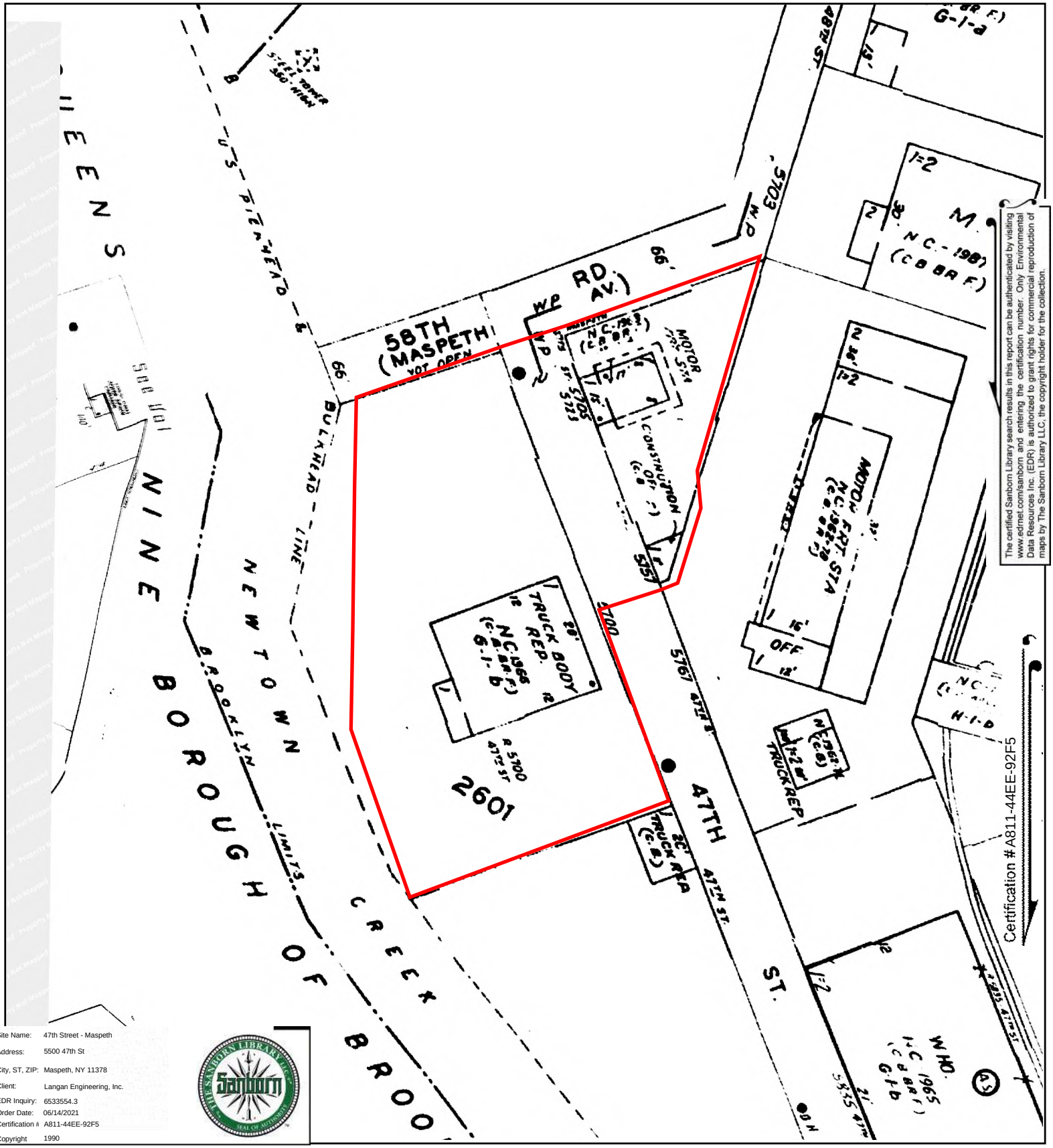

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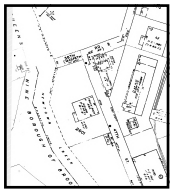

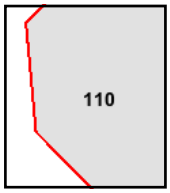

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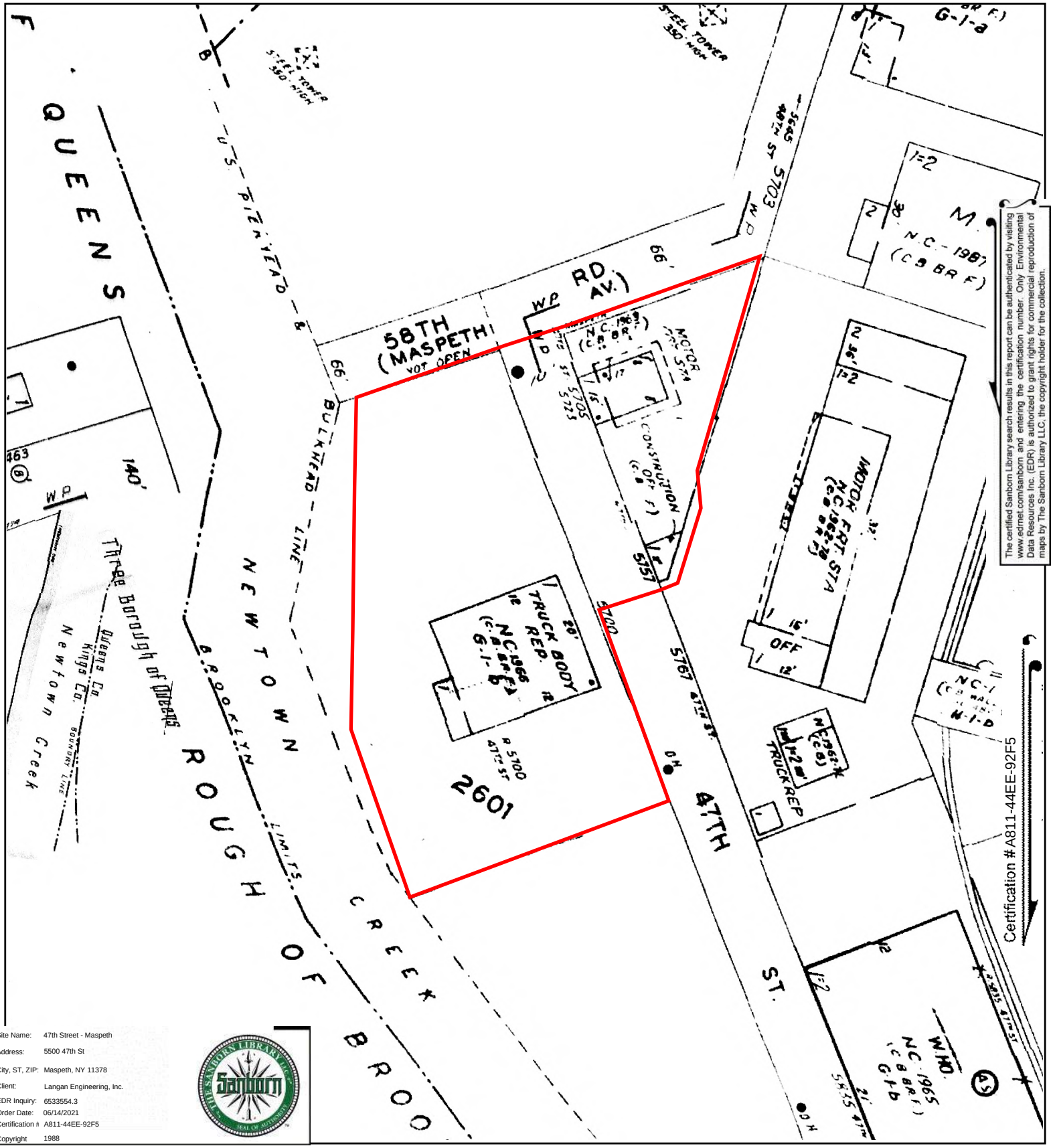

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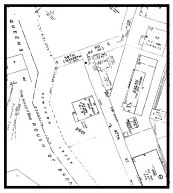

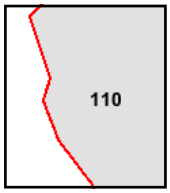

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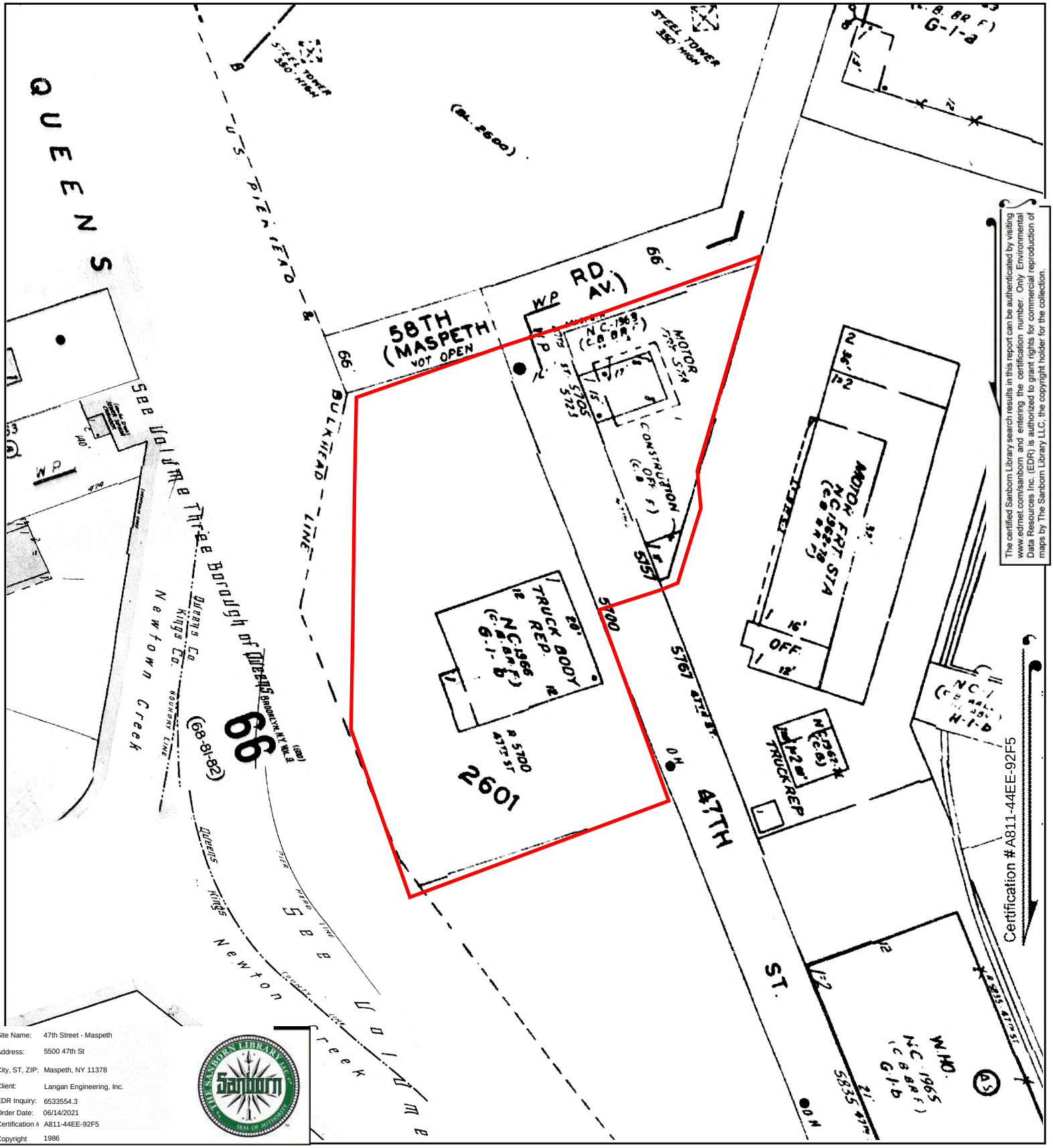

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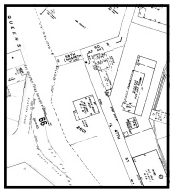

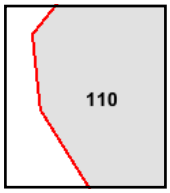

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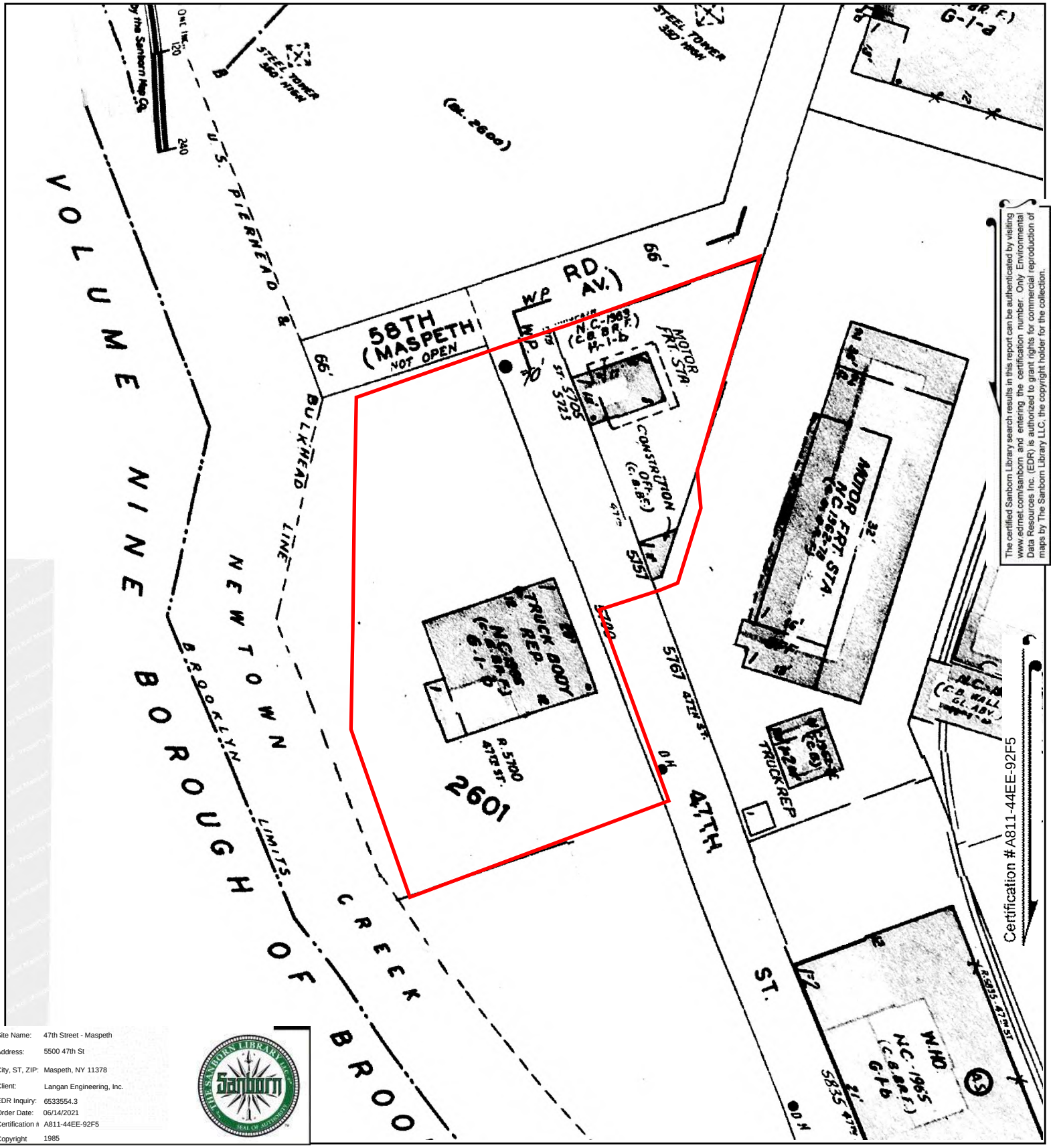

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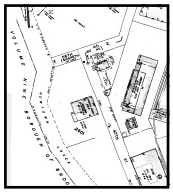

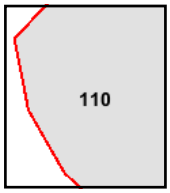

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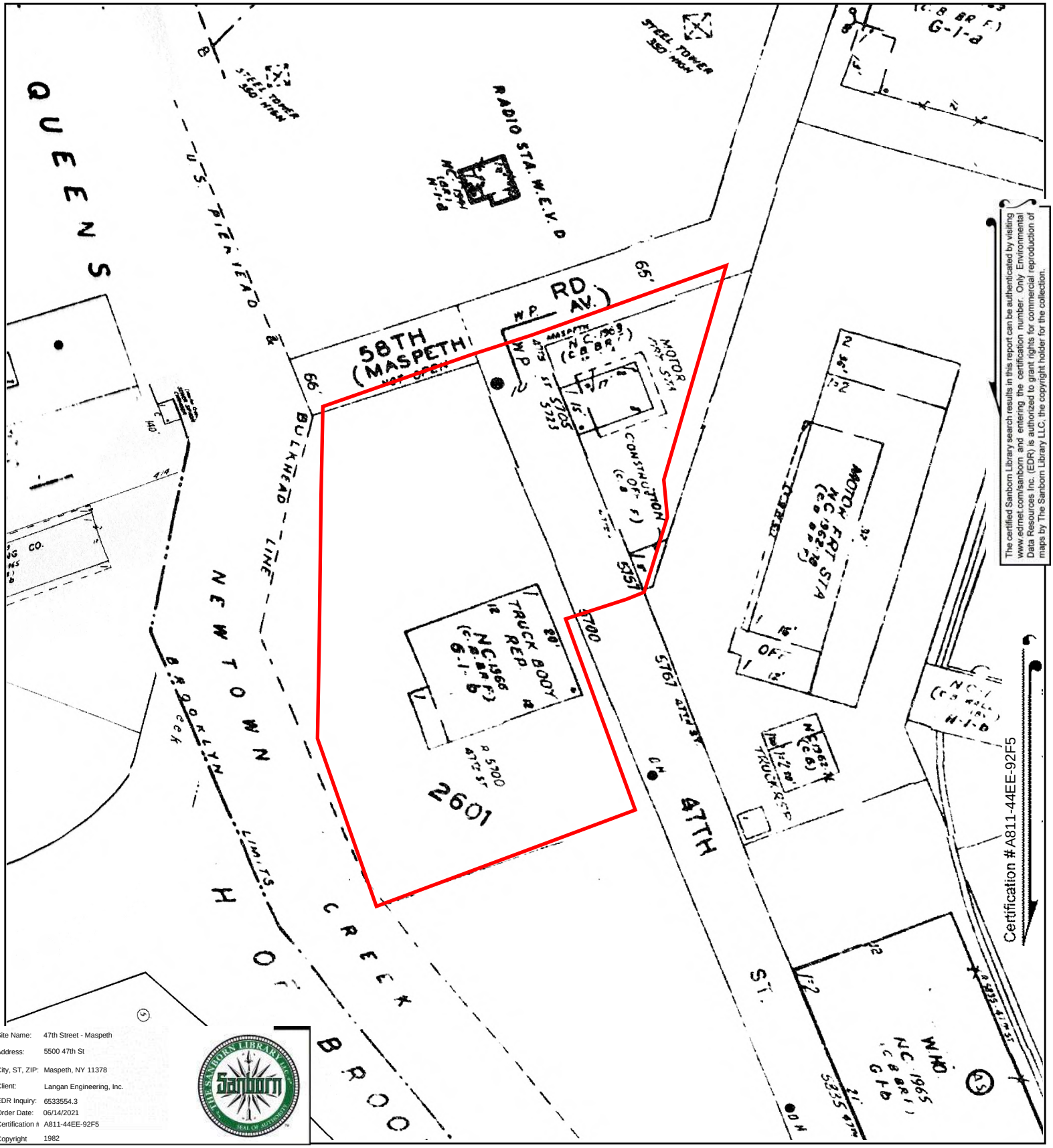

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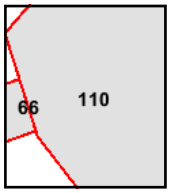

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Volume 3, Sheet 110

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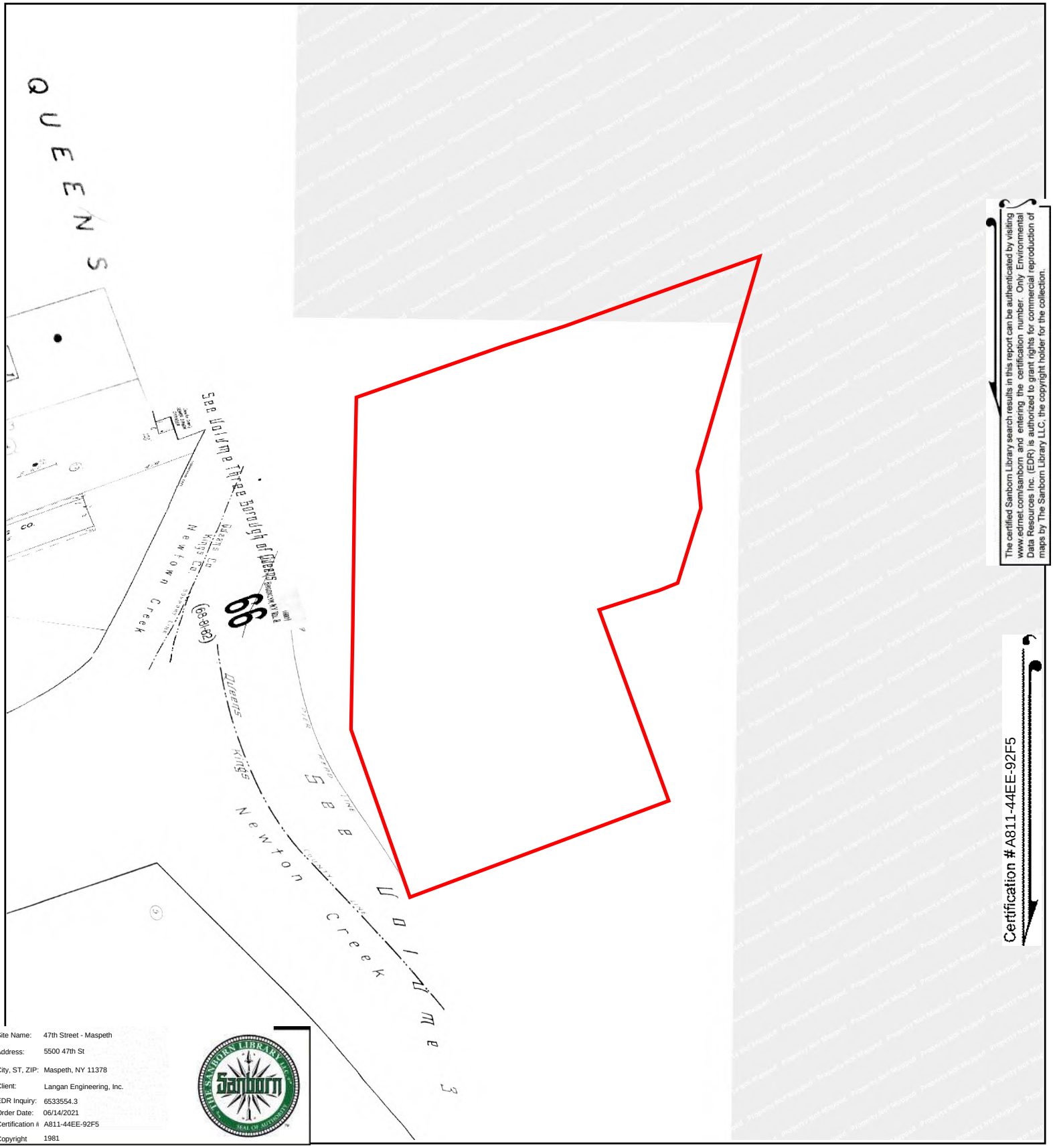

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Certification #A811-44EE-92F5

Site Name: 47th Street - Maspeth
Address: 5500 47th St
City, ST, ZIP: Maspeth, NY 11378
Client: Langan Engineering, Inc.
EDR Inquiry: 6533554.3
Order Date: 06/14/2021
Certification #: A811-44EE-92F5
Copyright: 1981

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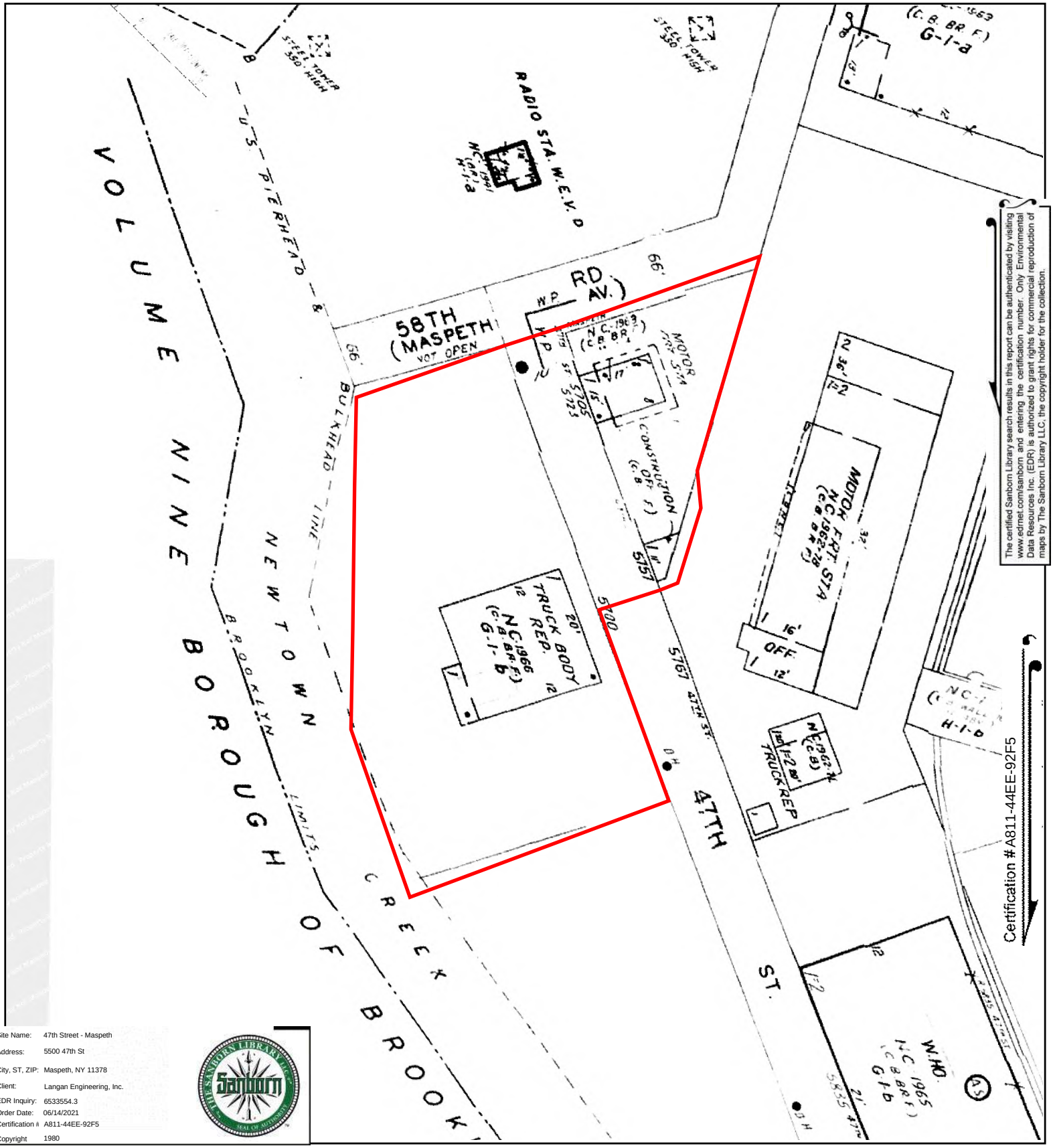
Volume 9, Sheet 66
Volume 9, Sheet 59



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Copyright	1980

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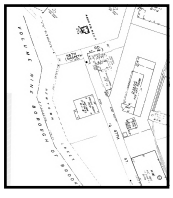

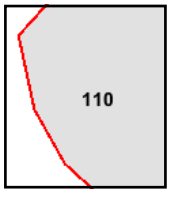

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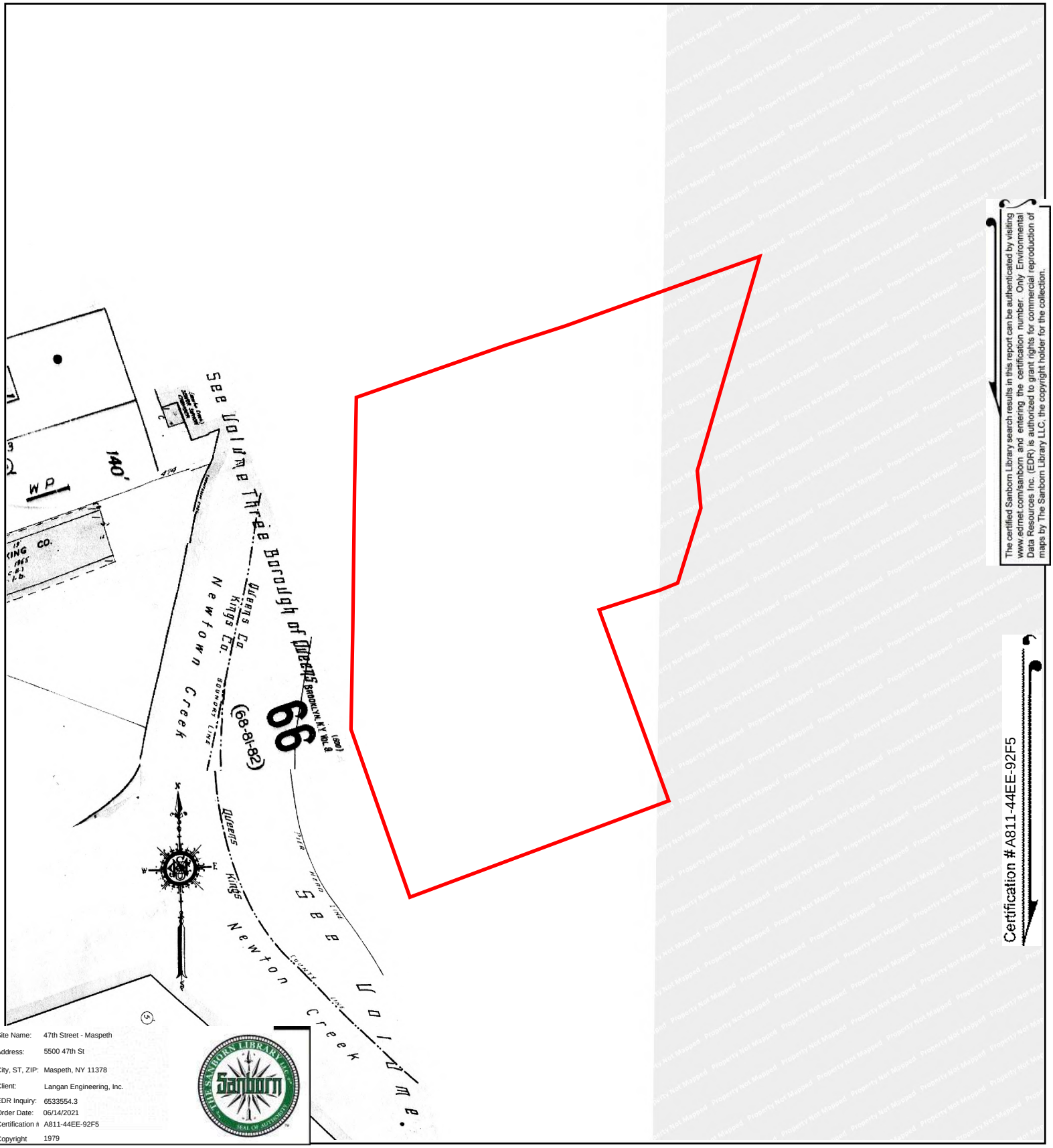

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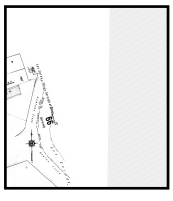

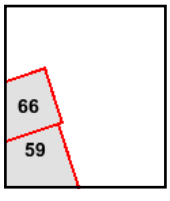

Volume 9, Sheet 66
Volume 9, Sheet 59

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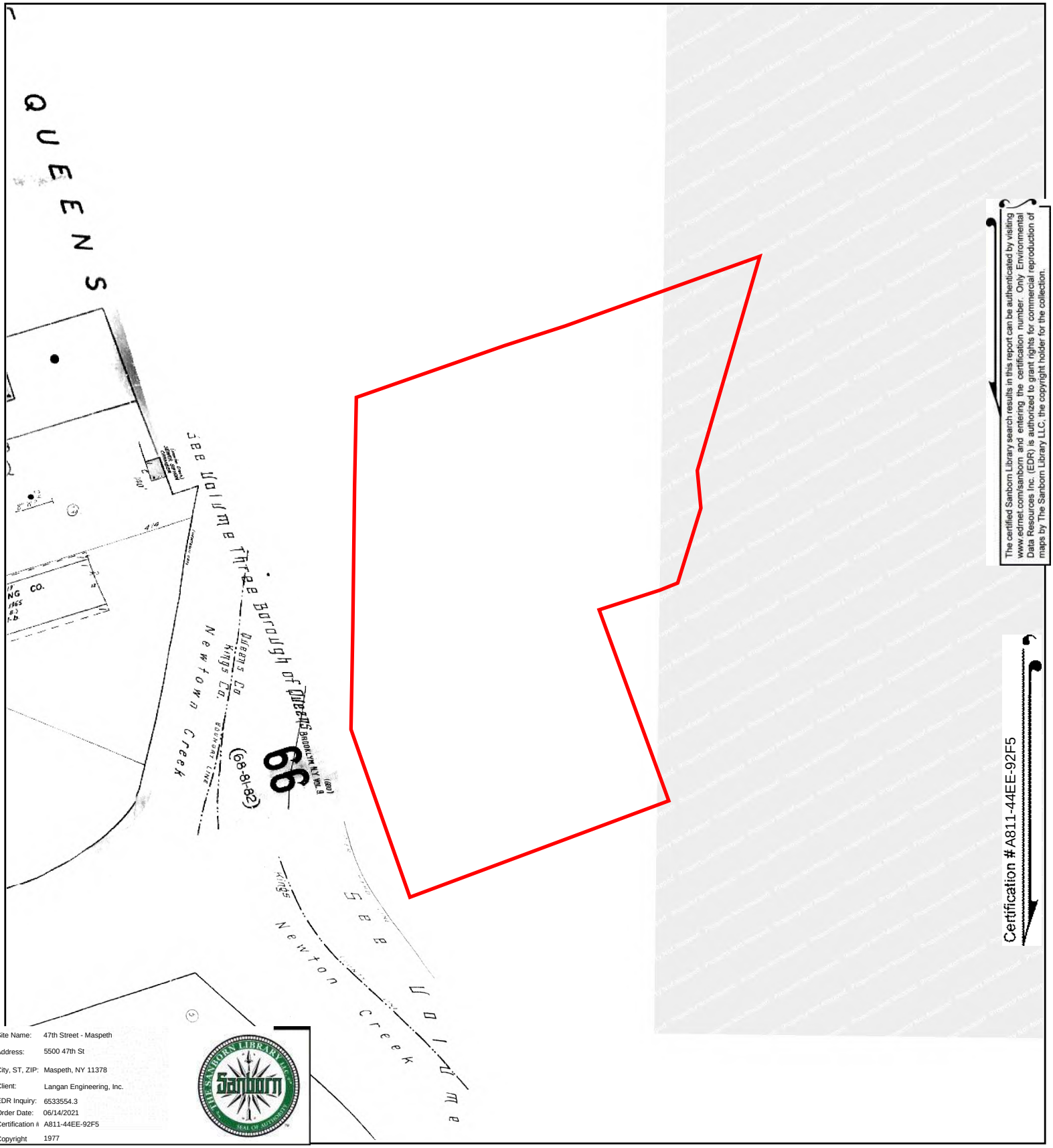

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Certification #	A811-44EE-92F5
Copyright	1977

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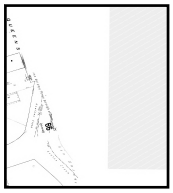

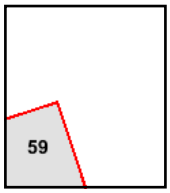

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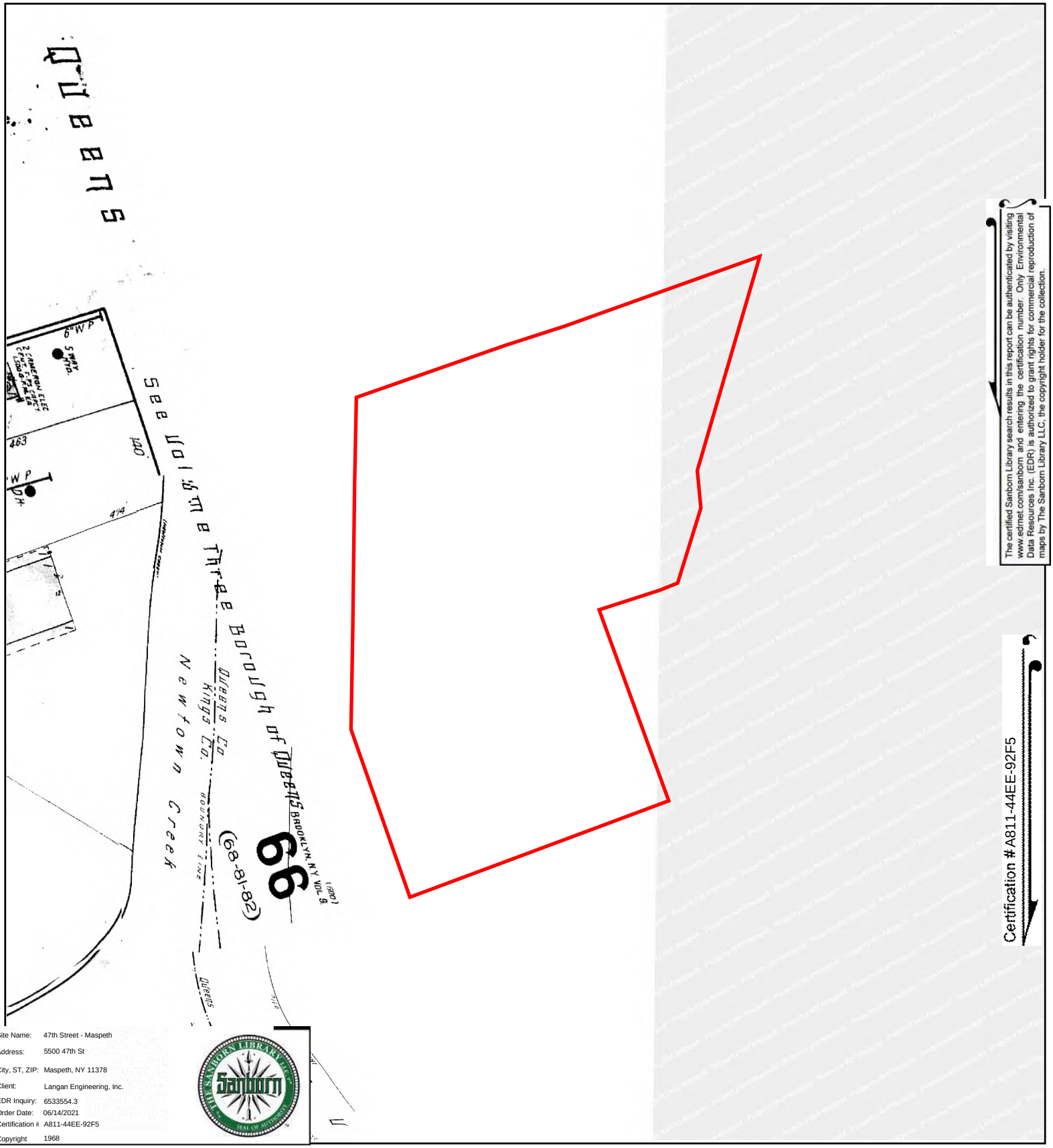

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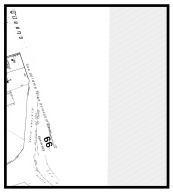

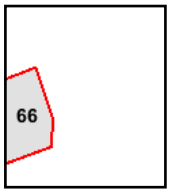

Volume 9, Sheet 66

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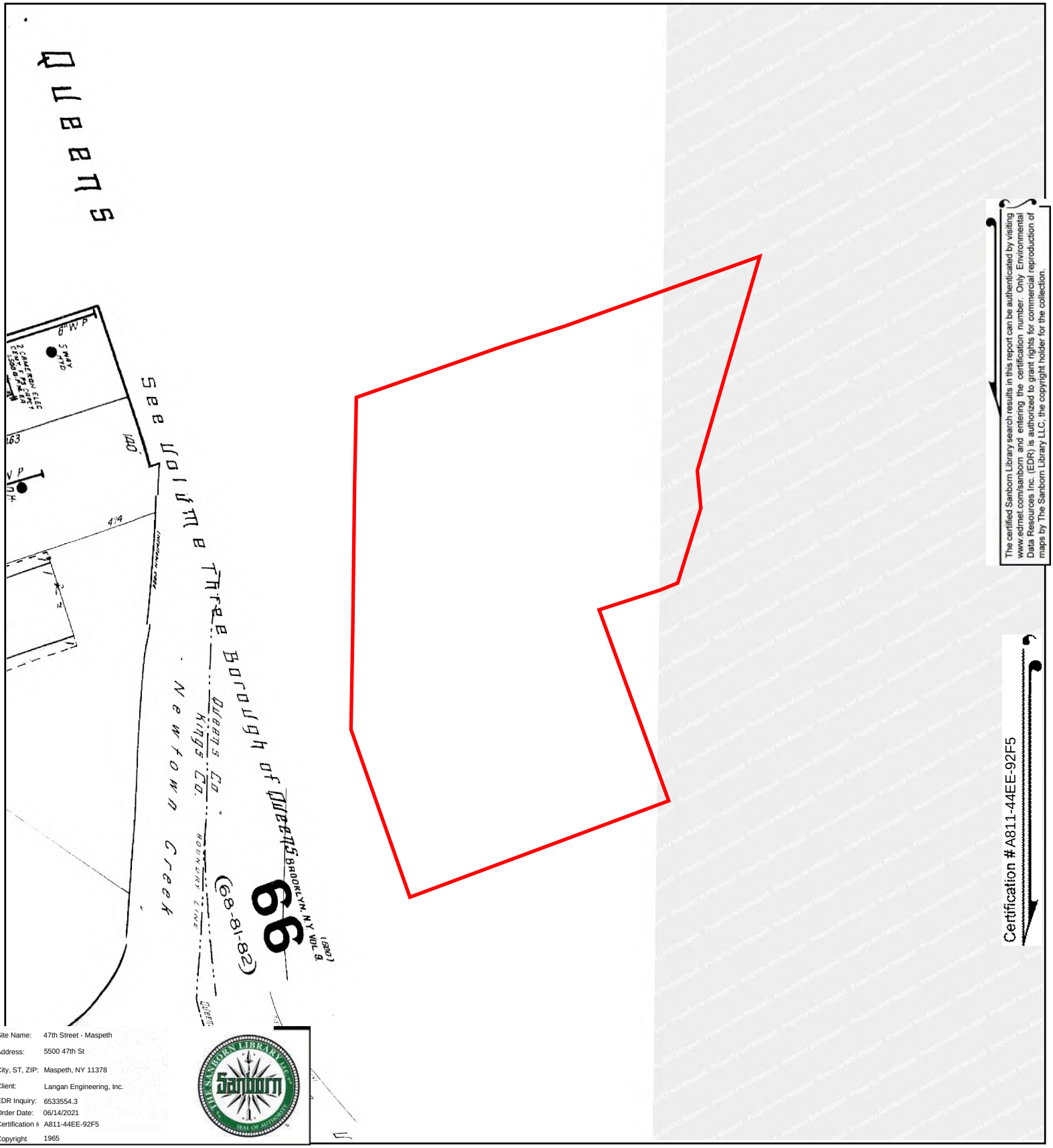

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Client:	Langan Engineering, Inc.
EDR Inquiry:	6533554.3
Order Date:	06/14/2021
Certification #:	A811-44EE-92F5
Copyright	1965

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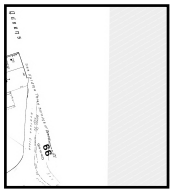

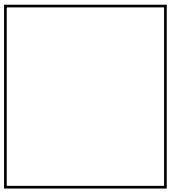

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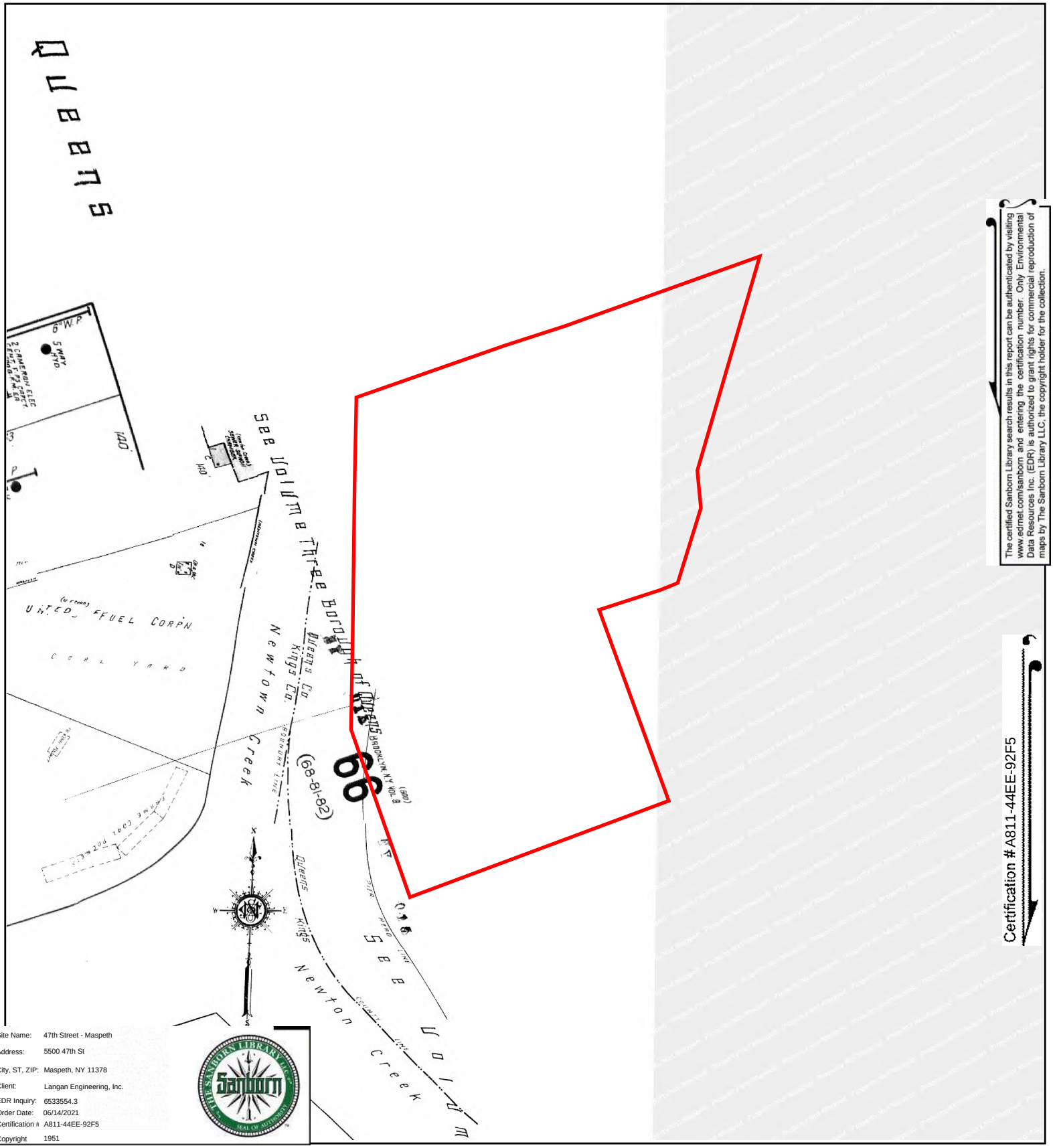

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Certification #:	A811-44EE-92F5
Copyright	1951

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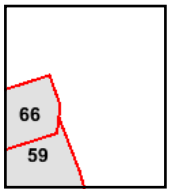

Volume 9, Sheet 66
Volume 9, Sheet 59

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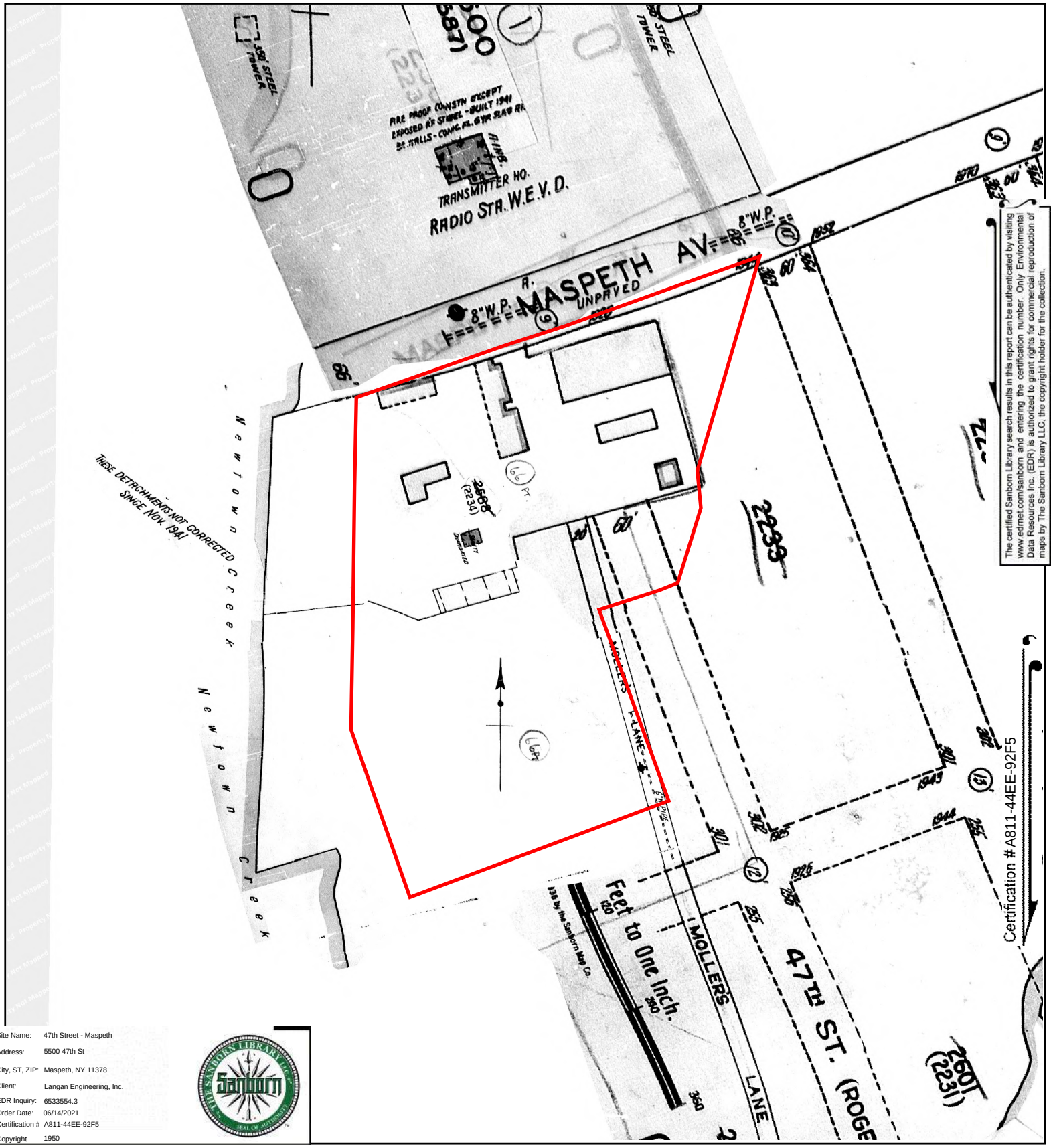

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Certification #:	A811-44EE-92F5
Copyright	1950

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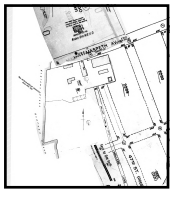

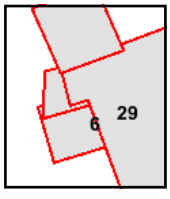

Volume 3, Sheet 29
Volume 3, Sheet 6

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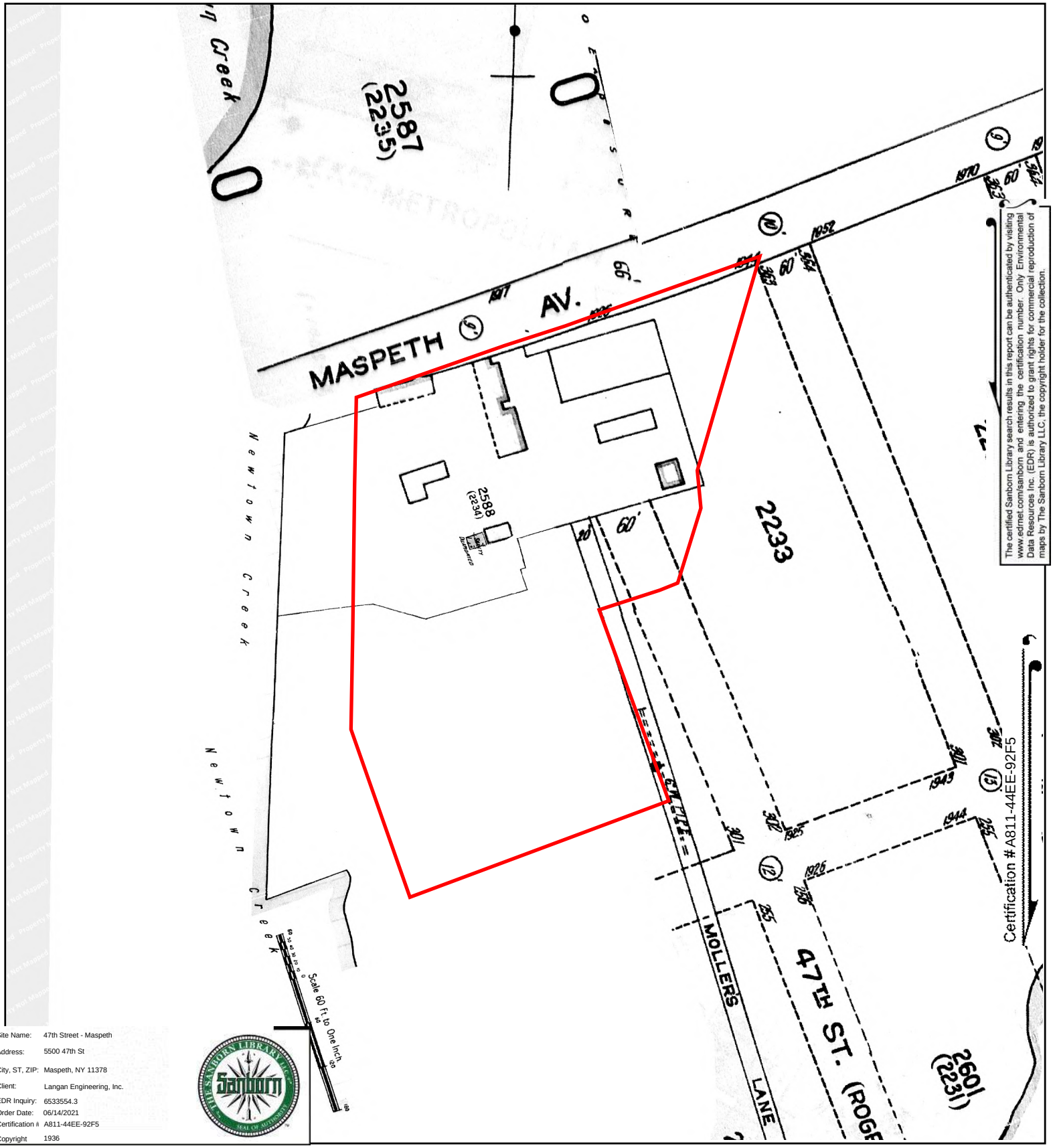

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Certification #:	A811-44EE-92F5
Copyright	1936

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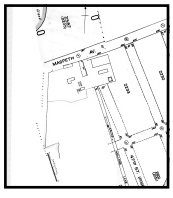
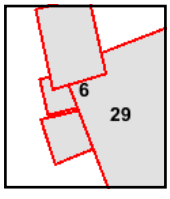
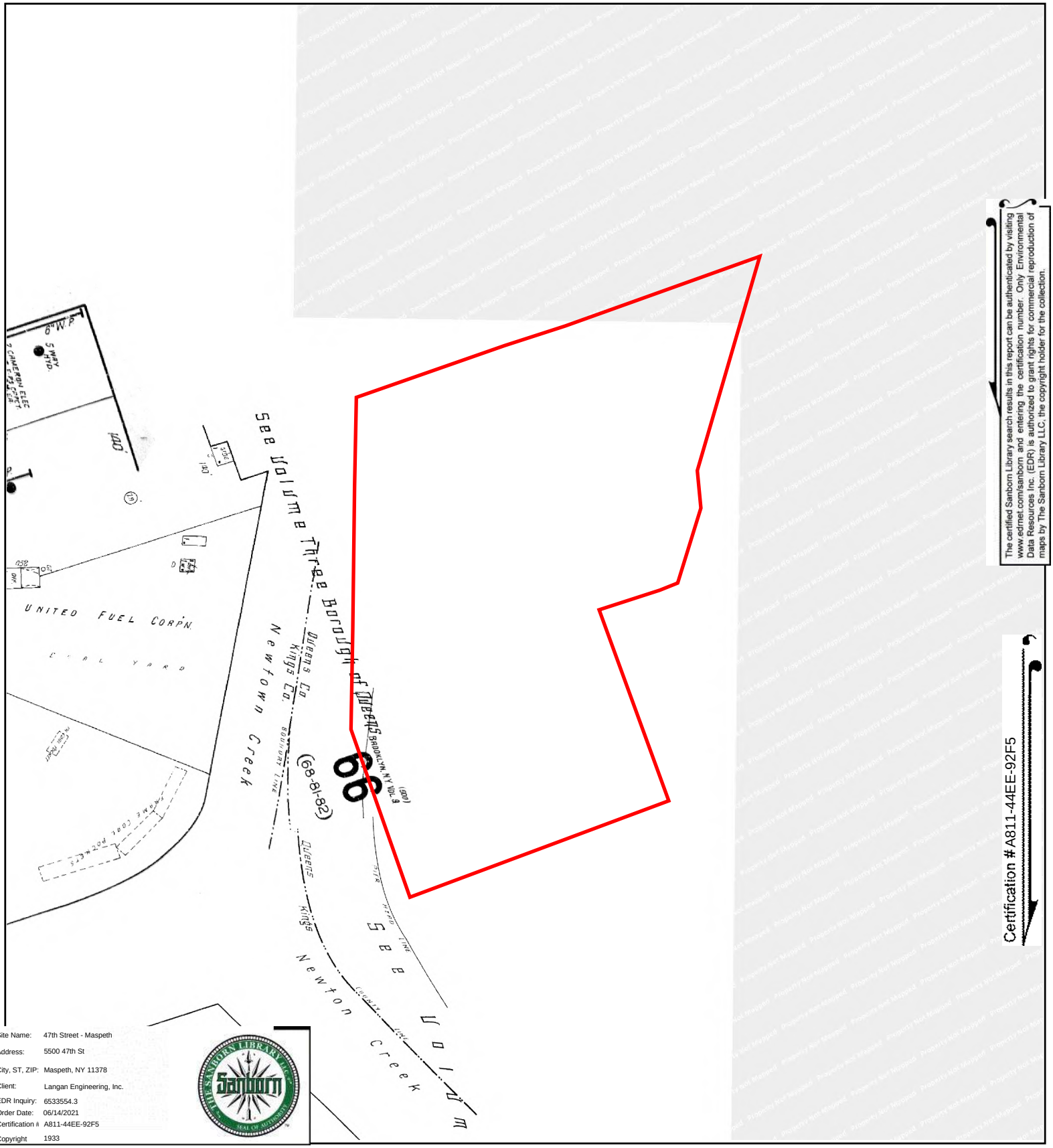




Volume 3, Sheet 29
Volume 3, Sheet 6



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Certification #:	A811-44EE-92F5
Copyright	1933

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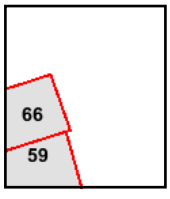

Volume 9, Sheet 66
Volume 9, Sheet 59

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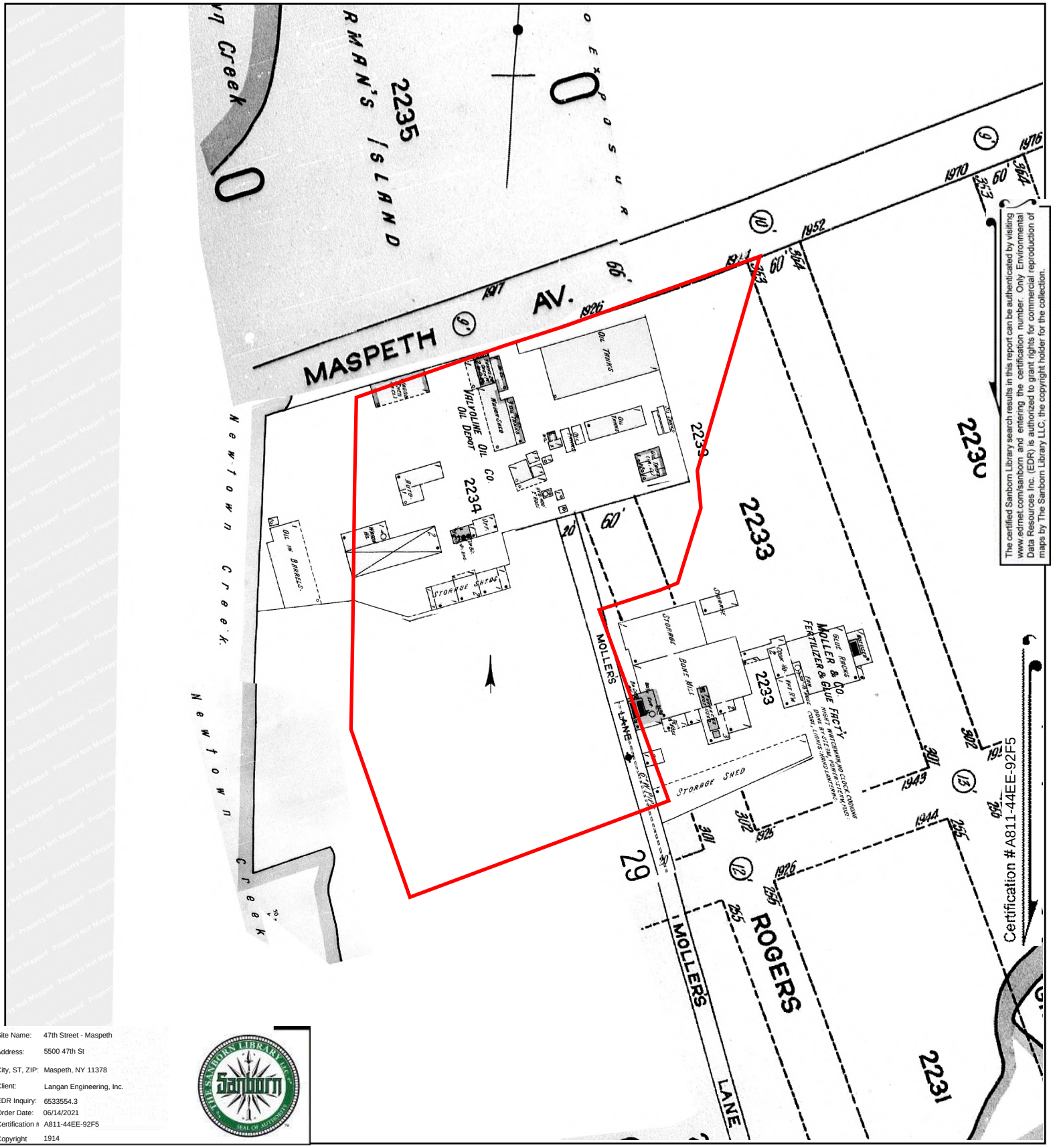

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Certification #:	A811-44EE-92F5
Copyright	1914

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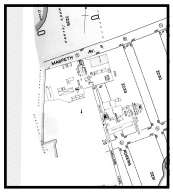

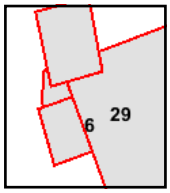

Volume 3, Sheet 29
Volume 3, Sheet 6

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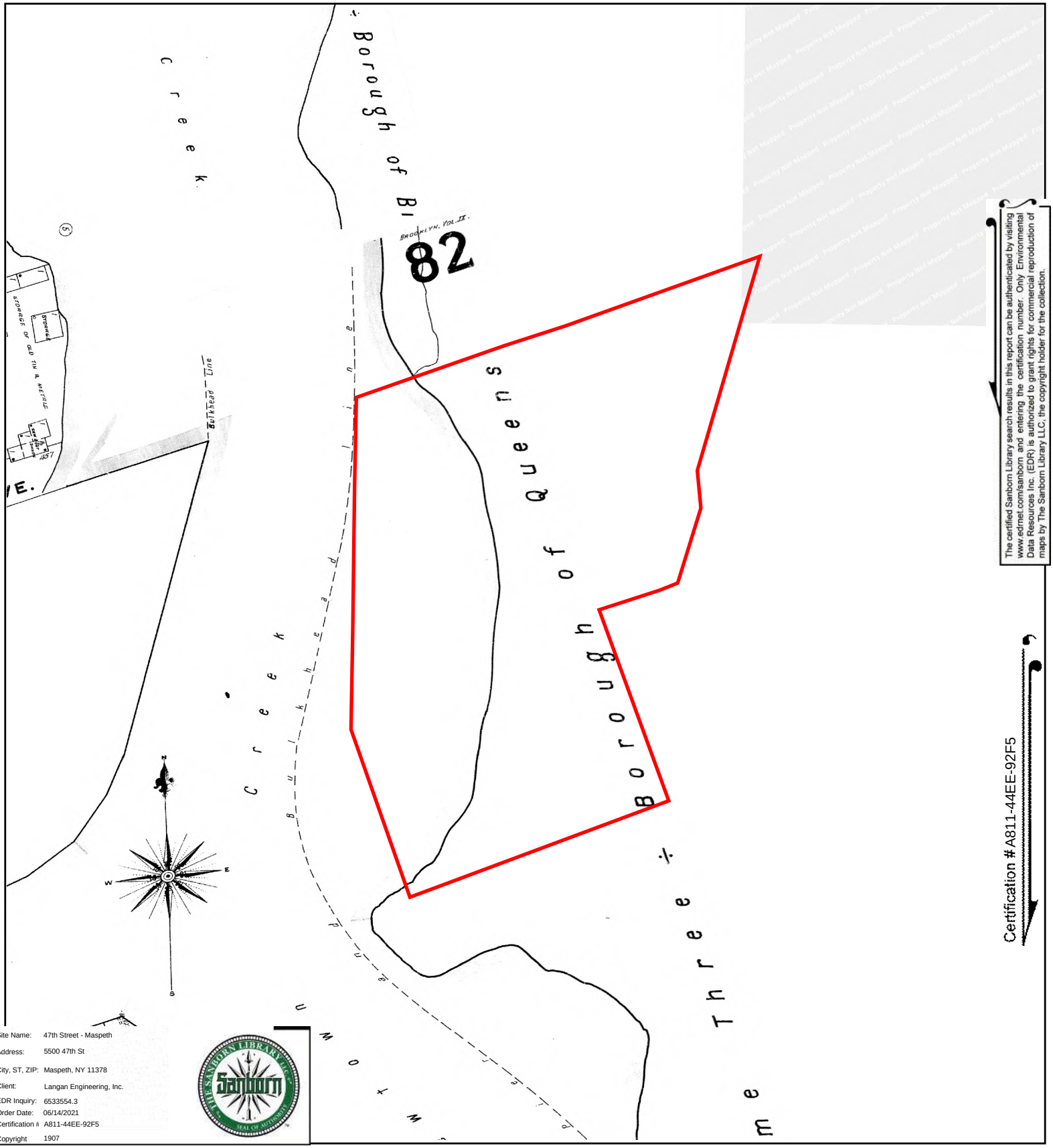

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Copyright	1907

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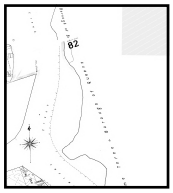

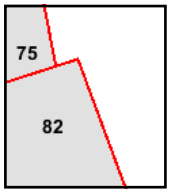

Volume 9, Sheet 82
Volume 9, Sheet 75

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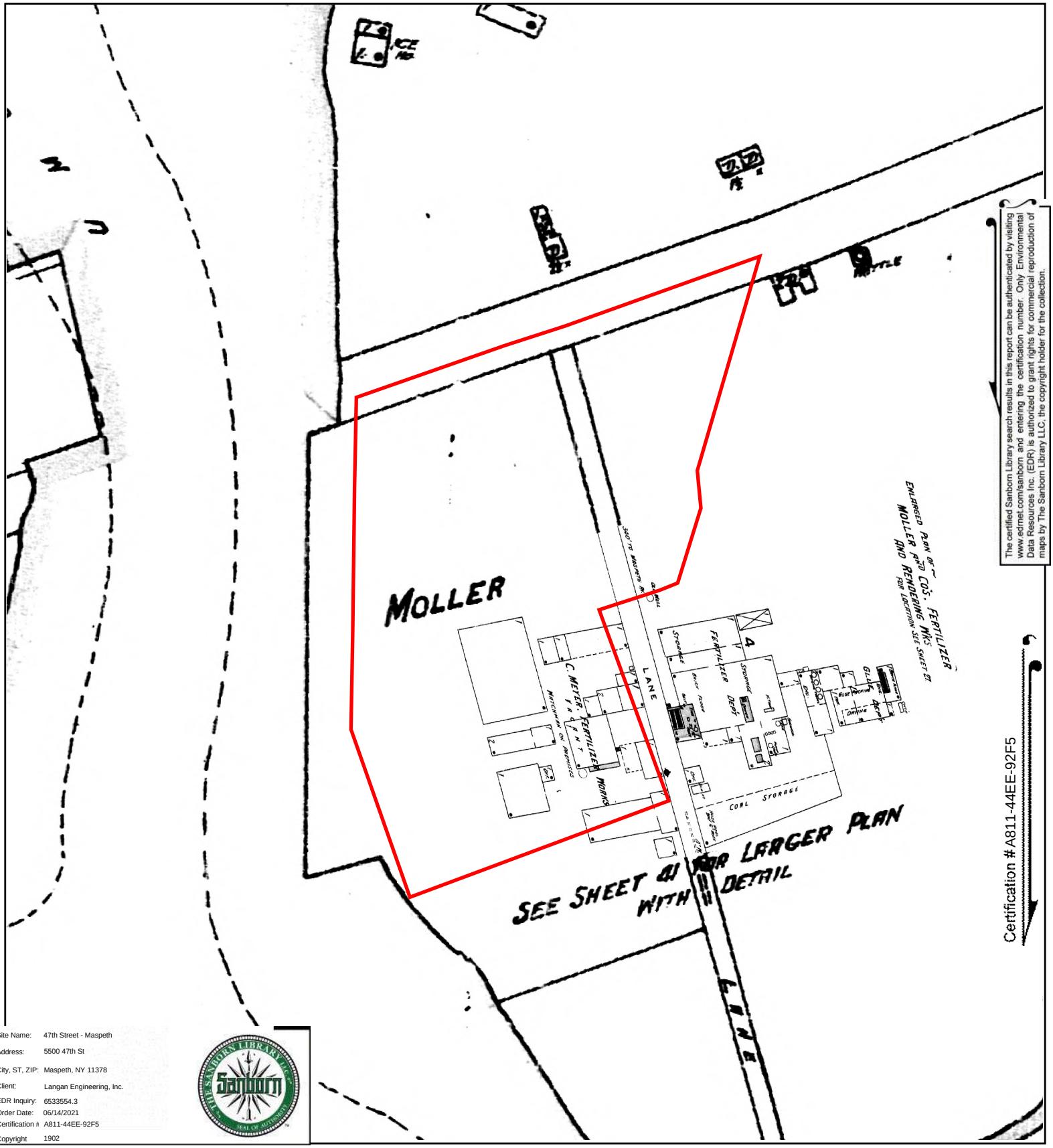

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Client:	Langan Engineering, Inc.
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Order Date:	06/14/2021
Certification #:	A811-44EE-92F5
Copyright	1902

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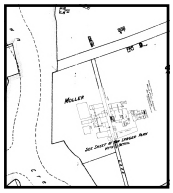

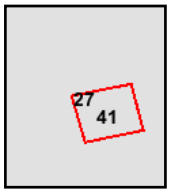

Volume 3, Sheet 41
Volume 3, Sheet 27

N

Appendix K

Historical USGS Topographic Quadrangle Maps

47th Street - Maspeth

5500 47th St

Maspeth, NY 11378

Inquiry Number: 6533554.4

June 11, 2021

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

06/11/21

Site Name:

47th Street - Maspeth
5500 47th St
Maspeth, NY 11378
EDR Inquiry # 6533554.4

Client Name:

Langan Engineering, Inc.
360 W. 31st Street
New York, NY 10001
Contact: Lucy Bevan

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Langan Engineering, Inc. were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

P.O.# 170686701

Project: 47th Street - Maspeth

Coordinates:

Latitude:	40.72004 40° 43' 12" North
Longitude:	-73.923068 -73° 55' 23" West
UTM Zone:	Zone 18 North
UTM X Meters:	590954.59
UTM Y Meters:	4508237.27
Elevation:	9.43' above sea level

Maps Provided:

2013	1897
1995	
1979	
1967	
1956	
1947	
1900	
1898	

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2013 Source Sheets

Brooklyn
2013
7.5-minute, 24000

1995 Source Sheets

Brooklyn
1995
7.5-minute, 24000
Aerial Photo Revised 1977

1979 Source Sheets

Brooklyn
1979
7.5-minute, 24000
Aerial Photo Revised 1977

1967 Source Sheets

Brooklyn
1967
7.5-minute, 24000
Aerial Photo Revised 1966

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1956 Source Sheets

Brooklyn
1956
7.5-minute, 24000

1947 Source Sheets

Brooklyn
1947
7.5-minute, 24000
Aerial Photo Revised 1940

1900 Source Sheets

Brooklyn
1900
15-minute, 62500

1898 Source Sheets

Brooklyn
1898
15-minute, 62500

Topo Sheet Key

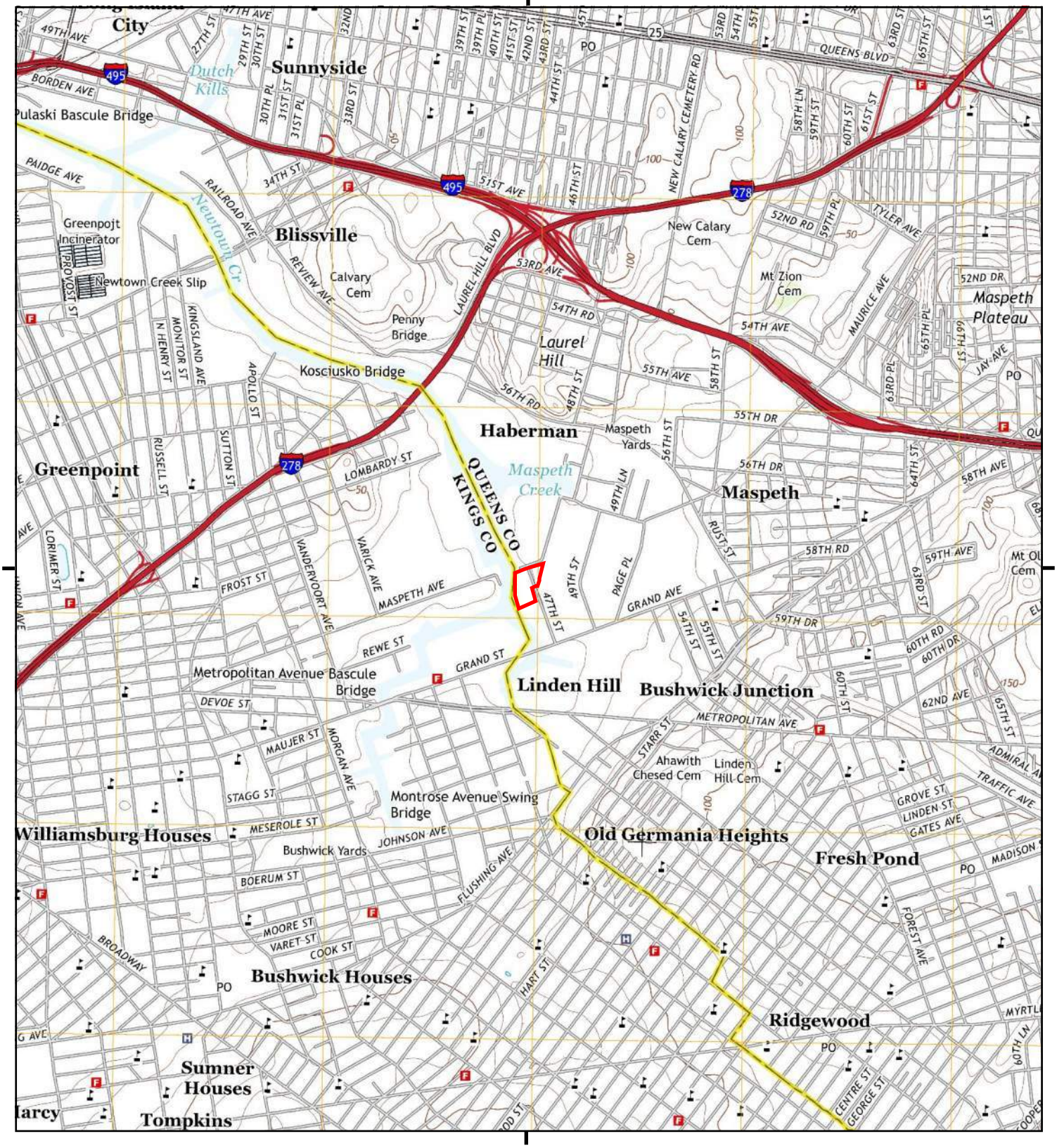
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1897 Source Sheets

Brooklyn
1897
15-minute, 62500

Historical Topo Map

2013



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

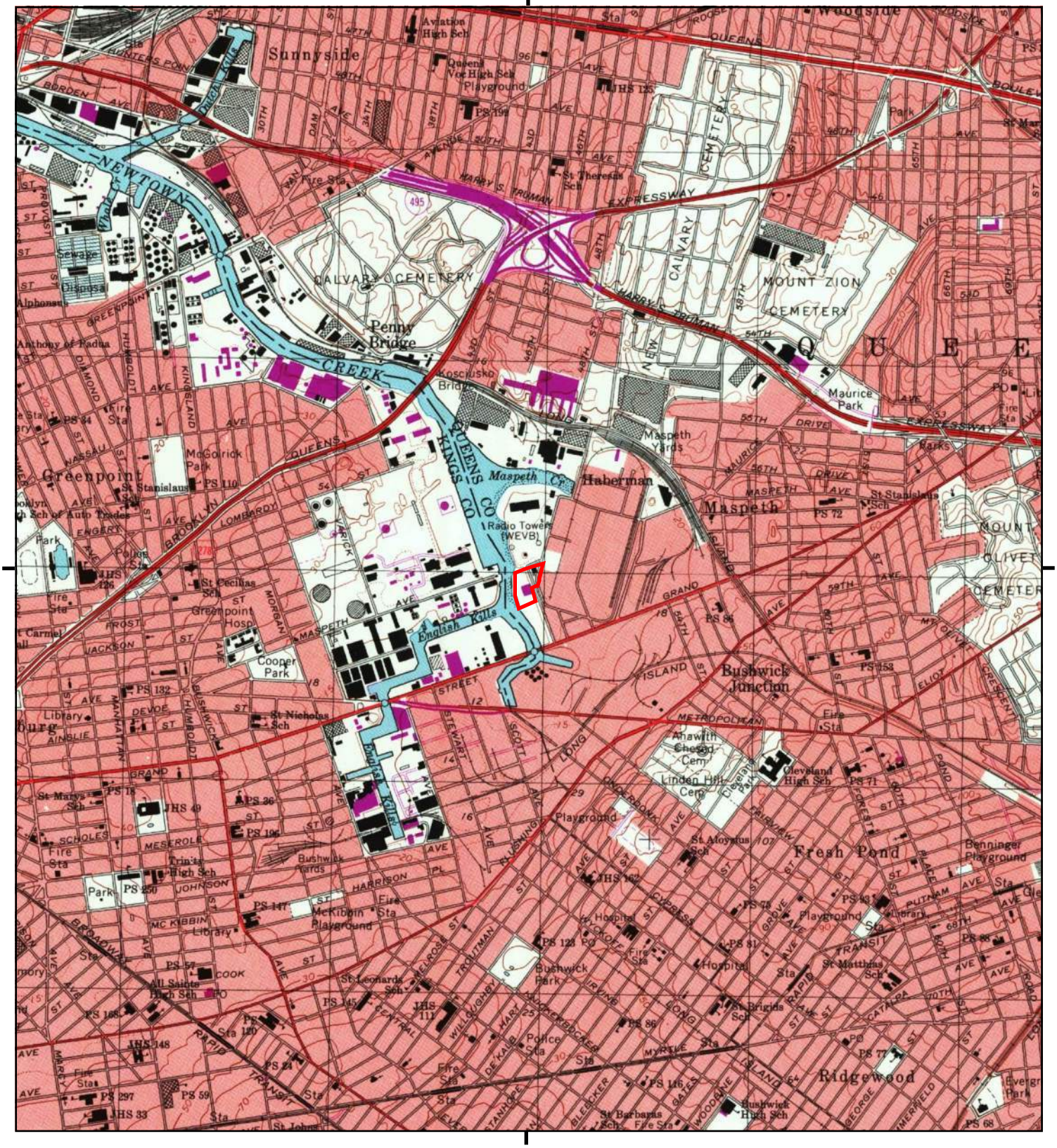
TP, Brooklyn, 2013, 7.5-minute

SITE NAME: 47th Street - Maspeth
ADDRESS: 5500 47th St
Maspeth, NY 11378
CLIENT: Langan Engineering, Inc.

N

Historical Topo Map

1995



This report includes information from the following map sheet(s).

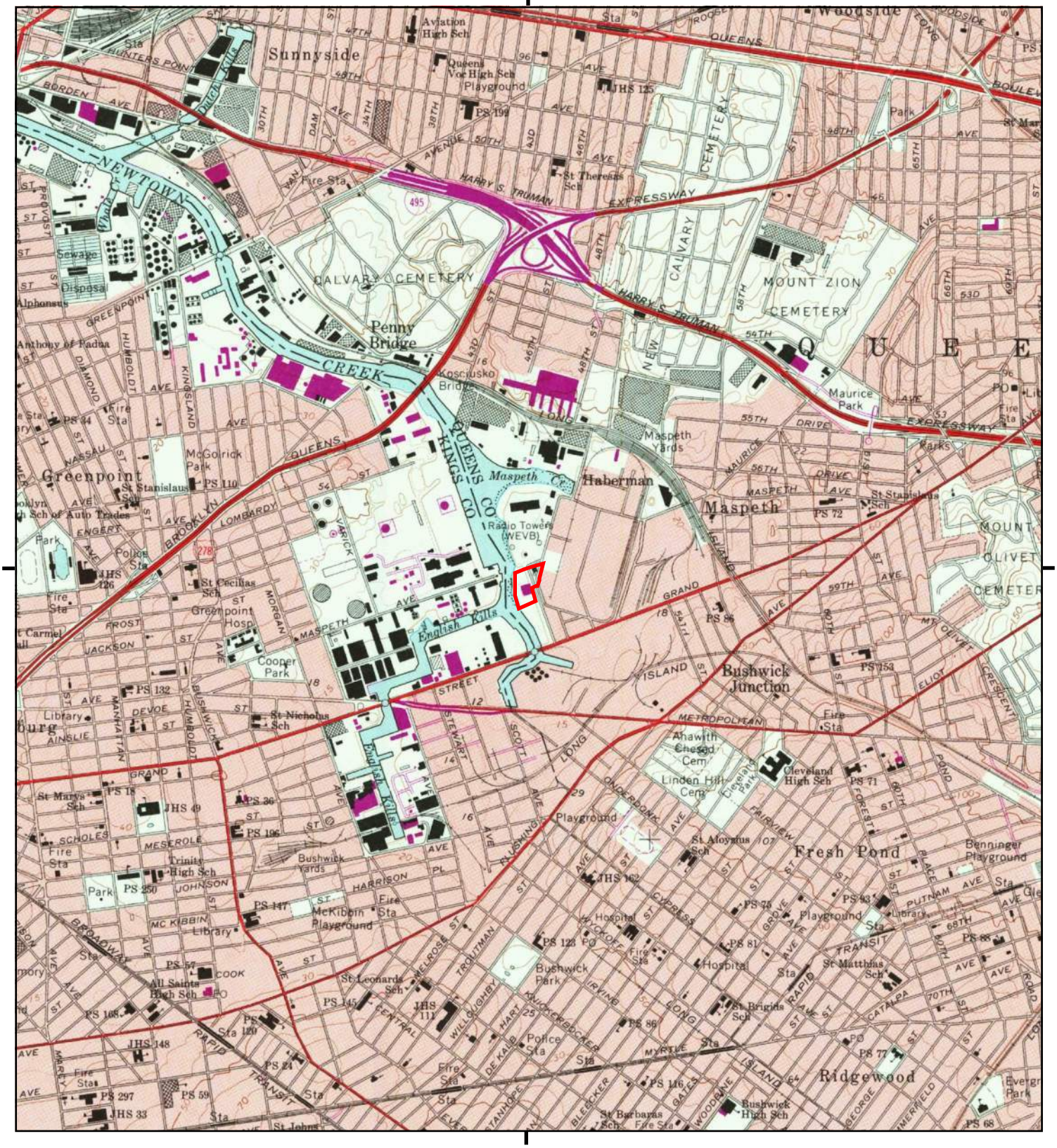
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Brooklyn, 1995, 7.5-minute

SITE NAME: 47th Street - Maspeth
ADDRESS: 5500 47th St
Maspeth, NY 11378
CLIENT: Langan Engineering, Inc.

N



This report includes information from the following map sheet(s).

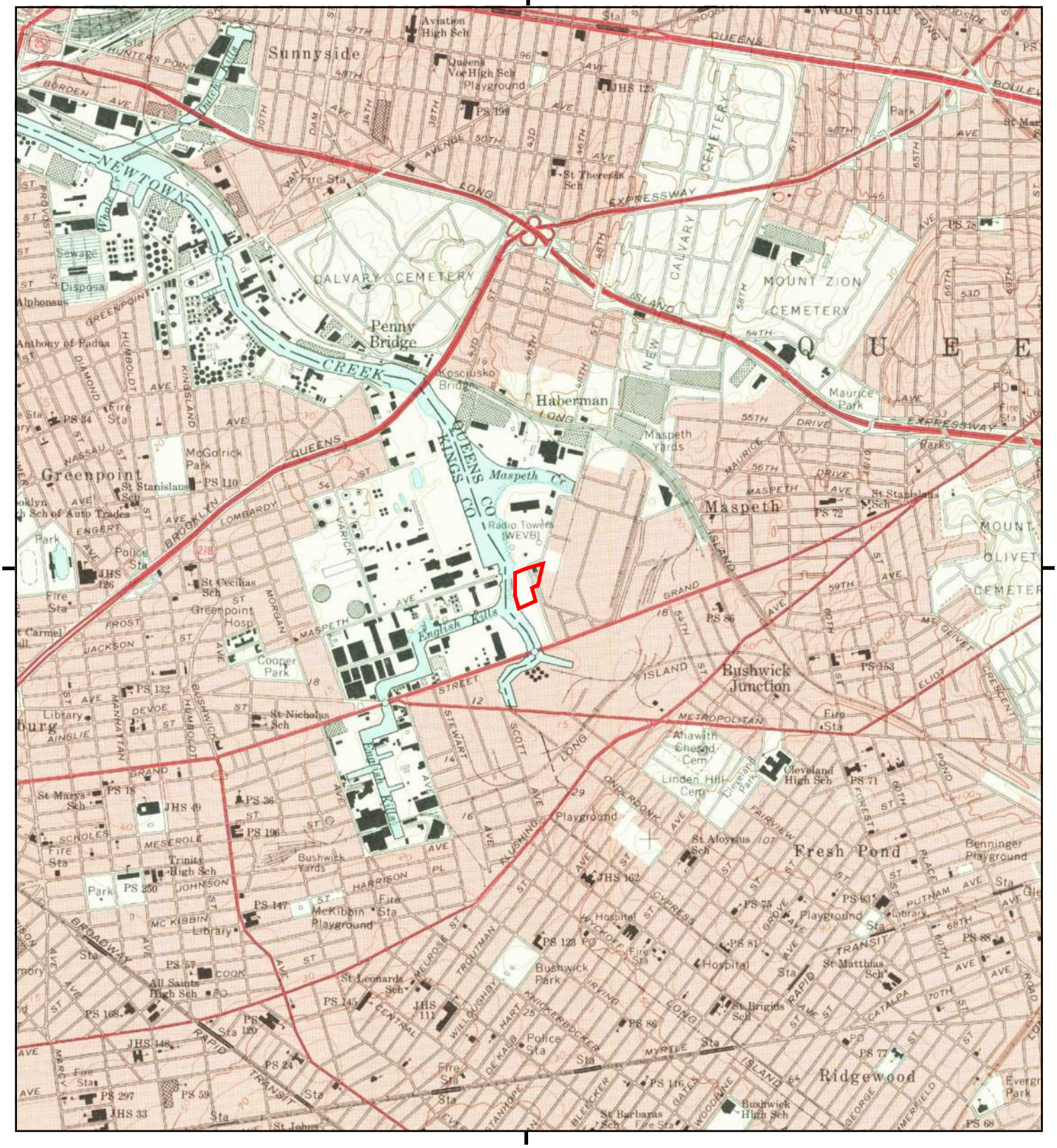
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

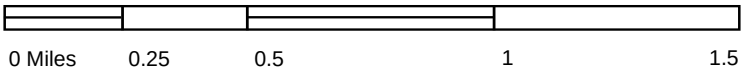
TP, Brooklyn, 1979, 7.5-minute

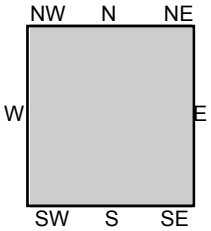
SITE NAME: 47th Street - Maspeth
ADDRESS: 5500 47th St
Maspeth, NY 11378
CLIENT: Langan Engineering, Inc.

N



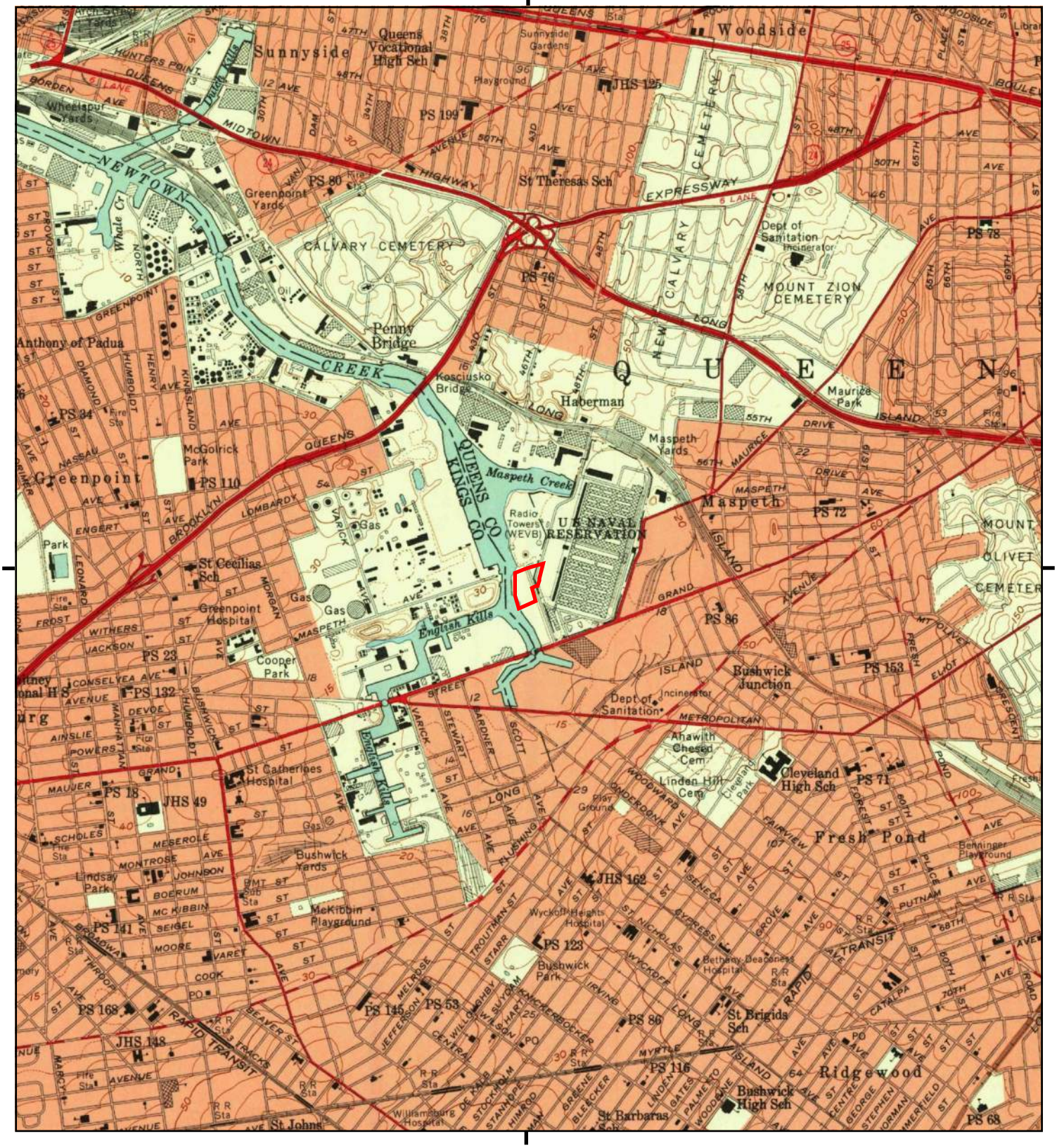
This report includes information from the following map sheet(s).





TP, Brooklyn, 1967, 7.5-minute

SITE NAME: 47th Street - Maspeth
ADDRESS: 5500 47th St
Maspeth, NY 11378
CLIENT: Langan Engineering, Inc.



This report includes information from the following map sheet(s).

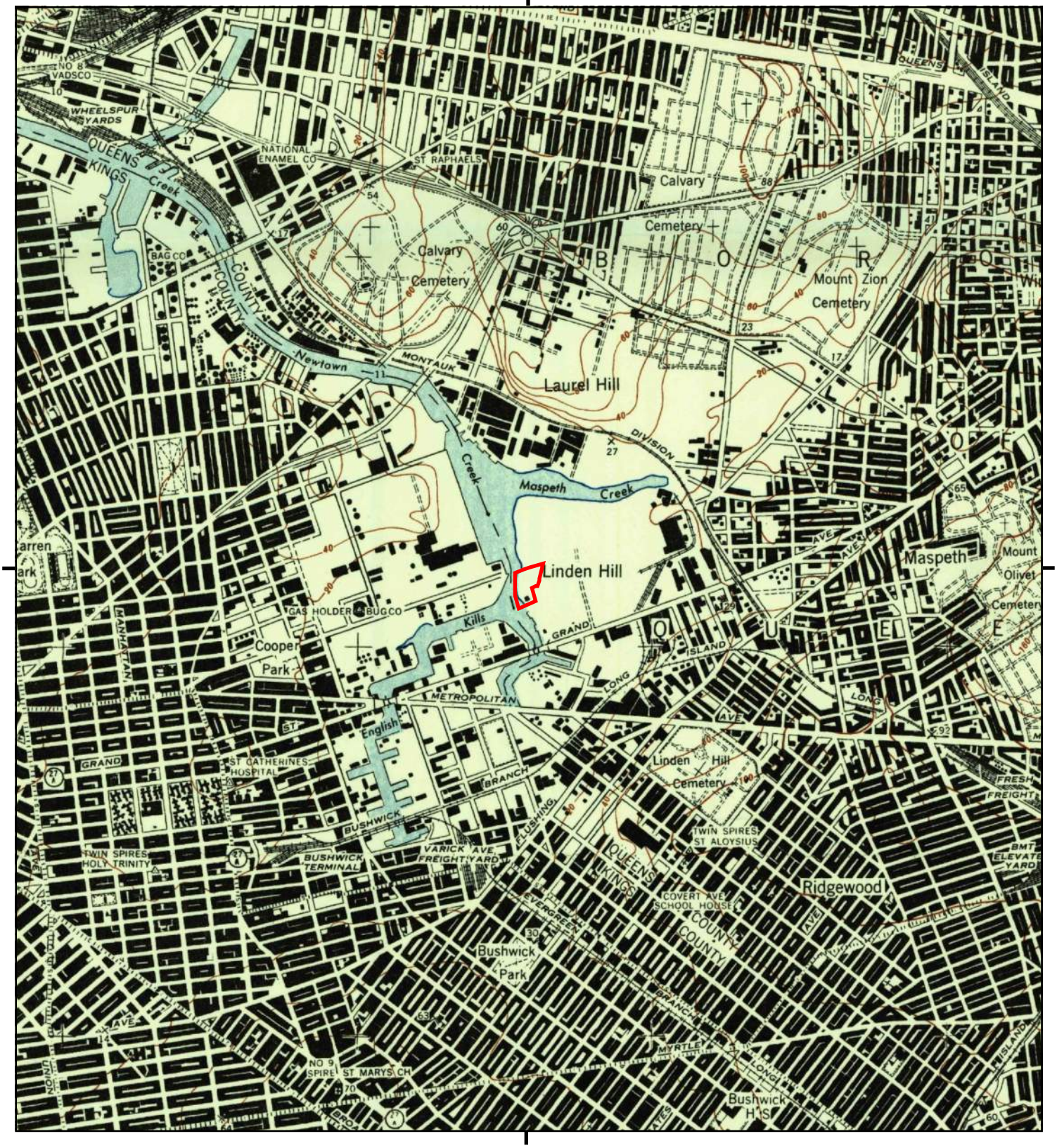
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Brooklyn, 1956, 7.5-minute

SITE NAME: 47th Street - Maspeth
ADDRESS: 5500 47th St
Maspeth, NY 11378
CLIENT: Langan Engineering, Inc.

N



This report includes information from the following map sheet(s).

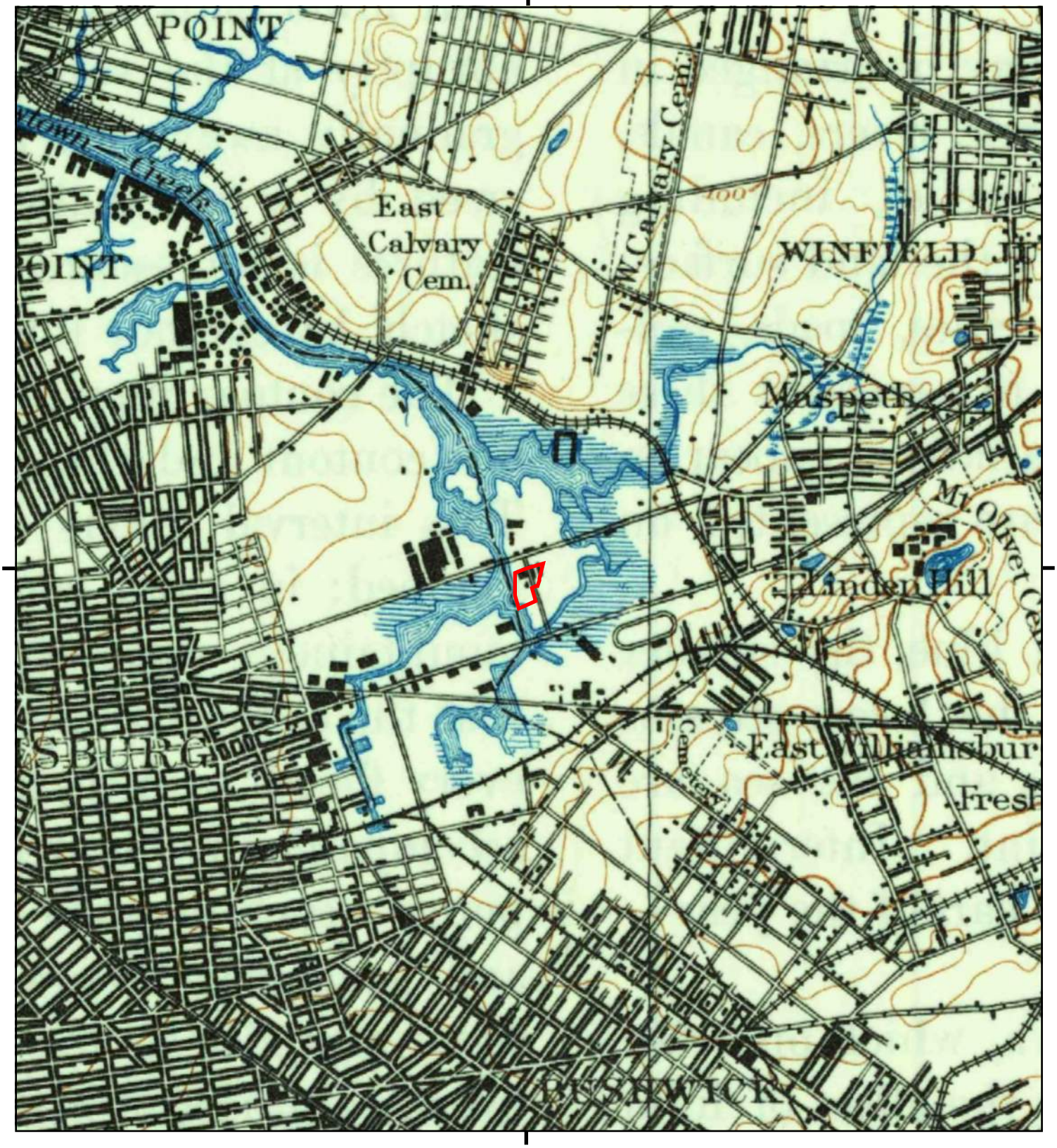
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Brooklyn, 1947, 7.5-minute

SITE NAME: 47th Street - Maspeth
ADDRESS: 5500 47th St
Maspeth, NY 11378
CLIENT: Langan Engineering, Inc.

N



This report includes information from the following map sheet(s).

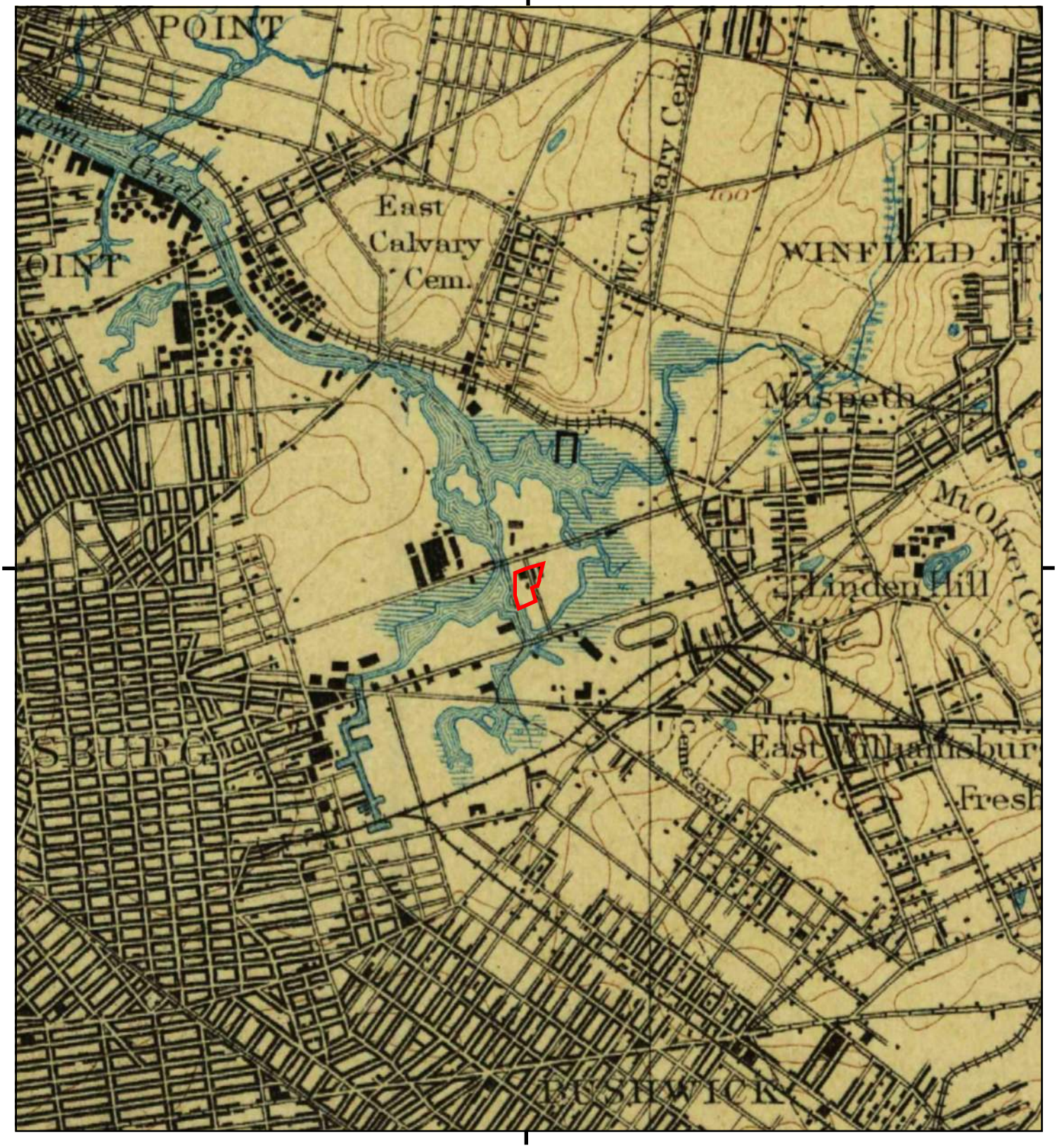
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Brooklyn, 1900, 15-minute

SITE NAME: 47th Street - Maspeth
ADDRESS: 5500 47th St
Maspeth, NY 11378
CLIENT: Langan Engineering, Inc.

N



This report includes information from the following map sheet(s).

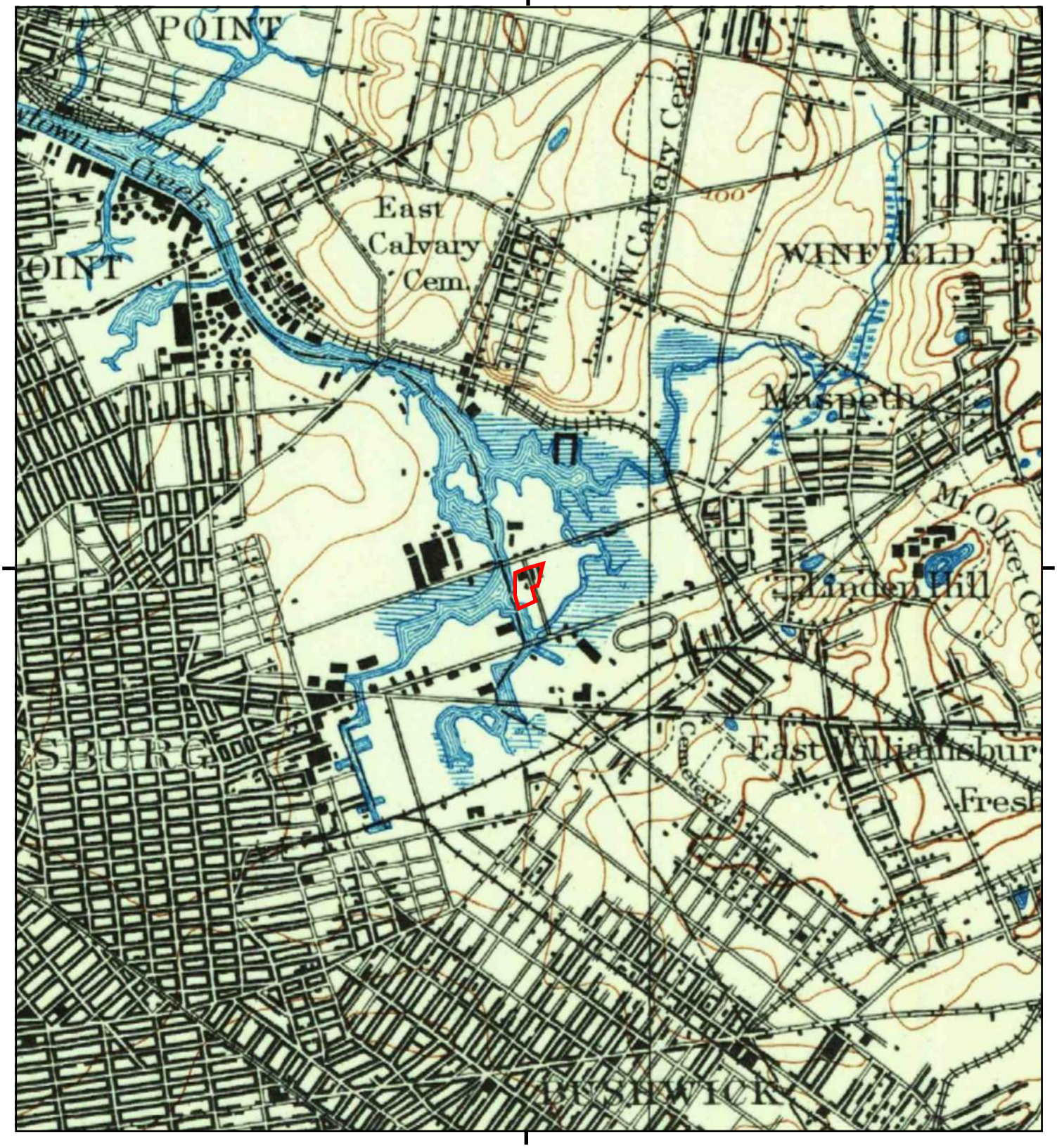
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Brooklyn, 1898, 15-minute

SITE NAME: 47th Street - Maspeth
ADDRESS: 5500 47th St
Maspeth, NY 11378
CLIENT: Langan Engineering, Inc.

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Brooklyn, 1897, 15-minute

SITE NAME: 47th Street - Maspeth
ADDRESS: 5500 47th St
Maspeth, NY 11378
CLIENT: Langan Engineering, Inc.

N

Appendix L

City Directory Abstract

47th Street - Maspeth
57-00, 57-05, 57-57, and 58-20 47th Street
Maspeth, NY 11378

Inquiry Number: 6545368.4
June 21, 2021

The EDR-City Directory Abstract

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1922 through 2017. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 200 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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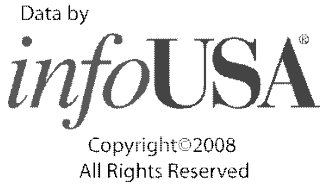

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2017	Cole Information Services	-	X	X	-
2014	Cole Information Services	-	X	X	-
2009	Cole Information Services	-	X	X	-
2005	Hill-Donnelly Information Services	-	X	X	-
2004	Cole Information Services	-	X	X	-
2000	Cole Information Services	-	X	X	-
1999	Cole Information Services	-	X	X	-
1996	NYNEX	-	-	-	-
1994	Cole Information Services	-	X	X	-
1991	NYNEX Information Resource Company	-	X	X	-
1983	New York Telephone	-	X	X	-
1976	New York Telephone	-	X	X	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1970	New York Telephone	-	X	X	-
1967	New York Telephone	-	X	X	-
1962	New York Telephone Directory	-	X	X	-
1950	New York Telephone	-	-	-	-
1945	New York Telephone	-	-	-	-
1939	New York Telephone Company	-	X	X	-
1934	R. L. Polk & Co.	-	X	X	-
1922	H.C. Morris	-	-	-	-

EXECUTIVE SUMMARY

SELECTED ADDRESSES

The following addresses were selected by the client, for EDR to research. An "X" indicates where information was identified.

Address	*Type*	*Findings*
57-00 57-05 57-57 and 58-20 47th Street	Client Entered	

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

57-00, 57-05, 57-57, and 58-20 47th Street
Maspeth, NY 11378

FINDINGS DETAIL

Target Property research detail.

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

47TH ST

5565 47TH ST

Year	Uses	Source
1970	CANOVER PAPR PRODS INC	New York Telephone
	Flamingo Tissue Corp	New York Telephone
	Lang Louis H & Bros pkgng	New York Telephone
1967	CANOVER PAPR PRODS INC	New York Telephone
	Flamingo Tissue Corp	New York Telephone
	Lang Louis H & Bros pkgng	New York Telephone
	Marcus Packaging Co Inc Div Canover Papr Prods Inc	New York Telephone

5570 47TH ST

Year	Uses	Source
2017	BIMBO BAKERIES USA	Cole Information Services
2014	GEORGE WESTON BAKERIES	Cole Information Services
2009	GEORGE WESTON BAKERIES	Cole Information Services
2005	George Weston Foods Inc	Hill-Donnelly Information Services
	DOT Transport Inc	Hill-Donnelly Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services
	GEORGE WESTON BAKERIES	Cole Information Services
2000	VSM Dstrbtn Corp	Cole Information Services
1999	VSM DSTRBTN CORPORATION	Cole Information Services
1994	VSM DSTRBTN CORP	Cole Information Services
	MUSHROOM TRANSPORTATION	Cole Information Services
1991	Dot Transport Inc	NYNEX Information Resource Company
	Con Spec Dstrbtrs Inc	NYNEX Information Resource Company
1983	Dot Transport Co	New York Telephone
	Con Spec Dstrbtrs Inc	New York Telephone
	Con Spec Dstrbtrs Inc	New York Telephone
1976	Con Spec Distributors Inc	New York Telephone
1970	Mercury Motor Express Inc pick up svce	New York Telephone
	Dot Transport Inc	New York Telephone
	Arjay Truckg Co Inc	New York Telephone

FINDINGS

Year	Uses	Source
1970	Almara Distribtrs Inc	New York Telephone

5580 47TH ST

Year	Uses	Source
2005	CBL Trucking Inc 10 0718 456 7207 o	Hill-Donnelly Information Services
2000	Dot Transport Inc	Cole Information Services
1991	C B L Trucking Inc	NYNEX Information Resource Company
1983	Pacific Intermountain Express	New York Telephone
1970	Friedman Exprss Inc	New York Telephone
	Friedmans Exprss Inc	New York Telephone
	Friedmans Express of Wilkes Barre	New York Telephone
	Leonard Consolidatng & Packing Corp	New York Telephone

5585 47TH ST

Year	Uses	Source
1970	Savin Business Machs Corp	New York Telephone

5590 47TH ST

Year	Uses	Source
2005	Hay Brothers Truck & Trailer	Hill-Donnelly Information Services
	Fed Ex Ground	Hill-Donnelly Information Services
1991	St Johnsbury Trucking Co Inc	NYNEX Information Resource Company
	ST JOHNSBURY TRUCKING COMPANY INC	NYNEX Information Resource Company
1983	St Johnsbury Trucking Company Inc	New York Telephone
1970	WOODINS EXPRESS COMPANY INC	New York Telephone
	ST JOHNS BURY TRUCKG COMPANY INC	New York Telephone
1967	Woodins Express Co Inc	New York Telephone

5600 47TH ST

Year	Uses	Source
1967	Carrano Const Co Inc	New York Telephone

5605 47TH ST

Year	Uses	Source
1970	Metro Screen Process	New York Telephone
	Metro Transit Advtg NY Div of Metro Media Inc	New York Telephone
1967	Glasser Bros Processing Inc	New York Telephone

FINDINGS

5645 47TH ST

Year	Uses	Source
1970	Signal Warehse	New York Telephone
	Traffic Signal Maintenance @Long Island City@	New York Telephone

5311 58TH ST

53 5311 58TH ST

Year	Uses	Source
1962	No	New York Telephone Directory

58TH AVE

4592 58TH AVE

Year	Uses	Source
1934	Brandnn Eug F stnltr	R. L. Polk & Co.

5077 58TH AVE

Year	Uses	Source
2000	Zbigniew Lenard	Cole Information Services
	S Orzechowski	Cole Information Services

5193 58TH AVE

Year	Uses	Source
1962	Avezzano Guy V	New York Telephone Directory

5315 58TH AVE

Year	Uses	Source
1962	Reynolds Richd L	New York Telephone Directory

58TH PL

5111 58TH PL

Year	Uses	Source
1976	LACHENMAYR BROS	New York Telephone
1970	LACHENMAYR BROS	New York Telephone
1967	LACHENMAYR BROS	New York Telephone
1962	Lacheripsayr Bros	New York Telephone Directory

FINDINGS

5130 58TH PL

Year	Uses	Source
1991	Food Complex Co	NYNEX Information Resource Company
1983	Food Complex Co	New York Telephone

5140 58TH PL

Year	Uses	Source
1991	Arwell Food Corp	NYNEX Information Resource Company
1983	Arwell Food Corp	New York Telephone

5210 58TH PL

Year	Uses	Source
1962	Crynes R A Inc	New York Telephone Directory

5302 58TH PL

Year	Uses	Source
1962	Schmidt Arthur	New York Telephone Directory

58TH RD

4715 58TH RD

Year	Uses	Source
1934	Steadman Gene Matilda slsmn	R. L. Polk & Co.

4716 58TH RD

Year	Uses	Source
1939	Massiello Jas btchr	New York Telephone Company

4801 58TH RD

Year	Uses	Source
2005	Queens Sanitation Dept	Hill-Donnelly Information Services
2000	Cty Snttn Dpt	Cole Information Services
1999	N Y CITY OF SANITATION DEPARTMENT OF	Cole Information Services

4826 58TH RD

Year	Uses	Source
1934	Henn Maximillan Cath collr	R. L. Polk & Co.

FINDINGS

5801 58TH RD

Year	Uses	Source
1934	Hollywood Laundry Corp NY Emanuel H Gross pres Jos Weichner sec Aaron Cohen treas Steam Indry	R. L. Polk & Co.
	Hollywood Laundry Corp Y Emanuel H Gross pres Jos Weichner sec Aaron Cohen treas steam indry	R. L. Polk & Co.

5815 58TH RD

Year	Uses	Source
2000	Edc Construction	Cole Information Services

58TH ST

4711 58TH ST

Year	Uses	Source
2005	H Cadenillas A AC	Hill-Donnelly Information Services

4811 58TH ST

Year	Uses	Source
2005	H Rodriguez A C os	Hill-Donnelly Information Services

5105 58TH ST

Year	Uses	Source
1983	Golden Key Mobil Svce Sta	New York Telephone
1976	Blue Circle Diner	New York Telephone

5226 58TH ST

Year	Uses	Source
1934	Door Nathan Dorr Bros Inc	R. L. Polk & Co.

5235 58TH ST

Year	Uses	Source
1991	Buds Snack Bar	NYNEX Information Resource Company
1970	Leos Coffee Shop	New York Telephone
	Queens West	New York Telephone
	Queens Boro Office East	New York Telephone
	Bulk Collectn Svces Queens East	New York Telephone
1967	Queens West	New York Telephone
	Queens East	New York Telephone
	Queens Boro Office East	New York Telephone
	NRS Const Corp	New York Telephone

FINDINGS

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
4592 58TH AVE	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1996, 1994, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
4711 58TH ST	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4715 58TH RD	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1996, 1994, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
4716 58TH RD	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1996, 1994, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1934, 1922
4801 58TH RD	2017, 2014, 2009, 2004, 1999, 1996, 1994, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4801 58TH RD	2017, 2014, 2009, 2005, 2004, 2000, 1996, 1994, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4811 58TH ST	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4826 58TH RD	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1996, 1994, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
5077 58TH AVE	2017, 2014, 2009, 2005, 2004, 1999, 1996, 1994, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
5105 58TH ST	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1996, 1994, 1991, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
5111 58TH PL	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1996, 1994, 1991, 1983, 1950, 1945, 1939, 1934, 1922
5130 58TH PL	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1996, 1994, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
5140 58TH PL	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1996, 1994, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
5193 58TH AVE	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1996, 1994, 1991, 1983, 1976, 1970, 1967, 1950, 1945, 1939, 1934, 1922
5210 58TH PL	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1996, 1994, 1991, 1983, 1976, 1970, 1967, 1950, 1945, 1939, 1934, 1922
5226 58TH ST	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1996, 1994, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
5235 58TH ST	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1996, 1994, 1983, 1976, 1962, 1950, 1945, 1939, 1934, 1922
53 5311 58TH ST	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1996, 1994, 1991, 1983, 1976, 1970, 1967, 1950, 1945, 1939, 1934, 1922
5302 58TH PL	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1996, 1994, 1991, 1983, 1976, 1970, 1967, 1950, 1945, 1939, 1934, 1922
5315 58TH AVE	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1996, 1994, 1991, 1983, 1976, 1970, 1967, 1950, 1945, 1939, 1934, 1922
5565 47TH ST	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1996, 1994, 1991, 1983, 1976, 1962, 1950, 1945, 1939, 1934, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
5570 47TH ST	2017, 2014, 2009, 2004, 1999, 1996, 1994, 1967, 1962, 1950, 1945, 1939, 1934, 1922
5570 47TH ST	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
5580 47TH ST	2017, 2014, 2009, 2004, 1999, 1996, 1994, 1976, 1967, 1962, 1950, 1945, 1939, 1934, 1922
5585 47TH ST	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1996, 1994, 1991, 1983, 1976, 1967, 1962, 1950, 1945, 1939, 1934, 1922
5590 47TH ST	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1976, 1962, 1950, 1945, 1939, 1934, 1922
5600 47TH ST	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1996, 1994, 1991, 1983, 1976, 1970, 1962, 1950, 1945, 1939, 1934, 1922
5605 47TH ST	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1996, 1994, 1991, 1983, 1976, 1962, 1950, 1945, 1939, 1934, 1922
5645 47TH ST	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1996, 1994, 1991, 1983, 1976, 1967, 1962, 1950, 1945, 1939, 1934, 1922
5801 58TH RD	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1996, 1994, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
5815 58TH RD	2017, 2014, 2009, 2005, 2004, 1999, 1996, 1994, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
57-00, 57-05, 57-57, and 58-20 47th Street	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1996, 1994, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922

Appendix M

Environmental Lien Search

47th Street - Maspeth
57-00, 57-05, 57-57, and 58-20 47th Street
Maspeth, NY 11378

Inquiry Number: 6545368.5
June 23, 2021

EDR Environmental Lien and AUL Search

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

EDR Environmental Lien and AUL Search

The EDR Environmental Lien and AUL Search Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction orforecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

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EDR Environmental Lien and AUL Search

TARGET PROPERTY INFORMATION

ADDRESS

57-00, 57-05, 57-57, and 58-20 47th Street
47th Street - Maspeth
Maspeth, NY 11378

ENVIRONMENTAL LIEN

Environmental Lien: Found ☐ Not Found ☒

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

AULs: Found ☐ Not Found ☒

RESEARCH SOURCE

Source 1:

New York City Register of Deeds
Queens, NY

PROPERTY INFORMATION

Deed 1:

Type of Deed:	Indenture
Title is vested in:	EL Family Property Owner LLC et al
Title received from:	Sabatino Lamana et al
Deed Dated	11/13/2020
Deed Recorded:	11/20/2020
Book:	NA
Page:	NA
Volume:	NA
Instrument:	2020111700949005
Docket:	NA
Land Record Comments:	see exhibit
Miscellaneous Comments:	NA
Legal Description:	see exhibit
Legal Current Owner:	EL Family Property Owner LLC et al
Parcel # / Property Identifier:	block 2601 lot 1
Comments:	see exhibit

Deed 2:

Type of Deed:	Indenture
Title is vested in:	RL Family Property Owner LLC et al
Title received from:	57-57 47th Street Mack LLC
Deed Dated	11/13/2020
Deed Recorded:	11/20/2020
Book:	NA
Page:	NA
Volume:	NA
Instrument:	2020111700949007
Docket:	NA
Land Record Comments:	see exhibit
Miscellaneous Comments:	NA
Legal Description:	see exhibit
Legal Current Owner:	RL Family Property Owner LLC et al
Parcel # / Property Identifier:	block 2602 lot 68
Comments:	see exhibit

Deed 3:

Type of Deed:	Indenture
Title is vested in:	RL Family Property Owner LLC et al
Title received from:	Fumo LLC
Deed Dated	11/13/2020

Deed Recorded:	11/20/2020
Book:	NA
Page:	NA
Volume:	NA
Instrument:	2020111700949003
Docket:	NA
Land Record Comments:	see exhibit
Miscellaneous Comments:	NA
Legal Description:	see exhibit
Legal Current Owner:	RL Family Property Owner LLC et al
Parcel # / Property Identifier:	block 2602 lot 72
Comments:	see exhibit

Deed 4:

Type of Deed:	Indenture
Title is vested in:	RL Family Property Owner LLC et al
Title received from:	57-00 Maspeth Avenue LLC
Deed Dated	11/13/2020
Deed Recorded:	11/20/2020
Book:	NA
Page:	NA
Volume:	NA
Instrument:	2020111700949001
Docket:	NA
Land Record Comments:	see exhibit
Miscellaneous Comments:	NA
Legal Description:	see exhibit
Legal Current Owner:	RL Family Property Owner LLC et al
Parcel # / Property Identifier:	block 2601 lot 6
Comments:	see exhibit

Deed Exhibit 1

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

This page is part of the instrument. The City Register will rely on the information provided by you on this page for purposes of indexing this instrument. The information on this page will control for indexing purposes in the event of any conflict with the rest of the document.

2020111700949005004E983C

RECORDING AND ENDORSEMENT COVER PAGE **PAGE 1 OF 6**

Document ID: 2020111700949005 Document Date: 11-13-2020 Preparation Date: 11-17-2020
Document Type: DEED
Document Page Count: 4

PRESENTER:
BETTER RESEARCH LLC
1 PARAGON DRIVE - RALS-39291
SUITE 150B
MONTVALE, NJ 07645
REC@BETTERTITLERESEARCH.COM

RETURN TO:
BETTER RESEARCH LLC
1 PARAGON DRIVE - RALS-39291
SUITE 150B
MONTVALE, NJ 07645
REC@BETTERTITLERESEARCH.COM

PROPERTY DATA

Borough	Block	Lot	Unit	Address
QUEENS	2601	1	Entire Lot	58-20 47TH STREET

Property Type: INDUSTRIAL BUILDING

CROSS REFERENCE DATA

CRFN_____ *or* DocumentID_____ *or* _____ Year_____ Reel____ Page_____ *or* File Number_____

PARTIES

GRANTOR/SELLER:
SABATINO LAMANNA
248-22 BROOKVILLE BLVD
ROSEDALE, NY 11422

☒ Additional Parties Listed on Continuation Page

GRANTEE/BUYER:
SLMJL FAMILY PROPERTY OWNER LLC
248-22 BROOKVILLE BLVD
ROSEDALE, NY 11422

FEES AND TAXES

Mortgage :

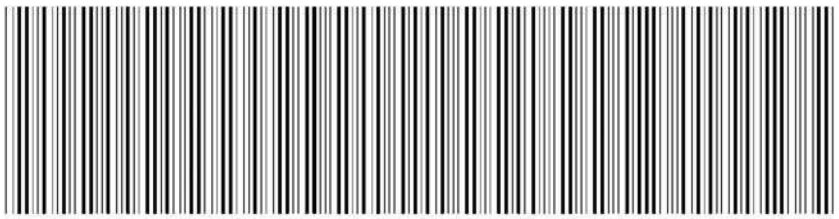
Mortgage Amount:	$	0.00
Taxable Mortgage Amount:	$	0.00
Exemption:		
TAXES: County (Basic):	$	0.00
City (Additional):	$	0.00
Spec (Additional):	$	0.00
TASF:	$	0.00
MTA:	$	0.00
NYCTA:	$	0.00
Additional MRT:	$	0.00
TOTAL:	$	0.00
Recording Fee:	$	57.00
Affidavit Fee:	$	0.00

Filing Fee:	$	250.00
NYC Real Property Transfer Tax:	$	0.00
NYS Real Estate Transfer Tax:	$	0.00

RECORDED OR FILED IN THE OFFICE OF THE CITY REGISTER OF THE CITY OF NEW YORK
Recorded/Filed 11-20-2020 09:28
City Register File No.(CRFN): **2020000326471**

City Register Official Signature

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER



2020111700949005004C9ABC

RECORDING AND ENDORSEMENT COVER PAGE (CONTINUATION) **PAGE 2 OF 6**

Document ID: 2020111700949005 Document Date: 11-13-2020 Preparation Date: 11-17-2020
Document Type: DEED

PARTIES

GRANTOR/SELLER:
EMILIO LAMANNA
248-22 BROOKVILLE BLVD
ROSEDALE, NY 11422

PARTIES

GRANTEE/BUYER:
EL FAMILY PROPERTY OWNER LLC
248-22 BROOKVILLE BLVD
ROSEDALE, NY 11422

Bargain and Sale Deed, without Covenant against Grantor's Acts--Ind. or Corp.

CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT--THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY.

THIS INDENTURE, made as of this 13th day of November, 2020,

BETWEEN

SABATINO LAMANNA and **EMILIO LAMANNA**, each having an address at 248-22 Brookville Boulevard, Rosedale, New York 11422,

party of the first part, and

EL FAMILY PROPERTY OWNER LLC, a New York limited liability company, as to a fifty percent (50%) undivided interest, and **SLMJL FAMILY PROPERTY OWNER LLC,** a New York limited liability company, as to a fifty percent (50%) undivided interest, each having an address at 248-22 Brookville Boulevard, Rosedale, New York 11422, with the two (2) grantees hold title as tenants-in-common,

party of the second part.

Tax Map Designation:

Block: 2601
Lot(s): 1
Queens County
Section: 14

Address:
58-20 47th St.,
Flushing, NY

WITNESSETH, that the party of the first part, in consideration of ten dollars and other valuable consideration paid by the party of the second part does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever,

ALL, that certain plot, piece or parcel of land and all buildings and improvements thereon erected situated, lying and being more particularly described in Schedule "A" annexed hereto and forming a part hereof.

TOGETHER with all right, title and interest, if any, of the party of the first part in and to any streets and highways abutting the above described premises to the center lines thereof; **TOGETHER** with the appurtenances and all the estate and rights of the party of the first part in and to said premises; **TO HAVE AND TO HOLD** the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever;

AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.

The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

The Premises herein described are the same and are intended to be the same as those conveyed to the party of the first part by deed dated December 31, 2008 and recorded February 5, 2009 in the Office of the City Register of the City of New York at CRFN 2009000034446.

[End of Text; Signature Page to Follow]

SCHEDULE A

All that certain plot, piece or parcel of land, situate, lying and being in the Borough of Queens, County of Queens, City and State of New York, bounded and described as follows:

BEGINNING at the corner formed by the intersection of the southerly side of Maspeth Avenue (66 feet wide) with the westerly side of 47th Street (70 feet wide);

RUNNING THENCE southerly along the westerly side of 47th Street, 85 feet to a point;

THENCE westerly parallel with the southerly side of Maspeth Avenue, 195.27 feet to the southeasterly side of Newtown Creek;

THENCE northeasterly along the southeasterly side of Newton Creek 90.15 feet to the southerly side of Maspeth Avenue;

THENCE easterly along the southerly side of Maspeth Avenue, 163.51 feet to the point or place of BEGINNING.

[Signature Page to Deed – 58-20 Maspeth Avenue]

IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above written.

SABATINO LAMANNA

EMILIO LAMANNA

UNIFORM FORM CERTIFICATE OF ACKNOWLEDGMENT
(Within New York State)

State of New York)
:ss.:
County of New York)

DAVID O'NEILL
Notary Public, State of New York
No. 01ON6202621
Qualified in Nassau County
Commission Expires March 23, 2021

On the 13th day of November, in the year 2020, before me, the undersigned, personally appeared Sabatino Lamanna, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

(Signature and Office of individual taking acknowledgment)

DAVID O'NEILL

NOTARY PUBLIC, STATE OF NY

NO. 01ON6202621

QUALIFIED IN NASSAU CO.

EXP. 03/23/2021

State of New York)
:ss.:
County of New York)

DAVID O'NEILL
Notary Public, State of New York
No. 01ON6202621
Qualified in Nassau County
Commission Expires March 23, 2021

On the 13th day of November, in the year 2020, before me, the undersigned, personally appeared Emilio Lamanna, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

(Signature and Office of individual taking acknowledgment)

DAVID O'NEILL

NOTARY PUBLIC, STATE OF NY

NO. 01ON6202621

QUALIFIED IN NASSAU CO.

EXP. 03/23/2021

00404611.1

Bargain and Sale Deed
Without Covenant Against Grantor's Acts

BLOCK: 2601
LOT: 1
COUNTY: Queens

EMILIO LAMANNA and **SABATINO LAMANNA**

TO

RL FAMILY PROPERTY OWNER LLC, EL FAMILY PROPERTY OWNER LLC, and **SLMJL FAMILY PROPERTY OWNER LLC**

RETURN BY MAIL TO:

Goldfarb & Fleece LLP
560 Lexington Avenue, 6th Floor
New York, New York 10022
Attention: Michael Bollag, Esq.

00404611.1

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

2020111700949005004S56BD

SUPPORTING DOCUMENT COVER PAGE **PAGE 1 OF 1**

Document ID: 2020111700949005 Document Date: 11-13-2020 Preparation Date: 11-17-2020
Document Type: DEED

ASSOCIATED TAX FORM ID: 2020100800047

SUPPORTING DOCUMENTS SUBMITTED:

	Page Count
DEP CUSTOMER REGISTRATION FORM FOR WATER AND SEWER BILLING	1
RP - 5217 REAL PROPERTY TRANSFER REPORT	3

FOR CITY USE ONLY

C1. County Code | | C2. Date Deed Recorded | / / | Month Day Year

C3. Book OR C5. CRFN | | C4. Page | |

REAL PROPERTY TRANSFER REPORT

STATE OF NEW YORK
STATE BOARD OF REAL PROPERTY SERVICES

RP - 5217NYC

PROPERTY INFORMATION

1. Property Location: 58-20 (STREET NUMBER) | 47TH STREET (STREET NAME) | QUEENS (BOROUGH) | 11378 (ZIP CODE)

2. Buyer Name: SLMJL FAMILY PROPERTY OWNER LLC (LAST NAME / COMPANY) | (FIRST NAME)

EL FAMILY PROPERTY OWNER LLC (LAST NAME / COMPANY) | (FIRST NAME)

3. Tax Billing Address: Indicate where future Tax Bills are to be sent if other than buyer address (at bottom of form) | (LAST NAME / COMPANY) | (FIRST NAME)

(STREET NUMBER AND STREET NAME) | (CITY OR TOWN) | (STATE) | (ZIP CODE)

4. Indicate the number of Assessment Roll parcels transferred on the deed: 1 # of Parcels OR ☐ Part of a Parcel

4A. Planning Board Approval - N/A for NYC

4B. Agricultural District Notice - N/A for NYC

5. Deed Property Size: | (FRONT FEET) X | (DEPTH) OR | (ACRES)

Check the boxes below as they apply:

6. Ownership Type is Condominium ☐

7. New Construction on Vacant Land ☐

8. Seller Name: LAMANNA (LAST NAME / COMPANY) | SABATINO (FIRST NAME)

LAMANNA (LAST NAME / COMPANY) | EMILIO (FIRST NAME)

9. Check the box below which most accurately describes the use of the property at the time of sale:

A ☐ One Family Residential
B ☐ 2 or 3 Family Residential
C ☐ Residential Vacant Land
D ☐ Non-Residential Vacant Land
E ☐ Commercial
F ☐ Apartment
G ☐ Entertainment / Amusement
H ☐ Community Service
I ☑ Industrial
J ☐ Public Service

SALE INFORMATION

10. Sale Contract Date: 11 / 13 / 2020 (Month Day Year)

11. Date of Sale / Transfer: 11 / 13 / 2020 (Month Day Year)

12. Full Sale Price: $ 0

(Full Sale Price is the total amount paid for the property including personal property. This payment may be in the form of cash, other property or goods, or the assumption of mortgages or other obligations.) *Please round to the nearest whole dollar amount.*

13. Indicate the value of personal property included in the sale:

14. Check one or more of these conditions as applicable to transfer:

A ☑ Sale Between Relatives or Former Relatives
B ☑ Sale Between Related Companies or Partners in Business
C ☐ One of the Buyers is also a Seller
D ☐ Buyer or Seller is Government Agency or Lending Institution
E ☐ Deed Type **not** Warranty or Bargain and Sale (Specify Below)
F ☐ Sale of Fractional or Less than Fee Interest (Specify Below)
G ☐ Significant Change in Property Between Taxable Status and Sale Dates
H ☐ Sale of Business is Included in Sale Price
I ☐ Other Unusual Factors Affecting Sale Price (Specify Below)
J ☐ None

ASSESSMENT INFORMATION - Data should reflect the latest Final Assessment Roll and Tax Bill

15. Building Class: Z 9

16. Total Assessed Value (of all parcels in transfer): 2,142,000

17. Borough, Block and Lot / Roll Identifier(s) (If more than three, attach sheet with additional identifier(s))

QUEENS 2601 1

2020100800047201O4

CERTIFICATION

I certify that all of the items of information entered on this form are true and correct (to the best of my knowledge and belief) and understand that the making of any willful false statement of material fact herein will subject me to the provisions of the penal law relative to the making and filing of false instruments.

BUYER

BUYER SIGNATURE | DATE: 11.12.20

SABATINO LAMANNA, MEMBER

248-22 BROOKVILLE BLVD

STREET NUMBER | STREET NAME (AFTER SALE)

ROSEDALE | NY | 11422

CITY OR TOWN | STATE | ZIP CODE

BUYER'S ATTORNEY

LAST NAME | FIRST NAME

AREA CODE | TELEPHONE NUMBER

SELLER

SELLER SIGNATURE | DATE: 11.13.20

2020100800047201

CERTIFICATION

I certify that all of the items of information entered on this form are true and correct (to the best of my knowledge and belief) and understand that the making of any willful false statement of material fact herein will subject me to the provisions of the penal law relative to the making and filing of false instruments.

BUYERS		SELLERS	
Buyer Signature EMILIO LAMANNA, MEMBER	Date 11.12.20	Seller Signature	Date 11.12.20
Buyer Signature SABATINO LAMANNA, MEMBER	Date 11.12.20	Seller Signature	Date 11.13.20
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date

2020100800047201

The City of New York
Department of Environmental Protection
Bureau of Customer Services
59-17 Junction Boulevard
Flushing, NY 11373-5108

Customer Registration Form for Water and Sewer Billing

Property and Owner Information:

(1) Property receiving service: BOROUGH: QUEENS BLOCK: 2601 LOT: 1

(2) Property Address: 58-20 47TH STREET, QUEENS, NY 11378

(3) Owner's Name: SLMJL FAMILY PROPERTY OWNER LLC

Additional Name: EL FAMILY PROPERTY OWNER LLC

Affirmation:

☑ Your water & sewer bills will be sent to the property address shown above.

Customer Billing Information:

Please Note:

A. Water and sewer charges are the legal responsibility of the owner of a property receiving water and/or sewer service. The owner's responsibility to pay such charges is not affected by any lease, license or other arrangement, or any assignment of responsibility for payment of such charges. Water and sewer charges constitute a lien on the property until paid. In addition to legal action against the owner, a failure to pay such charges when due may result in foreclosure of the lien by the City of New York, the property being placed in a lien sale by the City or Service Termination.

B. Original bills for water and/or sewer service will be mailed to the owner, **at the property address or to an alternate mailing address**. DEP will provide a duplicate copy of bills to one other party (such as a managing agent), however, any failure or delay by DEP in providing duplicate copies of bills shall in no way relieve the owner from his/her liability to pay all outstanding water and sewer charges. Contact DEP at (718) 595-7000 during business hours or visit www.nyc.gov/dep to provide us with the other party's information.

Owner's Approval:

The undersigned certifies that he/she/it is the owner of the property receiving service referenced above; that he/she/it has read and understands Paragraphs A & B under the section captioned "Customer Billing Information"; and that the information supplied by the undersigned on this form is true and complete to the best of his/her/its knowledge.

Print Name of Owner

Signature: _____ Date (mm/dd/yyyy) 11/13/2020

Name and Title of Person Signing for Owner, if applicable: SABATINO LAMANNA, MEMBER

BCS-7CRF-ACRIS REV. 8/08

2020100800047101

Deed Exhibit 2

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

This page is part of the instrument. The City Register will rely on the information provided by you on this page for purposes of indexing this instrument. The information on this page will control for indexing purposes in the event of any conflict with the rest of the document.

2020111700949007004E5845

RECORDING AND ENDORSEMENT COVER PAGE **PAGE 1 OF 6**

Document ID: 2020111700949007 Document Date: 11-13-2020 Preparation Date: 11-17-2020
Document Type: DEED
Document Page Count: 4

PRESENTER:
BETTER RESEARCH LLC
1 PARAGON DRIVE - RALS-39291
SUITE 150B
MONTVALE, NJ 07645
REC@BETTERTITLERESEARCH.COM

RETURN TO:
BETTER RESEARCH LLC
1 PARAGON DRIVE - RALS-39291
SUITE 150B
MONTVALE, NJ 07645
REC@BETTERTITLERESEARCH.COM

PROPERTY DATA

Borough	Block	Lot	Unit	Address
QUEENS	2602	68	Entire Lot	57-57 47TH STREET

Property Type: INDUSTRIAL BUILDING

CROSS REFERENCE DATA

CRFN_____ *or* DocumentID_____ *or* _____ Year_____ Reel____ Page_____ *or* File Number_____

PARTIES

GRANTOR/SELLER:
57-57 47TH STREET MACK, LLC
248-22 BROOKVILLE BLVD
ROSEDALE, NY 11422

☒ Additional Parties Listed on Continuation Page

GRANTEE/BUYER:
RL FAMILY PROPERTY OWNER LLC
248-22 BROOKVILLE BLVD
ROSEDALE, NY 11422

FEES AND TAXES

Mortgage :		
Mortgage Amount:	$	0.00
Taxable Mortgage Amount:	$	0.00
Exemption:		
TAXES: County (Basic):	$	0.00
City (Additional):	$	0.00
Spec (Additional):	$	0.00
TASF:	$	0.00
MTA:	$	0.00
NYCTA:	$	0.00
Additional MRT:	$	0.00
TOTAL:	$	0.00
Recording Fee:	$	57.00
Affidavit Fee:	$	0.00

Filing Fee:	$	250.00
NYC Real Property Transfer Tax:	$	0.00
NYS Real Estate Transfer Tax:	$	0.00

RECORDED OR FILED IN THE OFFICE OF THE CITY REGISTER OF THE CITY OF NEW YORK
Recorded/Filed 11-20-2020 09:28
City Register File No.(CRFN): **2020000326473**

City Register Official Signature

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

2020111700949007004C5AC5

RECORDING AND ENDORSEMENT COVER PAGE (CONTINUATION) **PAGE 2 OF 6**

Document ID: 2020111700949007 Document Date: 11-13-2020 Preparation Date: 11-17-2020
Document Type: DEED

PARTIES

GRANTEE/BUYER:
EL FAMILY PROPERTY OWNER LLC
248-22 BROOKVILLE BLVD
ROSEDALE, NY 11422

GRANTEE/BUYER:
SLMJL FAMILY PROPERTY OWNER LLC
248-22 BROOKVILLE BLVD
ROSEDALE, NY 11422

Bargain and Sale Deed, without Covenant against Grantor's Acts--Ind. or Corp.

CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT--THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY.

THIS INDENTURE, made as of this 13th day of November, 2020,

BETWEEN

57-57 47TH STREET MACK, LLC, a New York limited liability company, having an address at 248-22 Brookville Boulevard, Rosedale, New York 11422,

party of the first part, and

RL FAMILY PROPERTY OWNER LLC, a New York limited liability company, as to a one-third (1/3rd) undivided interest, **EL FAMILY PROPERTY OWNER LLC,** a New York limited liability company, as to a one-third (1/3rd) undivided interest, and **SLMJL FAMILY PROPERTY OWNER LLC,** a New York limited liability company, as to a one-third (1/3rd) undivided interest, each having an address at 248-22 Brookville Boulevard, Rosedale, New York 11422, with the three (3) grantees hold title as tenants-in-common,

party of the second part.

Tax Map Designation:

Block: 2602
Lot(s): 68
Queens County
Section: 14

Address:
57-57 47th St.,
Flushing, NY

WITNESSETH, that the party of the first part, in consideration of ten dollars and other valuable consideration paid by the party of the second part does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever,

ALL, that certain plot, piece or parcel of land and all buildings and improvements thereon erected situated, lying and being more particularly described in Schedule "A" annexed hereto and forming a part hereof.

TOGETHER with all right, title and interest, if any, of the party of the first part in and to any streets and highways abutting the above described premises to the center lines thereof; **TOGETHER** with the appurtenances and all the estate and rights of the party of the first part in and to said premises; **TO HAVE AND TO HOLD** the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever;

AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.

The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

The Premises herein described are the same and are intended to be the same as those conveyed to the party of the first part by deed dated November 28, 2012 and recorded December 12, 2012 in the Office of the City Register of the City of New York at CRFN 2012000427681.

[End of Text; Signature Page to Follow]

https://a836-acris.nyc.gov/DS/DocumentSearch/DocumentImageView?doc_id=2020111700949007 3/12

[Signature Page to Deed – 57-57 Maspeth Avenue]

IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above written.

57-57 47TH STREET MACK, LLC

By: Rossana Bortone
Name: ROSSANA BORTONE
Title: Manager MANAGING MEMBER

UNIFORM FORM CERTIFICATE OF ACKNOWLEDGMENT
(Within New York State)

State of New York)
:ss.:
County of New York)

DAVID O'NEILL
Notary Public, State of New York
No. 01ON6202621
Qualified in Nassau County
Commission Expires March 23, 2021

On the 13th day of November, in the year 2020, before me, the undersigned, personally appeared ROSSANA BORTONE personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

David O'Neill
(Signature and Office of individual taking acknowledgment)

DAVID O'NEILL

NOTARY PUBLIC, STATE OF NY

NO. 01ON6202621

QUALIFIED IN NASSAU CO

EXP. 03/23/2021

Bargain and Sale Deed
Without Covenant Against Grantor's Acts

BLOCK: 2602
LOT: 68
COUNTY: Queens

57-57 47TH STREET MACK, LLC

TO

RL FAMILY PROPERTY OWNER LLC, EL FAMILY PROPERTY OWNER LLC, and SLMJL FAMILY PROPERTY OWNER LLC

RETURN BY MAIL TO:

Goldfarb & Fleece LLP
560 Lexington Avenue, 6th Floor
New York, New York 10022
Attention: Michael Bollag, Esq.

SCHEDULE A

All that certain plot, piece or parcel of land, situate, lying and being in the Borough of Queens, County of Queens, City and State of New York, bounded and described as follows:

BEGINNING at a point on the easterly side of 47th Street (70 feet wide), distant 200 feet southerly from the corner from the corner formed by the intersection of the easterly side of 47th Street with the southerly side of 58th Road, formerly known as Maspeth Avenue (66 feet wide);

RUNNING THENCE easterly at right angles to the easterly side of 47th Street, 78.91 feet to a point; THENCE

southwesterly along a line forming an angle on the southwest with the last mentioned course of 76 degrees 45 minutes 31 seconds, 39.24 feet to a point;

THENCE again southwesterly along a line forming an angle on the northwest with the last mentioned course of 157 degrees 27 minutes 25 seconds, 86.06 feet to a point;

THENCE westerly at right angles to the easterly side of 47th Street, 19.60 feet to the easterly side of 47th Street;

THENCE northerly along the easterly side of 47th Street, 108.01 feet to the point or place of BEGINNING.

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

2020111700949007004S96C4

SUPPORTING DOCUMENT COVER PAGE **PAGE 1 OF 1**

Document ID: 2020111700949007 Document Date: 11-13-2020 Preparation Date: 11-17-2020
Document Type: DEED

ASSOCIATED TAX FORM ID: 2020100800057

SUPPORTING DOCUMENTS SUBMITTED:

	Page Count
DEP CUSTOMER REGISTRATION FORM FOR WATER AND SEWER BILLING	1
RP - 5217 REAL PROPERTY TRANSFER REPORT	4

FOR CITY USE ONLY

C1. County Code | | C2. Date Deed Recorded | / / | Month Day Year

C3. Book OR C5. CRFN | | C4. Page | |

REAL PROPERTY TRANSFER REPORT

STATE OF NEW YORK
STATE BOARD OF REAL PROPERTY SERVICES

RP - 5217NYC

PROPERTY INFORMATION

1. Property Location: 57-57 (STREET NUMBER) | 47TH STREET (STREET NAME) | QUEENS (BOROUGH) | 11378 (ZIP CODE)

2. Buyer Name: RL FAMILY PROPERTY OWNER LLC (LAST NAME / COMPANY) | (FIRST NAME)

EL FAMILY PROPERTY OWNER LLC (LAST NAME / COMPANY) | (FIRST NAME)

3. Tax Billing Address: Indicate where future Tax Bills are to be sent if other than buyer address (at bottom of form) | (LAST NAME / COMPANY) | (FIRST NAME)

(STREET NUMBER AND STREET NAME) | (CITY OR TOWN) | (STATE) | (ZIP CODE)

4. Indicate the number of Assessment Roll parcels transferred on the deed: | 1 | # of Parcels OR ☐ Part of a Parcel

4A. Planning Board Approval - N/A for NYC

4B. Agricultural District Notice - N/A for NYC

5. Deed Property Size: | (FRONT FEET) X | (DEPTH) OR | (ACRES)

Check the boxes below as they apply:

6. Ownership Type is Condominium ☐

7. New Construction on Vacant Land ☐

8. Seller Name: 57-57 47TH STREET MACK, LLC (LAST NAME / COMPANY) | (FIRST NAME)

(LAST NAME / COMPANY) | (FIRST NAME)

9. Check the box below which most accurately describes the use of the property at the time of sale:

A ☐ One Family Residential
B ☐ 2 or 3 Family Residential
C ☐ Residential Vacant Land
D ☐ Non-Residential Vacant Land
E ☐ Commercial
F ☐ Apartment
G ☐ Entertainment / Amusement
H ☐ Community Service
I ☑ Industrial
J ☐ Public Service

SALE INFORMATION

10. Sale Contract Date: 11 / 13 / 2020 (Month Day Year)

11. Date of Sale / Transfer: 11 / 13 / 2020 (Month Day Year)

12. Full Sale Price $ 0

(Full Sale Price is the total amount paid for the property including personal property. This payment may be in the form of cash, other property or goods, or the assumption of mortgages or other obligations.) *Please round to the nearest whole dollar amount.*

13. Indicate the value of personal property included in the sale

14. Check one or more of these conditions as applicable to transfer:

A ☑ Sale Between Relatives or Former Relatives
B ☑ Sale Between Related Companies or Partners in Business
C ☐ One of the Buyers is also a Seller
D ☐ Buyer or Seller is Government Agency or Lending Institution
E ☐ Deed Type **not** Warranty or Bargain and Sale (Specify Below)
F ☐ Sale of Fractional or Less than Fee Interest (Specify Below)
G ☐ Significant Change in Property Between Taxable Status and Sale Dates
H ☐ Sale of Business is Included in Sale Price
I ☐ Other Unusual Factors Affecting Sale Price (Specify Below)
J ☐ None

ASSESSMENT INFORMATION - Data should reflect the latest Final Assessment Roll and Tax Bill

15. Building Class: O 1

16. Total Assessed Value (of all parcels in transfer): 1,498,500

17. Borough, Block and Lot / Roll Identifier(s) (If more than three, attach sheet with additional identifier(s))

QUEENS 2602 68

20201008000572010 3

CERTIFICATION

I certify that all of the items of information entered on this form are true and correct (to the best of my knowledge and belief) and understand that the making of any willful false statement of material fact herein will subject me to the provisions of the penal law relative to the making and filing of false instruments.

BUYER

Rossana Bortone — 11.13.20
BUYER SIGNATURE — DATE

248-22 BROOKVILLE BLVD — ROSSANA BORTONE, MEMBER
STREET NUMBER — STREET NAME (AFTER SALE)

ROSEDALE — NY — 11422
CITY OR TOWN — STATE — ZIP CODE

BUYER'S ATTORNEY

LAST NAME — FIRST NAME

AREA CODE — TELEPHONE NUMBER

SELLER

Rossana Bortone — 11.13.20
SELLER SIGNATURE — DATE

ROSSANA BORTONE, MEMBER

2020100800057201

Grantee (Buyer)

SLMJL FAMILY PROPERTY OWNER LLC

LAST NAME / COMPANY | FIRST NAME

Grantor (Seller)

LAST NAME / COMPANY | FIRST NAME

Grantee (Buyer)

LAST NAME / COMPANY | FIRST NAME

Grantor (Seller)

LAST NAME / COMPANY | FIRST NAME

Grantee (Buyer)

LAST NAME / COMPANY | FIRST NAME

Grantor (Seller)

LAST NAME / COMPANY | FIRST NAME

Grantee (Buyer)

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Grantor (Seller)

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LAST NAME / COMPANY | FIRST NAME

Grantor (Seller)

LAST NAME / COMPANY | FIRST NAME

Grantee (Buyer)

LAST NAME / COMPANY | FIRST NAME

Grantor (Seller)

LAST NAME / COMPANY | FIRST NAME

Grantee (Buyer)

LAST NAME / COMPANY | FIRST NAME

Grantor (Seller)

LAST NAME / COMPANY | FIRST NAME

20201008000572010 2

Form RP-5217 NYC

ATTACHMENT

CERTIFICATION

I certify that all of the items of information entered on this form are true and correct (to the best of my knowledge and belief) and understand that the making of any willful false statement of material fact herein will subject me to the provisions of the penal law relative to the making and filing of false instruments.

BUYERS

Buyer Signature	Date
EMILIO LAMANNA, MEMBER	11.13.20
SABATINO LAMANNA, MEMBER	11.13.20
ROSSANA BORTONE, MEMBER	11.13.20

SELLERS

Seller Signature	Date
ROSSANA BORTONE, MEMBER	11.13.20

2020100800057201

The City of New York
Department of Environmental Protection
Bureau of Customer Services
59-17 Junction Boulevard
Flushing, NY 11373-5108

www.nyc.gov/dep

Customer Registration Form for Water and Sewer Billing

Property and Owner Information:

(1) **Property receiving service: BOROUGH: QUEENS** **BLOCK: 2602** **LOT: 68**

(2) **Property Address: 57-57 47TH STREET, QUEENS, NY 11378**

(3) **Owner's Name:** **RL FAMILY PROPERTY OWNER LLC**

Additional Name: **EL FAMILY PROPERTY OWNER LLC**

Affirmation:

☑ Your water & sewer bills will be sent to the property address shown above.

Customer Billing Information:

Please Note:

A. Water and sewer charges are the legal responsibility of the owner of a property receiving water and/or sewer service. The owner's responsibility to pay such charges is not affected by any lease, license or other arrangement, or any assignment of responsibility for payment of such charges. Water and sewer charges constitute a lien on the property until paid. In addition to legal action against the owner, a failure to pay such charges when due may result in foreclosure of the lien by the City of New York, the property being placed in a lien sale by the City or Service Termination.

B. Original bills for water and/or sewer service will be mailed to the owner, **at the property address or to an alternate mailing address**. DEP will provide a duplicate copy of bills to one other party (such as a managing agent), however, any failure or delay by DEP in providing duplicate copies of bills shall in no way relieve the owner from his/her liability to pay all outstanding water and sewer charges. Contact DEP at (718) 595-7000 during business hours or visit www.nyc.gov/dep to provide us with the other party's information.

Owner's Approval:

The undersigned certifies that he/she/it is the owner of the property receiving service referenced above; that he/she/it has read and understands Paragraphs A & B under the section captioned "Customer Billing Information"; and that the information supplied by the undersigned on this form is true and complete to the best of his/her/its knowledge.

Print Name of Owner: RL FAMILY PROPERTY OWNER LLC

Signature: Rossana Bortone Date (mm/dd/yyyy): 11/13/2020

Name and Title of Person Signing for Owner, if applicable: ROSSANA BORTONE, MEMBER

BCS-7CRF-ACRIS REV. 8/08

2020100800057101

Deed Exhibit 3

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

This page is part of the instrument. The City Register will rely on the information provided by you on this page for purposes of indexing this instrument. The information on this page will control for indexing purposes in the event of any conflict with the rest of the document.

2020111700949003002E38B7

RECORDING AND ENDORSEMENT COVER PAGE **PAGE 1 OF 6**

Document ID: 2020111700949003 Document Date: 11-13-2020 Preparation Date: 11-17-2020
Document Type: DEED
Document Page Count: 4

PRESENTER:
BETTER RESEARCH LLC
1 PARAGON DRIVE - RALS-39291
SUITE 150B
MONTVALE, NJ 07645
REC@BETTERTITLERESEARCH.COM

RETURN TO:
BETTER RESEARCH LLC
1 PARAGON DRIVE - RALS-39291
SUITE 150B
MONTVALE, NJ 07645
REC@BETTERTITLERESEARCH.COM

PROPERTY DATA

Borough	Block	Lot	Unit	Address
QUEENS	2602	72	Entire Lot	57-05 47TH STREET

Property Type: INDUSTRIAL BUILDING

CROSS REFERENCE DATA

CRFN_____ *or* DocumentID_____ *or* _____ Year_____ Reel____ Page_____ *or* File Number_____

PARTIES

GRANTOR/SELLER:
FUMO, LLC
248-22 BROOKVILLE BLVD
ROSEDALE, NY 11422

☒ Additional Parties Listed on Continuation Page

GRANTEE/BUYER:
RL FAMILY PROPERTY OWNER LLC
248-22 BROOKVILLE BLVD
ROSEDALE, NY 11422

FEES AND TAXES

Mortgage :		
Mortgage Amount:	$	0.00
Taxable Mortgage Amount:	$	0.00
Exemption:		
TAXES: County (Basic):	$	0.00
City (Additional):	$	0.00
Spec (Additional):	$	0.00
TASF:	$	0.00
MTA:	$	0.00
NYCTA:	$	0.00
Additional MRT:	$	0.00
TOTAL:	$	0.00
Recording Fee:	$	57.00
Affidavit Fee:	$	0.00

Filing Fee:	$	250.00
NYC Real Property Transfer Tax:	$	0.00
NYS Real Estate Transfer Tax:	$	0.00

RECORDED OR FILED IN THE OFFICE OF THE CITY REGISTER OF THE CITY OF NEW YORK
Recorded/Filed 11-20-2020 09:28
City Register File No.(CRFN): **2020000326469**

City Register Official Signature

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

2020111700949003002C3A37

RECORDING AND ENDORSEMENT COVER PAGE (CONTINUATION) **PAGE 2 OF 6**

Document ID: 2020111700949003 Document Date: 11-13-2020 Preparation Date: 11-17-2020
Document Type: DEED

PARTIES

GRANTEE/BUYER:
EL FAMILY PROPERTY OWNER LLC
248-22 BROOKVILLE BLVD
ROSEDALE, NY 11422

GRANTEE/BUYER:
SLMJL FAMILY PROPERTY OWNER LLC
248-22 BROOKVILLE BLVD
ROSEDALE, NY 11422

Bargain and Sale Deed, without Covenant against Grantor's Acts--Ind. or Corp.

CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT--THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY.

THIS INDENTURE, made as of this 13th day of November, 2020,

BETWEEN

FUMO, LLC, a New York limited liability company, having an address at 248-22 Brookville Boulevard, Rosedale, New York 11422,

party of the first part, and

RL FAMILY PROPERTY OWNER LLC, a New York limited liability company, as to a one-third (1/3rd) undivided interest, **EL FAMILY PROPERTY OWNER LLC,** a New York limited liability company, as to a one-third (1/3rd) undivided interest, and **SLMJL FAMILY PROPERTY OWNER LLC,** a New York limited liability company, as to a one-third (1/3rd) undivided interest, each having an address at 248-22 Brookville Boulevard, Rosedale, New York 11422, with the three (3) grantees hold title as tenants-in-common,

party of the second part.

Tax Map Designation:

Block: 2602
Lot(s): 72
Queens County
Section: 14

Address:
57-05 47th St.,
Flushing, NY

WITNESSETH, that the party of the first part, in consideration of ten dollars and other valuable consideration paid by the party of the second part does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever,

ALL, that certain plot, piece or parcel of land and all buildings and improvements thereon erected situated, lying and being more particularly described in Schedule "A" annexed hereto and forming a part hereof.

TOGETHER with all right, title and interest, if any, of the party of the first part in and to any streets and highways abutting the above described premises to the center lines thereof; **TOGETHER** with the appurtenances and all the estate and rights of the party of the first part in and to said premises; **TO HAVE AND TO HOLD** the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever;

AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.

The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

The Premises herein described are the same and are intended to be the same as those conveyed to the party of the first part by deed dated May 31, 2006 and recorded September 26, 2006 in the Office of the City Register of the City of New York at CRFN 2006000542059.

[End of Text; Signature Page to Follow]

SCHEDULE A

All that certain plot, piece or parcel of land, situate, lying and being in the Borough of Queens, County of Queens, City and State of New York, bounded and described as follows:

BEGINNING at the corner formed by the intersection of the southerly side of Maspeth Avenue, 66 feet wide, with the easterly side of 47th Street, 70 feet wide;

RUNNING THENCE easterly along the southerly side of Maspeth Avenue and along the prolongation easterly thereof, 222.76 feet;

THENCE southwesterly along a line forming an interior angle of 54 degrees, 46 minutes, 39 seconds with the preceding course, 242.99 feet;

THENCE westerly at right angles to the easterly side of 47th Street, 78.91 feet to the easterly side of 47th Street;

THENCE northerly along the easterly side of 47th Street, 200 feet to the point or place of BEGINNING.

Bargain and Sale Deed
Without Covenant Against Grantor's Acts

BLOCK: 2602
LOT: 72
COUNTY: Queens

FUMO, LLC

TO

RL FAMILY PROPERTY OWNER LLC, EL FAMILY PROPERTY OWNER LLC, and SLMJL FAMILY PROPERTY OWNER LLC

RETURN BY MAIL TO:

Goldfarb & Fleece LLP
560 Lexington Avenue, 6th Floor
New York, New York 10022
Attention: Michael Bollag, Esq.

IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above written.

FUMO, LLC

By: Rossana Bortone
Name: ROSSANA BORTONE
Title: MEMBER

UNIFORM FORM CERTIFICATE OF ACKNOWLEDGMENT
(Within New York State)

DAVID O'NEILL
Notary Public, State of New York
No. 01ON6202621
Qualified in Nassau County
Commission Expires March 23, 2021

State of New York)
:ss.:
County of New York)

On the 13th day of November, in the year 2020, before me, the undersigned, personally appeared ROSSANA BORTONE personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

David O'Neill
(Signature and Office of individual taking acknowledgment)

DAVID O'NEILL

NOTARY PUBLIC, STATE OF NY

NO. 01ON6202621

QUALIFIED IN NASSAU CO

COMM EXP. 03/23/2021

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

2020111700949003002SF636

SUPPORTING DOCUMENT COVER PAGE **PAGE 1 OF 1**

Document ID: 2020111700949003 Document Date: 11-13-2020 Preparation Date: 11-17-2020
Document Type: DEED

ASSOCIATED TAX FORM ID: 2020100800089

SUPPORTING DOCUMENTS SUBMITTED:

	Page Count
DEP CUSTOMER REGISTRATION FORM FOR WATER AND SEWER BILLING	1
RP - 5217 REAL PROPERTY TRANSFER REPORT	4

FOR CITY USE ONLY

C1. County Code | | C2. Date Deed Recorded | / / | Month Day Year

C3. Book OR C5. CRFN | | C4. Page | |

REAL PROPERTY TRANSFER REPORT

STATE OF NEW YORK
STATE BOARD OF REAL PROPERTY SERVICES

RP - 5217NYC

PROPERTY INFORMATION

1. Property Location: 57-05 (STREET NUMBER) | 47TH STREET (STREET NAME) | QUEENS (BOROUGH) | 11378 (ZIP CODE)

2. Buyer Name: RL FAMILY PROPERTY OWNER LLC (LAST NAME / COMPANY) | (FIRST NAME)

EL FAMILY PROPERTY OWNER LLC (LAST NAME / COMPANY) | (FIRST NAME)

3. Tax Billing Address: Indicate where future Tax Bills are to be sent if other than buyer address (at bottom of form) | (LAST NAME / COMPANY) | (FIRST NAME)

(STREET NUMBER AND STREET NAME) | (CITY OR TOWN) | (STATE) | (ZIP CODE)

4. Indicate the number of Assessment Roll parcels transferred on the deed: 1 # of Parcels OR ☐ Part of a Parcel

4A. Planning Board Approval - N/A for NYC

4B. Agricultural District Notice - N/A for NYC

5. Deed Property Size: | (FRONT FEET) X | (DEPTH) OR | (ACRES)

Check the boxes below as they apply:

6. Ownership Type is Condominium ☐

7. New Construction on Vacant Land ☐

8. Seller Name: FUMO, LLC (LAST NAME / COMPANY) | (FIRST NAME)

(LAST NAME / COMPANY) | (FIRST NAME)

9. Check the box below which most accurately describes the use of the property at the time of sale:

A ☐ One Family Residential
B ☐ 2 or 3 Family Residential
C ☐ Residential Vacant Land
D ☐ Non-Residential Vacant Land
E ☐ Commercial
F ☐ Apartment
G ☐ Entertainment / Amusement
H ☐ Community Service
I ☑ Industrial
J ☐ Public Service

SALE INFORMATION

10. Sale Contract Date: 11 / 13 / 2020 (Month Day Year)

11. Date of Sale / Transfer: 11 / 13 / 2020 (Month Day Year)

12. Full Sale Price: $ 0

(Full Sale Price is the total amount paid for the property including personal property. This payment may be in the form of cash, other property or goods, or the assumption of mortgages or other obligations.) *Please round to the nearest whole dollar amount.*

13. Indicate the value of personal property included in the sale:

14. Check one or more of these conditions as applicable to transfer:

A ☑ Sale Between Relatives or Former Relatives
B ☑ Sale Between Related Companies or Partners in Business
C ☐ One of the Buyers is also a Seller
D ☐ Buyer or Seller is Government Agency or Lending Institution
E ☐ Deed Type **not** Warranty or Bargain and Sale (Specify Below)
F ☐ Sale of Fractional or Less than Fee Interest (Specify Below)
G ☐ Significant Change in Property Between Taxable Status and Sale Dates
H ☐ Sale of Business is Included in Sale Price
I ☐ Other Unusual Factors Affecting Sale Price (Specify Below)
J ☐ None

ASSESSMENT INFORMATION - Data should reflect the latest Final Assessment Roll and Tax Bill

15. Building Class: E 9

16. Total Assessed Value (of all parcels in transfer): 408,600

17. Borough, Block and Lot / Roll Identifier(s) (If more than three, attach sheet with additional identifier(s))

QUEENS 2602 72

2020100800089201O3

CERTIFICATION

I certify that all of the items of information entered on this form are true and correct (to the best of my knowledge and belief) and understand that the making of any willful false statement of material fact herein will subject me to the provisions of the penal law relative to the making and filing of false instruments.

BUYER

Rossana Bortone MANAGING MEMBER 11.13.20

BUYER SIGNATURE DATE

248-22 BROOKVILLE BLVD ROSSANNA BORTONE, MEMBER

STREET NUMBER STREET NAME (AFTER SALE)

ROSEDALE NY 11422

CITY OR TOWN STATE ZIP CODE

BUYER'S ATTORNEY

LAST NAME FIRST NAME

AREA CODE TELEPHONE NUMBER

SELLER

Rossana Bortone 11.13.20

SELLER SIGNATURE DATE

MANAGING MEMBER

ROSSANNA BORTONE, MEMBER

2020100800089201

Grantee (Buyer)

SLMJL FAMILY PROPERTY OWNER LLC

LAST NAME / COMPANY | FIRST NAME

Grantor (Seller)

LAST NAME / COMPANY | FIRST NAME

Grantee (Buyer)

LAST NAME / COMPANY | FIRST NAME

Grantor (Seller)

LAST NAME / COMPANY | FIRST NAME

Grantee (Buyer)

LAST NAME / COMPANY | FIRST NAME

Grantor (Seller)

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Grantor (Seller)

LAST NAME / COMPANY | FIRST NAME

Grantee (Buyer)

LAST NAME / COMPANY | FIRST NAME

Grantor (Seller)

LAST NAME / COMPANY | FIRST NAME

Grantee (Buyer)

LAST NAME / COMPANY | FIRST NAME

Grantor (Seller)

LAST NAME / COMPANY | FIRST NAME

Form RP-5217 NYC ATTACHMENT

CERTIFICATION

I certify that all of the items of information entered on this form are true and correct (to the best of my knowledge and belief) and understand that the making of any willful false statement of material fact herein will subject me to the provisions of the penal law relative to the making and filing of false instruments.

BUYERS		SELLERS	
Buyer Signature: EMILIO LAMANNA, MEMBER	Date: 11.13.20	Seller Signature: ROSSANNA BORTONE, MANAGING MEMBER	Date: 11.13.20
Buyer Signature: SABATINO LAMANNA, MEMBER	Date: 11.13.20	Seller Signature	Date
Buyer Signature: ROSSANNA BORTONE, MEMBER	Date: 11.13.20	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
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Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date

2020100800089201

The City of New York
Department of Environmental Protection
Bureau of Customer Services
59-17 Junction Boulevard
Flushing, NY 11373-5108

Customer Registration Form for Water and Sewer Billing

Property and Owner Information:

(1) **Property receiving service: BOROUGH: QUEENS** **BLOCK: 2602** **LOT: 72**

(2) **Property Address: 57-05 47TH STREET, QUEENS, NY 11378**

(3) **Owner's Name:** **RL FAMILY PROPERTY OWNER LLC**

Additional Name: **EL FAMILY PROPERTY OWNER LLC**

Affirmation:

☑ Your water & sewer bills will be sent to the property address shown above.

Customer Billing Information:

Please Note:

A. Water and sewer charges are the legal responsibility of the owner of a property receiving water and/or sewer service. The owner's responsibility to pay such charges is not affected by any lease, license or other arrangement, or any assignment of responsibility for payment of such charges. Water and sewer charges constitute a lien on the property until paid. In addition to legal action against the owner, a failure to pay such charges when due may result in foreclosure of the lien by the City of New York, the property being placed in a lien sale by the City or Service Termination.

B. Original bills for water and/or sewer service will be mailed to the owner, **at the property address or to an alternate mailing address**. DEP will provide a duplicate copy of bills to one other party (such as a managing agent), however, any failure or delay by DEP in providing duplicate copies of bills shall in no way relieve the owner from his/her liability to pay all outstanding water and sewer charges. Contact DEP at (718) 595-7000 during business hours or visit www.nyc.gov/dep to provide us with the other party's information.

Owner's Approval:

The undersigned certifies that he/she/it is the owner of the property receiving service referenced above; that he/she/it has read and understands Paragraphs A & B under the section captioned "Customer Billing Information"; and that the information supplied by the undersigned on this form is true and complete to the best of his/her/its knowledge.

Print Name of Owner: RL FAMILY PROPERTY OWNER LLC

Signature: Rossanna Bortone MANAGING MEMBER Date (mm/dd/yyyy): 11/12/2020

Name and Title of Person Signing for Owner, if applicable: ROSSANNA BORTONE, MEMBER

BCS-7CRF-ACRIS REV. 8/08

2020100800089101

Deed Exhibit 4

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

This page is part of the instrument. The City Register will rely on the information provided by you on this page for purposes of indexing this instrument. The information on this page will control for indexing purposes in the event of any conflict with the rest of the document.

2020111700949001001E08CE

RECORDING AND ENDORSEMENT COVER PAGE **PAGE 1 OF 6**

Document ID: 2020111700949001 Document Date: 11-13-2020 Preparation Date: 11-17-2020
Document Type: DEED
Document Page Count: 4

PRESENTER:	**RETURN TO:**
BETTER RESEARCH LLC 1 PARAGON DRIVE - RALS-39291 SUITE 150B MONTVALE, NJ 07645 REC@BETTERTITLERESEARCH.COM	BETTER RESEARCH LLC 1 PARAGON DRIVE - RALS-39291 SUITE 150B MONTVALE, NJ 07645 REC@BETTERTITLERESEARCH.COM

PROPERTY DATA

Borough	Block	Lot	Unit	Address
QUEENS	2601	6	Entire Lot	57-00 47TH STREET

Property Type: INDUSTRIAL BUILDING

CROSS REFERENCE DATA

CRFN_____ *or* DocumentID_____ *or* _____ Year_____ Reel____ Page_____ *or* File Number_____

PARTIES

GRANTOR/SELLER:	**GRANTEE/BUYER:**
57-00 MASPETH AVENUE, LLC 248-22 BROOKVILLE BLVD ROSEDALE, NY 11422	RL FAMILY PROPERTY OWNER LLC 248-22 BROOKVILLE BLVD ROSEDALE, NY 11422

☒ Additional Parties Listed on Continuation Page

FEES AND TAXES

Mortgage :		
Mortgage Amount:	$	0.00
Taxable Mortgage Amount:	$	0.00
Exemption:		
TAXES: County (Basic):	$	0.00
City (Additional):	$	0.00
Spec (Additional):	$	0.00
TASF:	$	0.00
MTA:	$	0.00
NYCTA:	$	0.00
Additional MRT:	$	0.00
TOTAL:	$	0.00
Recording Fee:	$	57.00
Affidavit Fee:	$	0.00

Filing Fee:	
$	250.00
NYC Real Property Transfer Tax:	
$	0.00
NYS Real Estate Transfer Tax:	
$	0.00

RECORDED OR FILED IN THE OFFICE OF THE CITY REGISTER OF THE CITY OF NEW YORK
Recorded/Filed 11-20-2020 09:28
City Register File No.(CRFN): **2020000326467**

City Register Official Signature

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

2020111700949001001C0A4E

RECORDING AND ENDORSEMENT COVER PAGE (CONTINUATION) **PAGE 2 OF 6**

Document ID: 2020111700949001 Document Date: 11-13-2020 Preparation Date: 11-17-2020
Document Type: DEED

PARTIES

GRANTEE/BUYER:
EL FAMILY PROPERTY OWNER LLC
248-22 BROOKVILLE BLVD
ROSEDALE, NY 11422

GRANTEE/BUYER:
SLMJL FAMILY PROPERTY OWNER LLC
248-22 BROOKVILLE BLVD
ROSEDALE, NY 11422

Bargain and Sale Deed, without Covenant against Grantor's Acts--Ind. or Corp.

CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT--THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY.

THIS INDENTURE, made as of this 13th day of November, 2020,

BETWEEN

57-00 MASPETH AVENUE, LLC, a New York limited liability company, having an address at 248-22 Brookville Boulevard, Rosedale, New York 11422,

party of the first part, and

RL FAMILY PROPERTY OWNER LLC, a New York limited liability company, as to a one-third (1/3rd) undivided interest, **EL FAMILY PROPERTY OWNER LLC,** a New York limited liability company, as to a one-third (1/3rd) undivided interest, and **SLMJL FAMILY PROPERTY OWNER LLC,** a New York limited liability company, as to a one-third (1/3rd) undivided interest, each having an address at 248-22 Brookville Boulevard, Rosedale, New York 11422, with the three (3) grantees hold title as tenants-in-common,

party of the second part.

Tax Map Designation:

Block: 2601
Lot(s): 6
Queens County
Section: 14

Address:
57-00 47th St.,
Flushing, NY

WITNESSETH, that the party of the first part, in consideration of ten dollars and other valuable consideration paid by the party of the second part does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever,

ALL, that certain plot, piece or parcel of land and all buildings and improvements thereon erected situated, lying and being more particularly described in Schedule "A" annexed hereto and forming a part hereof.

TOGETHER with all right, title and interest, if any, of the party of the first part in and to any streets and highways abutting the above described premises to the center lines thereof; **TOGETHER** with the appurtenances and all the estate and rights of the party of the first part in and to said premises; **TO HAVE AND TO HOLD** the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever;

AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.

The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

The Premises herein described are the same and are intended to be the same as those conveyed to the party of the first part by deed dated April 30, 1998 and recorded July 16, 1998 in the Office of the City Register of the City of New York at Reel 4197, Page 1526.

[End of Text; Signature Page to Follow]

SCHEDULE A

All that certain plot, piece or parcel of land, situate, lying and being in the Borough of Queens, County of Queens, City and State of New York, bounded and described as follows:

BEGINNING at a point on the westerly side of 47th Street as laid out, 70 feet wide, distant 705.85 feet north of the corner formed by the intersection of the said westerly side of 47th Street with the present northerly side of Grand Avenue as laid out, 80 feet wide;

RUNNING THENCE northerly from the point of beginning and along the said westerly side of 47th Street, a distance of 440 feet;

THENCE westerly along a line forming an interior angle of 91 degrees 04 minutes 06 seconds with the preceding course, a distance of 195.27 feet to the U.S. Pier and Bulkhead line extending along the easterly side of New Town Creek and approved by the Secretary of War January 21, 1920, as shown on Alteration Map No. 890 to the Final Maps of the City of New York for the Borough of Queens;

THENCE southerly along said Pier and Bulkhead Line forming interior angle of 109 degrees 29 minutes 19 seconds with the preceding course, a distance of 269.10 feet to an angle point in the said Pier and Bulkhead line;

THENCE southerly along the said Pierhead and Bulkhead line along a line forming an interior angle of 160 degrees 42 minutes 52 seconds with the preceding course, a distance of 191.72 feet;

THENCE easterly on a line forming an interior angle of 88 degrees 43 minutes 43 seconds with the preceding course and being also at right angles to the aforementioned westerly side of 47th Street, a distance of 293.98 feet to the point or place of BEGINNING.

[Signature Page to Deed – 57-00 Maspeth Avenue]

IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above written.

57-00 MASPETH AVENUE, LLC

By: Rossana Bortone
Name: ROSSANA BORTONE
Title: Authorized Signatory

UNIFORM FORM CERTIFICATE OF ACKNOWLEDGMENT
(Within New York State)

State of New York)
:ss.:
County of New York)

DAVID O'NEILL
Notary Public, State of New York
No. 01ON6202621
Qualified in Nassau County
Commission Expires March 23, 2021

On the 13th day of November, in the year 2020, before me, the undersigned, personally appeared ROSSANA BORTONE personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

David O'Neill
(Signature and Office of individual taking acknowledgment)

Bargain and Sale Deed
Without Covenant Against Grantor's Acts

BLOCK: 2601
LOT: 6
COUNTY: Queens

57-00 MASPETH AVENUE, LLC

TO

RL FAMILY PROPERTY OWNER LLC, EL FAMILY PROPERTY OWNER LLC, and SLMJL FAMILY PROPERTY OWNER LLC

RETURN BY MAIL TO:

Goldfarb & Fleece LLP
560 Lexington Avenue, 6th Floor
New York, New York 10022
Attention: Michael Bollag, Esq.

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

2020111700949001001SC64F

SUPPORTING DOCUMENT COVER PAGE **PAGE 1 OF 1**

Document ID: 2020111700949001 Document Date: 11-13-2020 Preparation Date: 11-17-2020
Document Type: DEED

ASSOCIATED TAX FORM ID: 2020100800124

SUPPORTING DOCUMENTS SUBMITTED:

	Page Count
DEP CUSTOMER REGISTRATION FORM FOR WATER AND SEWER BILLING	1
RP - 5217 REAL PROPERTY TRANSFER REPORT	4

FOR CITY USE ONLY

C1. County Code | | C2. Date Deed Recorded | / / | Month Day Year

C3. Book OR C5. CRFN | | C4. Page | |

REAL PROPERTY TRANSFER REPORT

STATE OF NEW YORK
STATE BOARD OF REAL PROPERTY SERVICES

RP - 5217NYC

PROPERTY INFORMATION

1. Property Location: 57-00 (STREET NUMBER) | 47TH STREET (STREET NAME) | QUEENS (BOROUGH) | 11378 (ZIP CODE)

2. Buyer Name: RL FAMILY PROPERTY OWNER LLC (LAST NAME / COMPANY) | (FIRST NAME)

EL FAMILY PROPERTY OWNER LLC (LAST NAME / COMPANY) | (FIRST NAME)

3. Tax Billing Address: Indicate where future Tax Bills are to be sent if other than buyer address (at bottom of form) | (LAST NAME / COMPANY) | (FIRST NAME)

(STREET NUMBER AND STREET NAME) | (CITY OR TOWN) | (STATE) | (ZIP CODE)

4. Indicate the number of Assessment Roll parcels transferred on the deed: 1 # of Parcels OR ☐ Part of a Parcel

4A. Planning Board Approval - N/A for NYC

4B. Agricultural District Notice - N/A for NYC

5. Deed Property Size: (FRONT FEET) X (DEPTH) OR (ACRES)

Check the boxes below as they apply:

6. Ownership Type is Condominium ☐

7. New Construction on Vacant Land ☐

8. Seller Name: 57-00 MASPETH AVENUE, LLC (LAST NAME / COMPANY) | (FIRST NAME)

(LAST NAME / COMPANY) | (FIRST NAME)

9. Check the box below which most accurately describes the use of the property at the time of sale:

A ☐ One Family Residential
B ☐ 2 or 3 Family Residential
C ☐ Residential Vacant Land
D ☐ Non-Residential Vacant Land
E ☐ Commercial
F ☐ Apartment
G ☐ Entertainment / Amusement
H ☐ Community Service
I ☑ Industrial
J ☐ Public Service

SALE INFORMATION

10. Sale Contract Date: 11 / 13 / 2020 (Month Day Year)

11. Date of Sale / Transfer: 11 / 13 / 2020 (Month Day Year)

12. Full Sale Price: $ 0

(Full Sale Price is the total amount paid for the property including personal property. This payment may be in the form of cash, other property or goods, or the assumption of mortgages or other obligations.) *Please round to the nearest whole dollar amount.*

13. Indicate the value of personal property included in the sale:

14. Check one or more of these conditions as applicable to transfer:

A ☑ Sale Between Relatives or Former Relatives
B ☑ Sale Between Related Companies or Partners in Business
C ☐ One of the Buyers is also a Seller
D ☐ Buyer or Seller is Government Agency or Lending Institution
E ☐ Deed Type **not** Warranty or Bargain and Sale (Specify Below)
F ☐ Sale of Fractional or Less than Fee Interest (Specify Below)
G ☐ Significant Change in Property Between Taxable Status and Sale Dates
H ☐ Sale of Business is Included in Sale Price
I ☐ Other Unusual Factors Affecting Sale Price (Specify Below)
J ☐ None

ASSESSMENT INFORMATION - Data should reflect the latest Final Assessment Roll and Tax Bill

15. Building Class: E 1

16. Total Assessed Value (of all parcels in transfer): 4,836,150

17. Borough, Block and Lot / Roll Identifier(s) (If more than three, attach sheet with additional identifier(s))

QUEENS 2601 6

2020100800124201O3

CERTIFICATION

I certify that all of the items of information entered on this form are true and correct (to the best of my knowledge and belief) and understand that the making of any willful false statement of material fact herein will subject me to the provisions of the penal law relative to the making and filing of false instruments.

BUYER

Rossana Bartone — 11.12.20

BUYER SIGNATURE — DATE

248-22 BROOKVILLE BLVD — ROSSANA BARTONE, MEMBER

STREET NUMBER — STREET NAME (AFTER SALE)

ROSEDALE — NY — 11422

CITY OR TOWN — STATE — ZIP CODE

BUYER'S ATTORNEY

LAST NAME — FIRST NAME

AREA CODE — TELEPHONE NUMBER

SELLER

Rossana Bartone — 11.12.20

SELLER SIGNATURE — DATE

ROSSANA BARTONE, MEMBER

2020100800124201

Grantee (Buyer)

SLMJL FAMILY PROPERTY OWNER LLC

LAST NAME / COMPANY | FIRST NAME

Grantor (Seller)

LAST NAME / COMPANY | FIRST NAME

Grantee (Buyer)

LAST NAME / COMPANY | FIRST NAME

Grantor (Seller)

LAST NAME / COMPANY | FIRST NAME

Grantee (Buyer)

LAST NAME / COMPANY | FIRST NAME

Grantor (Seller)

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LAST NAME / COMPANY | FIRST NAME

Grantee (Buyer)

LAST NAME / COMPANY | FIRST NAME

Grantor (Seller)

LAST NAME / COMPANY | FIRST NAME

Grantee (Buyer)

LAST NAME / COMPANY | FIRST NAME

Grantor (Seller)

LAST NAME / COMPANY | FIRST NAME

Form RP-5217 NYC

ATTACHMENT

CERTIFICATION

I certify that all of the items of information entered on this form are true and correct (to the best of my knowledge and belief) and understand that the making of any willful false statement of material fact herein will subject me to the provisions of the penal law relative to the making and filing of false instruments.

BUYERS		SELLERS	
Buyer Signature	Date	Seller Signature	Date
11.12.20		11.12.20	
EMILIO LAMANNA, MEMBER		ROSSANA BARTONE, MEMBER	
Buyer Signature	Date	Seller Signature	Date
11.12.20			
SABATINO LAMANNA, MEMBER			
Buyer Signature	Date	Seller Signature	Date
11.12.20			
ROSSANA BARTONE, MEMBER			
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date

2020100800124201

The City of New York
Department of Environmental Protection
Bureau of Customer Services
59-17 Junction Boulevard
Flushing, NY 11373-5108

Customer Registration Form for Water and Sewer Billing

Property and Owner Information:

(1) **Property receiving service: BOROUGH: QUEENS** **BLOCK: 2601** **LOT: 6**

(2) **Property Address: 57-00 47TH STREET, QUEENS, NY 11378**

(3) **Owner's Name:** **RL FAMILY PROPERTY OWNER LLC**

Additional Name: **EL FAMILY PROPERTY OWNER LLC**

Affirmation:

☑ Your water & sewer bills will be sent to the property address shown above.

Customer Billing Information:

Please Note:

A. Water and sewer charges are the legal responsibility of the owner of a property receiving water and/or sewer service. The owner's responsibility to pay such charges is not affected by any lease, license or other arrangement, or any assignment of responsibility for payment of such charges. Water and sewer charges constitute a lien on the property until paid. In addition to legal action against the owner, a failure to pay such charges when due may result in foreclosure of the lien by the City of New York, the property being placed in a lien sale by the City or Service Termination.

B. Original bills for water and/or sewer service will be mailed to the owner, **at the property address or to an alternate mailing address**. DEP will provide a duplicate copy of bills to one other party (such as a managing agent), however, any failure or delay by DEP in providing duplicate copies of bills shall in no way relieve the owner from his/her liability to pay all outstanding water and sewer charges. Contact DEP at (718) 595-7000 during business hours or visit www.nyc.gov/dep to provide us with the other party's information.

Owner's Approval:

The undersigned certifies that he/she/it is the owner of the property receiving service referenced above; that he/she/it has read and understands Paragraphs A & B under the section captioned "Customer Billing Information"; and that the information supplied by the undersigned on this form is true and complete to the best of his/her/its knowledge.

Print Name of Owner: RL FAMILY PROPERTY OWNER, LLC

Signature: Rossana Borton MANAGING MEMBER Date (mm/dd/yy): 11/13/2020

Name and Title of Person Signing for Owner, if applicable:

BCS-7CRF-ACRIS REV. 8/08

2020100800124101

Appendix N

Resumes

JEFFREY STOICESCU, PE

SENIOR ASSOCIATE/VICE PRESIDENT

ENVIRONMENTAL, GEOTECHNICAL, & CIVIL ENGINEERING

Mr. Stoicescu has 26 years of engineering, permitting, and construction experience in a wide range of sectors including aviation, oil & gas, major and minor commercial developments, industrial improvements, and federal Superfund cleanup for sites across the United States and around the world. His experience focuses on the geotechnical, environmental, and site/civil engineering aspects of projects, from due diligence through detailed design, construction, commissioning and post construction compliance.

For the aviation sector, Mr. Stoicescu' s experience has included the design and permitting of new buildings, warehouses, terminals, taxiways, plane aprons, and many other airside facilities. For the oil & gas sector, he has worked on projects for many of the world's largest oil producers, including Shell, Chevron, Hess, Exxon, and Saudi Aramco, involving due diligence property transfers, environmental remediation and compliance monitoring, dredge management, modifications to waste water treatment systems, and plant expansions. Mr. Stoicescu also has been involved in several major environmental remediation projects including US Superfund sites. He served as the Engineer-of-Record for one of the nation's largest Superfund sites in Camden, NJ, which saw the remediation of radiological contamination of hundreds of residential and commercial sites. The project involved full restoration of facilities including the design of playgrounds, ball fields, homes, and more.

Mr. Stoicescu's specific project experience includes early site work activities involving geotechnical and environmental investigations; schematic design; geotechnical design (foundations, retaining walls, and pavements); site/civil design, including site layout; environmental consulting, including preparation and implementation of Environmental Management Plans as well as federal, state and local permitting; Engineer-of-Record responsibilities, including preparation of drawings and specifications; construction management; and post-construction operations and compliance monitoring.

SELECTED PROJECTS

- Port Authority New York and New Jersey Contract Manager for several on-call contracts including Environmental and Ecological
- Accurate Box Warehouse Design and Construction, Paterson, NJ (2018 NJ ACEC Honor Award, National ACEC Distinguished Award)
- Newark International Airport, Terminal A Redevelopment, Newark, NJ
- Dallas/Fort Worth International Airport, Redevelopment of Airport for New Tenant Operations (Airside), Dallas, TX
- JFK International Airport, Terminal 7 Multiple Environmental and Infrastructure Improvements, New York, NY
- LaGuardia Airport, Multiple Tenant Environmental Remediation and Improvement Projects, New York, NY
- Logan International Airport, Terminal Wide Environmental Remediation, Boston, MA

EDUCATION

M.S., Geoenvironmental/ Geotechnical Engineering
University of Saskatchewan

B.S., Civil Engineering
University of Saskatchewan

PROFESSIONAL REGISTRATION

Professional Engineer (PE) in NJ, NY, VA, MD, CT, MO, TX, IN, NM

Professional Engineer (P.Eng.) in MB, SK

ACI National Examiner

Chevron Qualified ESHIA Facilitator

AFFILIATIONS

Geoprofesional Business Association

American Society of Civil Engineers

- Los Angeles International Airport, Spill Prevention, Control, and Countermeasures Plan / Emergency Response Plan, Los Angeles, CA
- O'Hare International Airport, Environmental Remediation and UST Removals, Chicago, IL.
- Washington-Dulles Airport Expansion / People Move Project, Dulles, VA
- Miami International Airport, Environmental Remediation and permitting activities, Miami, FL
- McCarran International Airport, Environmental Assessment, Las Vegas, NV
- Shell Global Due Diligence Support, Worldwide.
- Chevron, Molycorp Environmental Remediation and Stormwater Infrastructure Diversion Project, Washington, PA
- Saudi Aramco, Environmental Assessment and Remediation, Ras Tanura Refinery, Saudi Arabia
- Saudi Aramco, Industrial Wastewater Improvement Design (Membrane Bio-Reactor), Saudi Arabia
- Saudi Aramco, Site Assessment and Environmental Remediation Plan for Multiple Gas/Oil Separation Plants, Eastern Province, Saudi Arabia
- Saudi Aramco, Long-Term Water Supply Study, Corporate Campus, Dammam, Saudi Arabia
- Mosaic, Colonsay Tailings Pond Design and Construction Management, SK, Canada
- Nutrien (formerly PCS), Langan Potash Mine Slurry Wall and Containment Dike Improvements to Tailings Pond, SK Canada
- Alcoa, Aluminum Smelter Geotechnical Engineering Design, Caribbean
- Alcoa, Dam Safety and Flood Analysis at Multiple Sites, Jamaica and Suriname
- Arconic, Geotechnical and Environmental Engineering Support for Plant Improvements, Dover, NJ

TERRY HAELEN, PG

SENIOR PROJECT MANAGER

ENVIRONMENTAL ENGINEERING

Mr. Haelen has over 36 years of environmental engineering and remediation experience. He provides strategic technical approaches consistent with client business strategies, corporate policies, and applicable regulations at both operating and closed facilities throughout the U.S. Terry has managed both small-scale and multimillion-dollar projects/portfolios encompassing a large range of disciplines and service offerings including comprehensive remedial and due diligence (under a multitude of regulatory programs), environmental health and safety, permitting, wastewater, stormwater, product stewardship, buried infrastructure rehabilitation, capital improvement, and litigation services.

SELECTED PROJECTS

- Beaver Swamp Brook, Harrison, NY
- Exxon Site, Edison, NJ
- JFK Terminal 6/7, Queens, NY
- JFK Terminal 8, Queens, NY
- NJIT Student Housing, Hoboken, NJ
- Pratt Landing, New Rochelle, NY

EDUCATION

M.E., Environmental Science
University of Virginia

B.S., Geology
State University of New York – Oneonta

PROFESSIONAL REGISTRATION

8 Hour HAZWOPPER

AIPG Certified Professional Geologist

Professional Geologist (PG) in KY, MS, WY

KIMBERLY SEMON, PE, LEED GA

PROJECT ENGINEER

ENVIRONMENTAL ENGINEERING

Ms. Semon is a chemical engineer whose expertise includes groundwater hydrology, water resource planning and management, environmental oversight and remediation and emerging contaminants in groundwater. She has performed environmental field work, site research, data management and report preparation and is currently involved with remedial design and implementation and project management. Ms. Semon is also well versed in city and state regulatory programs including the Brownfield Cleanup Program and Voluntary cleanup Program.

SELECTED PROJECTS

- Novak Farm, (Emerging Contaminant Sampling Work Plan) McDonough, NY
- 27-01 Jackson Avenue, (Phase I ESA, BCP Application, RIWP), Long Island City, NY
- 26-32 Jackson Avenue, (Phase I ESA, Phase II ESI, BCP Application), Long Island City, NY
- 266-270 West 96th Street, (Phase I ESA, Phase II ESI, BCP Application), New York, NY
- 1525 Bedford Avenue, (Noise IR, Quarterly Monitoring Report), Brooklyn, NY
- 805-825 Atlantic Avenue, (Phase I ESAs, Subsurface Investigations, BCP Application, RI, RIR, RAWP), Brooklyn, NY
- 181 Mercer Street, (RIR, RAWP, Environmental Remediation, Spill Closure), New York, NY
- Tottenham Hale, (Phase II ESI), London, UK
- Nine Elms Sqaure Development (Phase II Reporting), London, UK
- Queens Plaza North, (NYS BCP, Environmental Remediation), Long Island City, NY
- 335 Bond Street, (BCP Application, Subsurface Investigations, Groundwater Remediation Design), Brooklyn, NY
- 540 West 21st Street, (NYC Voluntary Cleanup Program, RIR, RAWP), New York, NY
- 982-998 Fulton Street, (Phase I ESA), Brooklyn, NY
- 121 Christopher Street, (Phase I ESA), New York, NY
- 2415-2419 Jerome Avenue (Phase I ESA, Phase II ESI, Spill Closure), Bronx, NY
- 267 West 87th Street, (Remedial Investigation & Report), New York, NY
- 211-215 East 38th Street, (Phase I ESA, Phase II ESI), New York, NY
- 615 Tenth Avenue, (Reporting), New York, NY
- River Place I & II, (Groundwater Monitoring), New York, NY
- Riverside Parcel 5, (Construction Oversight, Endpoint Sampling, Closure Report), New York, NY
- Riverside Parcel 2, (Construction Oversight), New York, NY
- 170 Amsterdam Avenue, (Construction Oversight), New York, NY
- 17-29 West End Avenue, (Construction Oversight), New York, NY

EDUCATION

M.S., Sustainable Engineering – Environmental Sustainability
Villanova University

B.S., Chemical Engineering
Villanova University

PROFESSIONAL REGISTRATION

Professional Engineer (PE) in NY

10-Hour OSHA

40-Hour OSHA (HAZWOPER)

LEED Green Associate

AFFILIATIONS

Society of Women Engineers

American Institute of Chemical Engineers

National Groundwater Association

- 539 Smith Street Bulkhead, , (Construction Oversight), Brooklyn, NY
- Brooklyn Academy of Music North Tower, (Construction Oversight, FER), New York, NY
- Brooklyn Solvent Site (Whitehead Realty), (Construction Oversight), Brooklyn, NY
- Hudson Yards, Terra Firma, (Construction Oversight), New York, NY
- 616 First Avenue, (Construction Oversight), New York, NY
- 27 Wooster Street, (Closure Report), New York, NY
- Columbia University Manhattanville Development, Phase IA & Topdown Area, (Closure Report), New York, NY

LUCY BEVAN

SENIOR STAFF SCIENTIST

ENVIRONMENTAL ENGINEERING

Ms. Bevan is an environmental engineer with experience in soil and groundwater assessment and remediation. She is proficient in site investigation design, construction oversight, environmental oversight and sample collection, data assessment, technical report writing. Ms. Bevan has experience in conducting human health and environmental risk assessments for residential, commercial, and industrial sites for Phase I, Phase II and remediation work stages.

EDUCATION

M.EnvSci, Environmental Science
University of Leeds, UK
and McMaster University, ON, Canada

PROFESSIONAL REGISTRATION

10-Hour OSHA

40-Hour HAZWOPER

SELECTED PROJECTS

- 1 Hook Road, Phase I ESA, Rhinebeck, NY
- 1 Willoughby Square Park, Phase II ESI, Brooklyn, NY
- 1000 Glengarry Drive, Phase I ESA, Fairdale, KY
- 1340 Viele Avenue, Indoor Air Investigation, Bronx, NY
- 1504 Macombs Road, Environmental Monitoring, Bronx, NY
- 16001 Mattawoman Drive, Phase I ESA, Brandywine, MD
- 1641 Richmond Avenue, Phase I ESA, Staten Island, NY
- 1711 Front Street, Phase I ESA, Yorktown Heights, NY
- 1841 Broadway, Waste Characterization Report, New York, NY
- 1921 Atlantic Avenue, Construction Oversight, Brooklyn, NY
- 445 Gerard Avenue, Tank Removal and Closure, Bronx, NY
- 44-01 Eleventh Street, Phase I ESA, Long Island City, NY
- 450 Union Street Brooklyn, Groundwater Investigation, Brooklyn, NY
- 46 Anthony Street, Soil Vapor Investigation, Brooklyn, NY
- 4900 Beech Place Drive, Phase I ESA, Temple Hills, MD
- 561 Greenwich Street, Environmental Monitoring and Remedial Action Sampling, New York, NY
- 59-02 Borden Avenue, Phase II ESI, Maspeth, Queens, NY
- 646 Fifth Avenue, Phase I ESA, Brooklyn, NY
- 80 Edison Avenue, Phase II ESI, Mount Vernon NY
- 80 Flatbush Avenue, Environmental Monitoring, Brooklyn, NY
- Elizabeth Seton Young Adult Center, Phase I ESA, Yonkers, NY
- Georgetown Hive, Phase II ESI, Hudson Yards, NY
- Greenpoint Landing, Construction Oversight, Brooklyn, NY
- Greenpoint Marina, Construction Oversight, Brooklyn, NY
- Hudson Yards, Environmental Oversight and Environmental Monitoring, Phase II ESI and Waste Characterization Report, New York, NY
- Marymount School of New York, Construction Oversight, New York, NY
- Mulvey Avenue, Phase I ESA, Bronx, NY
- Pratt Landing, Phase II Limited ESI Design and Remediation Investigation Work Plan, New Rochelle, NY

TYLER GOODNOUGH

SENIOR STAFF SCIENTIST

ENVIRONMENTAL ENGINEERING

Mr. Goodnough is an environmental scientist with experience conducting numerous Phase I and Phase II environmental site assessments throughout the Hudson Valley. He also has experience managing NYC OER remedial program sites. He will be responsible for site investigation, characterization, and remediation.

EDUCATION

B.S., Environmental Science
Marist College

PROFESSIONAL REGISTRATION

40-Hour OSHA HAZWOPER

10-Hour OSHA

SELECTED PROJECTS

- 45-18 Court Square, Long Island City, NY
- 74 Bogart St, Brooklyn, NY
- 445 Gerard Avenue, Bronx, NY
- Con Edison Construction Inspections, Brooklyn, NY
- 805-825 Atlantic Avenue, Brooklyn, NY
- 131-01 39th Avenue, Flushing, NY
- 27-01 Jackson Avenue, Long Island City, NY
- NYCOER Brownfield Site, Brooklyn, NY*
- NYCHA Spill Investigations, Various Locations, NY*

**Projects represent experience with a previous firm*

PHASE II ENVIRONMENTAL SITE INVESTIGATION REPORT

for

57-00, 57-05, 57-57 and 58-20 47th Street Maspeth, Queens, New York

Prepared For:

Bay Crane Service of New York
11-02 43rd Street
Long Island City, New York 11101

Prepared By:

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Vice President/Senior Associate

July 26, 2021
Langan Project No. 170686701

LANGAN

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1.0 INTRODUCTION

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) prepared this Phase II Environmental Site Investigation (ESI) report on behalf of Bay Crane Service of New York for the properties located at 57-00, 57-05, 57-57, and 58-20 47th Street in the Maspeth neighborhood of Queens, New York (the site). The Phase II ESI was conducted to investigate the recognized environmental conditions (RECs) identified during the Phase I Environmental Site Assessment (ESA) dated July 21, 2021.

The Phase II ESI included completion of a geophysical survey, advancement of soil borings, installation of temporary groundwater monitoring wells, and collection and laboratory analysis of soil and groundwater samples. The Phase II ESI field work was completed on July 7 through July 9, 2021.

This report is organized as follows:

- Section 2.0: Describes the site background
- Section 3.0: Presents the Phase II ESI methodology
- Section 4.0: Presents the findings of the Phase II ESI
- Section 5.0: Presents conclusions based on the findings
- Section 6.0: Presents limitations

2.0 BACKGROUND

2.1 Site Location and Description

The site is located at 57-00, 57-05, 57-57, and 58-20 47th Street in the Maspeth neighborhood of Queens, New York, and is identified on the Queens Borough Tax Map as Block 2601, Lots 1 and 6 and Block 2602, Lots 68 and 72. The approximately 168,000-square-foot site is situated on the northern part of Block 2601 and northeastern part of Block 2602, and is transected by 47th Street. The site is situated on the city blocks bound by 58th Road to the north, 49th Place to the east, Grand Avenue to the south, and Newtown Creek to the west. The site is improved with a vacant slab-on-grade one-story building with a mezzanine level (Lot 6), and two vacant slab-on-grade one-story buildings (Lots 68 and 72). The remainder of the site is improved with concrete and asphalt parking space.

According to the United States Geological Survey (USGS) Central Park Quadrangle 7.5-minute Series Topographic Map, the site sits at an elevation of about 9 feet above mean sea level (msl) and the surrounding area slopes gradually to the southwest towards Newtown Creek. The site is located within an industrial area characterized by one- to two-story commercial and manufacturing/industrial buildings. A Site Location Map is included as Figure 1.

2.2 Proposed Development

Redevelopment plans for the site are in early development; however, the site may be used in its present-day configuration for crane storage and repair.

2.3 Recognized Environmental Conditions

Langan's July 20, 2021 Phase I ESA identified the following Recognized Environmental Conditions (RECs) for the site:

REC 1 – Historical Use of Subject Property

Historical operations at the Subject Property included a 'fertilizer works' facility (1902 to 1914), an oil depot with petroleum bulk storage (1914 to 1936), truck parking (1974 to 1991), truck repair (1982 to 2006), a waste transfer facility with petroleum bulk storage (2004 to 2021), and auto repair (2013, 2014) on Lots 1 and 6; and a motor freight station with petroleum bulk storage (1963, 1982 to 2006) on Lot 72. The Subject Property is listed as an active facility on the Solid Waste Facilities/Landfill Sites (SWF/LF) database for the processing of construction and demolition (C&D) waste; however, based on the site reconnaissance this operation ceased in early 2021. Historical operations at the Subject Property may have resulted in inadvertent releases of hazardous substances or petroleum products.

REC 2 – Western-Adjoining Superfund Site

Newtown Creek, which is listed in the National Priority List (NPL) and Superfund Enterprise Management System (SEMS) databases. Contamination in Newtown Creek is attributed to combined sewer overflow (CSO) and historical industrial facilities on the creek banks. Facilities included over 50 oil refineries, petrochemical plants, fertilizer and glue factories, sawmills, and lumber and coal yards. A remedial investigation is presently underway for the entire Newtown Creek Superfund Site and a focused feasibility study (FFS) is currently being prepared by responsible parties regarding a combined sewer outfall (CSO) long term control plan, pursuant to the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). Given that the remedial investigation and a focused feasibility study are underway by the responsible parties, it is unknown as to whether there is any impact to the Subject Property.

2.4 Soil and Geology

Geological surface features (e.g., rock outcroppings) were not observed at the site. Baskerville's "Bedrock and Engineering Geologic Maps of New York County and Parts of Kings and Queens Counties, New York, and Parts of Bergen and Hudson Counties, New Jersey", dated 1994, indicates the bedrock underlying the site is part of the Hartland Formation. The Hartland Formation is comprised of mica schist and quartz-feldspar granulite, with localized intrusions of granite and pegmatite. Review of the United States Geographic Services (USGS) Topographic Maps for the site identified infilling along the western and southern parts of the site between 1947 and 1979. Given the development history, historic fill will likely be present.

2.5 Hydrogeology

Groundwater flow is typically topographically influenced, as shallow groundwater tends to originate in areas of topographic highs and flows toward areas of topographic lows, such as rivers, stream valleys, ponds, and wetlands. A broader, interconnected hydrogeological network often governs groundwater flow at depth or in the bedrock aquifer. Groundwater depth and flow direction are also subject to hydrogeological and anthropogenic variables such as precipitation, evaporation, extent of vegetation cover, and coverage by impervious surfaces. Other factors influencing groundwater include depth to bedrock, the presence of artificial fill, and variability in local geology and groundwater sources or sinks. Groundwater is inferred to flow to the southwest towards Newtown Creek. Groundwater was encountered at depths ranging from 8.0 to 11.2 feet below grade surface (bgs) during this Phase II ESI.

Groundwater in New York City is not used as a potable water source. Potable water is provided to the site by New York City and is obtained from surface impoundments in the Croton, Catskill, and Delaware watersheds. According to the current Federal Emergency Management Agency

(FEMA) Effective Flood Insurance Rate Map (FIRM) dated September 5, 2007, the northern and western parts of the site fall within Zone AE, a special flood hazard area with base flood elevation of 10 feet inundated by 1% annual chance of flooding. The remainder of the site falls within Zone X and lies within the area of 0.2% annual chance of flood.

3.0 FIELD INVESTIGATION

The Phase II ESI included completion of a geophysical survey, advancement of eleven environmental soil borings, installation of four temporary groundwater monitoring wells, and collection of eleven soil and four groundwater samples for laboratory analysis. The Phase II ESI field work was completed from July 7 through 9, 2021. A sample summary is included in Table 1 and sample locations are shown on Figure 2. Photographs taken during the field investigation are included in Appendix A.

3.1 Geophysical Survey

Prior to intrusive sampling, NOVA Geophysical & Environmental, Inc. (NOVA), of Douglaston, New York, conducted a geophysical survey on July 7, 2021. NOVA used ground penetrating radar (GPR) and electromagnetic detection equipment to identify potential underground storage tanks (USTs) and locate buried utilities and anomalies across the site. Boring locations were cleared of any subsurface structures or utilities.

A copy of the geophysical survey report is included in Appendix B.

3.2 Soil Investigation

Eleven soil borings, SB01 through SB11, were advanced by Eastern Environmental Solutions, Inc. of Manorville, New York. A Langan field engineer was on-site to document field observations and collect soil samples. Soil borings were advanced using Geoprobe® 7922 DT 2-inch direct push drill rig to depths ranging from 15 to 20 feet below ground surface (bgs). Soil samples were collected continuously into 5-foot Macro-Core® sample barrels lined with dedicated acetate sleeves.

Soil samples retrieved from borings were visually classified for soil type, grain size, texture, and moisture content. Each sample was screened for visual, olfactory, and instrumental evidence of a chemical or petroleum release. Instrumental screening for the presence of organic vapors was performed using a photoionization detector (PID) equipped with a 10.6 electron volt (eV) lamp. Eleven soil samples were collected, one each, from borings SB01 through SB11 for laboratory analysis. Samples were collected from the interval exhibiting the greatest degree of impacts or from representative intervals of historic fill material. Samples submitted for volatile organic compound (VOC) analysis were collected directly from the acetate liner into laboratory-supplied Terra Core® soil samplers. The remaining sample volume was homogenized and placed in laboratory-supplied containers for additional analyses. The sample containers were labeled, placed in a laboratory-supplied cooler, and packed on ice (to attempt to maintain a temperature of about 4°C). The samples were picked up and delivered via courier service to York Analytical

Laboratories Inc. (York) under standard chain-of-custody protocol. York is a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory located in Stratford, Connecticut.

Soil samples were analyzed for Part 375 List and Target Compound List (TCL) VOCs by United States Environmental Protection Agency (USEPA) Method 8260C, semi-volatile organic compounds (SVOCs) by USEPA Method 8270D, pesticides by USEPA Method 8081B, polychlorinated biphenyls (PCBs) by USEPA Method 8082A, and Part 375/Target Analyte List (TAL) metals including hexavalent and trivalent chromium by USEPA Methods 6010C.

Following sample collection, boreholes were backfilled to grade with soil cuttings and the ground surface was restored. Soil boring logs are included in Appendix C, soil boring locations are shown on Figure 2, and a soil sample summary is included in Table 1.

3.3 Groundwater Investigation

Four soil borings, SB01 through SB04, were converted into temporary groundwater monitoring wells. Monitoring wells MW01, MW02 and MW04 were installed by inserting 10 feet of 0.02-inch slotted, one-inch diameter well screen and 10 feet of PVC riser pipe. Monitoring well MW03 was installed by inserting 5 feet of 0.02-inch slotted, one-inch diameter well screen, and 10 feet of PVC riser pipe. Well screens were positioned to straddle the observed water table. The annular space of each monitoring well was backfilled with No. 2 sand to 2 inches bgs and the upper 2 inches of the borehole was sealed to grade surface with bentonite.

Following installation, the monitoring wells were developed and sampled using a peristaltic pump. Prior to sample collection, the wells were purged and attempts were made to stabilize groundwater parameters (pH, conductivity, turbidity, dissolved oxygen, temperature, and oxidation-reduction potential), with turbidity measurements below 50 Nephelometric Turbidity Units (NTU). Following groundwater sample collection, each temporary monitoring well was removed, boreholes were filled to grade surface with non-impacted soil cuttings and No. 2 sand, and patched with concrete. Monitoring well construction logs and groundwater sampling logs are included as Appendix D.

The groundwater samples were collected into laboratory-supplied glassware and delivered via courier service to York. Groundwater samples were analyzed for TCL VOCs by EPA Method 8260, TCL SVOCs by EPA Method 8270, PCBs by EPA Method 8082, pesticides by USEPA Method 8081B, and total and dissolved (field filtered) metals including hexavalent and trivalent chromium by EPA Methods 6010B/7471A. The groundwater monitoring well locations are shown on Figure 2 and a groundwater sample summary is included in Table 1.

4.0 OBSERVATIONS AND RESULTS

4.1 Geophysical Survey

NOVA's geophysical survey identified municipal water, sewer, electric, telecom and/or gas lines entering the buildings on Lots 6, 68 and 72 from 47th Street. An electric line was also observed transecting Lots 1 and 6. The geophysical survey identified anomalies indicative of an oil/water separator on the eastern side of the Lot 6 building and drainage structures within the Lot 6 building and southern part of Lot 6. Anomalies indicative of underground storage tanks (UST) graves were also identified on the southern part of Lot 6. Borings were relocated as necessary to avoid subsurface utilities. A copy of the geophysical survey report is included in Appendix B.

4.2 Subsurface Observations

Fill material, generally consisting of fine-grained sand with varying amounts of fine gravel, silt, brick, wood, and concrete was identified from below surface grade to depths ranging from about 4 to 16 feet bgs. Native soil, typically consisting of fine-grained sand and silt with varying amounts of medium sand, peat and fine gravel was identified beneath the fill layer to the boring termination depths ranging from 5 to 20 feet bgs.

Petroleum-like odors, staining, and PID readings above background levels were each identified at the following locations:

Soil Boring	Depth Interval (feet bgs)	Maximum PID (ppm)	Other Observations
SB01	10 to 12	76.1	Petroleum-like odor; staining
SB02	10 to 11	17	Petroleum-like odor; staining
	17 to 18	192.8	Petroleum-like odor; staining
SB04	8 to 11	50.3	Petroleum-like odor; staining

*ppm = parts per million

Groundwater was encountered in soil borings at depths ranging from 8 to 11.2 feet bgs. Petroleum-like odors and PID readings of 8.6 ppm and 49.7 ppm were observed from the headspace of monitoring wells MW02 and MW04, respectively. Purge water from these locations exhibited gray and brown discoloration; however, sheen or free product was not observed.

4.3 Soil Sample Results

Soil sample analytical results were compared to Title 6 of the New York Codes, Rules and Regulations (NYCRR) Part 375 Commercial Use (CU) and Industrial Use (IU) Soil Cleanup Objectives (SCOs). Analytes exceeding the CU and/or IU SCOs are summarized below. SCOs are listed in parentheses. Exceedances of IU SCOs are in bold. Soil sample analytical results are summarized in Table 2, and analytical laboratory reports are included in Appendix E.

SVOCs – SVOCs were detected in SB03, SB07, and SB11 above the CU and/or IU SCOs as summarized below:

- Benzo(a)anthracene – **64.8 milligrams per kilogram (mg/kg)** in SB07_8-9 (CU SCO: 5.6 mg/kg; IU SCO: 11 mg/kg)
- Benzo(a)pyrene – 1.08 mg/kg in SB03_2-3; 3.84 mg/kg in SB-11_13-14; **47.1 mg/kg** in SB07_8-9 (CU SCO: 1 mg/kg; IU SCO: 1.1 mg/kg)
- Benzo(b)fluoranthene – **39.2 mg/kg** in SB07_8-9 (CU SCO: 5.6 mg/kg; IU SCO: 11 mg/kg)
- Chrysene – 65.2 mg/kg in SB07_8-9 (CU SCO: 56 mg/kg)
- Dibenzo(a,h)anthracene – 0.748 mg/kg in SB11_13-14 to **9.53 mg/kg** in SB07_8-9 (CU SCO: 0.56 mg/kg; IU SCO: 1.1 mg/kg)
- Indeno(1,2,3-cd)pyrene – **26.7 mg/kg** in SB07_8-9 (CU SCO: 5.6 mg/kg; IU SCO: 11 mg/kg)

Metals – Metals were detected in SB-07, SB-10, and SB-11 above their respective CU and/or IU SCOs as summarized below:

- Arsenic – **27.6 mg/kg** in SB10_3-4 (CU/IU SCO: 16 mg/kg)
- Lead – 1,840 mg/kg in SB10_3-4 (CU SCO: 1,000 mg/kg)
- Mercury – 2.97 mg/kg in SB10_3-4; 4.22 mg/kg in SB-11_13-14; 5.33 mg/kg in SB07_1-2 (CU SCO: 2.8 mg/kg)

VOCs, Pesticides and PCBs

VOCs, pesticides and PCBs were not detected at concentrations above CU and/or IU SCOs.

4.4 Groundwater Sample Results

Groundwater results were compared to the NYSDEC Division of Water Technical and Operation Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values (SGVs) for Class GA (drinking water). Analytical results from the groundwater sample are summarized in Table 3.

VOCs were detected in samples collected from MW02 and MW04 at concentrations above the NYSDEC TOGS SGVs and are summarized below. SGVs are listed in parentheses:

- 1,2-Dichloropropane – 7 milligrams per liter (µg/L) in MW02 (SGV: 1 µg/L)
- Isopropylbenzene – 5.1 µg/L in MW02 (SGV: 5 µg/L)
- N-Propylbenzene – 6 µg/L in MW02 (SGV: 6 µg/L)
- Methyl tert-butyl ether (MTBE) - 73 µg/L in MW04 (SGV: 10 µg/L)

SVOCs were detected in samples collected from MW03 at concentrations above the NYSDEC TOGS SGVs and are summarized below.

- Benzo(a)anthracene – 0.564 µg/L (SGV: 0.002 µg/L)
- Benzo(a)pyrene – 0.523 µg/L (SGV: 0.002 µg/L)
- Benzo(b)fluoranthene – 0.369 µg/L (SGV: 0.002 µg/L)
- Benzo(k)fluoranthene – 0.41 µg/L (SGV: 0.002 µg/L)
- Chrysene – 0.523 µg/L (SGV: 0.002 µg/L)
- Indeno(1,2,3-cd)pyrene – 0.297 µg/L (SGV: 0.002 µg/L)

Total and dissolved metals that were detected in the samples collected from MW01 through MW04 at concentrations above the SGVs and are summarized below.

- Total Antimony – 4.34 µg/L in MW03 (SGV: 3 µg/L)
- Total Arsenic – 37.6 µg/L in MW03 (SGV: 25 µg/L)
- Total Iron – 7,420 µg/L in MW04 to 11,100 µg/L in MW01 (SGV: 300 µg/L)
- Dissolved Iron – 5,740 µg/L in MW03 to 11,400 µg/L in MW01 (SGV: 300 µg/L)
- Total Lead - 419 µg/L in MW03 (SGV: 25 µg/L)
- Total Magnesium – 38,800 µg/L in MW01 (SGV: 35,000 µg/L)
- Dissolved Magnesium – 39,900 µg/L in MW01 (SGV: 35,000 µg/L)
- Total Manganese – 1,490 µg/L in MW01 to 3,090 µg/L in MW02 (SGV: 300 µg/L)
- Dissolved Manganese – 1,560 µg/L in MW01 to 3,100 in MW02 (SGV: 300 µg/L)
- Total Sodium – 67,100 µg/L in MW02 to 110,000 µg/L in MW04 (SGV: 20,000 µg/L);
- Dissolved Sodium – 71,900 µg/L in MW02 to 126,000 µg/L in MW04 (SGV: 20,000 µg/L)

5.0 CONCLUSIONS

The following is a summary of Phase II findings:

- Anomalies indicative of an oil/water separator and underground storage tanks (UST) graves were identified on the Eastern and southern part of Lot 6, respectively.
- Fill material, generally consisting of fine-grained sand with varying amounts of fine gravel, silt, brick, wood, and concrete was identified from below surface grade to depths ranging

from about 4 to 16 feet bgs. Native soil, typically consisting of fine-grained sand and silt with varying amounts of medium sand, peat and fine gravel was identified beneath the fill layer to the boring termination depths, ranging from 5 to 20 feet bgs.

- Groundwater was encountered at depths ranging from 8 to 11.5 feet bgs.
- Petroleum-like odors, staining, and PID readings were each identified in soil borings SB01, SB02, and SB04 at depths ranging from 8 to 18 feet bgs. Impacts were generally identified at or below the groundwater table; petroleum-related VOCs and SVOCs were not detected above CU SCOs in the soil samples collected from these borings.
- SVOCs and metals were detected in soil samples at a concentrations above CU and/or IU SCOs in one or more boring. Generally, concentrations were consistent with historic fill in New York City and are not indicative of a point source or release. Concentrations of SVOCs above IU SCOs identified in SB07_8-9 may be attributed to historical site operations or historic fill quality.
- VOCs were not identified in soil about CU and/or IU SCOs; however, MTBE was identified in monitoring wells site-wide, with concentrations exceeding the NYSDEC TOGS SGVs in up-gradient monitoring well MW04. Select petroleum-related VOCs were also identified in monitoring well MW02 above the NYSDEC TOGS SGVs. Petroleum-related VOCs in groundwater may be attributed to historical on-site operations.
- SVOCs were identified in one monitoring well, MW03, above the NYSDEC TOGS SGVs. These exceedances are likely the result of entrained sediment in groundwater derived from historic fill.
- Total antimony, arsenic, iron, lead, magnesium, manganese, and sodium and dissolved iron, magnesium, manganese and sodium were detected in groundwater at a concentrations exceeding TOGS SGVs. Detections of iron, magnesium, manganese and sodium are naturally-occurring and the observed concentrations are not indicative of groundwater contamination. Because dissolved antimony, arsenic, and lead were not identified in groundwater at concentrations greater than the SGV, detections of these total metals in groundwater are likely the result of entrained sediment in groundwater derived from historic fill.

6.0 LIMITATIONS

This report was prepared expressly for Bay Crane Service of New York, for the property located at 57-00, 57-05, 57-57 and 58-20 47th Street, in Maspeth, Queens, New York, and for the objectives defined herein. Langan cannot assume responsibility for the use of this report for any property other than the specific site addressed in this report, or by any third party without specific written authorization from Langan.

The conclusions and opinions provided in this report are based on subsurface conditions ascertained from the analysis of a limited number of samples. Actual conditions encountered may differ substantially from those presented herein and should be brought to our attention whereby we may determine how such changes may affect our conclusions and opinions.

TABLES

Table 1
Phase II Environmental Site Investigation
Sample Summary

57-00, 57-05, 57-57 and 58-20 47th Street
Maspeth, Queens, New York
Langan Project No. 170686701

No.	Sample Location	Sample ID	Sample Date/Time	Sample Collection Depth (feet bgs)	Sampling Rationale	Sample Analyses
SOIL						
1	SB01	SB01_10-11	7/7/2021	10 to 11	interval of greatest impact	TCL/Part 375 VOCs & SVOCs, PCBs, Pesticides and TAL/Part 375 Metals (including cyanide and hexavalent and trivalent chromium)
2	SB02	SB02_17-18	7/8/2021	17 to 18	interval of greatest impact	
3	SB03	SB03_2-3	7/7/2021	2 to 3	historic fill	
4	SB04	SB04_8-9	7/8/2021	8 to 9	interval of greatest impact	
5	SB05	SB05_1-2	7/8/2021	1 to 2	historic fill	
6	SB06	SB06_2-3	7/8/2021	2 to 3	historic fill	
7	SB07	SB07_8-9	7/7/2021	8 to 9	historic fill	
8	SB08	SB08_1-2	7/721	1 to 2	historic fill	
9	SB09	SB09_13-14	7/7/2021	13 to 14	historic fill	
10	SB10	SB10_3-4	7/7/2021	3 to 4	historic fill	
11	SB11	SB11_13-14	7/721	13 to 14	historic fill	
GROUNDWATER						
1	MW01	MW01_070821	7/8/2021	Center of water column	Groundwater	TCL VOCs, SVOCs, PCBs, and TAL Metals (total and dissolved [field filtered])
2	MW02	MW02_070921	7/9/2021			
3	MW03	MW03_070921	7/9/2021			
4	MW04	MW04_070921	7/9/2021			
QA/QC						
	N/A	SOFB01_042820	4/28/2020	N/A	Field Blank	TCL/Part 375 VOCs & SVOCs, PCBs, Pesticides and TAL/Part 375 Metals (including cyanide and hexavalent and trivalent chromium)
	N/A	GWFB01_043020	4/30/2020		Field Blank	TCL VOCs, SVOCs, PCBs, and TAL Metals

Notes:
1. Sample depth intervals were determined in the field.
2. Soil samples to be analyzed for New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules and Regulations (6 NYCRR) Part 375-list compounds.
3. VOC = volatile organic compound
4. SVOC = semivolatile organic compound
5. PCB = polychlorinated biphenyl
6. N/A = Not Applicable
7. TCL = Target Compound List
8. TAL = Target Analyte List
9. QA/QC = quality assurance/quality control

Table 2
Phase II Environmental Site Investigation
Soil Sample Analytical Results Summary

57-00, 57-05, 57-57 and 58-20 47th Street
Maspeth, Queens, New York
Langan Project No.: 17068701

Location			SB01		SB02		SB03		SB04		SB05		SB06		SB07		SB08		SB09		SB10		SB11	
Sample ID	NYSDEC Part 375 Restricted Use Commercial SCOs	NYSDEC Part 375 Restricted Use Industrial SCOs	SB01_10-11		SB02_17-18		SB03_2-3		SB04_8-9		SB05_1-2		SB06_2-3		SB07_8-9		SB08_1-2		SB09_13-14		SB10_3-4		SB11_13-14	
Laboratory ID			21G0279-01		21G0351-01		21G0279-02		21G0351-02		21G0351-03		21G0351-04		21G0279-06		21G0351-05		21G0279-03		21G0279-04		21G0279-05	
Sample Date			7/7/2021		7/8/2021		7/7/2021		7/8/2021		7/8/2021		7/8/2021		7/7/2021		7/8/2021		7/7/2021		7/7/2021		7/7/2021	
Sample Depth (feet bgs)			10-11		17-18		2-3		8-9		1-2		2-3		8-9		1-2		13-14		3-4		13-14	
Volatile Organic Compounds (mg/kg)																								
1,2,4-Trimethylbenzene	190	380	0.0021	U	1.2	U	0.0029	U	0.19	U	0.0027	U	0.0024	U	0.027		0.0055		0.0033	U	0.0041	U	0.41	U
1,3,5-Trimethylbenzene (Mesitylene)	190	380	0.0021	U	1.2	U	0.0029	U	0.19	U	0.0027	U	0.0024	U	0.025		0.004	J	0.0033	U	0.0041	U	0.41	U
Acetone	500	1,000	0.0041	U	2.5	U	0.023		0.38	U	0.0054	U	0.0048	U	0.029		0.22	E	0.025		0.031		1.2	JD
Bromomethane	~	~	0.0021	U	1.2	U	0.0029	U	0.19	U	0.0027	U	0.0024	U	0.0021	U	0.0025	U	0.0033	U	0.022	B	0.41	U
Carbon Disulfide	~	~	0.0021	U	1.2	U	0.0029	U	0.19	U	0.0027	U	0.0024	U	0.0022	J	0.0025	U	0.0036	J	0.0059	J	0.41	U
Chloromethane	~	~	0.0021	U	1.2	U	0.0029	U	0.34	JBD	0.0027	U	0.0024	U	0.0021	U	0.0025	U	0.0033	U	0.029	B	0.77	JBD
Isopropylbenzene (Cumene)	~	~	0.022		1.2	U	0.0029	U	0.19	U	0.0027	U	0.0024	U	0.0021	U	0.0025	U	0.0033	U	0.0041	U	0.41	U
Methyl Acetate	~	~	0.0021	U	1.2	U	0.0029	U	0.19	U	0.0027	U	0.0024	U	0.0021	U	0.0025	U	0.0033	U	0.0041	U	1.8	D
Methyl Ethyl Ketone (2-Butanone)	500	1,000	0.0021	U	1.2	U	0.0029	U	0.2	JD	0.0027	U	0.0024	U	0.007		0.016		0.0071		0.0041	U	0.78	JD
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	~	~	0.0021	U	1.2	U	0.0029	U	0.19	U	0.0027	U	0.0024	U	0.0021	U	0.0037	J	0.0033	U	0.0041	U	0.41	U
Methylcyclohexane	~	~	0.0021	U	450	D	0.0029	U	0.19	U	0.0027	U	0.0024	U	0.0021	U	0.0025	U	0.0033	U	0.0041	U	0.41	U
n-Butylbenzene	500	1,000	0.027		1.2	U	0.0029	U	0.26	JD	0.0027	U	0.0024	U	0.0022	J	0.0025	U	0.0033	U	0.0041	U	2.1	D
n-Propylbenzene	500	1,000	0.039		1.2	U	0.0029	U	0.19	U	0.0027	U	0.0024	U	0.0029	J	0.0025	U	0.0033	U	0.0041	U	0.41	U
o-Xylene (1,2-Dimethylbenzene)	~	~	0.0021	U	1.2	U	0.0029	U	0.19	U	0.0027	U	0.0024	U	0.0021	U	0.0034	J	0.0033	U	0.0041	U	0.41	U
p-Cymene (p-Isopropyltoluene)	~	~	0.0021	U	1.2	U	0.0029	U	0.19	U	0.0027	U	0.0024	U	0.0068		0.005	J	0.0033	U	0.0041	U	0.41	U
Sec-Butylbenzene	500	1,000	0.035		1.2	U	0.0029	U	0.2	JD	0.0027	U	0.0024	U	0.0041	J	0.0025	U	0.0033	U	0.0041	U	0.41	U
Tert-Butyl Alcohol	~	~	0.0021	U	1.2	U	0.0029	U	0.19	U	0.0027	U	0.0024	U	0.0021	U	0.0025	U	0.0033	U	0.058		0.41	U
Toluene	500	1,000	0.0021	U	1.2	U	0.0029	U	0.19	U	0.0027	U	0.0024	U	0.0021	U	0.0059		0.0033	U	0.0063	J	0.41	U
Semivolatile Organic Compounds (mg/kg)																								
2-Methylnaphthalene	~	~	0.0482	U	0.0504	U	0.0522	JD	0.138	D	0.0427	U	0.0434	U	1.73	D	1.23	D	0.0597	U	0.234	D	0.724	D
3 & 4 Methylphenol (m&p Cresol)	500	1,000	0.0482	U	0.0504	U	0.0467	U	0.0453	U	0.0427	U	0.0434	U	0.226	U	0.0484	U	0.0597	U	0.0457	U	0.197	D
Acenaphthene	500	1,000	0.0482	U	0.451	D	0.101	D	0.0453	U	0.0427	U	0.0434	U	11.6	D	0.0796	JD	0.0597	U	0.0457	U	2.42	D
Acenaphthylene	500	1,000	0.0482	U	0.0504	U	0.116	D	0.0453	U	0.0427	U	0.0434	U	0.692	D	0.0788	JD	0.0597	U	0.0457	U	0.0689	U
Anthracene	500	1,000	0.132	D	0.0504	U	0.335	D	0.0809	JD	0.0427	U	0.0434	U	42.4	D	0.161	D	0.0597	U	0.556	D	3.96	D
Benzo(a)anthracene	5.6	11	0.0482	U	0.0504	U	1.03	D	0.128	D	0.0427	U	0.0434	U	**64.8**	D	0.43	D	0.0597	U	0.304	D	5.55	D
Benzo(a)pyrene	1	1.1	0.0482	U	0.0504	U	**1.08**	D	0.149	D	0.0427	U	0.0434	U	**47.1**	D	0.412	D	0.0597	U	0.23	D	**3.84**	D
Benzo(b)fluoranthene	5.6	11	0.0482	U	0.0504	U	0.886	D	0.118	D	0.0427	U	0.0434	U	**39.2**	D	0.334	D	0.0597	U	0.375	D	3.1	D
Benzo(g,h,i)Perylene	500	1,000	0.0482	U	0.0504	U	0.734	D	0.0968	D	0.0427	U	0.0434	U	22.9	D	0.226	D	0.0597	U	0.216	D	1.81	D
Benzo(k)fluoranthene	56	110	0.0482	U	0.0504	U	0.741	D	0.121	D	0.0427	U	0.0434	U	35.8	D	0.348	D	0.0597	U	0.166	D	2.69	D
Biphenyl (Diphenyl)	~	~	0.0482	U	0.0504	U	0.0467	U	0.0453	U	0.0427	U	0.0434	U	0.764	D	0.0484	U	0.0597	U	0.0457	U	0.204	D
Bis(2-ethylhexyl) phthalate	~	~	0.0482	U	0.0504	U	0.132	D	0.0453	U	0.0427	U	0.0434	U	0.226	U	0.0484	U	0.0597	U	0.0457	U	0.0689	U
Carbazole	~	~	0.0482	U	0.0504	U	0.0999	D	0.0453	U	0.0427	U	0.0434	U	5.05	D	0.0602	JD	0.0597	U	0.0457	U	2.43	D
Chrysene	56	110	0.0482	U	0.0504	U	0.995	D	0.132	D	0.0427	U	0.0434	U	**65.2**	D	0.412	D	0.0597	U	0.738	D	4.17	D
Dibenz(a,h)anthracene	0.56	1.1	0.0482	U	0.0504	U	0.254	D	0.0453	U	0.0427	U	0.0434	U	**9.53**	D	0.0827	JD	0.0597	U	0.1	D	**0.748**	D
Dibenzofuran	350	1,000	0.0482	U	0.0504	U	0.0731	JD	0.0453	U	0.0427	U	0.0434	U	6.6	D	0.0484	U	0.0597	U	0.0481	JD	1.6	D
Fluoranthene	500	1,000	0.0991	D	0.0504	U	1.86	D	0.242	D	0.0427	U	0.0434	U	128	D	0.838	D	0.0597	U	0.417	D	12.1	D
Fluorene	500	1,000	0.316	D	0.0504	U	0.151	D	0.0643	JD	0.0427	U	0.0434	U	18.9	D	0.0484	U	0.0597	U	0.119	D	2.57	D
Indeno(1,2,3-cd)pyrene	5.6	11	0.0482	U	0.0504	U	0.794	D	0.0817	JD	0.0427	U	0.0434	U	**26.7**	D	0.216	D	0.0597	U	0.19	D	2.25	D
Naphthalene	500	1,000	0.0922	JD	0.0504	U	0.0835	JD	0.127	D	0.0427	U	0.0434	U	1.41	D	0.308	D	0.0597	U	0.292	D	1.12	D
Phenanthrene	500	1,000	0.703	D	0.0901	JD	1.12	D	0.23	D	0.0427	U	0.0434	U	170	D	0.547	D	0.0597	U	0.561	D	16.1	D
Pyrene	500	1,000	0.21	D	0.0504	U	1.78	D	0.265	D	0.0427	U	0.0434	U	122	D	0.745	D	0.0597	U	0.398	D	10.7	D
Pesticides (mg/kg)																								
4,4'-DDD	92	180	0.0019	U	0.00197	U	0.00188	U	0.00178	U	0.00168	U	0.00175	U	0.00994	D	0.00192	U	0.00236	U	0.0018	U	0.00272	U
4,4'-DDE	62	120	0.0019	U	0.00197	U	0.00188	U	0.00178	U	0.00168	U	0.00175	U	0.00853	D	0.00192	U	0.00236	U	0.0018	U	0.00272	U
Polychlorinated Biphenyls (mg/kg)																								
PCB-1254 (Aroclor 1254)	~	~	0.0192	U	0.0198	U	0.0884		0.0179	U	0.0169	U	0.0176	U	0.0176	U	0.0367		0.0238	U	0.0182	U	0.0275	U
PCB-1260 (Aroclor 1260)	~	~	0.0192	U	0.0198	U	0.0189	U	0.0179	U	0.0169	U	0.0176	U	0.0184		0.0194	U	0.0238	U	0.0182	U	0.0275	U
Total PCBs	1	25	0.0192	U	0.0198	U	0.0884		0.0179	U	0.0169	U	0.0176	U	0.0184		0.0367		0.0238	U	0.0182	U	0.0275	U
Inorganics (mg/kg)																								
Aluminum	~	~	7,920		3,110		8,800		6,520		3,870		6,350		801		9,460		11,100		5,590		12,400	
Arsenic	16	16	2.92		1.82	U	6.54		1.63	U	1.56	U	2.31		12.4		5.74		14.1		**27.6**		10.3	
Barium	400	10,000	126		18.8		137		50.9		34.6		31.7		36.9		99.8		190		119		223	
Beryllium	590	2,700	0.058	U	0.061	U	0.057	U	0.054	U	0.052	U	0.053	U	0.362		0.059	U	0.072	U	0.055	U	0.083	U
Cadmium	9.3	60	0.348	U	0.363	U	0.481		0.326	U	0.311	U	0.319	U	0.327	U	0.352	U	0.501		0.355		1.18	
Calcium	~	~	29,500		836	B	43,000		18,600	B	861	B	643	B	687		81,900	B	7,600		3,350		35,300	
Chromium, Total	~	~	21.5		6.79		19.7		22.2		9.94		14		5.15		31.5		21		10.2		46.2	
Chromium, Trivalent	1,500	6,800	21.5		6.79		19.7		22.2		9.94		14		5.15		31.5		21		10.2		46.2	
Cobalt	~	~	6.5		4.14		6.92		6.66		6.36		7.87		2.14		5.56		15.6		7.78		9.49	
Copper	270	10,000	41.8		6.47		46.2		29.8		12		11.4		11.7		37.4		33.6		110		149	
Iron	~	~	12,200		7,090		17,900		33,000		19,000		20,600		6,470		10,700		19,000		17,800		26,200	
Lead	1,000	3900	72.6		1.51		124		29.6		1.41		2.59		29.7		39.8		28		**1,840**		381	
Magnesium	~	~	7,170		1,210		5,190		2,910		1,360		1,590		106		8,190		930		696		4,760	
Manganese	10,000	10,000	265		80.1		299		535		478		521		10.1		268		92.1		69.6		373	
Mercury	2.8	5.7	0.0633		0.0363	U	0.272		0.0721		0.0311	U	0.0319	U	**5.33**		0.118		0.143		**2.97**		**4.22**	
Nickel	310	10,000	14.2		7.41		16.2		12.7		8.48		11.8		6.13		16.3		29.6		14.1		31.5	
Potassium	~	~	946		448		1,610		976		534		766		284		1,770		796		521		2,190	
Sodium	~	~	322		84.9		292		394		330		55		114		459		366		230		441	
Vanadium	~	~	19.1		10		24.1		40.5		18.6		22.6		7.6		26.3		30.6		15.4		38.1	
Zinc	10,000	10,000	95.3		14.9		147		55.3		12.2		42		13.9		93.9		211		151		646	
General Chemistry (%)																								
Solids, Percent	~	~	86.2		82.6		87.4		91.9		96.4		94.2		91.8		85.2		69.5		90.9		60.3	

Notes provided on Page 2.
Concentrations above Restricted Use Commercial SCOs are bolded.
Concentrations above Restricted Use Industrial SCOs are shaded.

Table 2
Phase II Environmental Site Investigation
Soil Sample Analytical Results Summary

57-00, 57-05, 57-57 and 58-20 47th Street
Maspeth, Queens, New York
Langan Project No.: 17068701

Notes:

1. Soil sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Restricted Use Commercial and Restricted Use Industrial Soil Cleanup Objectives (SCO).
2. Only detected analytes are shown in the table.
3. Criterion comparisons for 3- & 4-methylphenol (m&p cresol) are provided for reference. Promulgated SCOs are for 3-methylphenol (m-cresol) and 4-methylphenc (p-cresol).
4. Detected analytical results above Restricted Use Commercial are bolded.
5. Detected analytical results above Restricted Use Industrial SCOs are shaded.
6. Analytical results with reporting limits (RL) above the lowest applicable criteria are italicized.
7. ~ = Regulatory limit for this analyte does not exist
8. bgs = below grade surface
9. mg/kg = milligrams per kilogram
10. % = percent

Qualifiers:

D = The concentration reported is a result of a diluted sample.
E = The result is estimated and cannot be accurately reported due to levels encountered or interferences.
J = The analyte was detected above the Method Detection Limit (MDL), but below the RL; therefore, the result is an estimated concentration.
U = The analyte was analyzed for, but was not detected at a level greater than or equal to the RL; the value shown in the table is the RL.
B = The analyte was found in the associated analysis batch blank.

Table 3
Phase II Environmental Site Investigation
Groundwater Sample Analytical Results Summary

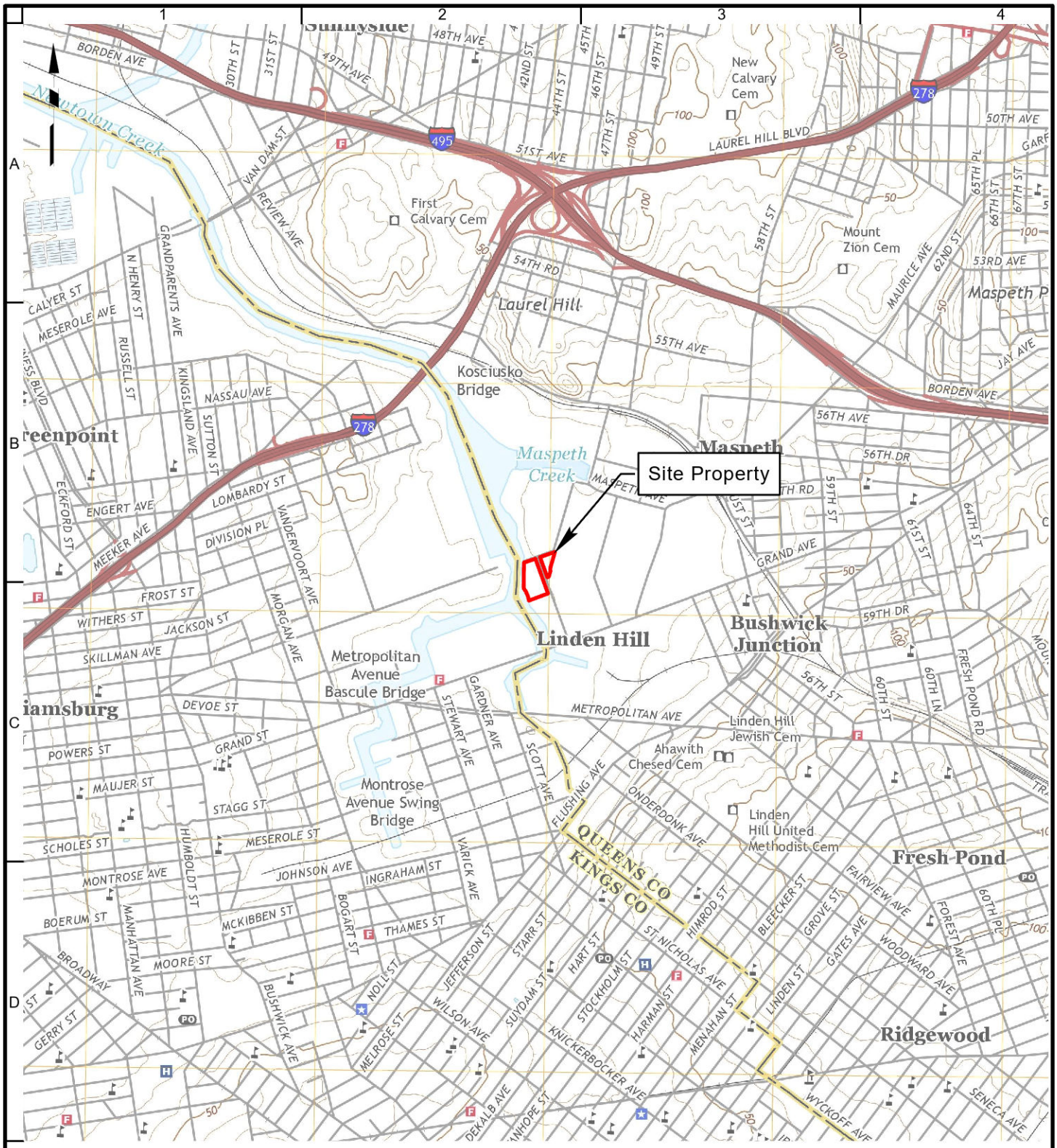
57-00, 57-05, 57-57 and 58-20 47th Street
Maspeth, Queens, New York
Langan Project No.: 17068701

Location		MW01		MW02		MW03		MW04	
Sample ID	NYSDEC	MW01_070821		MW02_070921		MW03_070921		MW04_070921	
Laboratory ID	SGVs	21G0351-06		21G0417-01		21G0417-02		21G0417-03	
Sample Date		7/8/2021		7/9/2021		7/9/2021		7/9/2021	
Volatile Organic Compounds (µg/L)									
1,2-Dichloropropane	1	0.2	U	**7**		0.2	U	0.2	U
2-Hexanone (MBK)	50	0.2	U	5.1		0.2	U	0.2	U
Acetone	50	1	J	1	U	3.5		10	
Benzene	1	0.2	U	0.48	J	0.2	U	0.2	U
Chloroform	7	0.87		0.2	U	0.2	U	0.2	U
Cyclohexane	~	0.2	U	91		0.2	U	0.5	
Isopropylbenzene (Cumene)	5	0.2	U	**5.1**		0.2	U	0.21	J
Methyl Ethyl Ketone (2-Butanone)	50	0.2	U	0.2	U	0.2	U	1.2	
Methylcyclohexane	~	0.2	U	380	D	0.44	J	0.2	U
n-Butylbenzene	5	0.2	U	0.28	J	0.2	U	0.62	
n-Propylbenzene	5	0.2	U	**6**		0.2	U	0.45	J
Sec-Butylbenzene	5	0.2	U	3.5		0.2	U	0.51	
T-Butylbenzene	5	0.27	J	0.92		0.2	U	0.53	
Tert-Butyl Methyl Ether	10	1.4		0.87		0.41	J	**73**	
Semivolatile Organic Compounds (µg/L)									
2-Methylnaphthalene	~	2.56	U	2.5	U	2.56	U	3.11	J
Acenaphthene	20	0.472		1.11		0.554		0.21	
Acenaphthylene	~	0.0513	U	0.05	U	0.215		0.05	
Anthracene	50	0.0513	U	0.11		0.677		0.13	
Benzo(a)anthracene	0.002	*0.0513*	U	*0.05*	U	**0.564**		*0.05*	U
Benzo(a)pyrene	0	*0.0513*	U	*0.05*	U	**0.523**		*0.05*	U
Benzo(b)fluoranthene	0.002	*0.0513*	U	*0.05*	U	**0.369**		*0.05*	U
Benzo(g,h,i)Perylene	~	0.0513	U	0.05	U	0.277		0.05	U
Benzo(k)fluoranthene	0.002	*0.0513*	U	*0.05*	U	**0.41**		*0.05*	U
Chrysene	0.002	*0.0513*	U	*0.05*	U	**0.523**		*0.05*	U
Dibenz(a,h)anthracene	~	0.0513	U	0.05	U	0.0923		0.05	U
Fluoranthene	50	0.0513	U	0.05	U	1.7		0.05	
Fluorene	50	0.0513	U	0.05	U	0.738		0.09	
Indeno(1,2,3-cd)pyrene	0.002	*0.0513*	U	*0.05*	U	**0.297**		*0.05*	U
Naphthalene	10	0.0615		0.09		0.246		1.57	
Phenanthrene	50	0.0718		0.12		1.81		0.49	
Pyrene	50	0.0513		0.05	U	1.11		0.06	
Polychlorinated Biphenyls (µg/L)	~	ND		ND		ND		ND	
Inorganics (µg/L)									
Aluminum	~	55.6	U	55.6	U	3,060		157	
Antimony	3	1.18		1.11	U	**4.34**		1.55	
Arsenic	25	7.51		1.11	U	**37.6**		1.12	
Arsenic (Dissolved)	25	7.34		1.11	U	22.2		1.48	
Barium	1,000	116		205		106		175	
Barium (Dissolved)	1,000	123		201		40.9		173	
Cadmium	5	0.556	U	0.556	U	3.01		0.556	U
Calcium	~	191,000		159,000		100,000		110,000	
Calcium (Dissolved)	~	191,000		157,000	B	95,000	B	109,000	B
Chromium, Total	50	5.56	U	5.56	U	14.3		5.56	U
Chromium, Trivalent	~	10	U	10	U	14.3		10	U
Copper	200	22.2	U	22.2	U	74.2		22.2	U
Iron	300	**11,100**		**9,260**		**10,800**		**7,420**	
Iron (Dissolved)	300	**11,400**		**8,810**		**5,740**		**7,370**	
Lead	25	5.56	U	5.56	U	**419**		5.56	U
Magnesium	35,000	**38,800**		33,800		3,290		22,700	
Magnesium (Dissolved)	35,000	**39,900**		34,400		2,570		23,300	
Manganese	300	**1,490**		**3,090**		126		**2,590**	
Manganese (Dissolved)	300	**1,560**		**3,100**		90.5		**2,560**	
Mercury	0.7	0.2		0.2	U	0.4		0.2	U
Potassium	~	22,300		20,500		102,000		9,400	
Potassium (Dissolved)	~	22,800		19,300	B	102,000	B	9,370	B
Selenium	10	1.11	U	1.11	U	1.88		1.11	
Selenium (Dissolved)	10	1.94		5.22		1.16		8.49	
Silver	50	5.56	U	6.74		5.56	U	5.56	U
Sodium	20,000	**79,400**		**67,100**		**95,400**		**110,000**	
Sodium (Dissolved)	20,000	**86,000**		**71,900**		**109,000**		**126,000**	
Zinc	2,000	27.8	U	27.8	U	228		27.8	U

Notes:
1. Groundwater sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules and Regulations (NYCRR) Part 703.5 and the NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values for Class GA Water (herein collectively referenced as "NYSDEC SGVs").
2. Only detected analytes are shown in the table.
3. Detected analytical results above NYSDEC SGVs are bolded and shaded.
4. Analytical results with reporting limits (RL) above NYSDEC SGVs are italicized.
5. ~ = Regulatory limit for this analyte does not exist
6. µg/l = micrograms per liter
7. ND = Not detected

Qualifiers:
D = The concentration reported is a result of a diluted sample.
J = The analyte was detected above the Method Detection Limit (MDL), but below the RL; therefore, the result is an estimated concentration.
U = The analyte was analyzed for, but was not detected at a level greater than or equal to the RL; the value shown in the table is the RL.
B = The analyte was found in the associated analysis batch blank.

FIGURES



Notes:
1. Basemap adapted from United States Geological Survey (USGS) 7.5-Minute Series Topographical Maps, Brooklyn, New York, Quadrangle, Dated 2019.

LANGAN
21 Penn Plaza, 360 West 31st Street, 8th Floor
New York, NY 10001-2727
T: 212.479.5400 F: 212.479.5444 www.langan.com

Langan Engineering & Environmental Services, Inc.
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.
Langan International LLC

Collectively known as Langan

Project
57-00, 57-05, 57-57 AND 58-20 47th STREET
BLOCK Nos. 2601, 2602
LOT Nos. 1, 6, 68, 72
QUEENS NEW YORK

Figure Title
SITE PROPERTY LOCATION MAP

Project No.	170686701
Date	7/21/2021
Scale	1"=2,000'
Drawn By	MG
Submission Date	

Figure No. 1

Sheet 1 of 3

© 2021 Langan

Path: \\langan.com\data\NYC\data7\170686701\Project Data\ArcGIS\APRX\170686701\170686701.aprx Date: 7/21/2021 User: Aglover Time: 3:56 PM

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SCALE IN FEET

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Project
57-00, 57-05, 57-57, and 58-20 47th Street
BLOCK Nos. 2601, 2602, 2603,
LOT Nos. 1, 6, 72, 68
QUEENS NEW YORK

Figure Title
SAMPLE LOCATION MAP

Project No. 170686701	Figure No. 2
Date 7/20/2021	
Scale 1"=100'	
Drawn By	Sheet 1 of 1

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Path: \\langan.com\data\NYC\data7\170686701\Project Data\ArcGIS\APRX\170686701\170686701.aprx Date: 7/20/2021 User: ibaker Time: 2:32 PM

APPENDIX A
SITE PHOTOGRAPHS

Photograph 1: View of Eastern Environmental Solutions Inc. (Eastern) preparing to advance soil boring SB01 in the southeastern portion of the site (facing southwest)

Photograph 2: View Eastern advancing soil boring SB04 in the northeastern portion of the site (facing east)

Photograph 3: View of material observed in soil boring SB01, in the southeastern portion of the site (facing southwest)

Photograph 4. View of soil cores from SB04, in the northeastern part of the site (facing south).

Photograph 5: View of purged groundwater generated from development of temporary monitoring well MW02

Photograph 6: View of purged groundwater generated during low flow purging of temporary monitoring well MW02, prior to groundwater sample collection.

Photograph 7: View of Langan performing low flow purging prior to groundwater sample collection at temporary monitoring well MW04 (facing east)

Photograph 8: View of the final site restoration using Portland cement at soil boring SB04 (facing east)

APPENDIX B
GEOPHYSICAL SURVEY REPORT

GEOPHYSICAL ENGINEERING SURVEY REPORT

Industrial Site
58-20 47th Street,
Maspeth, Queens 11378

NOVA PROJECT NUMBER:
21-2307

DATED:
July 19, 2021

PREPARED FOR:

LANGAN

21 Penn Plaza
360 West 31st Street, 8th Floor
New York, New York 10001-2727

PREPARED BY:

NOVA
GEOPHYSICAL
ENGINEERING
Subsurface Mapping Solutions
56-01 Marathon Parkway # 765
Douglaston, New York 11362
347-556-7787 (PHONE)
718-261-1527(FAX)
www.nova-gsi.com

NOVA GEOPHYSICAL SERVICES

SUBSURFACE MAPPING SOLUTIONS
56-01 Marathon Parkway #765, Douglaston, New York 11362
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July 16, 2021

Kimberly Semon, PE
Project Manager
LANGAN
21 Penn Plaza
360 West 31st Street, 8th Floor
New York, New York 10001-2727
Direct: 212.479.5486
Mobile: 631.338.2036
E: ksemon@langan.com

Re: Geophysical Engineering Survey (GES) Report
Industrial Site
58-20 47th Street,
Maspeth, Queens 11378

Dear Mrs. Semon,

Nova Geophysical Services (NOVA) is pleased to provide the findings of the geophysical engineering survey (GES) at the above referenced project site: 58-20 47th Street, Maspeth, Queens 11378 (the "Site").

INTRODUCTION TO GEOPHYSICAL ENGINEERING SURVEY (GES)

NOVA performed a geophysical engineering survey (GES) consisting of a Ground Penetrating Radar (GPR) and Electromagnetic (EM) survey at the site. The purpose of this survey is to locate and identify utilities, underground storage tanks and other substructures on July 7th, 2021.

The equipment selected for this investigation was a Sensors and Software Noggin 250 MHz ground penetrating radar (GPR) with a shielded antenna and a Radio Detection RD7100 Electromagnetic utility locator.

A GPR system consists of a radar control unit, control cable, and transducer (antenna). The control unit transmits a trigger pulse at a normal repetition rate of 250 MHz. The trigger pulse is sent to the transmitter electronics in the transduce via the control cable. The transmitter electronics amplify the trigger pulse into bipolar pulses that are radiated to the surface. The transformed pulses vary in shape and frequency according to the transducer used. In the subsurface, variations of the signal occur at boundaries where

there is a dielectric contrast (void, steel, soil type, etc.). Signal reflections travel back to the control unit and are represented as color graphic images for interpolation.

A typical electromagnetic (EM) utility locating system consists of a transmitter unit and a receiver unit. The receiver unit can be used independently of the transmitter unit in order to detect utility lines with an inherent EM signature (electric utility lines, water lines, etc.). If needed a current at a specific frequency can also be placed on a utility that is being located. This can be done via the transmitter unit by either direct connection or induction via an EM field varying at specific frequency. The receiver unit is then set to the selected frequency and the electromagnetic field created by the current running through the utility can be located allowing the utility to be marked.

GEOPHYSICAL METHODS

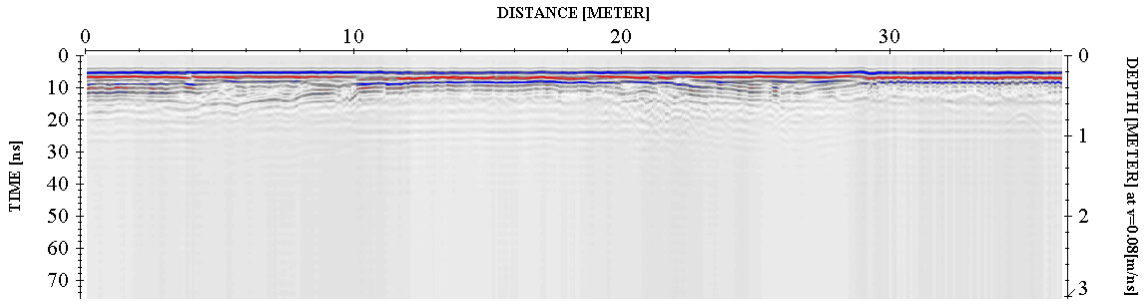
The project site was screened using GPR to search the specified area and inspected for reflections, which could be indicative of substructures and utilities within the subsurface. An EM utility locator was used to help determine the locations of utilities within the survey area.

EM data was collected and interpreted on site and suspected utilities marked as needed. GPR data profiles were collected for the areas of the Site specified by the client and processed as specified below.

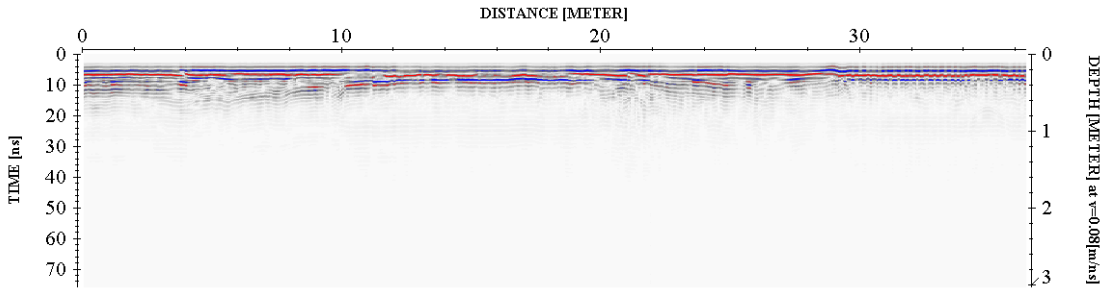
DATA PROCESSING

In order to improve the quality of the results and to better identify anomalies NOVA processed the collected data. The processing work flow is briefly described in this section.

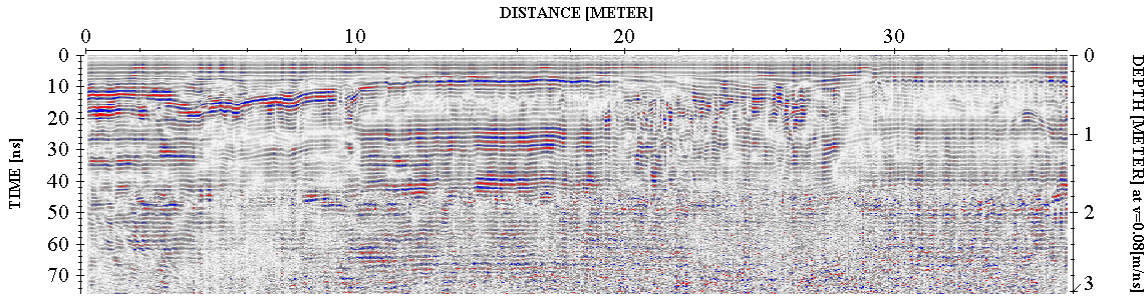
Step 1. Import Raw RAMAC data to standard processing format



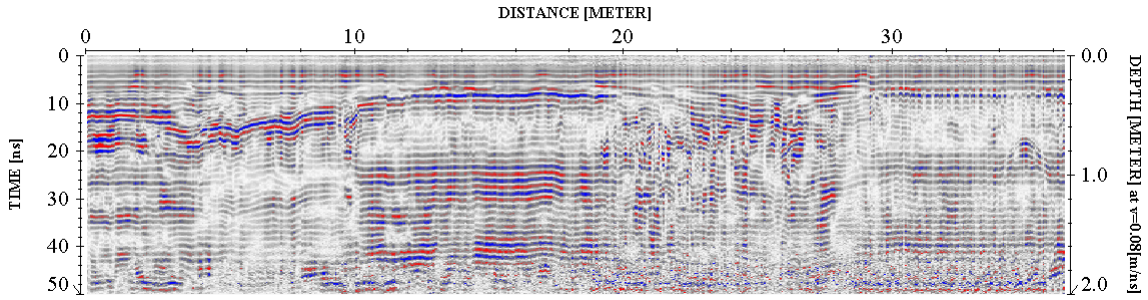
Step 2. Remove instrument noise *(dewow)*



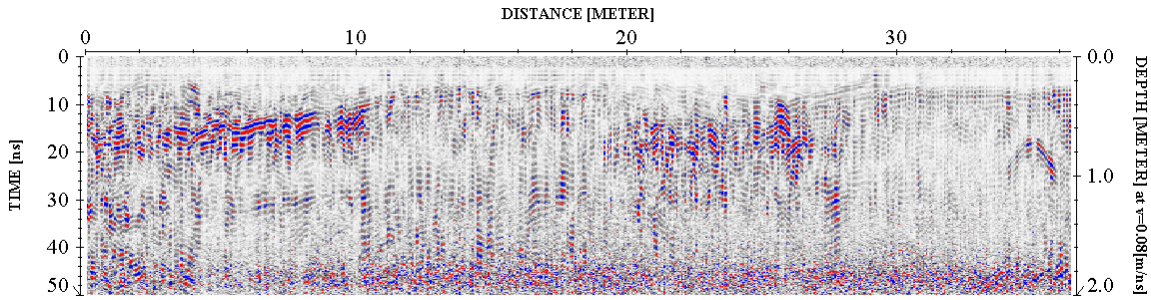
Step 3. Correct for attenuation losses *(energy decay function)*



Step 4. Remove static from bottom of profile *(time cut)*



Step 5. Mute horizontal ringing/noise *(subtracting average)*



The above example shows the significance of data processing. The last image (step 5) has higher resolution than the starting image (raw data – step 1) and represents the subsurface anomalies much more accurately.

PHYSICAL SETTINGS

NOVA observed the following physical conditions at the time of the survey.

Weather: Clear

Temperature: 95° F

Surface: Concrete, Gravel,

Survey Parameters: A GPR grid scan was conducted within the survey areas as shown on the survey plan. The approximate line spacing of the grid survey was approximately 6'. Additional GPR data was collected over features of interest and in the vicinity of proposed boring locations. An EM utility locator was used in conjunction with the GPR throughout the surveyed areas.

Limitations: The geophysical noise level at the site was high due to being located in an urban environment, reinforced concrete within the surveyed areas and the presence of gravel.

RESULTS

The results of the geophysical engineering survey (GES) identified the following at the project site:

- Anomalies resembling potential subsurface utilities (such as sewer, water, electric, drainage, telecom, and gas) along with related structures (such as an oil water separator and drains) were identified during the GES. The approximate locations are shown in the survey plan.
- NOVA identified a suspected aboveground storage tank (AST) vault (AST removed prior to GES). A second AST was also identified within the survey area. Two additional sets of vent pipe and fill port were identified and are suspected to be related to two previously removed ASTs. Shown in the survey plan.
- Two large geophysical anomalies resembling potential underground storage tank (UST) graves along with associated lines were identified. Shown in the survey plan.
- All cleared proposed boring locations are shown in the survey plan.

If you have any questions, please do not hesitate to contact the undersigned.

Sincerely,

NOVA Geophysical Services

Levent Eskicakit, P.G., E.P.

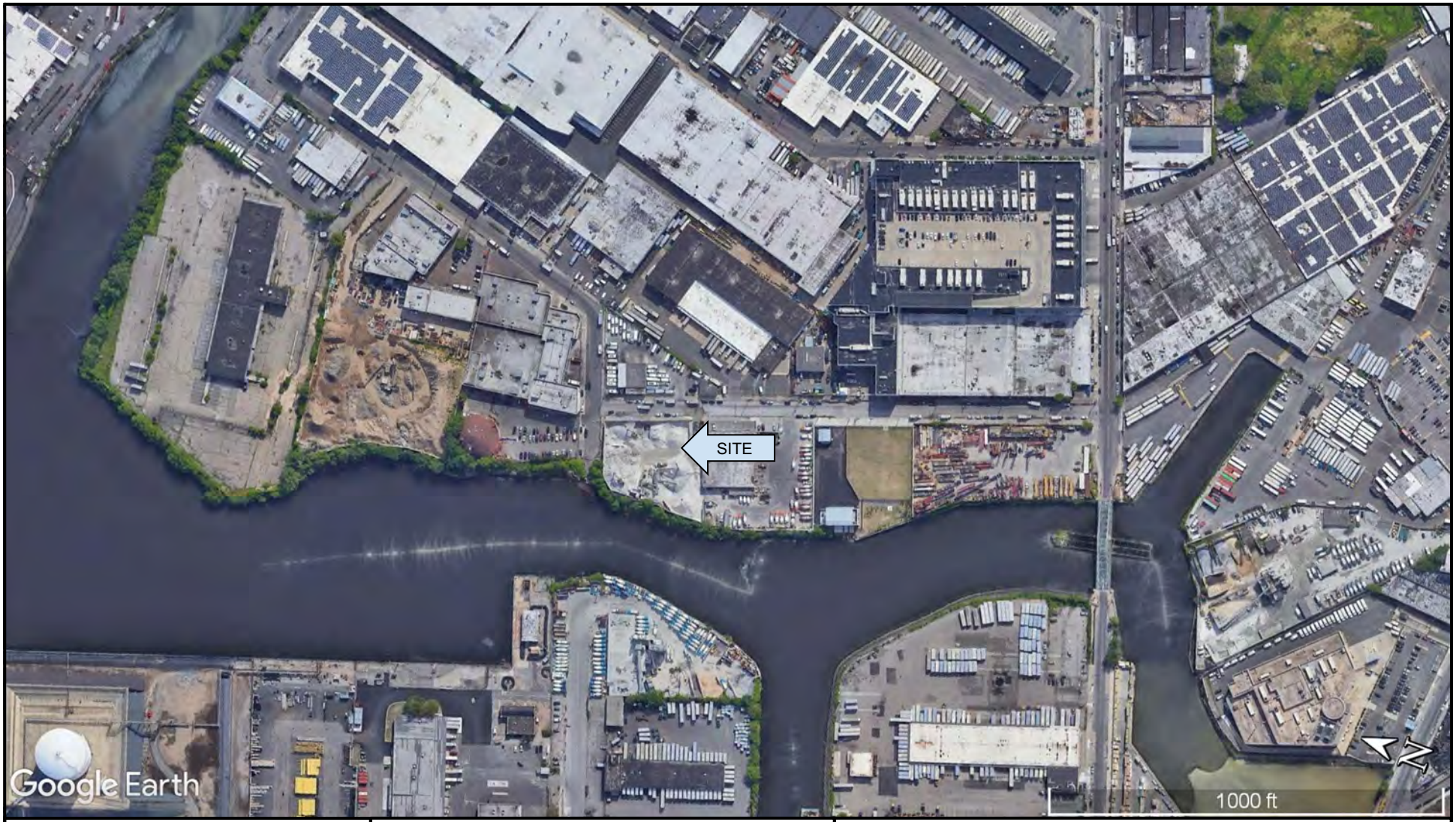
Project Engineer

Attachments:

Location Map

Survey Plan

Geophysical Images

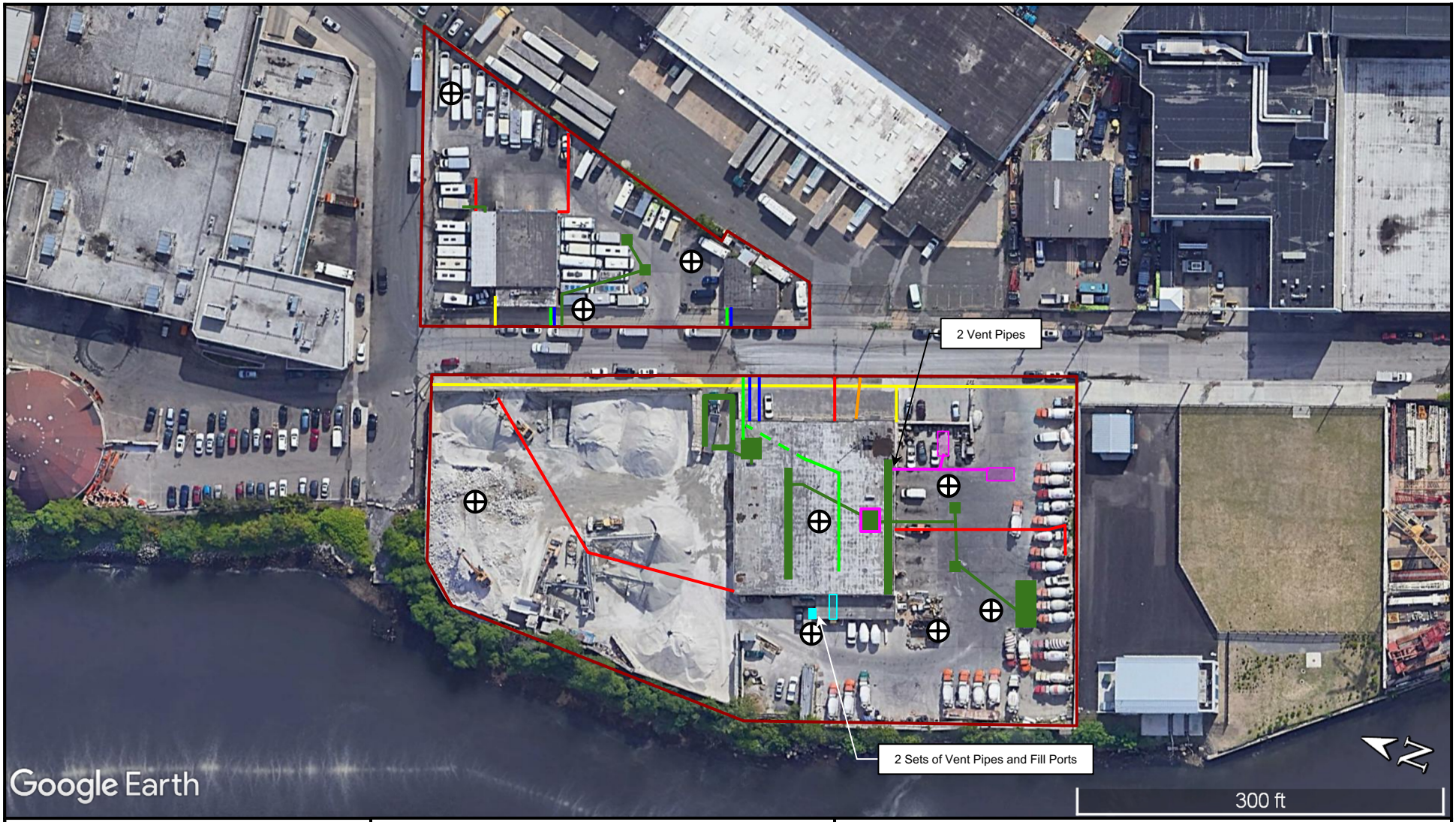


NOVA
Geophysical Services
Subsurface Mapping Solutions
56-01 Marathon Parkway, # 765
Douglaston, New York 11362
Phone (347) 556-7787 * Fax (718) 261-1527
www.novagsi.com

LOCATION MAP

SITE:	**Industrial Site** 58-20 47th Street , Maspeth, New York 11238
CLIENT:	Langan
DATE:	July 7th, 2021
AUTH:	Chris Steinley / Tolga Ybas

LEGEND



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SURVEY PLAN

SITE:	**Industrial Site** 58-20 47th Street , Maspeth, New York 11238
CLIENT:	Langan
DATE:	July 7th, 2021
AUTH:	Chris Steinley / Tolga Ybas

LEGEND

- Survey Area
- Sewer
- Water
- Gas
- Electric
- Telecom
- Oil-Water Separator
- Drainage Structure
- UST Grave
- AST Vault
- AST
- Drain
- ⊕ Proposed Boring

GEOPHYSICAL IMAGES

Industrial Site
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July 7th, 2021

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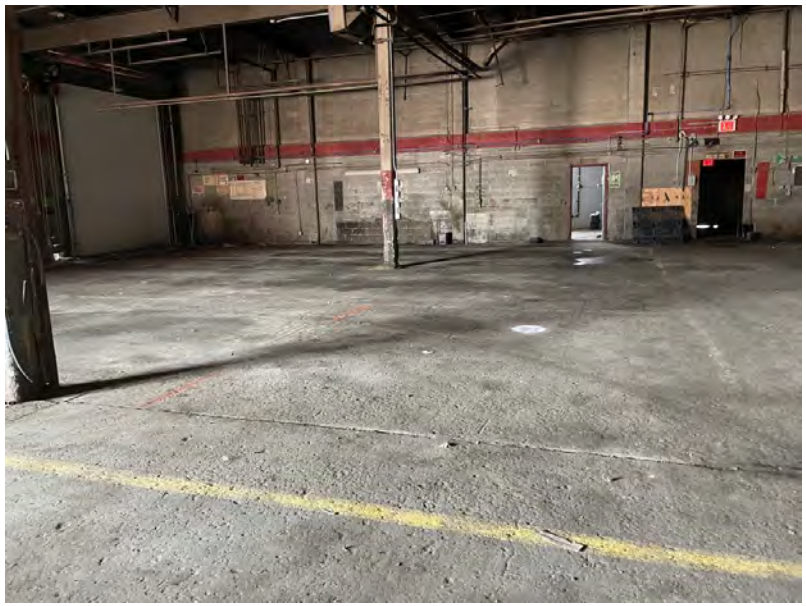

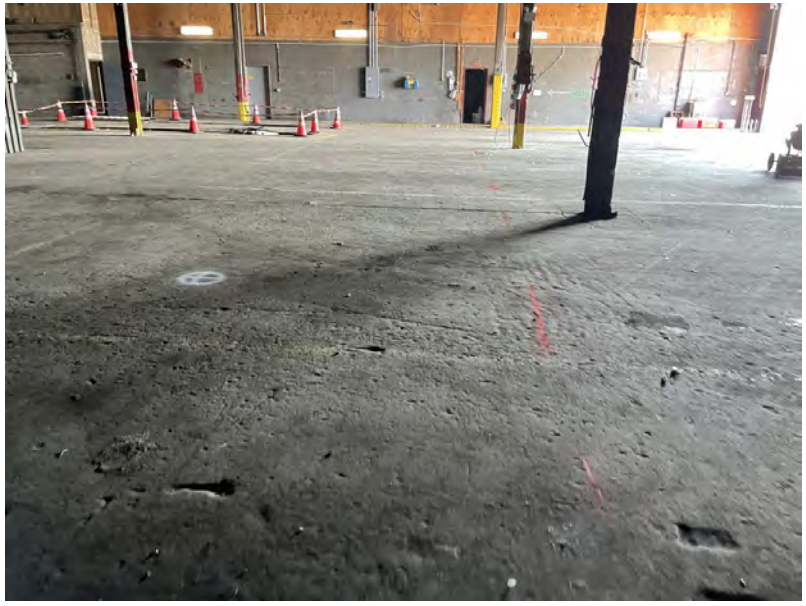

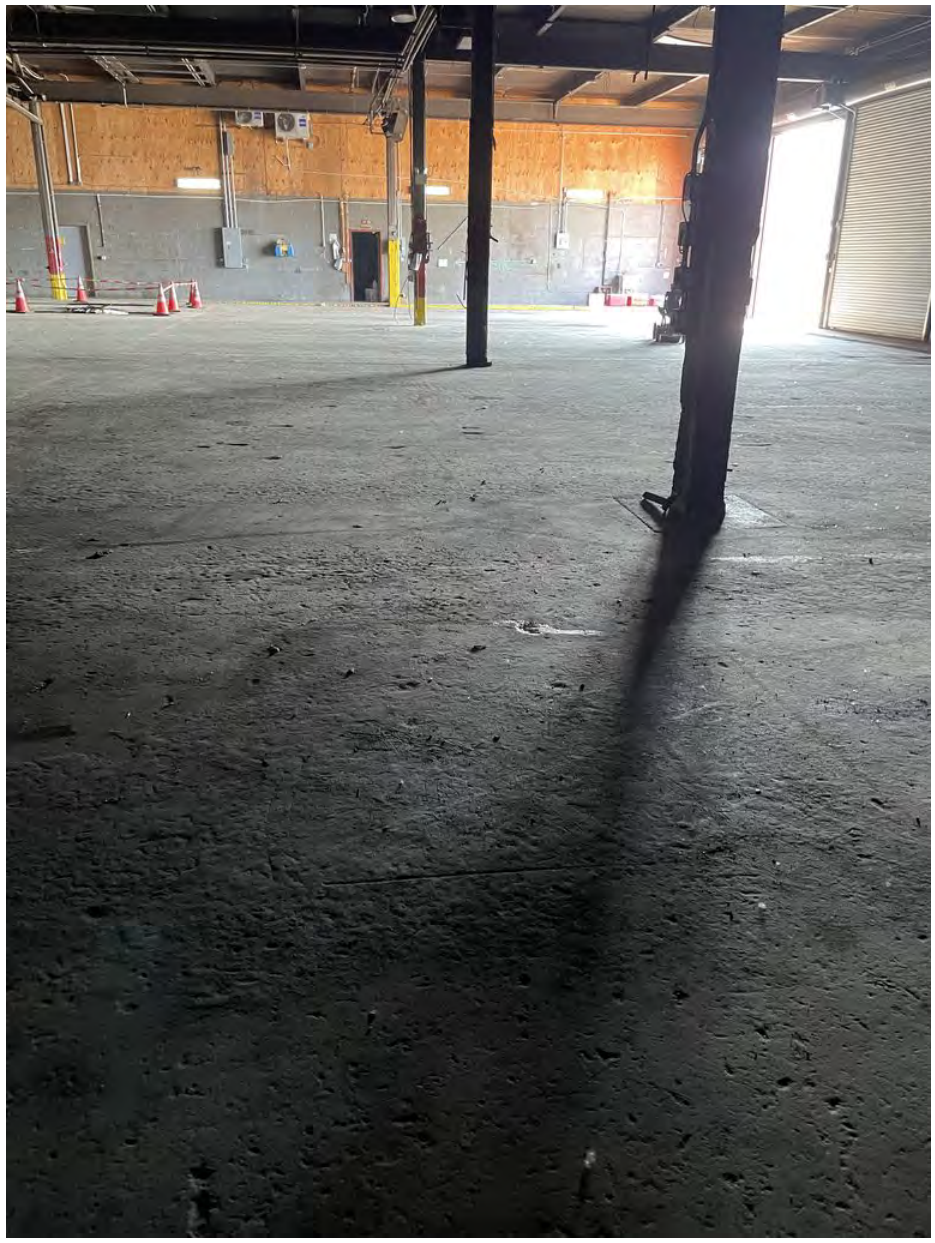

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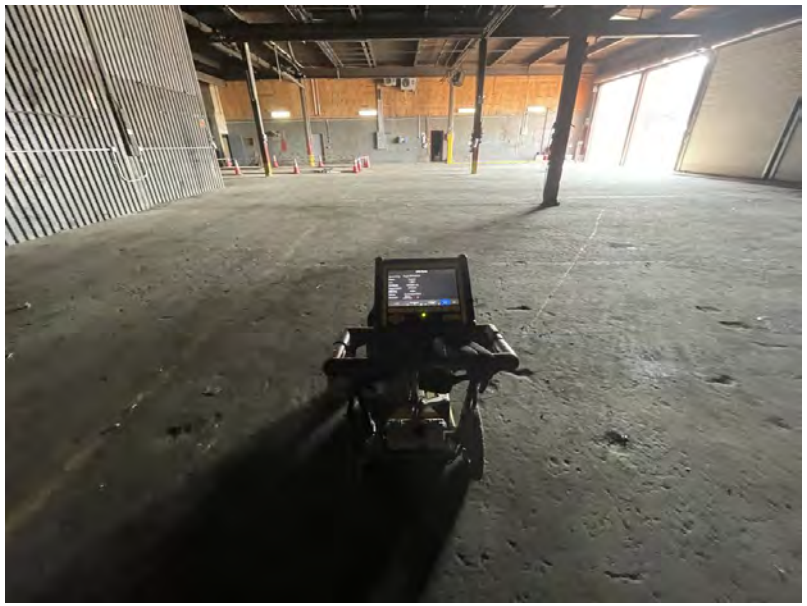

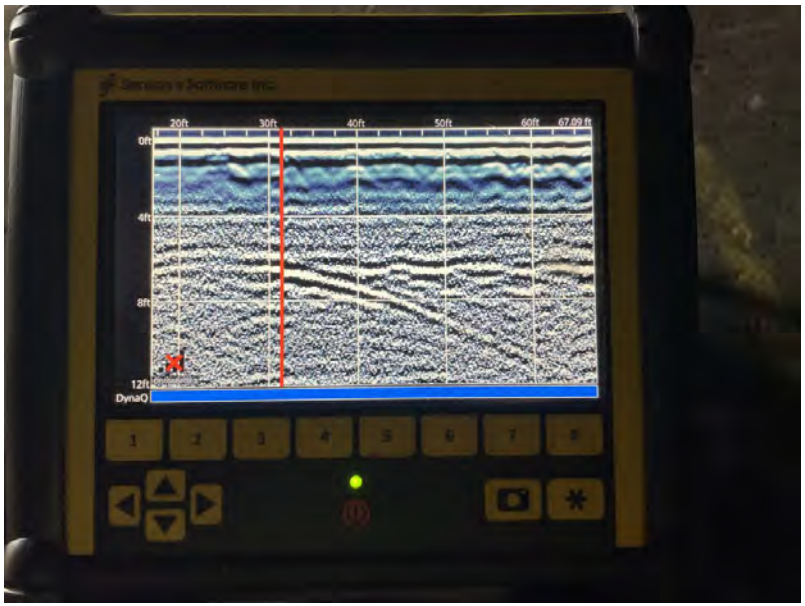

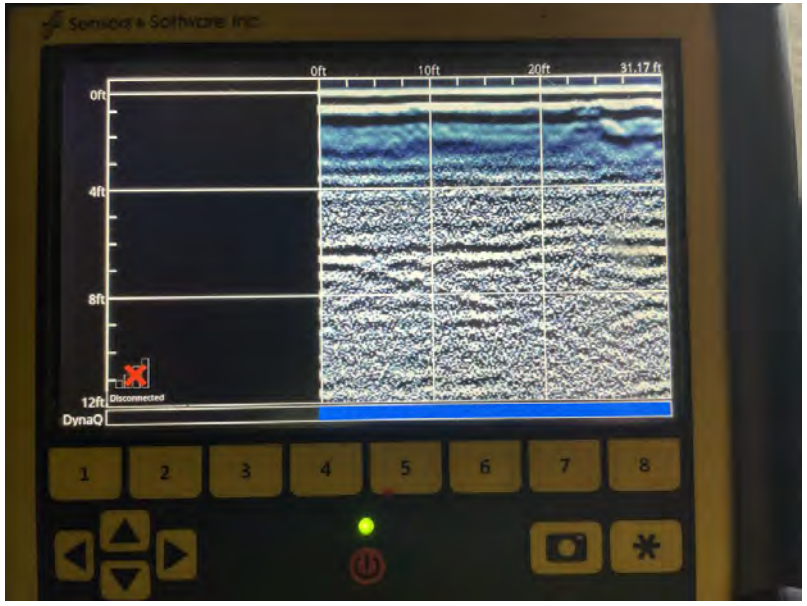

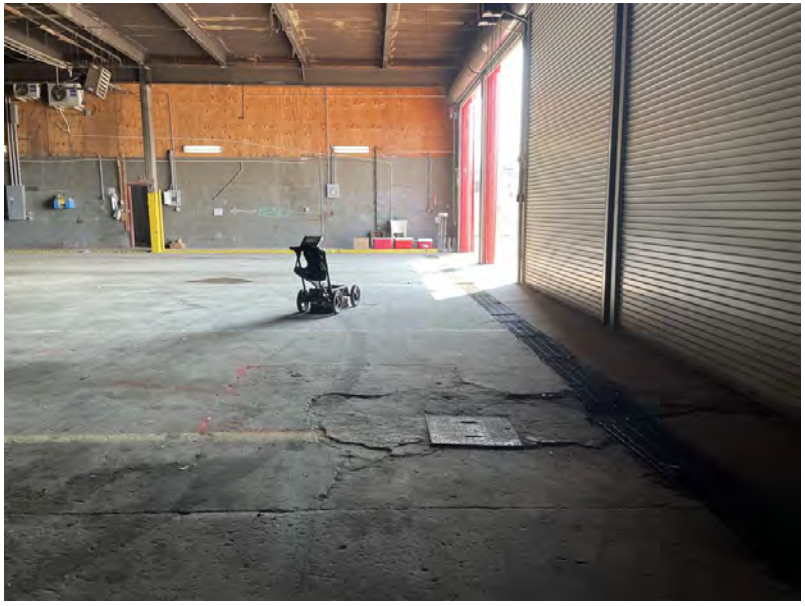

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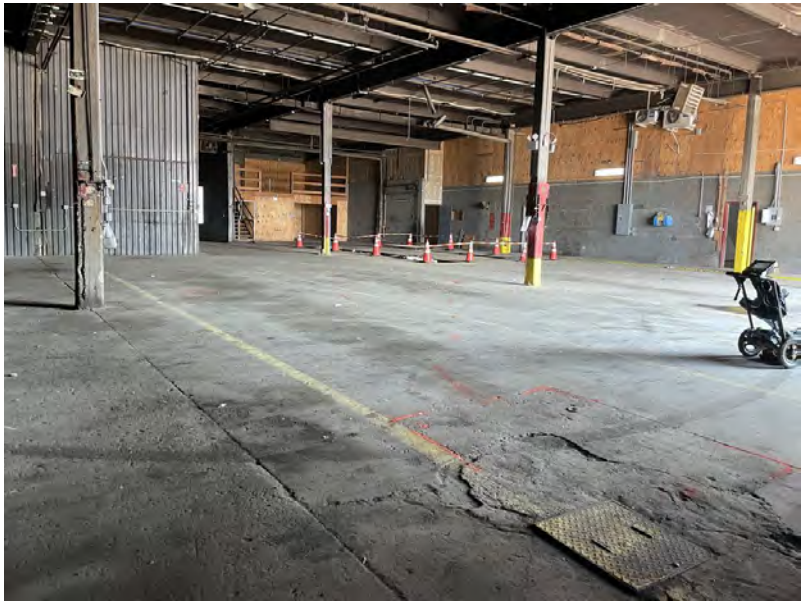

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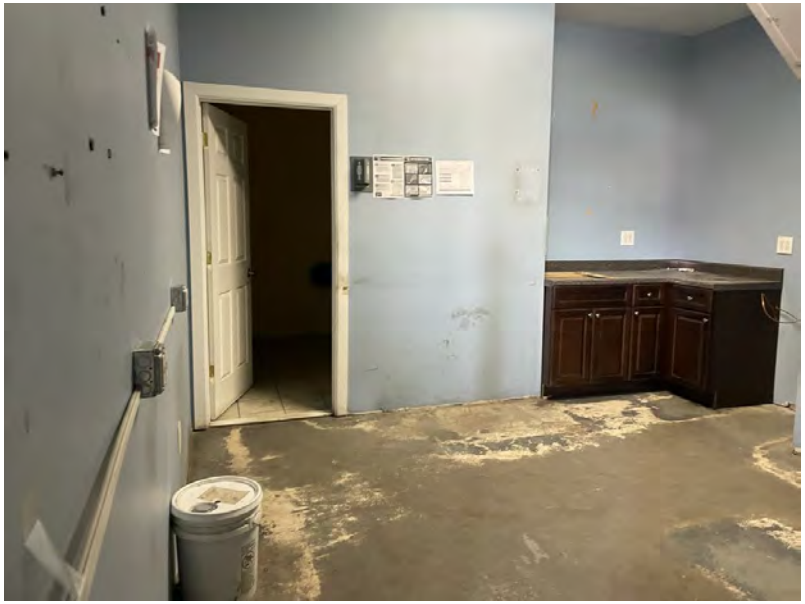

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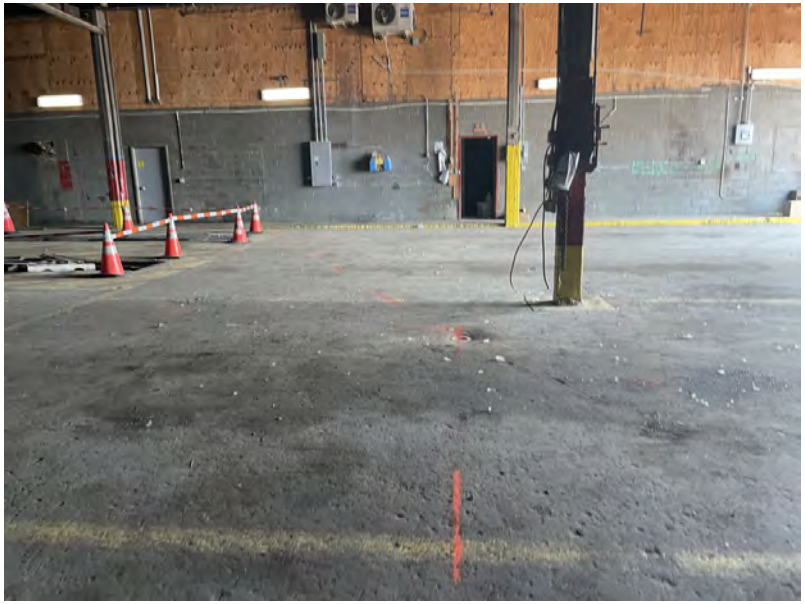

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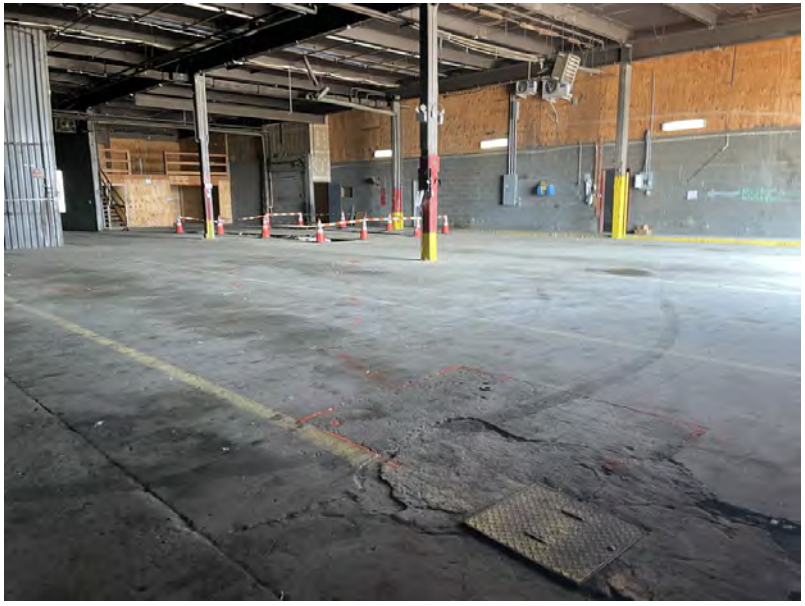

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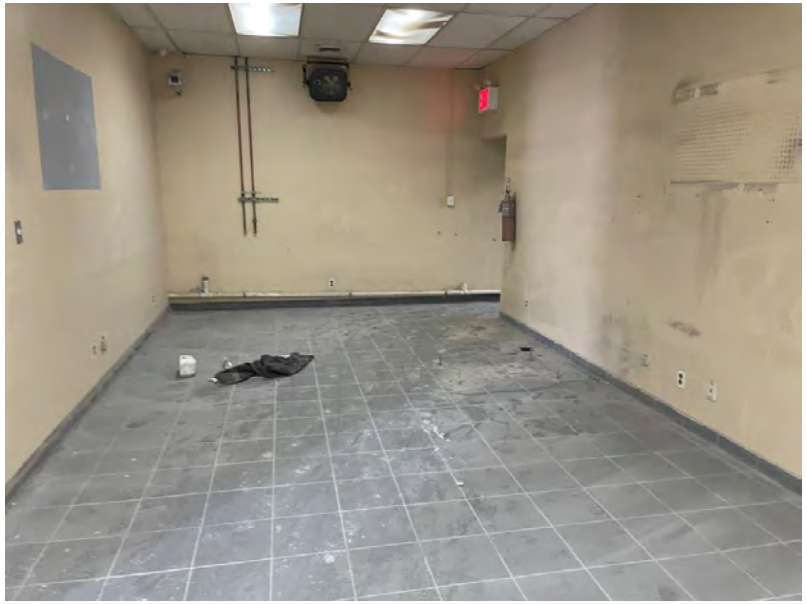

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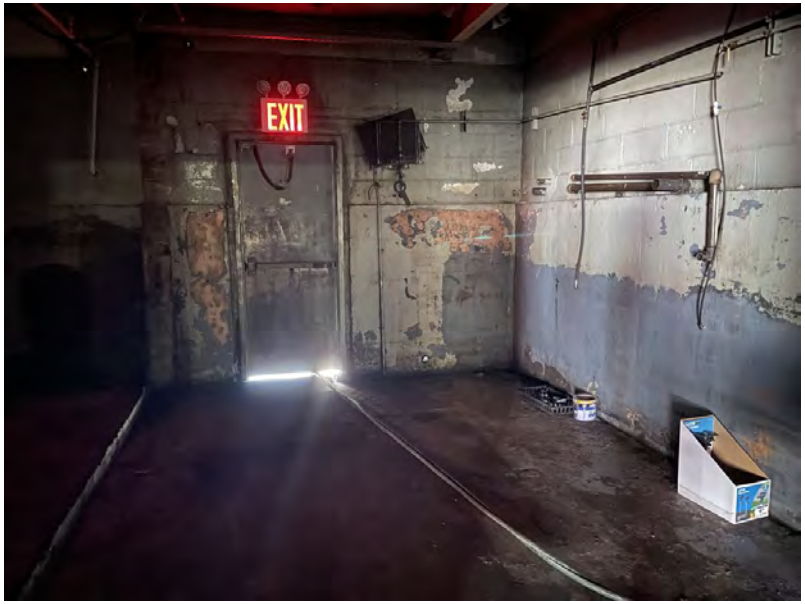

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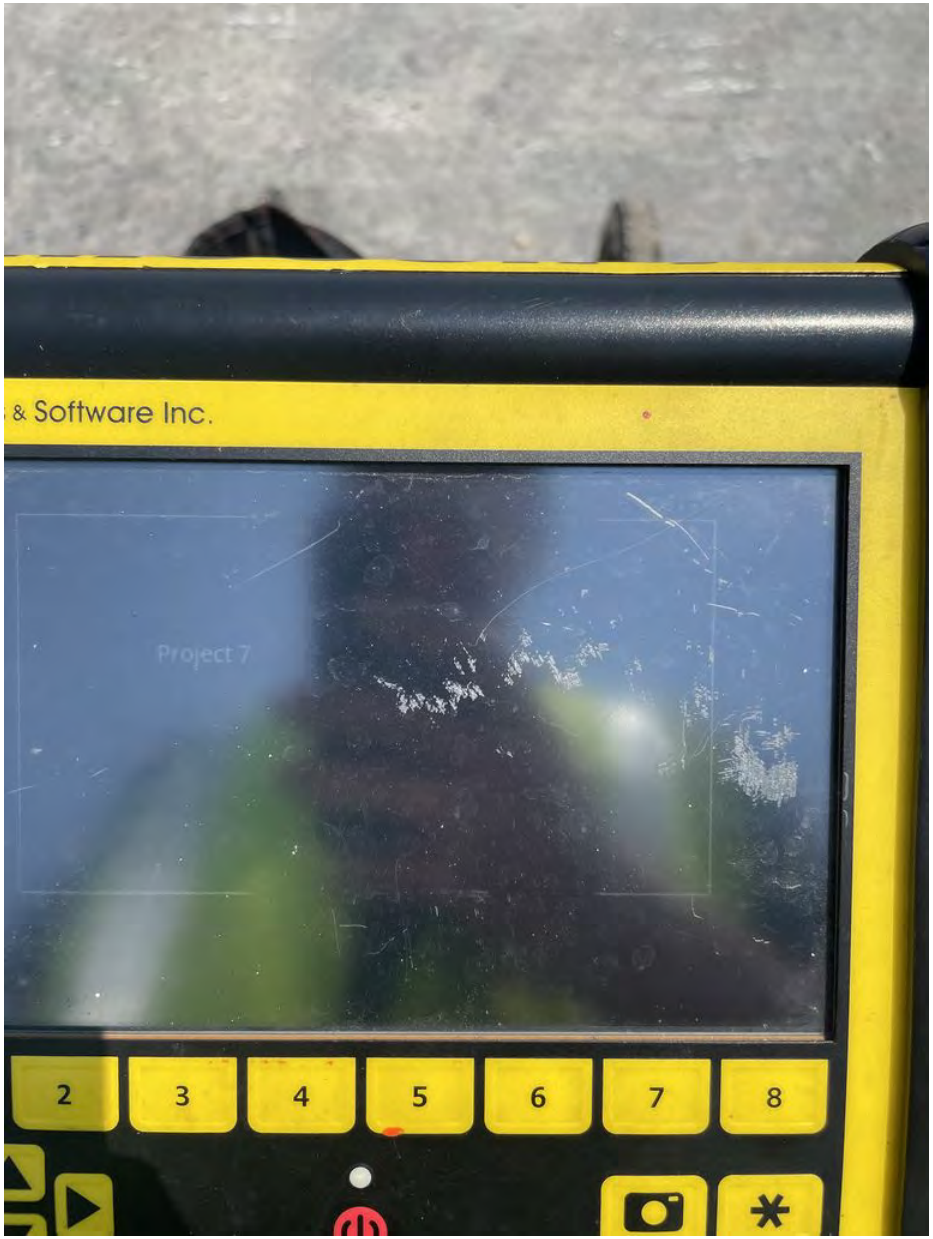

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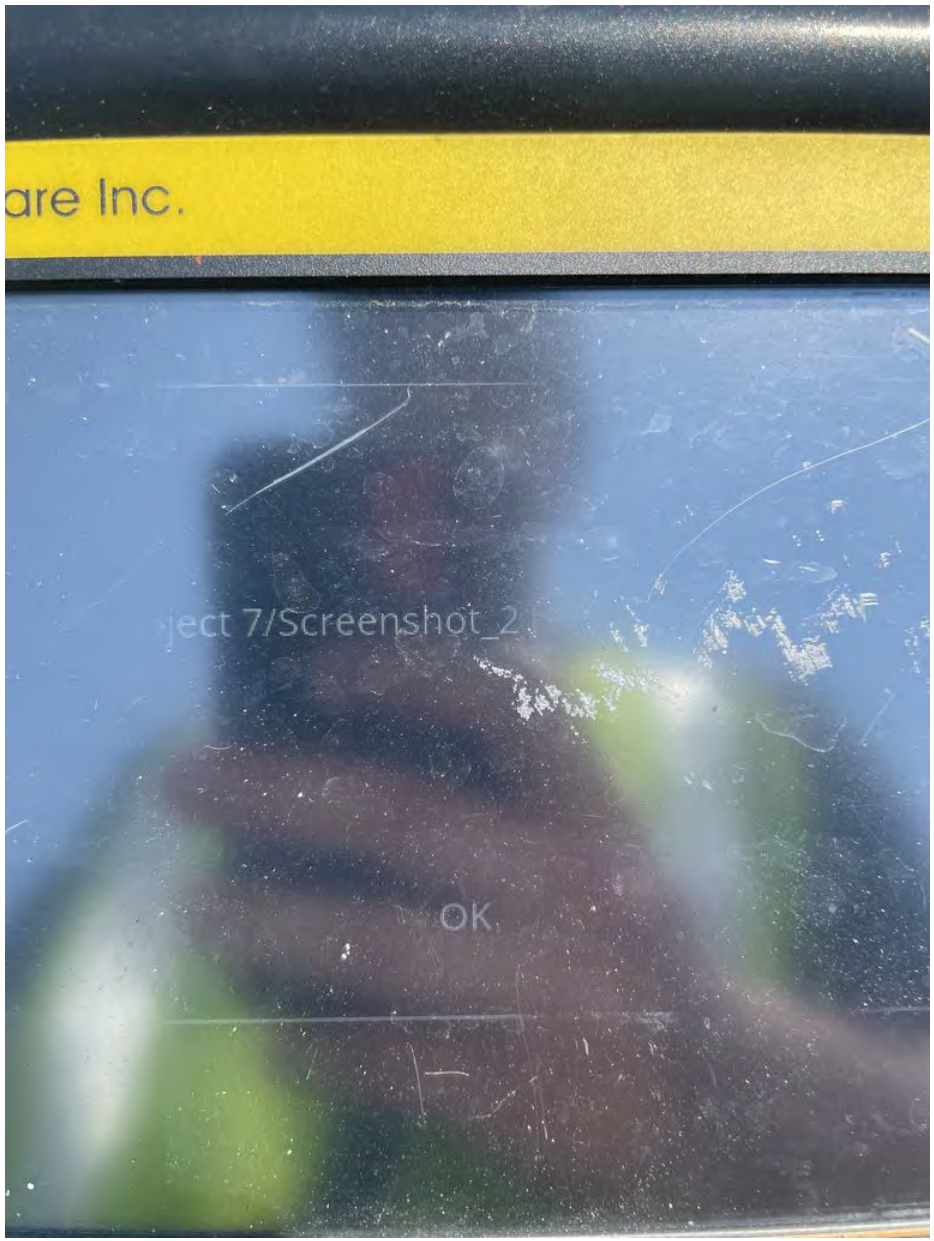

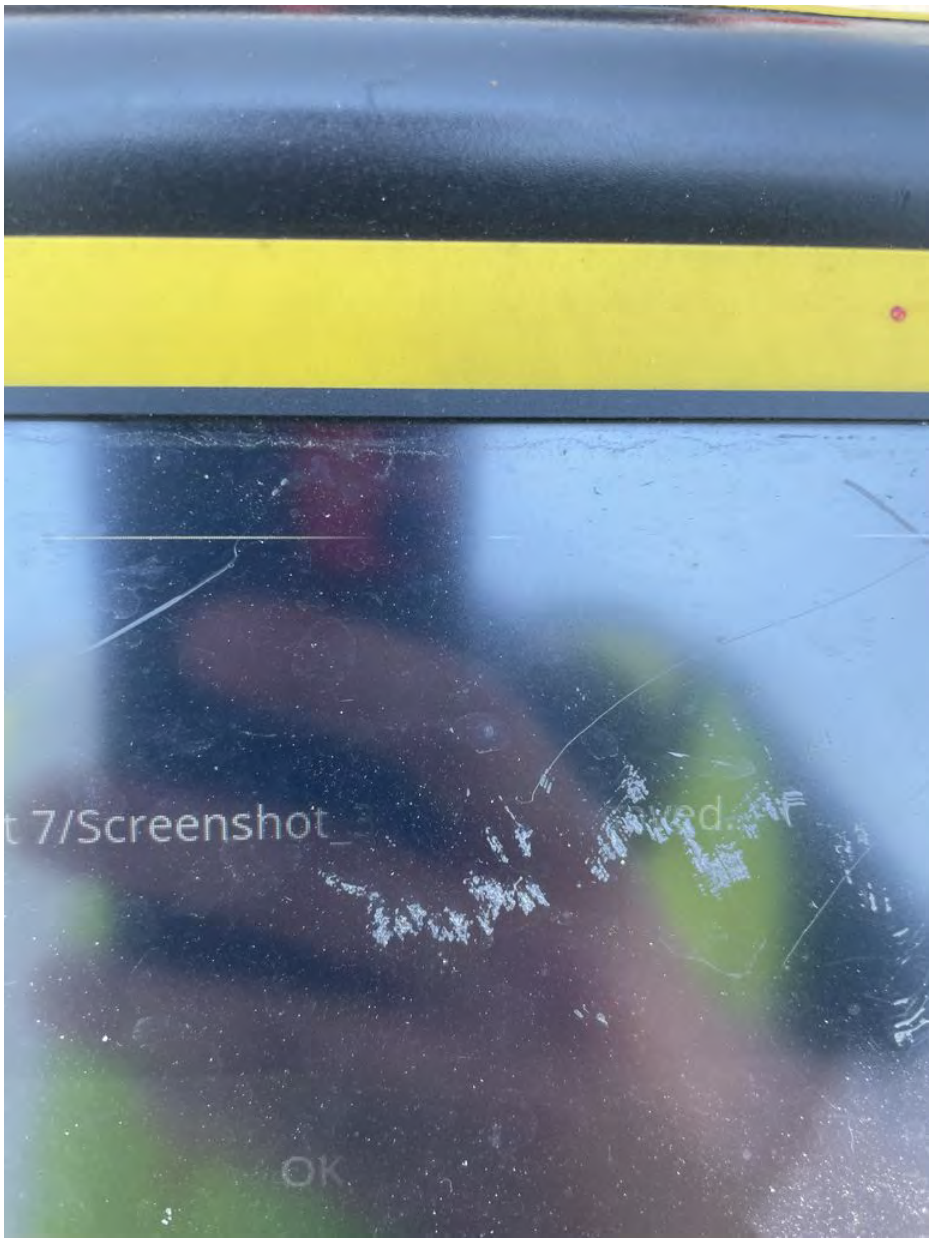

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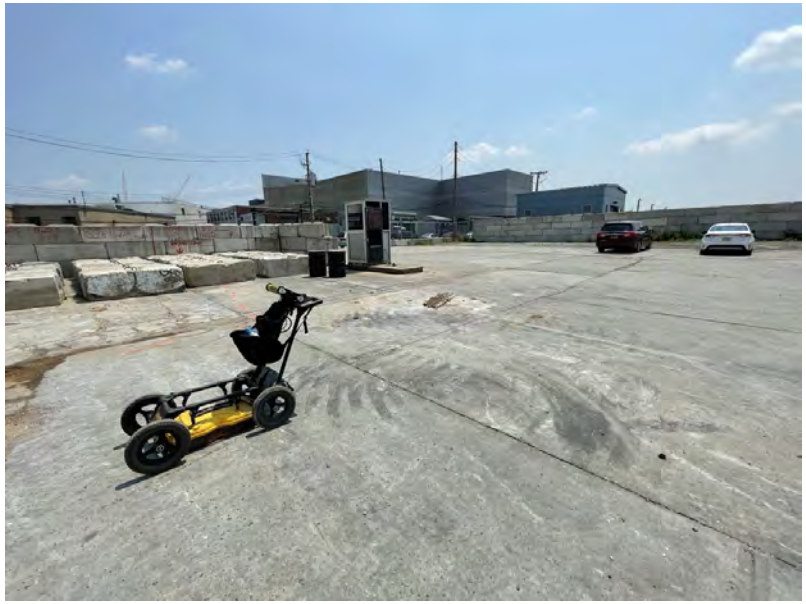

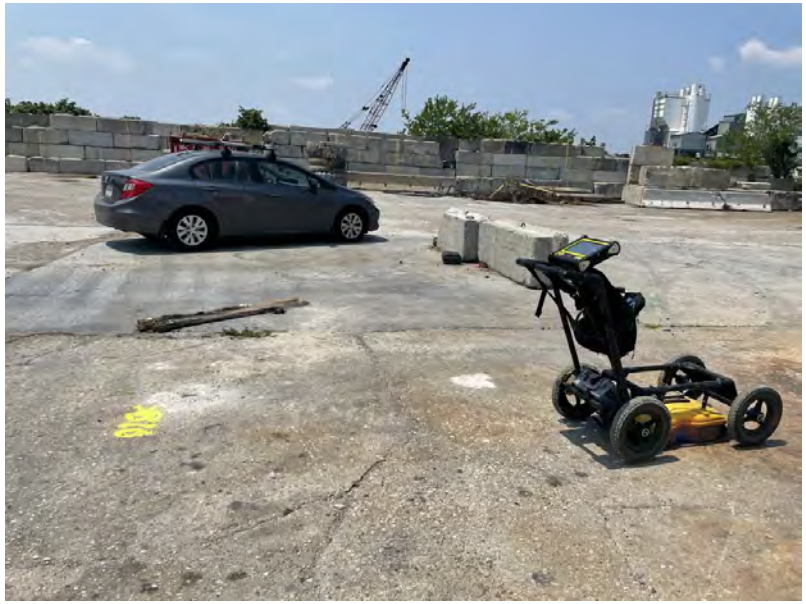

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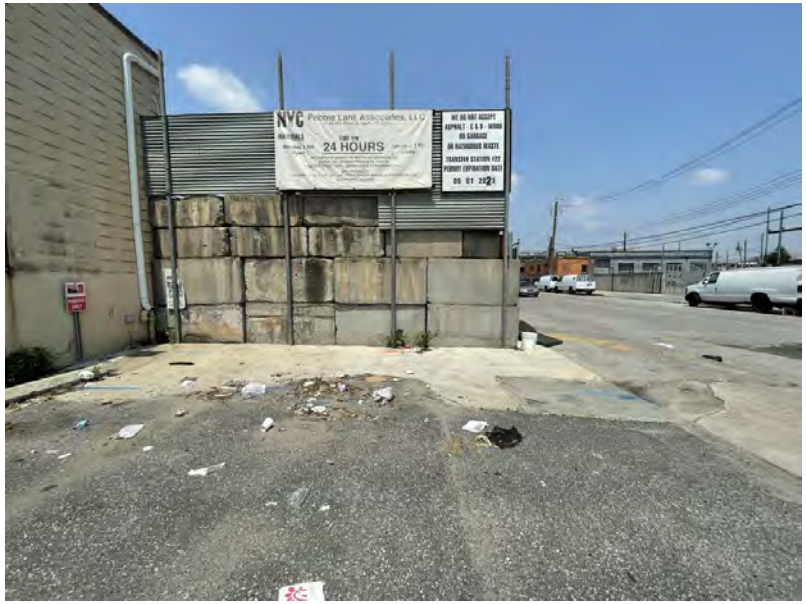

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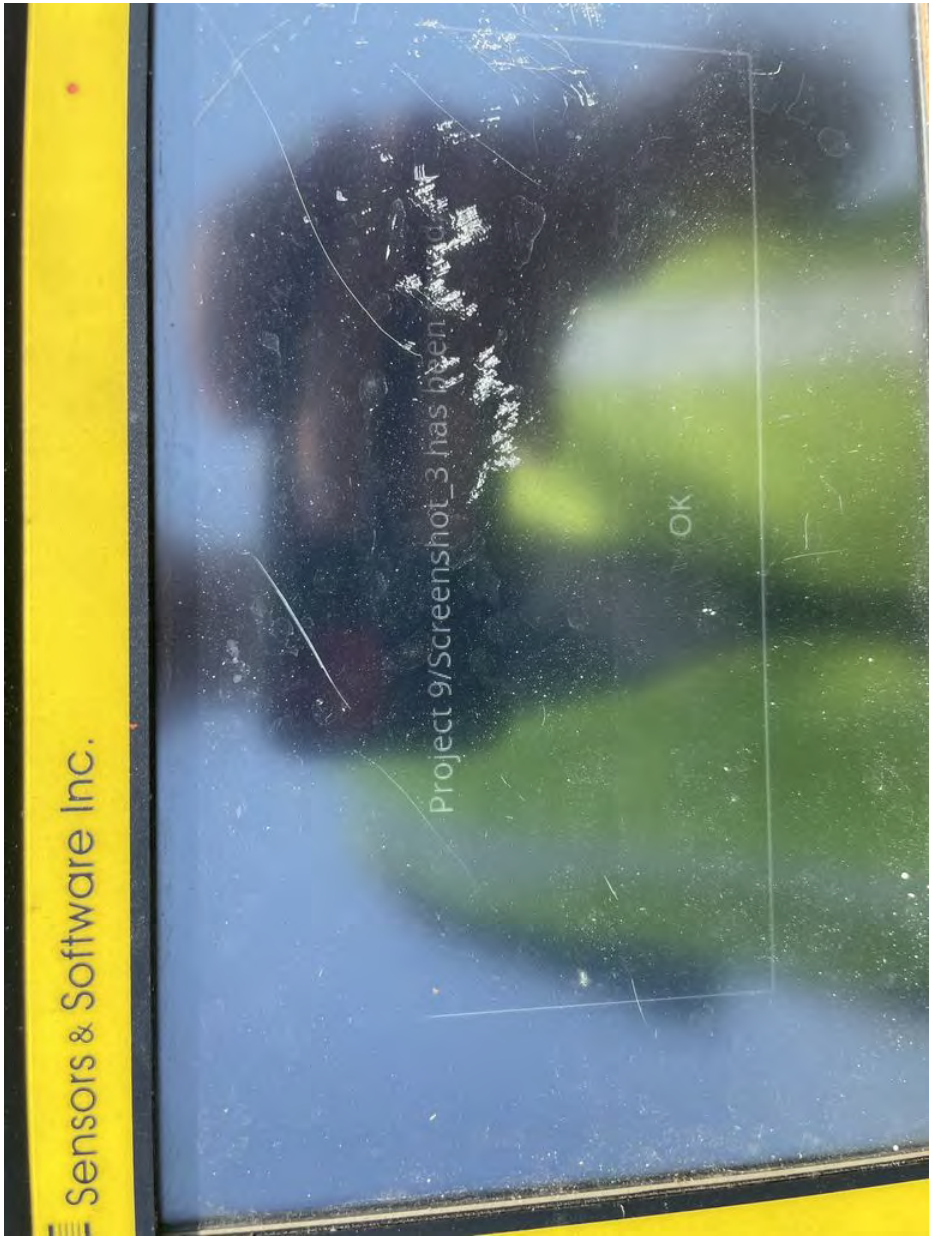

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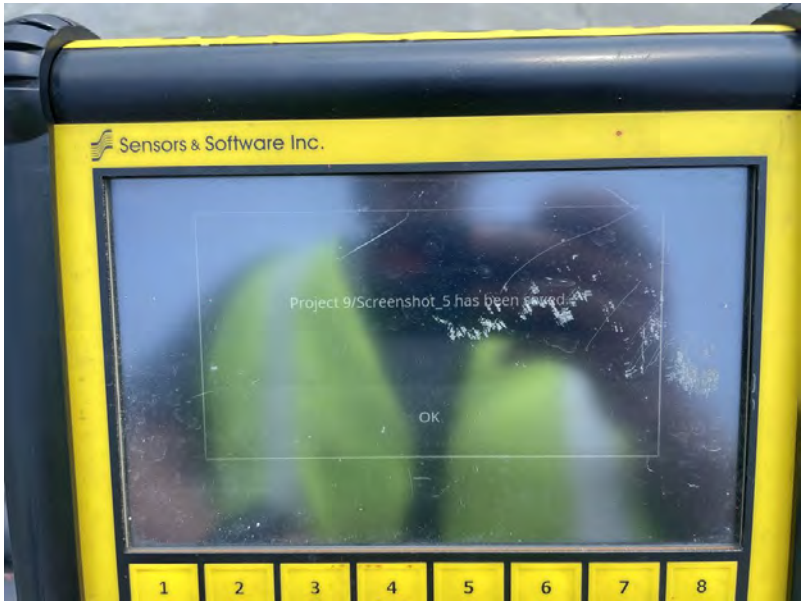

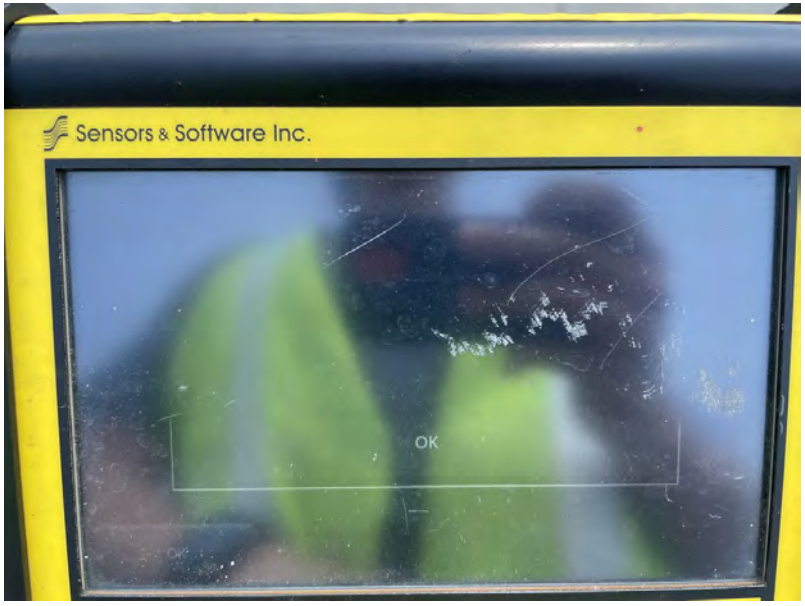

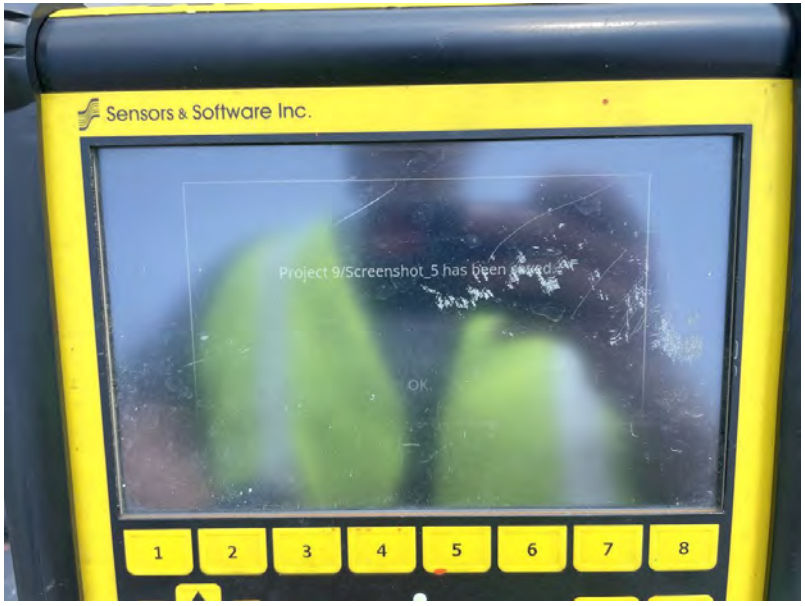

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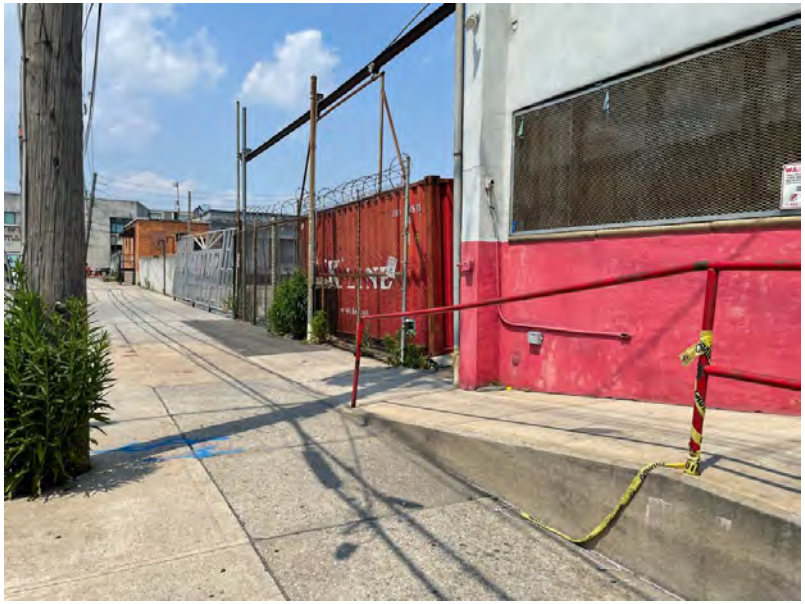
Maspeth, New York 11328
July 7th, 2021



GEOPHYSICAL IMAGES

Industrial Site
58-20 47th Street,
Maspeth, New York 11328
July 7th, 2021

GEOPHYSICAL IMAGES

Industrial Site

58-20 47th Street,
Maspeth, New York 11328
July 7th, 2021

APPENDIX C
SOIL BORING LOGS

LANGAN

Log of Boring **SB-01** Sheet 1 of 1

Project: 57-00 47th Street Maspeth	Project No.: 170686701
Location: Maspeth, NY	Elevation and Datum: NA
Drilling Company: Eastern Environmental Solutions, Inc.	Date Started: 7/7/21 — Date Finished: 7/7/21
Drilling Equipment: Geoprobe 7822 DT	Completion Depth: 20 ft — Rock Depth: NA
Size and Type of Bit: 2" Direct Push	Number of Samples: Disturbed 4 — Undisturbed NA — Core NA
Casing Diameter (in): NA — Casing Depth (ft): NA	Water Level (ft.): First ▽ 11 — Completion ▼ NA — 24 HR. ▼ NA
Casing Hammer: NA — Weight (lbs): NA — Drop (in): NA	Drilling Foreman: Ernesto Santiago
Sampler: 5' Macrocore 2" diameter	Field Engineer: Michael Au
Sampler Hammer: NA — Weight (lbs): NA — Drop (in): NA	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
		M-1A (0-6") 6-inch-thick Concrete	0	M-1A	Macrocore	48/60		0.0	
		M-1B (6-14") Tan to brown fine SAND, brick (dry)[FILL]		M-1B				0.0	
		M-1C (14"-18") Dark brown fine SAND, brick (dry)[FILL]		M-1C				0.0	
		M-1D (18-24") Gray to orangish brown fine SAND, some fine gravel, concrete (dry)[FILL]	2	M-1D				0.0	
		M-1E (24-48") Gray fine GRAVEL [FILL]						0.2	
			4	M-1E				0.2	
								0.2	
								0.2	
								0.2	
		M-2A (0-6") Gray fine SAND, trace fine gravel (dry)[FILL]	6	M-2A	Macrocore	42/60			Slight petroleum-like odor
		M-2B (6-42") Brown silty fine SAND (dry)						1.3	
			8	M-2B				0.3	
								0.2	
								0.2	
								0.2	
		M-3A (0-12") Dark grayish-brown fine SAND, some silt, some fine gravel, trace medium sand (dry)	10	M-3A	Macrocore	60/60		76.1	Petroleum-like odor and staining
		▽						5.1	
		M-3B (12-60") Brown medium SAND (wet)						1.9	Sample SB01_10-11 collected.
			12	M-3B				0.7	
								0.6	
								1.7	
								0.5	
								0.3	
			14					0.4	
								0.3	
		M-4A (0-60") Brown medium SAND, trace fine gravel (wet)		M-4	Macrocore	60/60		0.0	
			16					0.0	
								0.0	
								0.0	
								0.0	
			18					0.0	
								0.0	
								0.0	
								0.0	
			20					0.0	E.O.B. at 20' Temporary monitoring well MW01 installed to 20' bgs, screened from 10' to 20' bgs. MW01 was removed and the borehole was backfilled with No. 2 sand and capped at grade with portland cement.
			22						
			24						
			25						

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Log of Boring **SB-02** Sheet 1 of 1

Project: 57-00 47th Street Maspeth	Project No.: 170686701
Location: Maspeth, NY	Elevation and Datum: NA
Drilling Company: Eastern Environmental Solutions, Inc.	Date Started: 7/8/21 — Date Finished: 7/8/21
Drilling Equipment: Geoprobe 7822 DT	Completion Depth: 20 ft — Rock Depth: NA
Size and Type of Bit: 2" Direct Push	Number of Samples: Disturbed 4 — Undisturbed NA — Core NA
Casing Diameter (in): NA — Casing Depth (ft): NA	Water Level (ft.): First ▽ 10 — Completion ▼ NA — 24 HR. ▼ NA
Casing Hammer: NA — Weight (lbs): NA — Drop (in): NA	Drilling Foreman: Ernesto Santiago
Sampler: 5' Macrocore 2" diameter	Field Engineer: Michael Au
Sampler Hammer: NA — Weight (lbs): NA — Drop (in): NA	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
		M-1A (0-12") 12-inch-thick Concrete	0	M-1A				0.4	
								0.5	
		M-1B (12-28") Brown to gray fine SAND, some fine gravel, brick (dry)[FILL]						0.0	
			2	M-1B	Macrocore	34/60		0.1	
		M-1C (28-34") Dark gray to black fine SAND, some fine gravel (dry)[FILL]						0.1	
			4	M-1C				0.1	
		M-2A (0-6") Gray fine SAND, some fine gravel, brick (dry)[FILL]		M-2A					
		M-2B (6-12") Concrete	6	M-2B					
		M-2C (12-48") Brown to olive fine SAND, trace silt, trace fine gravel (dry) [FILL]							
			8	M-2C	Macrocore	52/60		0.1	
								0.2	
								0.1	
		M-2D (48-52") Grayish olive SILT (moist)[FILL]						0.1	
		▽		M-2D				1.1	
		M-3A (0-12") Gray to brown fine SAND, some silt, trace gravel (moist)[FILL]	10	M-3A				17	
		M-3B (12-18") Dark gray to gray medium SAND, brick (wet)[FILL]		M-3B				0.1	Petroleum-like odors and staining
		M-3C (18-28") Black to dark gray fine SAND (wet)						0.1	
			12		Macrocore	28/60		0.1	
								0.1	
								0.1	
			14	M-3C				0.1	
								0.1	
		M-4A (0-24") Black to dark gray fine SAND (wet)						0.1	
			16	M-4A					
		M-4B (24-36") Dark brown to olive fine SAND, trace silt (wet)						2.3	Petroleum-like odors and staining
			18		Macrocore	36/60		192.8	
								59.5	Sample SB02_17-18 collected.
								4.2	
				M-4B				2.7	
								0.8	
			20					0.7	E.O.B. at 20'
									Temporary monitoring well MW02 installed to 19' bgs, screened from 9' to 19' bgs. MW02 was removed and the borehole was backfilled with No. 2 sand and capped at grade with portland cement.
			22						
			24						
			25						

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Log of Boring **SB-03** Sheet 1 of 1

Project: 57-00 47th Street Maspeth	Project No.: 170686701
Location: Maspeth, NY	Elevation and Datum: NA
Drilling Company: Eastern Environmental Solutions, Inc.	Date Started: 7/7/21 — Date Finished: 7/7/21
Drilling Equipment: Geoprobe 7822 DT	Completion Depth: 15 ft — Rock Depth: NA
Size and Type of Bit: 2" Direct Push	Number of Samples: Disturbed 3 — Undisturbed NA — Core NA
Casing Diameter (in): NA — Casing Depth (ft): NA	Water Level (ft.): First ▽ 10 — Completion ▼ NA — 24 HR. ▼ NA
Casing Hammer: NA — Weight (lbs): NA — Drop (in): NA	Drilling Foreman: Ernesto Santiago
Sampler: 5' Macrocore 2" diameter	Field Engineer: Michael Au
Sampler Hammer: NA — Weight (lbs): NA — Drop (in): NA	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
		M-1A (0-48") Tannish-brown fine SAND, trace fine gravel, brick, wood (dry)[FILL]	0					0.0	
			1					0.0	
								0.0	
								7.3	
			2	M-1	Macrocore	48/60		0.6	Sample SB03_2-3 collected.
								0.6	
			3					0.5	
								0.4	
			4					0.3	
		M-2A (0-18") Brown fine SAND, some silt, trace fine gravel, brick (dry)[FILL]	5					0.3	
			6	M-2A				0.5	
		M-2B (18-30") Brown fine SAND, trace fine gravel, concrete (dry)[FILL]						0.4	
			7	M-2B				0.5	
		M-2C (30-56") Dark brown fine SAND, trace fine gravel, brick (dry)[FILL]			Macrocore	56/60		0.3	
			8					0.2	
								0.2	
			9	M-2C				0.3	
								0.2	
		M-3A (0-28") Dark brown silty fine SAND, some peat, brick, wood (wet)[FILL]	10 ▽					0.2	
			11						
				M-3A					
			12					0.0	
		M-3B (28-40") Dark brown silty fine SAND, some peat, trace clay (moist)			Macrocore	40/60		0.0	
			13					0.6	
								0.5	
			14	M-3B				0.0	
								0.0	
			15					0.0	E.O.B. at 15' Temporary monitoring well MW03 installed to 15' bgs, screened from 10' to 15' bgs. MW03 was removed and the borehole was backfilled with No. 2 sand to grade surface.
			16						
			17						
			18						
			19						
			20						

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Log of Boring **SB-04** Sheet 1 of 1

Project: 57-00 47th Street Maspeth	Project No.: 170686701
Location: Maspeth, NY	Elevation and Datum: NA
Drilling Company: Eastern Environmental Solutions, Inc.	Date Started: 7/8/21 — Date Finished: 7/8/21
Drilling Equipment: Geoprobe 7822 DT	Completion Depth: 15 ft — Rock Depth: NA
Size and Type of Bit: 2" Direct Push	Number of Samples: Disturbed 3 — Undisturbed NA — Core NA
Casing Diameter (in): NA — Casing Depth (ft): NA	Water Level (ft.): First ▽ 9 — Completion ▼ NA — 24 HR. ▼ NA
Casing Hammer: NA — Weight (lbs): NA — Drop (in): NA	Drilling Foreman: Ernesto Santiago
Sampler: 5' Macrocore 2" diameter	Field Engineer: Michael Au
Sampler Hammer: NA — Weight (lbs): NA — Drop (in): NA	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
		M-1A (0-12") 12-inch-thick Concrete	0					0.1	
				M-1A				0.1	
		M-1B (12-24") Tan to brown fine SAND, trace fine gravel, brick, concrete (dry)[FILL]	1					0.0	
				M-1B				22.7	
		M-1C (24-42") Tan to brown fine SAND, some gravel, concrete (dry)[FILL]	2		Macrocore	42/60		4.0	
			3					2.3	
								11.8	
			4	M-1C					
		M-2A (0-12") Brown to light-gray fine SAND, trace fine gravel, brick (dry)[FILL]	5						
				M-2A					
		M-2B (12-16") Dark brown to olive fine SAND, trace fine gravel (dry)[FILL]	6	M-2B					
		M-2C (16-24") Light brown to gray fine SAND, trace fine gravel, concrete (dry)[FILL]	7		Macrocore	24/60		6.5	
								9.7	
			8					2.7	Petroleum-like odors and staining
								50.3	
		▽	9	M-2C				5.1	Sample SB04_8-9 collected.
		M-3A (0-18") Light brown to gray fine SAND, trace fine gravel, brick (wet)[FILL]	10					8.8	
								4.7	
			11	M-3A				2.1	
		M-3B (18-60") Brownish-black fine SAND, some silt, trace fine gravel (moist)						12.9	
			12		Macrocore	60/60		3.7	
								5.9	
			13					2.0	
								1.3	
			14	M-3B				1.1	
								2.0	
			15					1.3	E.O.B. at 15'
									Temporary monitoring well MW04 installed to 14.4' bgs, screened from 4.4' to 14.4' bgs. MW04 was removed and the borehole was backfilled with No. 2 sand and capped at grade with portland cement.
			16						
			17						
			18						
			19						
			20						

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Log of Boring **SB-05** Sheet 1 of 1

Project: 57-00 47th Street Maspeth	Project No.: 170686701
Location: Maspeth, NY	Elevation and Datum: NA
Drilling Company: Eastern Environmental Solutions, Inc.	Date Started: 7/8/21 — Date Finished: 7/8/21
Drilling Equipment: Geoprobe 7822 DT	Completion Depth: 15 ft — Rock Depth: NA
Size and Type of Bit: 2" Direct Push	Number of Samples: Disturbed 3 — Undisturbed NA — Core NA
Casing Diameter (in): NA — Casing Depth (ft): NA	Water Level (ft.): First ▽ 8 — Completion ▼ NA — 24 HR. ▼ NA
Casing Hammer: NA — Weight (lbs): NA — Drop (in): NA	Drilling Foreman: Ernesto Santiago
Sampler: 5' Macrocore 2" diameter	Field Engineer: Michael Au
Sampler Hammer: NA — Weight (lbs): NA — Drop (in): NA	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
		M-1A (0-8") 8-inch-thick Concrete	0	M-1A				0.0	
		M-1B (8-16") Brown fine SAND, some concrete, trace fine gravel (dry)	1	M-1A				0.2	
		M-1C (16-28") Tan to light-brown medium SAND, trace fine gravel (dry)[FILL]	1	M-1B				0.1	Sample SB05_1-2 collected.
		M-1D (28-38") Brown fine SAND, trace fine gravel, trace silt (dry)[FILL]	2	M-1C	Macrocore	38/60		0.1	
			3	M-1C	Macrocore	38/60		0.1	
			3	M-1D	Macrocore	38/60		0.1	
			4	M-1D	Macrocore	38/60		0.0	
		M-2A (0-30") Brown to tan fine SAND, trace fine gravel, brick (dry)[FILL]	5	M-1D	Macrocore	38/60		0.0	
			6	M-2A	Macrocore	42/60		0.0	
			7	M-2A	Macrocore	42/60		0.0	
		M-2B (30-36") Brown silty fine SAND, trace clay (wet) ▽	7	M-2B	Macrocore	42/60		0.0	
		M-2C (36-42") Brown medium SAND, trace fine gravel (moist)	8	M-2B	Macrocore	42/60		0.0	
			8	M-2C	Macrocore	42/60		0.0	
			9	M-2C	Macrocore	42/60		0.0	
		M-4A (0-48") Brown to tannish-brown fine SAND, some silt, trace fine gravel (moist)	10	M-2C	Macrocore	42/60		0.0	
			10	M-3A	Macrocore	57/60		0.0	
			11	M-3A	Macrocore	57/60		0.0	
			12	M-3A	Macrocore	57/60		0.0	
			13	M-3A	Macrocore	57/60		0.0	
		M-4B (48-57") Dark-brown coarse SAND (moist)	14	M-3A	Macrocore	57/60		0.0	
			14	M-3B	Macrocore	57/60		0.2	
			15	M-3B	Macrocore	57/60		0.0	
			15					0.0	E.O.B. at 15'
			16						Backfilled with drill cuttings and No. 2 sand and capped at grade with portland cement.
			17						
			18						
			19						
			20						

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Log of Boring **SB-06** Sheet 1 of 1

Project: 57-00 47th Street Maspeth	Project No.: 170686701
Location: Maspeth, NY	Elevation and Datum: NA
Drilling Company: Eastern Environmental Solutions, Inc.	Date Started: 7/8/21 — Date Finished: 7/8/21
Drilling Equipment: Geoprobe 7822 DT	Completion Depth: 15 ft — Rock Depth: NA
Size and Type of Bit: 2" Direct Push	Number of Samples: Disturbed 3 — Undisturbed NA — Core NA
Casing Diameter (in): NA — Casing Depth (ft): NA	Water Level (ft.): First ▽ 11.2 — Completion ▼ NA — 24 HR. ▼ NA
Casing Hammer: NA — Weight (lbs): NA — Drop (in): NA	Drilling Foreman: Ernesto Santiago
Sampler: 5' Macrocore 2" diameter	Field Engineer: Michael Au
Sampler Hammer: NA — Weight (lbs): NA — Drop (in): NA	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
		M-1A (0-4") 4-inch-thick Asphalt	0	M-1A				0.1	
		M-1B (4-14") Light gray fine SAND, trace fine gravel, concrete (dry)[FILL]	1	M-1B				0.0	
		M-1C (14-60") Brown fine SAND, some silt, trace fine gravel (dry)[FILL]	2		Macrocore	60/60		0.0	Sample SB06_2-3 collected.
			3					0.0	
			4	M-1C				0.0	
		M-2A (0-12") Brown fine SAND, some silt, trace fine gravel, brick (dry)[FILL]	5					0.0	
		M-2B (12-15") Light gray fine GRAVEL (dry)[FILL]	6	M-2A / M-2B					
		M-2C (15-30") Light brown fine SAND, trace fine gravel (dry)[FILL]	7		Macrocore	30/60		0.0	
			8					0.0	
			9	M-2C				0.0	
		M-3A (0-15") Light brown to brown fine SAND, trace fine gravel (dry)[FILL]	10					0.0	
			11	M-3A				0.0	
		M-3B (15-60") Brown fine SAND, trace silt (wet)	12		Macrocore	60/60		0.0	
			13					0.0	
			14	M-3B				0.0	
			15					0.0	E.O.B. at 15' Backfilled with drill cuttings and No. 2 sand and capped at grade with portland cement.
			16						
			17						
			18						
			19						
			20						

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Log of Boring **SB-07** Sheet 1 of 1

Project: 57-00 47th Street Maspeth	Project No.: 170686701
Location: Maspeth, NY	Elevation and Datum: NA
Drilling Company: Eastern Environmental Solutions, Inc.	Date Started: 7/7/21 — Date Finished: 7/7/21
Drilling Equipment: Geoprobe 7822 DT	Completion Depth: 15 ft — Rock Depth: NA
Size and Type of Bit: 2" Direct Push	Number of Samples: Disturbed 3, Undisturbed NA, Core NA
Casing Diameter (in): NA — Casing Depth (ft): NA	Water Level (ft.): First ▽ 11, Completion ▼ NA, 24 HR. ▼ NA
Casing Hammer: NA — Weight (lbs): NA — Drop (in): NA	Drilling Foreman: Ernesto Santiago
Sampler: 5' Macrocore 2" diameter	Field Engineer: Michael Au
Sampler Hammer: NA — Weight (lbs): NA — Drop (in): NA	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
		M-1A (0-54") Grayish-brown medium SAND, trace fine gravel (dry)[FILL]	0	M-1	Macrocore	54/60		0.2	
			1					0.2	
			2					0.2	
			3					0.3	
			4					0.2	
			5					0.2	
			6					0.2	
		M-2A (0-36") Tannish-brown to olive medium SAND, trace fine gravel (dry)[FILL]	7	M-2A	Macrocore	60/60		0.2	
			8					0.2	
		M-2B (36-60") Dark grayish black fine SAND, some silt, trace fine gravel (dry)[FILL]	9	M-2B				0.4	
			10					0.4	
		M-3A (0-12") Light gray medium SAND, some fine gravel, trace silt (dry)[FILL]	11	M-3A				0.4	
		M-3B (12-36") Grayish-olive silty fine SAND (wet)	12	M-3B	Macrocore	60/60		0.4	
			13					0.4	
		M-3C (36-60") Brownish-olive silty fine SAND, trace fine gravel (moist)	14	M-3C				0.4	
			15					0.4	
			16						
			17						
			18						
			19						
			20						

Sample SB07_8-9 collected.

E.O.B. at 15'
Backfilled with drill cuttings and No. 2 sand to grade surface.

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Log of Boring **SB-08** Sheet 1 of 1

Project: 57-00 47th Street Maspeth	Project No.: 170686701
Location: Maspeth, NY	Elevation and Datum: NA
Drilling Company: Eastern Environmental Solutions, Inc.	Date Started: 7/8/21 — Date Finished: 7/8/21
Drilling Equipment: Geoprobe 7822 DT	Completion Depth: 15 ft — Rock Depth: NA
Size and Type of Bit: 2" Direct Push	Number of Samples: Disturbed 3 — Undisturbed NA — Core NA
Casing Diameter (in): NA — Casing Depth (ft): NA	Water Level (ft.): First ▽ 11 — Completion ▼ NA — 24 HR. ▼ NA
Casing Hammer: NA — Weight (lbs): NA — Drop (in): NA	Drilling Foreman: Ernesto Santiago
Sampler: 5' Macrocore 2" diameter	Field Engineer: Michael Au
Sampler Hammer: NA — Weight (lbs): NA — Drop (in): NA	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
		M-1A (0-24") Tannish-brown fine SAND, some fine gravel, trace silt, brick, concrete (dry)[FILL]	0					0.0	
			1	M-1A	Macrocore	56/60		0.1 0.6	Sample SB08_1-2 collected.
		M-1B (24-46") Light gray to light brown fine SAND, trace fine gravel, concrete (dry)[FILL]	2					1.5 3.6	
			3	M-1B				1.6 2.4	
		M-1C (46-50") 4-inch-thick layer of concrete	4	M-1C				1.0 0.5	
		M-1D (50-56") Brown medium SAND (dry)		M-1D				0.3	
		M-2A (0-10") Tan to orangish-brown medium SAND, trace fine gravel (dry)	5	M-2A					
		M-2B (10-28") Tan to orangish-brown fine SAND, some silt (dry)	6						
			7	M-2B	Macrocore	46/60		0.0 0.0	
		M-2C (28-34") Dark brown to dark gray SILT, trace clay (dry)		M-2C				0.0	
		M-2D (34-46") Dark brown to orangish brown coarse SAND, some medium sand (moist)	8					0.0	
			9	M-2D				0.0 0.0	
		M-3A (0-12") Brown fine SAND (moist)	10					0.0 0.0	
				M-3A					
		M-3B (12-36") Dark grayish-brown coarse SAND, some medium sand (wet)	11					0.0	
			12	M-3B	Macrocore	48/60		0.0 0.0	
		M-3C (36-48") Dark grayish-brown fine SAND, some silt (wet)	13					0.0 0.0	
			14	M-3C				0.0 0.2	
			15					0.1	E.O.B. at 15' Backfilled with drill cuttings and No. 2 sand to grade surface.
			16						
			17						
			18						
			19						
			20						

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Log of Boring **SB-09** Sheet 1 of 1

Project: 57-00 47th Street Maspeth	Project No.: 170686701
Location: Maspeth, NY	Elevation and Datum: NA
Drilling Company: Eastern Environmental Solutions, Inc.	Date Started: 7/7/21 — Date Finished: 7/7/21
Drilling Equipment: Geoprobe 7822 DT	Completion Depth: 20 ft — Rock Depth: NA
Size and Type of Bit: 2" Direct Push	Number of Samples: Disturbed 4 — Undisturbed NA — Core NA
Casing Diameter (in): NA — Casing Depth (ft): NA	Water Level (ft.): First ▽ 9.5 — Completion ▼ NA — 24 HR. ▼ NA
Casing Hammer: NA — Weight (lbs): NA — Drop (in): NA	Drilling Foreman: Ernesto Santiago
Sampler: 5' Macrocore 2" diameter	Field Engineer: Michael Au
Sampler Hammer: NA — Weight (lbs): NA — Drop (in): NA	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
		M-1A (0-6") 6-inch-thick Concrete	0	M-1A					
		M-1B (6-12") Tan to dark brown fine SAND, trace fine gravel, brick, concrete (dry)[FILL]		M-1B					
		M-1C (12-48") Brown to dark brown silty fine SAND, some medium sand, brick (dry)[FILL]	2		Macrocore	48/60			
			4	M-1C					
		M-2A (0-24") Brown fine SAND, trace fine gravel, brick (dry)[FILL]	6	M-2A				0.1 2.5 0.6	
		M-2B (24-30") Orangish-brown silty fine SAND, trace fine gravel, brick (wet)[FILL]	8		Macrocore	30/60		0.5 0.4	
				M-2B					
		M-3A (0-6") Orangish-brown silty fine SAND, trace fine gravel, brick (wet)[FILL]	10	M-3A				0.3	
		M-3B (6-18") Dark reddish-brown silty fine SAND (wet)[FILL]		M-3B				0.4	Organic-like odor
		M-3C (18-41") Dark gray medium SAND, some fine gravel (wet)[FILL]	12		Macrocore	41/60		0.3 0.3 0.2 0.4	Sample SB09_13-14 collected.
			14	M-3C				1.4 0.5 0.3	
		M-4A (0-14") Brown coarse SAND, trace fine gravel, brick (wet)[FILL]		M-4A				0.3	E.O.B. at 15'
		M-4B (14-60") Dark gray to dark brown silty fine SAND, some silt, peat (moist)	16					0.2	Backfilled with drill cuttings and No. 2 sand and capped at grade with portland cement.
			18		Macrocore	60/60		0.2 0.3 0.2 0.3 0.2	Organic-like odor
				M-4B				6.1 0.3	
			20						
			22						
			24						
			25						

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Log of Boring **SB-10** Sheet 1 of 1

Project: 57-00 47th Street Maspeth	Project No.: 170686701
Location: Maspeth, NY	Elevation and Datum: NA
Drilling Company: Eastern Environmental Solutions, Inc.	Date Started: 7/7/21 — Date Finished: 7/7/21
Drilling Equipment: Geoprobe 7822 DT	Completion Depth: 20 ft — Rock Depth: NA
Size and Type of Bit: 2" Direct Push	Number of Samples: Disturbed 4 — Undisturbed NA — Core NA
Casing Diameter (in): NA — Casing Depth (ft): NA	Water Level (ft.): First ▽ 9.8 — Completion ▼ NA — 24 HR. ▼ NA
Casing Hammer: NA — Weight (lbs): NA — Drop (in): NA	Drilling Foreman: Ernesto Santiago
Sampler: 5' Macrocore 2" diameter	Field Engineer: Michael Au
Sampler Hammer: NA — Weight (lbs): NA — Drop (in): NA	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
		M-1A (0-6") 6-inch-thick Concrete	0	M-1A				0.3	
		M-1B (6-36") Brown fine SAND, trace fine gravel, brick (dry)[FILL]						0.2	
			2	M-1B	Macrocore	45/60		0.2	
								0.3	
								0.1	
		M-1C (36-43") Black fine SAND, trace fine gravel (dry)[FILL]		M-1C				0.1	Sample SB10_3-4 collected.
		M-1D (43-45") Dark brown fine SAND, concrete (dry)[FILL]	4					1.1	
				M-1D				0.0	
								0.0	
		M-2A (0-8") Light gray medium SAND, some fine gravel, brick (dry)[FILL]		M-2A					
		M-2B (8-17") Brown to orangish-brown silty fine SAND, brick (wet)[FILL]	6						
					Macrocore	17/60			
			8						
				M-2B				0.1	
		▽						0.2	
		M-3A (0-9") Dark brown silty fine SAND, some fine gravel, brick (wet)[FILL]	10					0.2	
				M-3					
			12		Macrocore	9/60			
			14					0.2	
		M-4A (0-4") Brown fine SAND, trace fine gravel, brick (wet)[FILL]		M-4A				0.2	E.O.B. at 15'
		M-4B (4-46") Dark brown silty fine SAND, peat (moist)	16						Backfilled with drill cuttings and No. 2 sand and capped at grade with portland cement.
								0.2	
					Macrocore	46/60		0.2	
			18					0.2	
				M-4B				0.2	
								0.2	
			20					0.2	
			22						
			24						
			25						

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Log of Boring **SB-11** Sheet 1 of 1

Project: 57-00 47th Street Maspeth	Project No.: 170686701
Location: Maspeth, NY	Elevation and Datum: NA
Drilling Company: Eastern Environmental Solutions, Inc.	Date Started: 7/7/21 — Date Finished: 7/7/21
Drilling Equipment: Geoprobe 7822 DT	Completion Depth: 15 ft — Rock Depth: NA
Size and Type of Bit: 2" Direct Push	Number of Samples: Disturbed 3 — Undisturbed NA — Core NA
Casing Diameter (in): NA — Casing Depth (ft): NA	Water Level (ft.): First ▽ 10 — Completion ▼ NA — 24 HR. ▼ NA
Casing Hammer: NA — Weight (lbs): NA — Drop (in): NA	Drilling Foreman: Ernesto Santiago
Sampler: 5' Macrocore 2" diameter	Field Engineer: Michael Au
Sampler Hammer: NA — Weight (lbs): NA — Drop (in): NA	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
		M-1A (0-6") 6-inch-thick Concrete	0	M-1A				0.0	
		M-1B (6-27") Brownish-tan SAND, some fine gravel, brick (dry)[FILL]	1					4.8	
			2		Macrocore	27/60		1.3	
			3					0.0	
			4	M-1B					
		M-2A (0-8") Brownish-tan SAND, some fine gravel, brick (dry)[FILL]	5	M-2A					
		M-2B (8-12") Brownish-tan SAND, some fine gravel, brick, concrete (dry)[FILL]	6	M-2B				0.6	
		M-2C (12-45") Brownish-tan silty SAND, some fine gravel, brick (moist)[FILL]	7		Macrocore	45/60		4.8	
			8					29.2	
			9	M-2C				10.2	
			10 ▽					1.7	
		M-3A (0-36") Dark brown silty fine SAND (wet)[FILL]	11					1.6	
			12	M-3A				1.2	
			13		Macrocore	60/60		1.1	
		M-3B (36-48") Black medium SAND (wet)	14	M-3B				1.1	Sample SB11_13-14 collected.
		M-3C (48-60") Dark gray medium SAND, some fine gravel (wet)	15	M-3C				6.3	
			16					1.2	
			17					0.9	
			18					0.0	
			19					0.0	
			20					1.7	
								0.5	
								0.0	E.O.B. at 15' Backfilled with drill cuttings and No. 2 sand and capped at grade with portland cement.

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APPENDIX D
WELL CONSTRUCTION AND GROUNDWATER SAMPLING LOGS

WELL CONSTRUCTION AND DEVELOPMENT SUMMARY

Well No. MW01

PROJECT		PROJECT NO.	
57-00 47th Street		170686701	
LOCATION		**ELEVATION AND DATUM**	
Maspeth, NY		N/A	
DRILLING AGENCY		**DATE STARTED**	**DATE FINISHED**
Eastern Environmental Solutions, Inc.		7/7/2021	7/8/2021
DRILLING EQUIPMENT		**DRILLER**	
Geoprobe® 7822 DT		Ernesto Santiago	
SIZE AND TYPE OF BIT		**INSPECTOR**	
2-inch Direct Push		Michael Au	
BOREHOLE DIAMETER		**TYPE OF WELL (OVERBURDEN / BEDROCK)**	
2 inches		Overburden	
RISER MATERIAL	**DIAMETER**	**TYPE OF BACKFILL MATERIAL**	
PVC	1 inch	No. 2 Sand	
TYPE OF SCREEN	**DIAMETER**	**TYPE OF WELL PACK**	**TYPE OF SEAL MATERIAL**
PVC No. 20 Slot	1 inch	No. 2 Sand	Bentonite

METHOD OF INSTALLATION

Geoprobe 7822 DT was used to advance soil boring SB01 to approximately 20 feet below grade surface (bgs). A 1-inch PVC temporary monitoring well was installed, which consisted of 10 feet of 20 slot (0.020-inch) well screen, and 10 feet of PVC riser. Well screen was installed from approximately 10 to 20 feet bgs with riser from 10 feet bgs to grade surface. The annular space of the monitoring well was backfilled with No. 2 sand to 2 inches bgs and the upper 2 inches of the borehole was sealed to grade surface with bentonite. Following groundwater sample collection, the temporary monitoring well was removed, the borehole was filled to grade surface with No. 2 sand and was patched with portland cement.

WELL DEVELOPMENT DATA

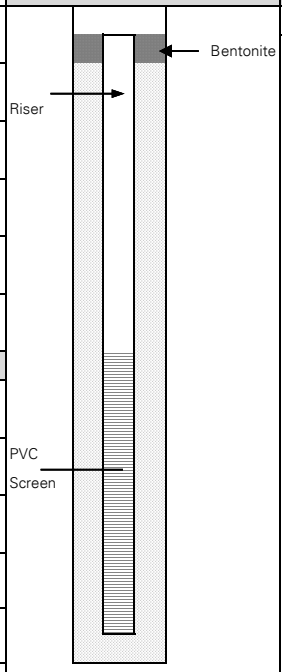
SURGE BLOCK DIAMETER	N/A	**TYPE PUMP**	Peristaltic	**DEVELOPMENT CONFIRMATION**
DRILLER OR LANGAN	Langan	**MAX PUMP RATE**	2 LPM	Well developed from 13:48 to 13:53 until purged groundwater was no longer turbid.
NUMBER OF SURGE CYCLES	N/A	**TOTAL VOLUME**	3 Gallons	

TOP OF CASING	**ELEVATION** N/A	**DEPTH (ft)** 0
TOP OF SEAL	**ELEVATION** N/A	**DEPTH (ft)** 0
TOP OF FILTER	**ELEVATION** N/A	**DEPTH (ft)** 0.17
TOP OF SCREEN	**ELEVATION** N/A	**DEPTH (ft)** 10.0
BOTTOM OF BORING	**ELEVATION** N/A	**DEPTH (ft)** 20
SCREEN LENGTH		10 feet
SLOT SIZE		No. 20 Slot; 0.020 Inches

GROUNDWATER ELEVATIONS

ELEVATION	DATE	DEPTH TO WATER
N/A	7/7/2021	11 ft
N/A	7/8/2021	9.54 ft

WELL DETAILS



SUMMARY SOIL CLASSIFICATION	DEPTH (FT)
	0
	10
Refer to soil boring log SB01.	
	20

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WELL CONSTRUCTION AND DEVELOPMENT SUMMARY

Well No. MW02

PROJECT		PROJECT NO.	
57-00 47th Street		170686701	
LOCATION		**ELEVATION AND DATUM**	
Maspeth, NY		N/A	
DRILLING AGENCY		**DATE STARTED**	**DATE FINISHED**
Eastern Environmental Solutions, Inc.		7/8/2021	7/9/2021
DRILLING EQUIPMENT		**DRILLER**	
Geoprobe® 7822 DT		Ernesto Santiago	
SIZE AND TYPE OF BIT		**INSPECTOR**	
2-inch Direct Push		Michael Au	
BOREHOLE DIAMETER		**TYPE OF WELL (OVERBURDEN / BEDROCK)**	
2 Inches		Overburden	
RISER MATERIAL	**DIAMETER**	**TYPE OF BACKFILL MATERIAL**	
PVC	1 inch	No. 2 Sand	
TYPE OF SCREEN	**DIAMETER**	**TYPE OF WELL PACK**	**TYPE OF SEAL MATERIAL**
PVC No. 20 Slot	1 inch	No. 2 Sand	Bentonite

METHOD OF INSTALLATION

Geoprobe 7822 DT was used to advance soil boring SB02 to approximately 20 feet below grade surface (bgs). A 1-inch PVC temporary monitoring well was installed, which consisted of 10 feet of 20 slot (0.020-inch) well screen, and 10 feet of PVC riser. Well screen was installed from approximately 9 to 19 feet bgs with riser from 9 feet bgs to about 1 foot above grade surface. The annular space of the monitoring well was backfilled with No. 2 sand to 2 inches bgs and the upper 2 inches of the borehole was sealed to grade surface with bentonite. Following groundwater sample collection, the temporary monitoring well was removed, the borehole was filled to grade surface with No. 2 sand and was patched with portland cement.

WELL DEVELOPMENT DATA

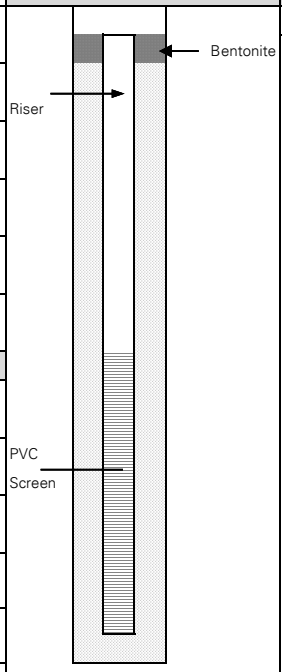
SURGE BLOCK DIAMETER	N/A	**TYPE PUMP**	Peristaltic	**DEVELOPMENT CONFIRMATION**
DRILLER OR LANGAN	Langan	**MAX PUMP RATE**	0.95 LPM	Well developed from 7:54 - 8:02 until purged groundwater was no longer turbid.
NUMBER OF SURGE CYCLES	N/A	**TOTAL VOLUME**	2 Gallons	

	ELEVATION	DEPTH (ft)
TOP OF CASING	N/A	-1
TOP OF SEAL	N/A	0
TOP OF FILTER	N/A	0.17
TOP OF SCREEN	N/A	9
BOTTOM OF BORING	N/A	19
SCREEN LENGTH		10 feet
SLOT SIZE		No. 20 Slot; 0.020 Inches

GROUNDWATER ELEVATIONS

ELEVATION	DATE	DEPTH TO WATER
N/A	7/8/2021	10.13 ft
N/A	7/9/2021	9.6 ft

WELL DETAILS



SUMMARY SOIL CLASSIFICATION	DEPTH (FT)
	-1
Refer to soil boring log SB02.	0
	9
	19

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WELL CONSTRUCTION AND DEVELOPMENT SUMMARY

Well No. MW03

PROJECT		PROJECT NO.	
57-00 47th Street		170686701	
LOCATION		**ELEVATION AND DATUM**	
Maspeth, NY		N/A	
DRILLING AGENCY		**DATE STARTED**	**DATE FINISHED**
Eastern Environmental Solutions, Inc.		7/7/2021	7/9/2021
DRILLING EQUIPMENT		**DRILLER**	
Geoprobe® 7822 DT		Ernesto Santiago	
SIZE AND TYPE OF BIT		**INSPECTOR**	
2-inch Direct Push		Michael Au	
BOREHOLE DIAMETER		**TYPE OF WELL (OVERBURDEN / BEDROCK)**	
2 Inches		Overburden	
RISER MATERIAL	**DIAMETER**	**TYPE OF BACKFILL MATERIAL**	
PVC	1 inch	No. 2 Sand	
TYPE OF SCREEN	**DIAMETER**	**TYPE OF WELL PACK**	**TYPE OF SEAL MATERIAL**
PVC No. 20 Slot	1 inch	No. 2 Sand	Bentonite

METHOD OF INSTALLATION

Geoprobe 7822 DT was used to advance soil boring SB03 to approximately 15 feet below grade surface (bgs). A 1-inch PVC temporary monitoring well was installed, which consisted of 5 feet of 20 slot (0.020-inch) well screen, and 10 feet of PVC riser. Well screen was installed from approximately 10 to 15 feet bgs with riser from 10 feet bgs to grade surface. The annular space of the monitoring well was backfilled with No. 2 sand to 2 inches bgs and the upper 2 inches of the borehole was sealed to grade surface with bentonite. Following groundwater sample collection, the temporary monitoring well was removed and the borehole was filled to grade surface with No. 2 sand.

WELL DEVELOPMENT DATA

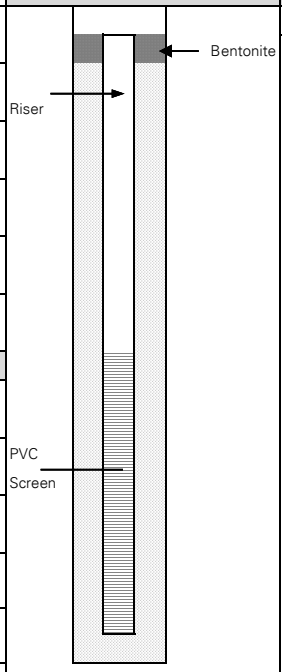
SURGE BLOCK DIAMETER	N/A	**TYPE PUMP**	Peristaltic	**DEVELOPMENT CONFIRMATION**
DRILLER OR LANGAN	Langan	**MAX PUMP RATE**	0.57 LPM	Well developed from 9:48 to 9:58 until purged groundwater was no longer turbid.
NUMBER OF SURGE CYCLES	N/A	**TOTAL VOLUME**	1.5 Gallons	

TOP OF CASING	**ELEVATION** N/A	**DEPTH (ft)** 0
TOP OF SEAL	**ELEVATION** N/A	**DEPTH (ft)** 0
TOP OF FILTER	**ELEVATION** N/A	**DEPTH (ft)** 0.17
TOP OF SCREEN	**ELEVATION** N/A	**DEPTH (ft)** 10.0
BOTTOM OF BORING	**ELEVATION** N/A	**DEPTH (ft)** 15
SCREEN LENGTH		5 feet
SLOT SIZE		No. 20 Slot; 0.020 Inches

GROUNDWATER ELEVATIONS

ELEVATION	DATE	DEPTH TO WATER
N/A	7/7/2021	10 ft
N/A	7/8/2021	9.43 ft
N/A	7/9/2021	9.37 ft
N/A		
N/A		
N/A		

WELL DETAILS



SUMMARY SOIL CLASSIFICATION	DEPTH (FT)
	0
	10
Refer to soil boring log SB03.	
	15

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21 Penn Plaza, 360 West 31st Street, 8th Floor, New York

WELL CONSTRUCTION AND DEVELOPMENT SUMMARY

Well No. MW04

PROJECT		PROJECT NO.	
57-00 47th Street		170686701	
LOCATION		**ELEVATION AND DATUM**	
Maspeth, NY		N/A	
DRILLING AGENCY		**DATE STARTED**	**DATE FINISHED**
Eastern Environmental Solutions, Inc.		7/8/2021	7/9/2021
DRILLING EQUIPMENT		**DRILLER**	
Geoprobe® 7822 DT		Ernesto Santiago	
SIZE AND TYPE OF BIT		**INSPECTOR**	
2-inch Direct Push		Michael Au	
BOREHOLE DIAMETER		**TYPE OF WELL (OVERBURDEN / BEDROCK)**	
2 inches		Overburden	
RISER MATERIAL	**DIAMETER**	**TYPE OF BACKFILL MATERIAL**	
PVC	1 inch	No. 2 Sand	
TYPE OF SCREEN	**DIAMETER**	**TYPE OF WELL PACK**	**TYPE OF SEAL MATERIAL**
PVC No. 20 Slot	1 inch	No. 2 Sand	Bentonite

METHOD OF INSTALLATION

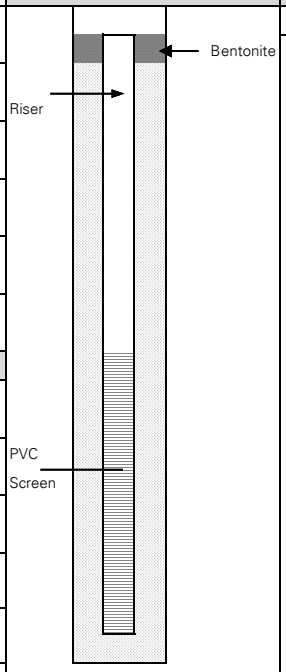
Geoprobe 7822 DT was used to advance soil boring SB04 to approximately 15 feet below grade surface (bgs). A 1-inch PVC temporary monitoring well was installed, which consisted of 10 feet of 20 slot (0.020-inch) well screen, and 5 feet of PVC riser. Well screen was installed from approximately 4.4 to 14.4 feet bgs with riser from 4.4 feet bgs to about 0.6 feet above grade surface. The annular space of the monitoring well was backfilled with No. 2 sand to 2 inches bgs and the upper 2 inches of the borehole was sealed to grade surface with bentonite. Following groundwater sample collection, the temporary monitoring well was removed, the borehole was filled to grade surface with No. 2 sand and was patched with portland cement.

WELL DEVELOPMENT DATA

SURGE BLOCK DIAMETER	N/A	**TYPE PUMP**	Peristaltic	**DEVELOPMENT CONFIRMATION**
DRILLER OR LANGAN	Langan	**MAX PUMP RATE**	0.38 LPM	Well developed from 11:35 to 11:45 until purged groundwater was no longer turbid.
NUMBER OF SURGE CYCLES	N/A	**TOTAL VOLUME**	1 Gallon	

TOP OF CASING **ELEVATION** N/A	**DEPTH (ft)** -0.6	
TOP OF SEAL **ELEVATION** N/A	**DEPTH (ft)** 0	
TOP OF FILTER **ELEVATION** N/A	**DEPTH (ft)** 0.17	
TOP OF SCREEN **ELEVATION** N/A	**DEPTH (ft)** 4.4	
BOTTOM OF BORING **ELEVATION** N/A	**DEPTH (ft)** 14.4	
SCREEN LENGTH	10 feet	
SLOT SIZE	No. 20 Slot; 0.020 Inches	

WELL DETAILS



SUMMARY SOIL CLASSIFICATION	DEPTH (FT)
	-0.6
Refer to soil boring log SB04.	0.0
	4.4
	14.4

GROUNDWATER ELEVATIONS

ELEVATION	DATE	DEPTH TO WATER
N/A	7/8/2021	11.47 ft
N/A	7/9/2021	10.8 ft
N/A		
N/A		
N/A		
N/A		

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Project Information		Well Information		Equipment Information		Sampling Conditions		Sampling Information	
Project Name:	57-00 47th Street	**Well No:**	MW01	**Water Quality Device Model:**	Horiba U-52	**Weather:**	75 F - 84 F, Overcast		MW01_070821
Project Number:	170686701	**Well Depth:**	20 feet	**Pine Number:**	21394	**Background PID (ppm):**	0.0	**Sample(s):**	
Site Location:	Maspeth, NY	**Well Diameter:**	1 inch	**Pump Make and Model:**	Pine Peri-Pump	**PID Beneath Inner Cap (ppm):**	0.2		
Sampling	Michael Au	**Well Screen**	10 feet	**Pine Number:**	44667	**Pump Intake Depth:**	15 feet	**Sample Date:**	7/8/2021
Personnel:	Audrey Seery	**Interval:**	20 feet	**Tubing Diameter:**	1/4" ID x 3/8" OD	**Depth to Water Before Purge:**	9.53 feet	**Sample Time:**	15:00

STABILIZATION = 3 successive readings within limits

TIME	TEMP °Celsius (+/- 3%)	PH (+/- 0.1)	ORP mV (+/- 10mV)	CONDUCTIVITY mS/cm (+/- 3%)	TURBIDITY ntu (+/- 10%) above 5 NTU	DO mg/l (+/- 10%) above 0.5 mg/l	Flow Rate (gpm) <0.13 gpm)	Cumulative Discharge Volume (Gal)	NOTES color, odor etc.	Stabilized?
BEGIN PURGING										
2:15	23.30	7.46	-103	0.859	79.7	6.85		0	light yellow	**N/A**
2:20	21.51	7.29	-111	0.859	82.5	5.93	0.075	0.375	light yellow	**N/A**
2:25	21.40	7.27	-117	0.884	81.6	5.35	0.025	0.5	light yellow	**N**
2:30	21.65	7.32	-119	0.895	87.5	5.16	0.15	1.25	light yellow	**N**
2:35	21.61	7.31	-118	1.050	85.4	5.15	0.1	1.75	light yellow	**N**
2:40	21.45	7.42	-116	1.060	81.3	5.16	0.2	2.25	clear	**N**
2:45	20.94	7.50	-115	1.080	85.3	4.89	0.1	2.75	clear	**N**
2:50	20.74	7.57	-112	1.110	88.2	4.81	0.1	3.25	clear	**N**
2:55	20.96	7.60	-113	1.100	88.9	4.76	0.1	3.75	clear	**Y**

Notes:

1. Well depths and groundwater depths were measured in feet below the top of well casing.
2. Well and tubing diameters are measured in inches.
3. PID = Photoionization Detector
4. PPM = Parts per million
5. pH = Hydrogen ion concentration
6. ORP = Oxidation-reduction potential, measured in millivolts (mV)
7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L)
8. DTW = Depth to water
9. mS/cm = milli-Siemens per centimeter
10. NTU = Nephelometric Turbidity Unit

Project Information		Well Information		Equipment Information		Sampling Conditions		Sampling Information	
Project Name:	57-00 47th Street	**Well No:**	MW02	**Water Quality Device Model:**	Horiba U-52	**Weather:**	72 F - 86 F, Rain		MW02_070921
Project Number:	170686701	**Well Depth:**	19 feet	**Pine Number:**	21394	**Background PID (ppm):**	0.0	**Sample(s):**	
Site Location:	Maspeth, NY	**Well Diameter:**	1 inch	**Pump Make and Model:**	Pine Peri-Pump	**PID Beneath Inner Cap (ppm):**	8.6		
Sampling	Michael Au	**Well Screen**	9 feet	**Pine Number:**	44667	**Pump Intake Depth:**	14 feet	**Sample Date:**	7/9/2021
Personnel:	Audrey Seery	**Interval:**	19 feet	**Tubing Diameter:**	1/4" ID x 3/8" OD	**Depth to Water Before Purge:**	9.60 feet	**Sample Time:**	8:05

STABILIZATION = 3 successive readings within limits

TIME	TEMP °Celsius (+/- 3%)	PH (+/- 0.1)	ORP mV (+/- 10mV)	CONDUCTIVITY mS/cm (+/- 3%)	TURBIDITY ntu (+/- 10%) above 5 NTU	DO mg/l (+/- 10%) above 0.5 mg/l	Flow Rate (gpm) <0.13 gpm)	Cumulative Discharge Volume (Gal)	NOTES color, odor etc.	Stabilized?
BEGIN PURGING										
8:05	26.41	5.45	-43	1.250	83.7	0.79		0	light gray, petroleum-like odor	**N/A**
8:10	18.43	7.05	-112	1.200	10.9	0.00	0.1	0.5	slight sheen	**N/A**
8:15	18.16	7.46	-123	1.160	0.0	0.00	0.2	1.5	petroleum-like odor	**N**
8:20	18.19	7.51	-123	1.160	0.0	0.00	0.15	2.25	petroleum-like odor	**N**
8:25	18.15	7.63	-125	1.150	0.0	0.00	0.15	3	petroleum-like odor	**N**
8:30	18.24	7.78	-126	1.150	0.0	0.00	0.2	4	petroleum-like odor	**N**
8:35	18.73	7.91	-125	1.160	0.0	0.00	0.1	4.5	petroleum-like odor	**N**
8:40	18.28	7.91	-125	1.160	0.0	0.00	0.1	5	petroleum-like odor	**N**
8:45	18.32	8.00	-128	1.160	0.0	0.00		5.5	petroleum-like odor	**Y**

Notes:

1. Well depths and groundwater depths were measured in feet below the top of well casing.
2. Well and tubing diameters are measured in inches.
3. PID = Photoionization Detector
4. PPM = Parts per million
5. pH = Hydrogen ion concentration
6. ORP = Oxidation-reduction potential, measured in millivolts (mV)
7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L)
8. DTW = Depth to water
9. mS/cm = milli-Siemens per centimeter
10. NTU = Nephelometric Turbidity Unit

Project Information		Well Information		Equipment Information		Sampling Conditions		Sampling Information	
Project Name:	57-00 47th Street	**Well No:**	MW03	**Water Quality Device Model:**	Horiba U-52	**Weather:**	72 F - 86 F, Rain		MW03_070921
Project Number:	170686701	**Well Depth:**	15 feet	**Pine Number:**	21394	**Background PID (ppm):**	0.0	**Sample(s):**	
Site Location:	Maspeth, NY	**Well Diameter:**	1 inch	**Pump Make and Model:**	Pine Peri-Pump	**PID Beneath Inner Cap (ppm):**	0.2		
Sampling	Michael Au	**Well Screen**	10 feet	**Pine Number:**	44667	**Pump Intake Depth:**	12 feet	**Sample Date:**	7/9/2021
Personnel:	Audrey Seery	**Interval:**	15 feet	**Tubing Diameter:**	1/4" ID x 3/8" OD	**Depth to Water Before Purge:**	9.37 feet	**Sample Time:**	11:00

STABILIZATION = 3 successive readings within limits

TIME	**TEMP °Celsius (+/- 3%)**	**PH (+/- 0.1)**	**ORP mV (+/- 10mV)**	**CONDUCTIVITY mS/cm (+/- 3%)**	**TURBIDITY ntu (+/- 10%) above 5 NTU**	**DO mg/l (+/- 10%) above 0.5 mg/l**	**Flow Rate (gpm) <0.13 gpm)**	**Cumulative Discharge Volume (Gal)**	**NOTES color, odor etc.**	**Stabilized?**
BEGIN PURGING										
10:00	17.88	8.64	-111	0.642	42.6	10.11		0	yellow to light-brown	**N/A**
10:05	17.52	8.53	-106	0.698	23.6	9.02	0.2	1	yellow to light-brown	**N/A**
10:10	17.92	8.64	-104	0.738	0.0	8.34	0.05	1.25	clear	**N**
10:15	17.78	8.73	-100	0.759	0.0	8.11	0.1	1.75	clear	**N**
10:20	17.76	8.72	-99	0.781	0.0	7.75	0.1	2.25	clear	**N**
10:25	17.31	8.77	-110	0.824	0.0	7.12	0.1	2.75	clear	**N**
10:30	17.27	8.87	-109	0.852	0.0	6.67	0.1	3.25	pump battery dies	**N**
10:35								3.25		**N**
10:40	16.90	9.10	-103	0.873	55.5	7.64	0.15	4	clear	**N**
10:45	16.90	9.03	-98	0.910	0.0	6.57	0.1	4.5	clear	**N**
10:50	17.00	8.67	-94	0.940	0.0	6.72	0.1	5	clear	**N**
10:55	16.71	8.58	-91	0.945	0.0	6.78	0.1	5.5	clear	**N**
11:00	16.81	8.59	-94	0.954	0.0	6.80	0.1	6	clear	**Y**

Notes:

1. Well depths and groundwater depths were measured in feet below the top of well casing.
2. Well and tubing diameters are measured in inches.
3. PID = Photoionization Detector
4. PPM = Parts per million
5. pH = Hydrogen ion concentration
6. ORP = Oxidation-reduction potential, measured in millivolts (mV)
7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L)
8. DTW = Depth to water
9. mS/cm = milli-Siemens per centimeter
10. NTU = Nephelometric Turbidity Unit

Project Information		Well Information		Equipment Information		Sampling Conditions		Sampling Information	
Project Name:	57-00 47th Street	**Well No:**	MW04	**Water Quality Device Model:**	Horiba U-52	**Weather:**	72 F - 86 F, Rain		MW04_070921
Project Number:	170686701	**Well Depth:**	14.4 feet	**Pine Number:**	21394	**Background PID (ppm):**	0.0	**Sample(s):**	
Site Location:	Maspeth, NY	**Well Diameter:**	1 inch	**Pump Make and Model:**	Pine Peri-Pump	**PID Beneath Inner Cap (ppm):**	49.7		
Sampling	Michael Au	**Well Screen**	4.4 feet	**Pine Number:**	44667	**Pump Intake Depth:**	13 feet	**Sample Date:**	7/9/2021
Personnel:	Audrey Seery	**Interval:**	14.4 feet	**Tubing Diameter:**	1/4" ID x 3/8" OD	**Depth to Water Before Purge:**	10.8 feet	**Sample Time:**	13:00 PM

STABILIZATION = 3 successive readings within limits

TIME	TEMP °Celsius (+/- 3%)	PH (+/- 0.1)	ORP mV (+/- 10mV)	CONDUCTIVITY mS/cm (+/- 3%)	TURBIDITY ntu (+/- 10%) above 5 NTU	DO mg/l (+/- 10%) above 0.5 mg/l	Flow Rate (gpm) <0.13 gpm)	Cumulative Discharge Volume (Gal)	NOTES color, odor etc.	Stabilized?
BEGIN PURGING										
11:50	20.66	9.15	-138	0.683	560.0	7.31		0	light-brown , petroleum-like odor	**N/A**
11:55	20.44	8.66	-133	0.737	101.0	7.38	0.05	0.25	light-brown , petroleum-like odor	**N/A**
12:00	20.35	8.71	-134	0.774	144.0	7.93	0.05	0.5	light-brown , petroleum-like odor	**N**
12:05	20.37	8.00	-128	0.836	22.9	8.43	0.1	1	light-brown , petroleum-like odor	**N**
12:10	20.36	8.76	-125	0.852	31.6	8.22	0.1	1.5	light-brown , petroleum-like odor	**N**
12:15	20.34	8.76	-122	0.874	23.4	8.20	0.1	2	light-brown , petroleum-like odor	**N**
12:20	20.37	8.64	-124	0.901	8.2	9.69	0.1	2.5	light-brown , petroleum-like odor	**N**
12:25	20.37	8.74	-119	0.918	16.8	8.48	0.05	2.75	clear	**N**
12:30	20.20	8.84	-119	0.942	6.6	7.90	0.15	3.5	clear	**N**
12:35	20.18	8.90	-119	0.947	9.1	7.84	0.05	3.75	clear	**N**
12:40	20.23	8.91	-119	0.953	7.0	7.76	0.05	4	clear	**N**
12:45	20.20	8.93	-117	0.962	4.0	7.63	0.1	4.5	pump malfunctioning	**N**
12:50	20.43	8.42	-118	1.080	276.0	7.37	0.05	4.75	clear	**N**
12:55	20.44	8.40	-116	1.100	56.5	7.32	0.1	5.25	clear	**N**
13:00	20.48	8.40	-114	1.110	11.4	7.22	0.05	5.5	clear	**N**

Notes:

1. Well depths and groundwater depths were measured in feet below the top of well casing.
2. Well and tubing diameters are measured in inches.
3. PID = Photoionization Detector
4. PPM = Parts per million
5. pH = Hydrogen ion concentration
6. ORP = Oxidation-reduction potential, measured in millivolts (mV)
7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L)
8. DTW = Depth to water
9. mS/cm = milli-Siemens per centimeter
10. NTU = Nephelometric Turbidity Unit

APPENDIX E
LABORATORY ANALYTICAL REPORTS

Removed

PHASE I ENVIRONMENTAL SITE ASSESSMENT

47th Street Site
57-00, 57-05, 57-57, and 58-20 47th Street
Maspeth, Queens, New York

Prepared for:

Prologis, L.P.
Pier 1, Bay 1
San Francisco, California

Prepared by:

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.
21 Penn Plaza
360 West 31st Street, 8th Floor
New York, New York

Rebekah Diehl
Senior Staff Scientist

Robert S. (Rory) Johnston, P.E.
Sr. Vice President

December 20, 2021
100965501

December 20, 2021

Mr. Brett Richer
Prologis, L.P.
Pier 1, Bay 1
San Francisco, California 94111

Subject: Draft -- Phase I Environmental Site Assessment
57-00, 58-20, 57-05, and 57-57 47th Street
Maspeth, Queens, NY
Langan Project: 100965501

Dear Mr. Richer:

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) is submitting this Phase I Environmental Site Assessment (ESA) for the 47th Street Site (inclusive of 57-00, 58-20, 57-05, and 57-57 47th Street) (Site) in Maspeth, Queens, New York. In performing this Phase I ESA, we have exercised the degree of care and skill generally exercised by other consultants undertaking similar studies at the same time, under similar circumstances and conditions, and in the same geographical area.

We appreciate the opportunity to assist you with this project. If you have questions or need information clarified, please call Mr. Andrew Kerr at 510-333-9051 or Mr. Rory Johnston at (973) 560-4978.

Sincerely yours,

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Andrew Kerr, P.G. Calif.
Associate

Robert S. (Rory) Johnston, P.E.
Sr. Principal/Sr. Vice President

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Attachment E2- FEMA FIRMette
Attachment E3- ARCIS Property Records
Attachment E4- Phase I Environmental Site Assessment Report- July 21, 2021
Attachment E5- Phase II Environmental Site Investigation Report- July 26, 2021
Attachment E6- Administrative Consent Order- April 2021
Attachment E7- Diesel Fuel Spill Remediation Report- December 5, 2013
Attachment E8- Investigation Summary Report, Spill #08-08170- November 2010
Attachment E9- Tank Tightness Test Reporting- December 28, 2007
Attachment E10- FOIA Responses not previously included

Appendix F Resumes of Environmental Professionals

PHASE I ENVIRONMENTAL SITE ASSESSMENT
47th Street Site
57-00, 58-20, 57-05, and 57-57 47th Street
Maspeth, Queens, New York

E1.0 EXECUTIVE SUMMARY

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) has performed this Phase I Environmental Site Assessment (ESA) for the following properties located in Maspeth, New York:

- 57-00 47th Street
- 58-20 47th Street
- 57-05 47th Street
- 57-57 47th Street

The properties are collectively known as "the 47th Street Site" and "the Site".

The approximate location of the Site is shown on **Figure 1 (Appendix A)**. This ESA was performed on behalf of Prologis, L.P. (User) to assist with a potential purchase of the Site.

This Phase I ESA was performed using the guidelines and limitations of the following: 1) ASTM International's (ASTM) E1527-13 (Standard Practice for ESAs: Phase I ESA Process (and subsequent amendments thereto)), and 2) the United States Environmental Protection Agency's (USEPA) 2006 standards for All Appropriate Inquiry (AAI) Rule (40 CFR Part 312).

The objective of this Phase I ESA was to attempt to identify the presence or likely presence, use, or release on the Site of hazardous substances or petroleum products as defined in ASTM E1527 13 as a Recognized Environmental Condition (REC).

E1.1 Facility Description

General information relative to the Site is outlined below. Site features and the immediate area surrounding the Site are depicted on **Figure 2** in **Appendix A.**

The Site is located in northwestern Queens, adjacent to Newtown Creek and south of the intersection of Interstates 278 and 495. This area is characterized by commercial and industrial use. The Site encompasses a total of 3.8544 acres and is comprised of the following street

addresses, tax blocks and lots (on the Queens borough tax map) and City Register File Numbers (CFRN):

Property Address	Block/Lot	CFRN No.	Land Area (Approximate)
57-00 47th Street	2601/6	2020000326467	2.70 acres
58-20 47th Street	2601/1	2020000326471	0.35 acres
57-05 47th Street	2601/72	2020000326469	0.69 acres
57-57 47th Street	2601/68	2020000326473	0.10 acres

Information provided by NYC Zoning & Land Use Map

The entirety of the Site is vacant:

- The 57-00 47th Street parcel consists of vacant vehicle maintenance garage with office space on the eastern end of the building. The 57-00 parcel building is approximately 20,000 square feet (SF) in size and was constructed in 1966.
- The 58-20 47th Street parcel functions contiguously with the 57-00 parcel and currently is vacant with a recycled concrete aggregate (RCA) and no permanent structures.
- The 57-05 47th Street parcel consists of a vacant building with a vehicle maintenance shop on the eastern end and an office space on the western end. The 57-05 parcel building is approximately 5,000 SF in size and was constructed in 1964.
- The 57-57 47th Street parcel consists of a vacant commercial building which previously functioned as office space followed by a delicatessen. The 57-57 parcel building is approximately 1,500 SF in size and was constructed in 1966.

The different portions of the Site will be referred to as the 57-00, 58-20, 57-05, and 57-57 parcels, consecutively. Please see Figures 1 and 2 for parcel locations on the Site.

The current Site owners are SLMJL Family Property Owner, LLC (58-20) and RL Family Property Owner, LLC (57-00, 57-57, and 57-05). Below are the most recent former Parcel tenants, as per information from the property owner representative during Phase I ESA site reconnaissance.

Parcel	Tenant	Property Use
57-00 Parcel	NYC Concrete Materials AKA Pebble Lane Associates, LLC	Concrete testing, vehicle maintenance, and office operations

Parcel	Tenant	Property Use
58-20 Parcel	NYC Concrete Materials AKA Pebble Lane Associates, LLC	Concrete recycling
57-05 Parcel	Marshark Craft	Portable catering parking and vehicle maintenance
57-57 Parcel	Delicatessen	Small scale delicatessen

E1.2 Property History

The Site is located in Maspeth, which is the northwestern area of the Queens Borough. The Site was first developed sometime prior to 1897, initially on the 57-00 and 57-05 parcels and was utilized as a 'fertilizer works' facility (circa 1897 to 1914) and an oil depot with petroleum bulk storage (circa 1914 to 1936). Seven separate buildings of unknown use were located on the 57-00 parcel in 1902 associated with the fertilizer works. The buildings were predominantly 1-floor, while two of the buildings contained 2-floor building sections.

When the Site operated as an oil depot circa 1914 to 1936, the following buildings were located on parcel 58-20 and the northern end of parcel 57-00:

- Oil tanks were located on the northeastern end of the parcel along 47th Street.
- Wagon sheds were located on the northern end of the Site along 58th Road with miscellaneous 1-floor buildings.
- A vehicle garage was centrally located on the 58-20 parcel.
- An office, 2-floor wagon house, and office with petroleum products were located on the southern end of the 58-20/northern end of the 57-00 parcel.
- Oil in barrels was located along Newtown Creek on the northwestern end of the 57-00 parcel/southwestern end of the 58-20 parcel.

Following fertilizer works and oil depot operations, buildings associated with these purposes were demolished. Following building demolition, fill appears to have been placed on the Site in the early 1950s. The current buildings were constructed on the Site in the mid-1960s. Once the building were constructed, the Site operated as truck parking (circa 1974 to 1991), truck repair (1982 to 2006), a concrete recycling facility with petroleum bulk storage (circa 2004 to 2021), and auto repair (circa 2013, 2014) on Parcels 58-00 and 57-00; a motor freight station with petroleum

bulk storage (circa1963, 1982 to 2006) on Parcel 57-05; and office space and delicatessen on the 57-57 parcel.

E1.3 Environmental Database and File Review

The review of an environmental database report prepared by Environmental Data Resources, Inc. (EDR) indicates the Site was identified in 8 of the approximately 115 databases searched by EDR for this geography. Databases that the Site is listed in include the Facility Index System (FINDS), Solid Waste of Landfill Facilities (SWF/LF), NY underground storage tank (NY UST), NY aboveground storage tank (AST), Leaking Storage Tanks (LTANKS), Spills Information Database (NY SPILLS) databases. The Site was listed three times in the NY SPILLS database. The Site was also listed as a Resource Conservation and Recovery Act (RCRA) Generator, however additional information was not available for the Site in this database.

The majority of databases are associated with former operations at the 57-00 parcel. A concrete recycling facility formerly operated on this Parcel (circa 2004 and 2021) and several above and below ground petroleum storage tanks were listed for the facility, refer to Section 5.5 for a listing of storage tanks registered at the Site. Leaks associated with underground storage tanks (USTs) were reported on the 57-00 and 57-57 parcels. Additional petroleum spills were reported on the 57-00 parcel in association with historical commercial operations predominantly associated with the concrete recycling facility.

Inquiries related to past or current petroleum bulk storage and hazardous substances handling and/or documented releases at the Site were submitted to the NYC Department of Environmental Protection (NYCDEP), NYC Department of Buildings, Public Works, NYC Fire Department (FDNY), NYC Department of City Planning, New York State Department of Environmental Conservation (NYSDEC), NYS Department of Health (DOH), and EPA.

E1.4 Findings

This Phase I ESA identified four Recognized Environmental Conditions (RECs), one Historical REC (HREC), five Business Environmental Risks (BERs), and one de minimis condition associated with the Site:

REC 1 – Historical Site Use

Industrial/commercial operations at the Site date back to the 1800s and include an oil depot with petroleum bulk storage (circa 1914 to 1936), fertilizer/glue manufacturing (circa 1897 to 1914), and vehicle maintenance (circa 1982 to 2006). Various petroleum underground storage tanks (USTs have historically been located on three of the four parcels (UST records were not

available for review for 58-20). UST-related leaks have been reported on two of the four parcels (on Parcels 57-00 and 57-57). Although these leaks are closed with the NYSDEC, closure reports were not available from NYSDEC for all of the reported incidents.

More recently, the 57-00 and 58-20 parcels formerly operated as a concrete recycling facility; the facility also accepted other demolition debris (circa 2004 and 2021). Additionally, a concrete laboratory historically operated on the 57-00 parcel (circa 2004 and 2021). Concrete testing laboratories historically have included chlorinated solvents in the operations..

REC 2 – Newtown Creek Superfund

The Newtown Creek is adjacent to the 57-00 and 58-20 parcel western property lines. The creek was added to the USEPA National Priority List in 2010 and remains as such. Former heavy industrial operations in the vicinity of Newtown Creek dating back to the 1800s have impacted the sediments and groundwater in the Creek.. A remedial investigation is currently underway for the Creek. Additionally, a focused feasibility study is currently being prepared regarding a combined sewer outfall long term control plan.

Newtown Creek has the potential to impact on-site soil and groundwater through tidal fluctuations and sediment deposition along the bank of the Creek.

REC 3 – On-Site Storm Water Vault & Oil/Water Separator

The geophysical survey associated with a Phase II Environmental Site Investigation prepared by Langan and dated July 2021 (the Langan July 2021 Phase II ESI) identified a potential oil/water separator and piping suggesting that the trench drains discharged to an on-site storm water vault on the southwestern end of the 57-00 parcel. Concrete slabs cover the storm water vault and piping, therefore the presence of both the discharge piping and the vault could not a be field verified during the site reconnaissance.

REC 4 – Methyl Tert-Butyl Ether (MTBE) in Groundwater

During the Langan July 2021 Phase II ESI, methyl tert-butyl ether (MTBE) was detected in a groundwater sample collected from the northeastern corner of Parcel 57-05. MTBE is a gasoline additive (used since the 1980s) to aid in increasing octane and oxygen levels in gasoline to lower pollution emissions.

HREC 1- Closed Petroleum Spills

The Site has six NYSDEC reported spills which were all administratively closed. A summary of information provided in the Spills section of the EDR report is included below:

- NYSDEC Spill No. 94-11004 was reported November 17, 1994 due to the release of an unknown volume of gasoline. The spill was administratively closed on November 17, 1994. This incident occurred at the 57-00 parcel.

- NYSDEC Spill No. 97-09690 was reported November 20, 1997 after the release of an unknown volume of diesel fuel on soil. No further information regarding the spill was provided. The spill was administratively closed on January 8, 1998. This incident occurred at the 57-00 parcel.

- NYSDEC Spill No. 98-12248 was reported on January 4, 1999 after petroleum impacted soil was identified during the removal of a UST. Petroleum impacted soil was removed and endpoint samples were collected. The spill was remediated to NYSDEC satisfaction and was administratively closed on July 12, 2006. The incident occurred at the 57-57 parcel while under the Boro Lumber Company occupancy.

- NYSDEC Spill No. 07-09978 was reported after a UST failed a tank tightness test on December 18, 2007. The tank lines were re-tested and it was determined that the vent line failed due to a loose fitting. According to a NYSDEC obtained report, evidence of petroleum impacts to the subsurface were not identified by Larry E. Tyree Co., Inc. (the contracted environmental services provider of the Site occupant). The spill was administratively closed on December 28, 2007 following report submission by Larry E. Tyree Co. This incident occurred at the 57-00 parcel.

- NYSDEC Spill No. 08-08170 was reported October 21, 2008 after the report of an active release of petroleum substances and illegal storage and refueling of vehicles. A limited subsurface investigation was reportedly completed in 2009 that identified petroleum impacts in soils from surface grade to about eight feet below grade surface. About 381.04 tons of petroleum impacted soil was reportedly excavated and disposed of in 2010. Documentation of soil and groundwater samples collected post remediation reportedly confirmed that the spill was remediated to the satisfaction of the NYSDEC. The spill was administratively closed on October 27, 2012. This incident occurred at the 57-00 parcel.

- NYSDEC Spill No. 13-06438 was reported on September 19, 2013 after diesel impacted soil and pea gravel was identified in a tank vault during the removal of a 4,000-gallon UST. A closure report summarizing the remedial work and analytical data was reportedly prepared for NYSDEC. The spill was remediated to the satisfaction of the NYSDEC and the spill was administratively closed February 12, 2014. This incident occurred at the 57-00 parcel.

BER 1- Historic Fill

Previous report submittals contain reported field conditions identifying the presence of fill material on the Site. Field conditions identified historic fill material (i.e. brick, gravel, concrete, and wood) in soil borings completed as part of the Langan July 2021 Phase II ESI. Historic fill was also identified during other previous environmental investigations reviewed for this Phase I ESA. Laboratory results from soil and groundwater samples collected on the Site indicate the presence of typical historic fill constituents (i.e. polycyclic aromatic hydrocarbons [PAHs] and Metals).

Historical topographic maps indicate historic fill was deposited within the region sometime prior to the 1900s. Historical aerials depict a dark fill material spread onto lighter underlying soils on the 57-00 and 58-20 parcels in the early 1950s. Elevated PAHs and Metals pose a potential BER if future grading is planned, likely requiring a Soil Management Plan (SMP).

BER 2- Trench Drains & Oil/Water Separator

Trench drains were identified within the 57-00 and 57-05 parcel maintenance garage bays.

- Within the 57-00 parcel garage, trench drains were identified running along the northern and southern ends of the building. Metal plate-covered boxes were also identified near the trench drains on the northern and southern ends of the building. The representative for the property owner stated these boxes were associated with receiving liquids from the trench drains, however piping was not identified within these boxes during site reconnaissance. An oil/water separator was also observed near the trench drain along the southern side of the building. According to a geophysical report prepared as part of the Langan July 2021 Phase II ESI, the northern and southern trench drains appear to connect to a nearby storm drain in the southern parking area. This storm drain discharges to the on-site storm water vault.

- A trench drain connected to a slop sink was identified within a garage bay in the northern part of the building on the 57-05 parcel. The discharge location of this trench drain is unknown.

BER 3 - RCA Pile

During Langan's site reconnaissance on November 2, 2021, an approximate 1,000 cubic yard stockpile of recycled concrete aggregate (RCA) was observed on the northeastern portion of the 58-20 parcel. The stockpiled material appears related to the former concrete processing/recycling operations at the Site. The RCA pile is considered a BER since the

source and environmental conditions of this material is unknown and it will need to be characterized and removed prior to Site redevelopment.

BER 4 - Administrative Consent Order

In April 2021, the NYSDEC imposed an administrative consent order (ACO) on the property. The ACO was imposed due to a tidal wetlands buffer requirement along Newtown Creek, which is western and adjacent to the 57-00 parcel. The ACO was filed with the property deed, and included provisions that structures cannot be erected on this area of Parcels 57-00 and 58-20. Additionally, a tidal wetland buffer vegetated area must be maintained by current and future occupants.

BER 5 – Asbestos Containing Materials (ACM), Lead-in-Paint and Mold

Asbestos and lead-in paint surveys were completed by Langan at the Site in November 2021, which identified confirmed and/or presumed ACM associated with the on-site buildings. Lead-in-paint was also identified red paint on the metal columns by the shutter doors on Parcel 57-00. A description of the asbestos and lead-in-paint survey results are presented in the *Hazardous Materials Survey Report* dated December 2021.

Langan observed indicators of mold during the Phase I ESA site reconnaissance on November 2, 2021. Potential mold was identified within buildings with damaged roofs on Parcels 57-00 and 57-05.

One de minimis condition was identified during site reconnaissance in the form of petroleum-like staining which was identified throughout parcel 57-00 within the interior warehouse space, near mechanic pits, trench drains, and within the former AST room. This condition was also identified on the 57-05 parcel interior space, truck bays, and exterior paved parking areas. Surficial cracks, joints, or exposed soils were not identified within the staining areas. Staining identified within the former AST room was within a secondary containment concrete block treated with specialized concrete purposed to not allow leaking.

1.0 INTRODUCTION

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) has completed this Phase I Environmental Site Assessment (ESA) for the properties located at: 57-00, 58-20, 57-05, and 57-57 47th Street, Maspeth, Queens, New York, herein after referred to as "the 47th Street Site" and "the Site" (see **Figure 1** included in **Appendix A**). This ESA was performed on behalf of Prologis, L.P. (User) to assist with a possible purchase of the Site.

1.1 Purpose

The purpose of this Phase I ESA is to:

(1) Identify Recognized Environmental Conditions (RECs) in connection with the Site, as outlined in the ASTM International's (ASTM) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, Designation E1527-13, which states: the presence or likely presence of any hazardous substances or petroleum products in, on, or at a Site: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. The term is not intended to include de minimis conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. The identification of RECs includes listing of historical and controlled RECs (HRECs and CRECs) as defined by ASTM E1527-13.

(2) Utilize the guidelines of United States Environmental Protection Agency (USEPA) 40 Code of Federal Regulations (CFR) Part 312 Subpart C Standards and Practices §312.20 All Appropriate Inquiry (AAI) Rule for the development and implementation of the scope of services.

As per ASTM E-1527-13, Phase I ESAs can also categorize identified items as a Business Environmental Risk (BER) or de minimis condition. A BER is defined by ASTM E1527-13 as "a risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of *commercial real estate*, not necessarily limited to those environmental issues required to be investigated in this practice." A de minimis condition is defined as "a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies".

1.2 Scope of Services

This Phase I ESA was conducted utilizing a standard of good commercial and customary practice that is consistent with ASTM E1527-13. Significant scope additions, deletions, or deviations to ASTM E1527-13 are noted in Section 1.4 of this report. In general, the scope of this assessment consisted of obtaining information from the User; reviewing reasonably ascertainable information and environmental data relating to the Site; reviewing maps and records maintained by federal, state, and local regulatory agencies; interviewing persons knowledgeable about the Site; and conducting a site reconnaissance. The specific scope of this assessment included the following:

1. A site reconnaissance to observe the Site's condition and assess its location with respect to adjoining and surrounding property uses and natural surface features. The reconnaissance included making observations of adjacent and surrounding properties from public rights-of-way to identify obvious potential environmental conditions. The site reconnaissance was conducted in a systematic manner focusing on the spatial extent of the Site, and then progressing to adjacent and surrounding properties. Photographs taken as part of the site reconnaissance are provided in **Appendix B**.

2. An interview of Mr. Sabatino Lamanna, the property manager for the Site. Mr. Lamanna is employed by SLMJL Family Property Owner, LLC and RL Family Property Owner, LLC.

3. A review of environmental databases maintained by the USEPA, federal, state, and local agencies within the approximate minimum search distance. Environmental Data Resources, Inc. (EDR) of Shelton, Connecticut prepared the environmental database report, which is included in **Appendix C**.

4. Identification of physical characteristics of the Site through previous site information and/or referenced sources.

5. A review and interpretation of historical information, including aerial photographs, topographic maps, Sanborn Fire Insurance Maps (Sanborn maps), and listings of past occupants, to identify previous activities on and in the vicinity of the Site. Copies of historical documentation items and reports, most generated by EDR, are included in **Appendix D**.

6. A review and interpretation of additional historical reports or records from local city or county agencies. Pertinent portions of selected reports have been included in **Appendix E**.

7. Limited desktop or visual evaluations of the potential for radon, lead in drinking water, wetlands, mold, and polychlorinated biphenyls (PCBs) conditions or equipment were conducted as part of this Phase I ESA as applicable.

8. A limited regulated materials survey was completed at the Site to identify the presence/absence of asbestos containing material (ACM) and lead-in-paint separate and

simultaneously with this Phase I ESA. The findings from this survey are summarized in Sections 7.2 and 7.3.

1.3 User Reliance

Langan has prepared this report specifically for the use of the User, with reliance to include Prologis, L.P., and its subsidiaries, affiliates, related parties (specifically including any 1031 exchange entities), successors and assigns, subject to and in accordance with the terms of the Master Services Agreement between Prologis, L.P. and Langan, dated November 8, 2017, under which the report was prepared. Other parties cannot rely on this Phase I ESA and the conclusions thereof, without written authorization from Langan.

1.4 Deletions and Deviations

This Phase I ESA has been performed using the guidelines of ASTM E1527-13 (Standard Practice for ESA: Phase I ESA Process). Two elements of the above referenced standard were not completed:

- A questionnaire was not provided to current Site tenants; however, short interviews/discussions with current Site tenants were conducted, when possible, during the site reconnaissance. Relevant information from the interviews is included throughout the report.

- Questionnaires were sent to the User and the Site owner; completed versions have not been returned.

1.5 Limitations, Assumptions, and Data Gaps

This Phase I ESA was prepared for the Site on behalf of the User. The report is intended to be used in its entirety. Excerpts taken from this report are not necessarily representative of the assessment findings. Langan cannot assume responsibility for use of this report for any property other than the Site addressed herein, or by any other third party without a written authorization from Langan.

Langan's scope of services, as described above, was limited to that agreed to with the User and no other services beyond those explicitly stated are implied. The services performed and agreed upon for this effort comport to those prescribed in the ASTM E1527-13. Sampling (e.g. soil samples from cores or borings, groundwater sampling from wells, or construction material surveys or sampling) was not performed as part of this Phase I ESA.

This Phase I ESA was not intended to be a definitive investigation of all possible environmental impacts at the Site. The purpose of the site investigation was limited to determining if there is reason to suspect the possibility of RECs at the Site. It should be understood that even the most comprehensive Phase I ESA may fail to detect environmental liabilities at a particular property. Therefore, Langan cannot "insure" or "certify" that the Site is free of environmental impacts. No expressed or implied representation or warranty is included or intended in this report, except that our services were performed, within the limits prescribed by the User, with the customary standard of care exercised by professionals performing similar services under similar circumstances within the same jurisdiction.

The findings and opinions provided in this report are based solely on the specific activities as required for the performance of ASTM E1527-13 and are intended exclusively for the purpose stated herein, at the specified Site, as it existed at the time of our site reconnaissance.

The scope of services performed for this study did not include the following: cultural and historical resources, industrial hygiene, health and safety, ecological resources, endangered species, indoor air quality, and biological agents. Limited desktop or visual evaluations of the potential for radon, lead in drinking water, wetlands, mold, and PCB conditions and equipment were conducted as part of this Phase I ESA.

The AAI Rule and ASTM E1527-13 discuss data gaps and the need to identify them if they have occurred and are deemed significant to the identification of RECs. According to AAI, Section 312.20 (g), "to the extent there are data gaps (as defined in Section 312.10) in the information developed...that affect the ability of persons (including the environmental professional) conducting the all appropriate inquiries to identify conditions indicative of releases or threatened releases…such persons should identify such data gaps, identify the sources of information consulted to address such data gaps, and comment upon the significance of such data gaps." According to ASTM E 1527-13, Section 8.3.2.3, "historical research is complete when either: (1) the objectives in 8.3.1 through 8.3.2.2 are achieved; or (2) data failure is encountered. Data failure occurs when all the standard historical sources that are reasonably ascertainable and likely to be useful have been reviewed and yet the objectives have not been met…If data failure is encountered, the report shall document the failure and, if any of the standard historical sources were excluded, give the reasons for the exclusion."

This Phase I ESA was completed with the following data gaps:

- Complete responses to FOIA requests have not been received from the following government agencies: NYCDEP, NYC Department of Buildings, Public Works, FDNY, NYC Department of City Planning,, NYSDOH, and EPA.

- Langan was not granted access to the interior of the 57-57 building due to a misplaced key.

- Langan was not granted access to two garage bays located on the northwestern end of the 57-00 parcel building. This was due to lack of electricity to open the garage bay doors.

- A questionnaire was not provided to current Site tenants.

- Questionnaires were sent to the User and the Site owner; completed versions have not been returned.

The above listed data gaps are not expected to impact the overall conclusions of this Phase I ESA. Data from other data sources provided information that would be expected were these data gaps to be satisfied. For these reasons, these data gaps are not considered significant. If information becomes available which alters the conclusions of this Phase I ESA, an addendum will be issued.

1.6 Consultant Qualifications

The signatures of the environmental professional(s) responsible for this Phase I ESA are provided on the submittal letter and/or cover page of this report.

The qualifications of the environmental professionals that conducted this Phase I ESA are presented in the resumes provided in **Appendix F**. Langan declares that, to the best of our professional knowledge and belief, the individuals responsible for this Phase I ESA meet the definition of Environmental Professional as defined in #312.10 of 40 CFR 312. Langan has specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Site.

2.0 SITE DESCRIPTION

2.1 Location and Legal Description

The Site is located at 57-00, 58-20, 57-05, and 57-57 47th Street, Maspeth, Queens, New York, approximately 0.75 miles south form the intersection of Interstates 278 and 495. The Site

consists of parcels encompassing the majority of the northern end of 47th Street (see **Figure 1**). The Site also adjoins Newtown Creek. This location is in a commercial and industrial area of northwestern Queens.

As per a Site survey completed December 22, 2020, the collective Site is 3.8544 acres in size and consists of four New York City Register File Number (CFRN) parcels. See table below for additional property information.

Property Address	Block/Lot	CFRN IDs	Land Area (Approximate)
57-00 47th Street	2601/6	2020000326467	2.70 acres
58-20 47th Street	2601/1	2020000326471	0.35 acres
57-05 47th Street	2601/72	2020000326469	0.69 acres
57-57 47th Street	2601/68	2020000326473	0.10 acres

The approximate area corresponding to each address and parcel boundaries are depicted in **Figure 2**. The different portions of the Site will be referred to as the 57-00, 58-20, 57-05, and 57-57 parcels, respectively.

2.2 Improvements

The Site configuration is shown on the Site Plan in **Figure 2**. The primary Site improvements consist of three buildings. The building on parcel 57-00 is 19,760 square feet in area. Parcel 57-05 contains a 5,100-square foot building. And parcel 57-57 has a 1,890-square foot building.

Ground coverings on the northern and southern ends of parcel 57-00 consists of concrete. The southern end and parcel 58-20 consists of gravel and crushed concrete along with a planted wetland buffer. The buildings on parcels 57-05 and 57-57 are surrounded by asphalt.

2.2.1 Main Structures

There are three main structures on the Site as summarized below:

<u>57-00 Parcel</u>

The 57-00 parcel includes a centrally located building of approximately 19,760 square feet which was constructed in 1966. The building is currently vacant, however it was last occupied by NYC

Concrete Materials AKA Pebble Lane Associates, LLC. The building was utilized for vehicle maintenance, concrete testing, and administrative purposes. The building is constructed of brick and cinderblock with sheetrock and drop ceilings within the office space and panel ceilings within the garage area. The garage area is on the western end of the building and the administrative area is on the eastern end of the building. Concrete testing occurred within the northeastern end of the administrative area.

58-20 Parcel

A concrete block shed with a sewer ejector pit is located on the southeastern end of this parcel.

57-05 Parcel

The 57-05 parcel contains a vacant 5,100-square foot commercial building located on the western end of the property. The building was constructed in 1964 and consists of vehicle maintenance garage bays on the eastern end of the building and office space on the western end. A floor drain is located on the western end of the northern garage bay. The floor drain has a slop sink draining into this floor drain. An unknown dark material was observed lining the slop sink basin. A discharge location for this floor drain was not identified.

57-57 Parcel

The 57-57 parcel contains a vacant 1,890-square foot commercial building located on the western side of the property. The building was constructed in 1966 and consists of a one story brick structure which was formerly utilized as office space, followed by a former delicatessen space. The interior of the building was not accessible during site reconnaissance due to a misplaced key.

2.3 Owner, Site Manager, and Occupant Information

SLMJL Family Property Owner, LLC (58-20) and RL Family Property Owner, LLC (57-00, 57-57, and 57-05) own the Site. The Site is currently vacant. The table below lists the most recent tenants on the Site; information was provided by the Site contact.

Parcel	Most Recent Tenant	Most Recent Parcel Use
57-00 Parcel	NYC Concrete Materials AKA Pebble Lane Associates, LLC	Concrete testing, vehicle maintenance, and office operations.
58-20 Parcel	NYC Concrete Materials AKA Pebble Lane Associates, LLC	Concrete recycling

Parcel	Most Recent Tenant	Most Recent Parcel Use
57-05 Parcel	Marshark Craft	Portable catering parking and vehicle maintenance
57-57 Parcel	Delicatessen	Small scale delicatessen

2.4 Zoning

The Site is zoned Manufacturing District (M3-1) according to the New York City Zoning and Land Use Map, accessed from the New York City ZoLa GIS map. Snapshots of the Zoning Map is included in **Attachment E1, Appendix E**.

2.5 Utilities

The Site is serviced by the New York City Sewer and NYC Department of Environmental Protection (DEP) for water. Electricity and natural gas are provided by Con Edison. Currently, utilities are not active on the Site except for a minor amount of electric within the 57-00 building.

2.6 Current Use

The Site is currently vacant.

3.0 REGIONAL DESCRIPTION AND PHYSICAL SETTING

3.1 Topography

The topography of the Site is relatively flat and elevation is near sea level. According to the EDR Radius Check, the Site has an elevation of approximately seven feet above mean sea level (msl). The EDR Radius Check references the United States Geological Service (USGS) Brooklyn, NY map, dated 2013.

3.2 Surface Water

Surface water is not present within Site boundaries. The nearest surface water body is Newtown Creek which adjoins the Site to the west.

3.3 Floodplains

According to the Federal Emergency Management Agency (FEMA) Map Service Center, the Site is plotted on FEMA panel 3604970208F. The entire Site is mapped within a shaded portion of a Zone X area designated with a 0.2% annual chance flood hazard (i.e. – within the 500 year flood zone area). The FEMA National Flood Hazard Layer FIRMette is included in **Attachment E2, Appendix E**.

3.4 Geology

The United States Department of Agriculture indicates the surficial geology of the Site consists of predominantly Urban Land, with a till substratum and also Urban land, tidal marsh. According to Bakersville's Bedrock and Engineering Maps of New York County and Parts of Kings and Queen Counties, New York, and Parts of Bergen and Hudson Counties, New Jersey", dated 1994, indicates the bedrock underlying the Site is part of the Hartland Formation. The Hartland Formation is comprised of micaschist and quartz-feldspar granulite, with localized intrustions of granite and pegmatite. Given the development history and infilling in the south, historic fill will likely be present beneath the Site. Geological surface features (i.e. outcroppings were not identified.

Soil borings completed as part of the Langan July 2021 Phase II ESI indicated subsurface soils contained fill material. Fill material constituents were gravel, non-native gray sand, brick, and concrete pieces. Native soil consisted of brown/olive medium sand with trace fine gravel. Peat was detected in some boring locations at a depth of approximately twelve and a half feet below grade.

3.5 Hydrology and Hydrogeology

Groundwater is typically influenced topographically, shallow groundwater tends to originate in areas of topographic highs and flows toward areas of topographic lows, such as rivers, stream valleys, ponds, and wetlands. A broader, interconnected hydrogeological network often governs groundwater flow at depth or in the bedrock aquifer. Groundwater depth and flow direction are also subject to hydrogeological and anthropogenic variables such as precipitation, evaporation, extent of vegetation cover, and coverage by impervious surfaces. Other factors influencing groundwater include depth to bedrock, the presence of artificial fill, and variability in local geology and groundwater sources or sinks.

Groundwater from temporary well points installed on the Site as part of the Langan July 2021 Phase II ESI indicate groundwater is present at a depth of approximately 10 to 10.5 feet below grade. Groundwater flow is suspected to be westerly towards Newtown Creek.

3.6 Surrounding Properties

The Site is located south of the intersection of 47th Street and 58th Road. Adjacent properties are:

North	
58th Road	
47-01 8th Street	NYC Department of Sanitation Queens West District 5 Garage
South	
58-26 47th Street	NYC Department of Environmental Protection Newtown Creek aeration facility
58-38 47th Street	Currently vacant, formerly B&H Scaffold
Grand Avenue	
East	
57-47 47th Street	Molloy Brothers Moving and Storage/LaserShip Delivery
57-45 47th Street	Commercial building with vehicle repair/maintenance
48-05 47th Street	New York City Transit Authority parking facility
West	
Newtown Creek	
1313 Grand Street	Empire Transit Mix Inc. (concrete mixing facility)

Additional selected information regarding occupants for nearby buildings is included in the City Directory report included in **Appendix D.**

4.0 SITE AND REGIONAL HISTORY

This Site is located in a portion of northwestern Queens which was developed sometime prior to 1897. The area has a rich industrial/commercial history. The first documented use on the Site was for operations associated with a fertilizer and rendering works which began on parcel 57-00 sometime prior to 1901 and ended circa 1901. Valvoline Oil Company operated on parcels 58-20

and 57-05 from approximately 1914 until sometime prior to 1941. Following Valvoline cessation of operations, the current Site configuration took shape in the mid-1960s.

Site and regional land use is documented by the following items:

Historical Items	Dates
Aerial Photographs	1924, 1941, 1951, 1954, 1961, 1966, 1974, 1976, 1980, 1984, 1991, 1994, 2006, 2009, 2013, 2017
Historical Sanborn Maps	1933, 1936, 1950, 1951, 1965, 1968, 1971, 1977, 1979, 1980, 1981, 1982, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1999, 2001, 2002, 2003, 2004, 2005, 2006, 2007
Historical USGS Topographic Maps	1897, 1898, 1900, 1947, 1956, 1967, 1979, 1995, 2013
City Directory Abstract (available business directories, including city, cross-reference, and telephone directories)	1922, 1934, 1939, 1945, 1950, 1962, 1967, 1970, 1976, 1983, 1991, 1994, 1996, 1999, 2000, 2004, 2005, 2009, 2014, 2017

4.1 Aerial Photographs

Langan reviewed 16 aerial photographs provided by EDR to help evaluate past uses and relevant characteristics of the Site and surrounding properties. The EDR Aerial Photo Decade Package report, which contains a copy of each photograph, is provided in **Appendix D**. Features noted in the photographs are discussed below.

1924 Photograph. Structures are present on parcel 58-20 and extending to the northern end of parcel 57-00. Approximately five buildings are located on the parcels. Additional structures are present on the northeastern end of parcel 57-05 with ancillary pieces of equipment on the southwestern end of the parcel. An off-site, unimproved road leads to the northern end of the Site.

1941 Photograph. Imagery is not of high quality, therefore specific details are not clearly identifiable. An unimproved roadway bifurcates the Site in a similar location as current 47th Street, however the terminus of the road is on parcel 58-20. Possible structures are present along Newtown Creek on parcels 57-00 and 58-20. It is unclear if buildings remain on parcel 57-05.

1951-1966 Photographs. All parcels are void of buildings. Material which is darker than material on nearby properties and the native ground surface has been deposited on parcels 57-00 and 58-20. A building foundation is apparent near Newtown Creek on parcel 57-00.

Piles of material are apparent on parcels 57-00 and 58-20; the majority of the parcels are covered with these piles (1954). By 1961, the piles were no longer apparent on the parcels. Erosion of imported material is evident on parcels 57-00 and 58-20. Parcels 57-05 and 57-57 remain vacant and void of structures and notable development until 1966.

1974-1980 Photographs. Buildings are apparent on parcel 57-00; the current building configuration depicted. Tractor trailers are located surrounding the 57-00, 58-20, and 57-05 buildings. Debris piles were located on northeastern end of the 57-05 parcel (1974).

1984 Photograph. Trailers remain apparent on the 57-00 and 58-20 parcels. Parcel 57-05 no longer has trailers parked on the property; the building on this parcel appears vacant. The debris pile appears to have been removed from northeastern corner of 57-05.

1991-1994 Photographs. A concrete recycling plant has been constructed on parcel 58-20 and the northern end of 57-00. Piles of RCA material is apparent throughout this area. Trucks are parked throughout the 57-00 parcel. Material, debris, and vehicles are located throughout the 57-05 parcel.

2006-2009 Photographs. The majority of trucks were removed from the 57-00 parcel. Concrete plant operations appear to have been reconfigured; RCA piles have been moved to new areas on the 57-00 and 58-20 parcels. Some debris/vehicles have been removed from the 57-05 parcel. Material is being stored on the 57-57 parcel surrounding the building.

2013-2017 Photographs. Additional trucks are parked on the 57-00 parcel. Parcel 57-05 appears to be operating a material distribution company (material type is unknown), which is evident by staged materials along perimeter of parcel.

4.2 Topographic Maps

Langan reviewed nine historical topographic maps from EDR. The following additional information was obtained from the topographic maps about the Site and/or the immediate areas near the Site:

- Topographic maps from the 19th century depict structures on the Site. Various commercial development is present within the Site vicinity. Surrounding areas have been fully

developed with residential use. A railroad track is located approximately 2,166 feet north and east of the Site.

- Topographic maps from 1947 until 2013 indicate a steady progression of development within the area surrounding the Site. The Site appears void of structures from 1956 until 1967. The U.S. Naval Reservation was constructed east of the Site circa 1956.

- The Site is not depicted as being inundated with water on any map, with the nearest hydrologic features being Newtown Creek, adjoining the Site to the west.

A copy of EDR's Historical Topography Maps report is provided in **Appendix D**.

4.3 Sanborn Maps

Sanborn maps provide information on structures related to building construction and materials that could impact fires (i.e. gasoline tanks, chemical storage, etc.) within these structures. EDR provided two Sanborn map plates covering the Site and adjoining properties dated 1902 through 2007. However, the Site is not depicted in the majority of these maps. A copy of the Sanborn map report is provided in **Appendix D**. Additional information not included in the aerial photographs and/or topographic maps include the following items:

1902 Map: Moller and Cos. Fertilizer and Rendering Works is depicted east and extending onto the southern end of parcel 57-00. Several buildings associated with these operations were depicted on the 1902 Sanborn Map and included the fertilizer works building. An old well is located on the southern property line of parcel 57-57.

1914 Map: Valvoline Oil Company Oil Depot is located on parcels 58-20 and 57-05. Various outbuildings are associated with the Valvoline operations and include: Storage areas, barrels of oil, six areas with oil tanks, and oil engine building. A roadway is located on parcel 57-57.

1950 Map: It appears that the Valvoline Oil Company Oil Depot became abandoned sometime prior to 1950. Some structures remain from Valvoline operations on parcels 58-20 and 57-05.

1980 Map: Current buildings have been constructed on the Site. The building on parcel 57-00 is stated to function as a truck body repair facility. The building on parcel 57-05 was stated to be operated as a motor freight station. The building on parcel 57-57 was stated to be an office.

4.4 Historical Site Occupants

Langan reviewed a city directory search and abstract provided by EDR. For each address, the directory lists the name of the corresponding occupant at approximate five year intervals. Business directories including city, cross reference, and telephone directories were reviewed, if available, for the years spanning 1967 through 2017. Available data for the target property appears to be dated from 1966 to 2014. The City Directory Report is included in **Appendix D**. Below is a summary of the occupant listings for the Site addresses:

Address	Reported Year	Reported By	Occupant
57-00 & 58-20	2021	Site Visit /Interview	Vacant- Formerly NYC Concrete Materials AKA Pebble Lane Associates, LLC
	2003-Spring 2021	Filed Lease	Formerly NYC Concrete Materials AKA Pebble Lane Associates, LLC
	2013-2017	Google Street View	Queen's Truck Auto Center (Repair shop) Sky Materials Rizzo Environmental Services (2013-2015)
	1995-2012	Filed Lease	Island Transportation
57-00 & 58-20	2000-2005	EDR	Alfredo Lamanna Trucking Inc. Brookville Enterprises, Inc. Island Transport Almar Supplies, inc.
	1991	EDR	United Leasing Corp.
	1976	EDR	Fruehauf Trailer Corporation
57-05	2021	Site Visit/Interview	Vacant- Formerly Marshark Craft NYC
	2020-May 2021	Google Street View	Marshark Craft NYC
	2011-2017	Google Street View	Almar Supplies, Inc.
	2005	EDR	Sagana Industries
	2000	EDR	Office Depot Stlt
	1983	EDR	Arflo Trucking Inc. Queens Motor Transpoeration
	1967-1970	EDR	Tayaton HW Co. Inc.
57-57	2021	Site Visit/Interview	Delicatessen
	2020-May 2021	Google Street View	Delicatessen

Address	Reported Year	Reported By	Occupant
57-57 (cont.)	2014-2017	Google Street View	Peterbilt of New York City (Parts dealer)
	2007-2012	Google Street View	Boro Timber (Sales)

4.5 Google Street View

Google Street View imagery was analyzed for the Site for years 2007 through 2021. Below is a summation of notable findings:

Parcel 57-00 and 58-20

All items below were identified on the 57-00 parcel, during this time period, the 58-20 parcel operated as the yard for concrete manufacturing operations. Gasoline and or diesel pumps were located on southeastern end of the parcel in a location of current portable guard shack (2007-2012). The trench drain area northeast on property was utilized to wash trucks entering/exiting facility. Island Transportation identified to be operating on the Site (2007-2012). Queen's Truck Auto Center repair shop was operating within the southern garage bays not associated with the concrete facility operations (2013-2017). Sky Materials is operating out of southern area and material stored throughout the Site (2013-2017). Rizzo Environmental Services (trash contractor) operated from office space adjacent to NYC Concrete from 2013 to 2015. Pebble Lane Associates/US Concrete began operating a concrete truck repair facility from the southern garage bays (2018-2021).

Parcel 57-05

Cargo containers were located along southwestern side of the parcel (2007). Parts of parking area have had asphalt removed and a large gravel patch located in northeastern end of parcel (2007). Almar Supplies, Inc. operated on-site from 2011 to 2017, appears vehicle maintenance and parking occurred with Almar operations. In September 2013, a new garage bay on northern end of building was constructed and entire parking area paved. 275-Gallon AST stored within the northeastern corner of parking area, unknown contents or if in-use or simply staged (2015). Shipping containers within the southwestern portion of the parcel. The parcel contains a traffic control tenant which utilized the Site as a parking area and vehicle maintenance shop in 2017. Marshark Craft NYC (food truck service) operating on the parcel from 2020 through May 2021, building material storage south of the building also during this period.

Parcel 57-57

Boro Timber operating within the on-site building from 2007 to 2012. The parcel operated as a parts dealer for Peterbilt of New York City from 2014 to 2017. The parcel housed a delicatessen operator from 2020 to 2021.

4.6 Historical Site Ownership

Historical ownership of the Site according to information retrieved from Automated City Register Information System (ACRIS) website (http://www.nyc.gov/html/dof/html/jump/acris.shtml), is summarized below by lot.

Date	Party 1	Party 2
57-00 and 58-20 Parcels		
4/30/1988	Island Transportation Corporation	57-00 Maspeth Avenue, LLC
11/13/2020	57-00 Maspeth Avenue, LLC	RL Family Property Owner, LLC
11/17/2020	RL Family Property Owner, LLC	RL Family Property Owner, LLC EL Family Property Owner, LLC SLMJL Family Property Owner, LLC
57-05 Parcel		
1/4/1973	Joseph A. Cestaro and Peter Galasso	LECO Distributors, Inc.
1/14/1983	LECO Distributors, Inc. and Maspeth Federal Savings and Loan Association (William R. Greenspan)	Laurent Associates, Inc. Andrew Libasci Here Realty, Inc. Edward N. Slade
11/9/1983	Laurent Associates, Inc. Andrew Libasci Here Realty, Inc. Edward N. Slade	Alfredo Lamanna
5/31/2006	Estate of Alfredo Lamanna	FUMO, LLC
11/13/2020	FUMO, LLC	RL Family Property Owner, LLC
11/13/2020	RL Family Property Owner, LLC	RL Family Property Owner, LLC EL Family Property Owner, LLC SLMJL Family Property Owner, LLC
57-57 Parcel		
6/22/1970	Galaron Realty Corp.	Peter Galasso
5/1/1968	Peter Galasso	Johnson Avenue Realty Company c/o Peter Galasso
10/23/1982	Peter Galasso	Nancy Galasso
3/27/2001	Nancy Galasso	57-57 47th Street Realty Corp.
11/28/2012	57-57 47th Street Realty Corp.	57-57 47th Street Mack, LLC
11/13/2020	57-57 47th Street Mack, LLC	RL Family Property Owners, LLC
11/13/2021	RL Family Property Owners, LLC	RL Family Property Owner, LLC EL Family Property Owner, LLC SLMJL Family Property Owner, LLC

A printout of the information from the ACRIS website is included as **Attachment E3** in **Appendix E**.

4.6 Environmental Orders, Liens, Use Limitations

Langan did not identify environmental orders, liens, or use limitations associated with the Site. However, a restrictive declaration was required for filing onto the deeds for parcels 57-00 and 58-20 due to an April 2021 Administrative Consent Order (ACO) imposed by the NYSDEC. The restrictive declaration has not yet been filed on the property deeds, however will be sometime in the future. This restrictive declaration will in summation identify and protect the tidal wetlands and vegetative buffer area from disruption by current or future property owners, tenants, and occupants. Additional information on this ACO is included in Section 4.8.

4.7 Valuation Reductions for Environmental Issues

Langan identified the ACO associated with parcel 57-00 and 58-20 as a potential valuation reduction. This poses a potential valuation reduction because the ACO area of the parcel cannot be developed and must be maintained with tidal wetlands and vegetative buffer..

4.8 Prior Assessments

Reports were provided to the Client from the Site owner for review. These reports have been included in **Appendix E**.

Phase I Environmental Site Assessment Report- July 21, 2021

Based on information provided by Prologis, a Phase I ESA prepared by Langan on behalf of a party previously interested in the Site. Below is a summation of this previously prepared report. Key information from this report is included as **Attachment E4, Appendix E**.

Two (2) Recognized Environmental Conditions (RECs) were identified on the Site.

- REC 1- Historical Use of Subject Property
    - Historical operations include a fertilizer works facility (1902 to 1914), an oil depot with bulk petroleum storage (1914 to 1936), truck parking (1974 to 1991), truck repair (1982 to 2006), a waste facility and petroleum bulk storage (2004 to 2021), and an auto repair facility (2013 to 2014). The Site is listed as an active Solid Waste Facilities/Landfill Sites (SWF/LF) for the processing of construction and demolition waste (ceased in early 2021).

- REC 2- Western-Adjoining Superfund Site

    - Newtown Creek is listed on the US Environmental Protection Agency (EPA) National Priority List (NPL). Contamination within the creek is attributed to combined sewer overflow and historical industrial facilities on the creek banks. Facilities include over fifty oil refineries, petrochemical plants, fertilizer, glue factories, lumber, and coal yards. A remedial investigation is presently underway for the entire creek and a focused feasibility study is currently being prepared by responsible parties pursuant to Compensation and Liability Act (CERCLA).

One (1) Historical Recognized Environmental Conditions (HREC) was identified on the Site.

- HREC 1- Closed Spills on the Subject Property

    - NYSDEC Spill No. 94-11004 was reported November 17, 1994 due to the release of an unknown volume of gasoline. The spill was administratively closed on November 17, 1994. This incident occurred at the 57-00 parcel.

    - NYSDEC Spill No. 97-09690 was reported November 20, 1997 after the release of an unknown volume of diesel fuel on soil. No further information regarding the spill was provided. The spill was administratively closed on January 8, 1998. This incident occurred at the 57-00 parcel.

    - NYSDEC Spill No. 98-12248 was reported on January 4, 1999 after petroleum impacted soil was identified during the removal of a UST. Petroleum impacted soil was removed and endpoint samples were collected. The spill was remediated to NYSDEC satisfaction and was administratively closed on July 12, 2006. The incident occurred at the 57-57 parcel while under the Boro Lumber Company occupancy.

    - NYSDEC Spill No. 07-09978 was reported after a UST failed a tank tightness test on December 18, 2007. The tank lines were re-tested and it was determined that the vent line failed due to a loose fitting. According to a NYSDEC obtained report, evidence of petroleum impacts to the subsurface were not identified by Larry E. Tyree Co., Inc. (the contracted environmental services provider of the Site occupant). The spill was administratively closed on December 28, 2007 following report submission by Larry E. Tyree Co. This incident occurred at the 57-00 parcel.

    - NYSDEC Spill No. 08-08170 was reported October 21, 2008 after the report of an active release of petroleum substances and illegal storage and refueling of vehicles. A limited subsurface investigation was reportedly completed in 2009 that identified petroleum impacts in soils from surface grade to about eight feet below grade surface. About 381.04 tons of petroleum impacted soil was reportedly excavated and disposed of in 2010. Documentation of soil and groundwater samples collected post remediation reportedly confirmed that the spill was remediated to the satisfaction of

the NYSDEC. The spill was administratively closed on October 27, 2012. This incident occurred at the 57-00 parcel.

- NYSDEC Spill No. 13-06438 was reported on September 19, 2013 after diesel impacted soil and pea gravel was identified in a tank vault during the removal of a 4,000-gallon UST. A closure report summarizing the remedial work and analytical data was reportedly prepared for NYSDEC. The spill was remediated to the satisfaction of the NYSDEC and the spill was administratively closed February 12, 2014. This incident occurred at the 57-00 parcel.

One de minimis condition was identified during the site reconnaissance in the form of oil-like staining identified throughout Lot 6 (parcel 57-00) within the interior warehouse space, near mechanic pits, in the vicinity of former ASTs, throughout the concrete paved parking area (south, east, and west of the building), beneath a parked excavator. This de minimis staining was also located within the 57-05 parcel interior space, truck access bays, and exterior concrete paved parking areas. Surficial concrete cracks, joints, or exposed soil were not identified within stained areas. Stained areas were also identified near wall/floor seams near the former above ground storage tank (AST) area.

Phase II Environmental Site Investigation Report- July 26, 2021

Based on information provided by Prologis, a Phase II ESI prepared by Langan on behalf of a party previously interested in the Site. Findings of the Phase I ESA were investigated to determine if negative impacts were present. Below is a findings summation. Key information from this report is included as **Attachment E5, Appendix E**.

- A geophysical survey was conducted within the garage space on parcel 57-00, surrounding parking area on this parcel, parcel 58-20, parcel 57-05, and parcel 57-57. The geophysical survey was completed to clear soil borings/temporary well points, determine locations of underground utilities, and identify subsurface anomalies.

    - 57-00 and 58-20 Parcels: Two UST graves were identified on the southeastern end of the parcel. Various underground utility lines were identified throughout the Site. Various drains were identified throughout the Site along with associated underground piping. A potential oil water separator was identified within the southern end of the maintenance garage. The potential oil water separator had piping discharging to a nearby storm water drain which discharged to the on-site storm water vault.

    - 57-05 Parcel: Underground utility lines were identified throughout the parcel along

with underground storm sewer lines.

  - 57-57 Parcel: A water and sewer underground utility line were identified on this property.

- Eleven soil borings were installed on the Site, four of these borings were converted to temporary groundwater monitoring wells. Soil and/or groundwater samples were collected from each sample point.

- Subsurface observations: Fill material consisting of fine-grained sand with varying amounts of fine gravel, silt, brick, wood, and concrete were identified at depths of four to sixteen feet below grade surface (bgs.) on the Site. Petroleum-like odor and staining was identified within three locations (SB01, SB02, and SB04).

- Soil sample analytical results identified polycyclic aromatic hydrocarbons (PAHs), arsenic, lead, and mercury greater than various New York Codes, Rules and Regulations Part 375 Commercial Use and Industrial Use Soil Cleanup Objectives.

- Groundwater analytical results identified volatile organic compounds (VOCs), PAHs, and dissolved metals (antimony, arsenic, iron, lead, magnesium, manganese, and sodium) were greater than the NYSDEC Division of Water Technical and Operation Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values (SGVs) for Class GA (drinking water).

  - Due to typical historic fill components identified within the subsurface, PAHs and metals associated with historic fill (i.e. anthracene, benzo(a)anthracene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chrysene, and ideno(1,2,3-cd)pyrene) were anticipated to be greater than the SGVs.

  - VOCs (i.e. 1,2-dichloropropane, isopropylbenzene, n-propylbenzene, and methyl tert-butyl ether [MTBE]) were not anticipated to exceed the SGVs. These exceedances, most notable MTBE are notable because they are not associated with historic fill material but rather petroleum products.

Administrative Consent Order- April 2021

An administrative consent order (ACO) was issued to the current owner of the Site by NYSDEC. The ACO is included as **Attachment E6, Appendix E**. The ACO applies to the western end of the 57-00 and 58-20 parcels. More specifically, the high marsh area consists of 14,600 square

feet and the buffer zone consists of 10,100 square feet. The ACO was issued due to the operation of a solid waste and aggregate facility without a tidal wetlands permit. Additionally the Site owner was cited for the installation of a concrete wall within a tidal wetlands buffer area without a NYSDEC permit and other violations associated with sales and transfers of the subject property without restoring the wetlands buffer area along the western property boundary.

The ACO references violation of articles 15, 17, 25, 27, and 34 of the NYS Environmental Conservation Law and New York State Title 6 of the Codes, Rules, and Regulations (6NYCRR0 Parts 360, 608, 661, and 750. Compliance activities outlined in the April 2021 ACO include the following:

- Closure of the solid waste and aggregate processing facility, which includes the removal of all waste materials;
- Implementation of a wetland restoration plan, including removal of concrete/structural elements, and replanting a high marsh area and buffer planning area;
- Monitoring newly installed plantings over a five year period with annual reporting;
- Adherence to best management practices during removal of concrete recycling facility features and wetland planting activities;
- Recording in the property records for the 57-00 and 58-20 parcels a restrictive declaration to identify and protect the tidal wetlands and vegetated buffer areas from disturbances by current or future owners, tenants, and occupants.

Diesel Fuel Spill Remediation Report - December 5, 2013

This report summarizes remedial actions taken to remedy NYSDEC Spill No. 13-06438. This spill was reported in association with the removal of a 4,000-gallon diesel UST. Below is a summation of pertinent parts of this report. Key information from this report is included as **Attachment E7, Appendix E**.

- One out-of-service 4,000-gallon diesel UST was removed on September 19, 2013. During the removal, staining and petroleum impacted pea gravel was identified within the underground tank vault.
- Two soil borings were collected from below the concrete base of the UST vault. Fill material was identified and sampled from within these locations.

- Laboratory analytical results from these soil borings indicated three SVOCs were greater than their respective NYSDEC CP-51 Soil Cleanup Objectives (SCOs) Guidance Values by less than one order of magnitude. These compounds were benzo(a)anthracene at 1,100 ppb, chrysene at 1,100 ppb, and indeo(1,2,3-c,d)pyrene at 570 ppb.

- The report states that the presence of these SVOCs is related to historic fill and not petroleum, therefore the report states that these exceedances were not further investigated.

According to NYSDEC data, the 13-06438 case was closed with the NYSDEC on February 11, 2014.

Investigation Summary Report, Spill #08-08170- November 2010

This report summarizes remedial investigation efforts associated with NYSDEC Spill No. 08-08170. This spill was reported by NYSDEC in association with illegally storing and dispensing petroleum. Petroleum spills were also reported. This report prompted various field work which is summarized below. Key information from this report is included as **Attachment E8, Appendix E**.

- A total of 351.04 tons of petroleum impacted soil was excavated, stockpiled, and removed offsite. According to EDR database information, remedial excavation had previous delineation soil samples greater than NYSDEC SCOs. This prompted the removal of impacted soil. The source of the petroleum release was not indicated in the Investigation Summary Report.

- A concrete pad was also removed simultaneously with the petroleum impacted soil. The concrete pad was stated to have a floor drain without piping.

- Seven post excavation soil samples were collected from the sidewalls and center base of the excavation. Samples were analyzed for VOCs and SVOCs.

- Laboratory analytical results indicated select PAHs associated with historic fill material exceeded the NYSDEC SCOs.

- As per an NYSDEC letter dated April 16, 2012, a groundwater monitoring well was required to be installed within the soil excavation to evaluate groundwater quality. Monitoring well installation and sampling documentation were not available with the NYSDEC FOIA response.

According to a NYSDEC Spill Report Form, this spill was closed October 27, 2012.

Tank Tightness Test Reporting- December 28, 2007

A tank tightness test was completed on December 18, 2007. The tank tightness test report is included as **Attachment E9, Appendix E**. The testing results concluded that the UST did not pass. The NYSDEC was contacted to report this incident. Spill No. 07-09978 was assigned to this incident. Subsequent faxes to the NYSDEC state that the failure was due to a cross over line that had not been removed from the tank top. The line was removed and the tank subsequently passed on December 21, 2007. The spill was administratively closed according to the NYSDEC Spill Report Form on December 28, 2007.

5.0 SITE RECONNAISSANCE AND INTERVIEWS

Site reconnaissance was conducted on November 2, 2021 by Ms. Rebekah Diehl and Mr. Preston Lai of Langan. The reconnaissance was conducted in a systematic manner, focusing first on the building exteriors at the Site, progressing to the indoor areas, and finishing with driving the nearby public streets and viewing adjacent and surrounding properties. The weather on the reconnaissance day was 51° and overcast. Photographs of the site reconnaissance are included in **Appendix B**.

Langan was not granted access to two garage spaces on the northwestern end of the 57-00 parcel due to lack of electricity to open the garage bay doors. The building interior on parcel 57-05 was not accessible due to a misplaced key during site reconnaissance.

The assessment of the adjacent and surrounding properties was limited to identifying, as possible, indications of past or current use that may involve the use, storage, disposal, or generation of hazardous substances or petroleum products. The assessment was also geared to collect information regarding the general type of current Site use, the general topography of the surrounding area, and the general use of adjoining facilities or adjacent structures.

5.1 Interviews

For the Phase I ESA, Langan interviewed the Site Property Manager Mr. Sabatino Lamanna while on-site. The objective of the interviews was to obtain information indicating the potential for RECs in connection with the Site and to provide further details regarding operations at the Site. The results of the interviews are included throughout the report as appropriate.

5.2 Site Features and General Reconnaissance Observations

The Site is located in a commercial and industrial use area in in Maspeth Queens, New York.

Site Use

The Site is current unoccupied, previous tenants are described in Section 2.3.

Structures

There are three main buildings on the Site, as previously described in Section 2.2.

Overall Condition / Upkeep

The buildings were in overall poor condition for their approximate age of fifty-four years old. The 57-57 building interior was not included in reconnaissance due to a misplaced key. Therefore, interior conditions of this building are not available.

57-00 Building

The roof is in disrepair within the northwestern and southeastern ends of the building. Interior fitted areas are also equally in poor condition and have not been maintained. A potential mold issue is evident within the southeastern office space. Some cracks were identified within the building slab. Paint was peeling throughout the building. Large quantities of paint was peeling and bubbling within the southeastern office area due to a roofing issue. Staining was identified throughout the garage space, however these stains were identified within areas of competent concrete floors.

57-05 Building

The roof was in disrepair within the southeastern garage bay. Some cracks were identified within the building slab and paint was peeling throughout the building. Staining was identified throughout the garage space, however these stains were identified within areas of competent concrete floors.

Odors

Odors were not observed within the 57-00 and 57-05 buildings or within all accessible exterior areas on the Site.

Pools of Liquids

No pools of liquid were observed.

Pits, Ponds, or Lagoons

Ponds or lagoons were not observed. However, three pits were identified.

57-00 and 58-20 Parcels

A pit was identified within a concrete structure within the northeastern end of the Site, this pit may be a sewer ejector or sump pit. An additional pit was identified within a mechanical room on the first floor office area (northeastern corner). The pit had a metal cover and was two feet by two feet and approximately three feet deep. This pit appears to be a sewer ejector pit.

Additionally, two mechanic pits were identified within the northeastern end of the garage area. North of this area a concrete filled and a metal plate were identified two additional mechanic pits.

57-05 Parcel

A pit was identified within a utility closet on the southwestern end of the building. The pit was covered with a metal plate that was unable to be removed. This pit is also believed to be a sewer ejector pit.

Stained Soil and/or Surfaces

Stains were identified on competent asphalt and concrete within and outside the 57-00 building. Additionally, staining was identified within a room formerly containing oil ASTs (57-00 building). The AST room also had staining on competent concrete. Staining was identified within the 57-05 building garage bay area on competent concrete. Staining was not identified within exterior areas of the 57-57 parcel.

Stressed Vegetation

Stressed vegetation was not identified on the Site.

Abandoned Equipment / Waste

Langan did not observe abandoned equipment or waste with the exception of general municipal dumpster bins on the 57-00 parcel.

5.3 Storm Water

Storm Drain Catch Basins

Storm drains were identified on the Site; details are included below. Conventional catch basins were not identified. See the description below for a non-conventional catch basin located on the 57-00 parcel. Drainage features are depicted on **Figure 2**.

57-00 and 58-20 Parcels

A storm water collection system is located on the southwestern end of parcel 57-00. Three storm water drains collecting parking area runoff are located on the southern end of the parking area. Storm water is then collected within a storm water vault which holds the water while it percolates into the ground. This system does not allow storm water runoff to enter Newtown Creek through a point source discharge. The storm water collection system was installed sometime between 2002 and 2010 as indicated by the Site contact. Outdoor trench drains are located along the northeastern end of the building. According to Mr. Lamanna, these drains do not discharge, rather evaporate over time from the drain.

57-05 Parcel

Three storm drains are located on this parcel. Storm water from these drains discharges to the public storm sewer line located in 47th Street. The nearest outfall for this storm sewer is the terminus of 58th Road. During site reconnaissance, an excessive amount of silt was identified surrounding the storm drain located on the northeastern end of the parcel.

57-57 Parcel

Storm drains were not identified on the parcel, however there is one located within the sidewalk south of the building. The discharge point of this sidewalk street drain is assumed to be the storm sewer.

Other Water Drainage Management Features

Additional drainage management features were not identified.

5.4 Material & Waste Storage

The Site is currently vacant with most operational material and waste removed. The only remaining material associated with prior operations is an approximate 1,000- cubic yard stockpile

of recycled concrete aggregate (RCA). Formerly, there was an oil storage room within the southwestern end of the 57-00 building. It appears this room formerly contained waste oil and diesel oil in ASTs and/or various containers. A 1-gallon container of paint was identified within this area. Two dumpsters with construction-like debris were located on the 57-00 parcel on the western and northern sides of the parcel.

Other notable items remaining on the 57-00 parcel include three 55-gallon drums located inside an inaccessible garage bay on the northwestern end of the 57-00 building. The contents and condition of these drums are unknown due to limited access to this garage bay. A 55-gallon unlabeled drum was also located outside the northwestern garage bay, this drum was in good condition without staining/evidence of leaks.

A locked shipping crate was identified on the southern end of the 57-05 parcel. Contents of this container are unknown, however staining was not identified below the container.

5.5 Storage Tanks

On the 57-00 parcel, an approximate 550-gallon outdoor portable AST on a sled containing an unknown amount of unknown liquid is located north of the former oil room, which is located on the western end of the building. It appears there were formerly at least two ASTs (unknown capacities and contents) inside this room. Fill and vent ports were observed exiting the northern room wall.

According to the NYSDEC, four USTs and three ASTs were formerly located on the 57-00 parcel; a summation is below. All of these tanks are registered as having been removed. Currently there are no ASTs or USTs remaining on-site with the exception of a portable AST on a sled described above this table.

Former ASTs and USTs at the 57-00 Parcel				
Tank No.	**Tank Type**	**Capacity (Gallons)**	**Contents**	**Closure Date**
2	AST	180	Used Motor Oil	Unavailable
3	AST	180	Used Motor Oil	Unavailable
005	AST	6,000	No. 2 Heating Oil	March 8, 2006
001	UST	4,000	Diesel	September 19, 2013
002	UST	4,000	Other	December 1, 1998

Former ASTs and USTs at the 57-00 Parcel				
Tank No.	**Tank Type**	**Capacity (Gallons)**	**Contents**	**Closure Date**
003	UST	4,000	Other	December 1, 1998
004	UST	1,080	Other	December 1, 1998

Parcel 57-00 formerly contained a UST on the southeastern area of the Site, this is included in the table above as Tank No. 001. The UST was removed in 2013. The UST may have been associated with former diesel and/or gasoline pumps. Once the UST was removed, contaminated pea gravel was identified within the tank vault. A spill was reported to the NYSDEC in association with this removal (Spill No.13-06438). The spill was remediated and the case was closed with the NYSDEC administratively in 2014. Additional information on this incident are discussed in Section 4.8.

A UST located on parcel 57-00 failed tank tightness test in 2007, prompting reporting to NYSDEC (Incident No. 07-09978). Upon further evaluation, it was determined this failure was due to a vent line. The case was subsequently administratively closed with the NYSDEC in 2007.

At the 57-05 parcel, there is a record of one 4,500-gallon diesel UST was identified in the EDR database. The tank was reportedly installed on June 1, 1982 and removed December 1, 1998. Additional documentation regarding UST condition once removed was not reported.

USTs were removed from the 57-57 parcel in January 1999, the number, size and contents are unknown. Following removal of the tanks, gasoline impacted soil was identified. This prompted the reporting of the incident with the NYSDEC (Incident No. 98-12248). Records indicate the NYSDEC closed this case administratively in 2006. Additional documents were not available for review related to this soil cleanup.

5.6 Wastewater Discharges

Septic Systems

Langan did not observe indicators of septic systems at the Site during the reconnaissance.

Wastewater

Regular wastewaters, including water from sinks and toilets, are discharged to the city sanitary sewer system.

Floor Drains

57-00 and 58-20 Properties

Trench drains extend across the majority of the garage space on the northern and southern ends of the garage building. Additional drains were identified within the garage of this building. On the northern and southern ends of the building near the trench drains, a metal plate was identified. The southern plate was unable to be opened due to denting. The northern plate opened, beneath this plate were dirt and sludge material. According to Mr. Lamanna, excess drainage water from the trench drains flow into these metal covered boxes. However, pipes were not identified within the northern box. According to Mr. Lamanna, liquids within the trench drains do not exit the building . Sludge and oily material was located within and adjacent to the southern trench drain.

A drainage grate with a ventilation hood was also identified within the northeastern end of the office area. The drainage grate was associated with the concrete laboratory operations. A mixture of powder and dried concrete was identified below the grate. A geophysical report from NOVA dated July 19, 2021 indicated that this drain is attached to outdoor trench drains north of this indoor drain.

57-05 Parcel

A trench drain was identified along the western end of the northern garage bay. A former slop sink outlet is discharging to this trench drain.

5.7 Air Emissions

Langan did not observe air emissions at the time of the site reconnaissance. However, exhaust vents for boilers were observed on the 57-00, 57-05, and 57-57 building roofs.

5.8 PCBs

Langan observed one pole mounted transformer within the 47th Street right-of-way adjacent to the 57-57 parcel.

5.9 Groundwater Wells

Langan did not observe irrigation, industrial water supply wells, or monitoring wells at the Site during the reconnaissance.

5.10 Other

A potential oil water separator was identified within the southern end of the 57-00 parcel garage space. This determination was based upon the location of a steel plate near a trench drain along the southern end of the garage bay. A geophysical completed as part of the Langan July 2021 Phase II ESI identified piping leaving this area and connecting to a nearby storm drain. The storm drain discharge location is the storm water discharge vault on the southern end of the parcel.

6.0 ENVIRONMENTAL RECORDS REVIEW

6.1 Federal and State Database Review

Langan reviewed an environmental database search report, prepared by EDR, for the Site and surrounding area. The EDR report is a listing of properties identified on select federal and state standard source environmental databases within the approximate search radius specified by ASTM E1527-13. This information is reported to Langan by EDR, and to EDR by government sources; therefore, neither Langan nor EDR can verify the completeness or accuracy of the database information. Langan reviewed reported information on a record-by-record basis to estimate if certain sites identified in the report are suspected to represent a potential impact to the Site. The EDR search covered approximately 115 databases applicable to this area of New York. A copy of regulatory database information provided by EDR is included in **Appendix C**.

The following summary table lists the number of properties by database within the prescribed search radius appearing in the EDR Radius Map Report:

Database	Minimum Search Area	Target Site Listed	Cases Within Search Area
Federal			
National Priorities List (NPL)	1 Mile	No	1
Delisted NPL	1 Mile	No	0
Resource Conservation Act Management System (SEMS, formerly CERCLIS and SEMS- Archive (formerly known as CERCLIS-NFRAP)	½ Mile	No	6
Resource Conservation and Recovery Act (RCRA) Corrective Reports (CORRACTS)	1 Mile	No	0
RCRA Treatment, Storage, and Disposal Facilities (TSDF)	½ Mile	No	0
RCRA Generators (Large Quantity Generator [LQG], Small Quantity Generator [SQG], Very Small Quantity Generator [VSQG], Conditionally Exempt Small Quantity Generator [CESQG], Non-Generators [Non-Gen])	Subject Property and Adjoining	Yes	3

Database	Minimum Search Area	Target Site Listed	Cases Within Search Area
Facility Index System (FINDS)	Subject Property and Adjoining	Yes	2
Environmental Response Notification System (ERNS)	Subject Property	No	0
Federal Engineering Controls (US ENG CONTROLS)	Subject Property	No	0
Federal Institutional Controls (US INST CONTROLS) Sites Lists	Subject Property	No	0
NYSDEC Databases			
Inactive Hazardous Waste Disposal Sites (SHWS)	1 Mile	No	19*
Solid Waste or Landfill Facilities (SWF/LF)	½ Mile	Yes	25
Leaking Storage Tanks (LTANKS)	½ Mile	Yes	39
SPILLS Information Database (NY SPILLS)	1/8 Mile	Yes	22
New York Engineering Controls (NY ENG CONTROLS) Sites List	Subject Property	No	0
New York Institutional Controls (NY INST CONTROLS) Sites List	Subject Property	No	0
NY Voluntary Cleanup Program (VCP)	½ Mile	No	2
NY Brownfields	½ Mile	No	1
Solid Waste Disposal Sites Registered Recycling Facilities List (SWRCY)	½ Mile	No	12
Chemical Bulk Storage (CBS) Underground Storage Tank (UST) and Aboveground Storage Tank (AST) Databases	Subject Property and Adjoining	No	0
Major Oil Storage Facilities (MOSF) UST and AST Databases	Subject Property and Adjoining	No	0
Registered and Historical Drycleaners (NY DRYCLEANERS) and Cleaners	¼ Mile	No	0
Petroleum Bulk Storage (PBS) Facilities UST and AST Databases	Subject Property and Adjoining	Yes	8
EDR Proprietary Databases			
EDR Former Manufactured Gas Plant (MPG) Sites	1 Mile	No	3
EDR US Historical Auto Stations	1/8 Mile	No	0
EDR US Historical Cleaners	1/8 Mile	No	0
Other Ascertainable Databases			
ECHO	1/8 Mile	Yes	1

*Quantities include Orphan listings

A description of the reviewed databases is provided in the EDR Radius Map Report **(Appendix C)**. A summary of Site database listings and other properties identified within the prescribed search area is presented below.

6.1.1 Site Listings

A summary of the Site listings is included below.

57-00 Parcel

NY Spills

This database consists of NYSDEC reported spills, there were four reported spills on the 57-00 parcel. Below is a summation of these spills:

- 13-06438 (Commercial Property): Reported September 19, 2013 when diesel contaminated soil and pea gravel were identified within a UST tank vault during removal of the 4,000-gallon UST. Additional information is included in Section 4.8.

- 08-08170 (5700 Maspeth Avenue LLC): Reported October 21, 2008; caller stated property was illegally operating a fueling station. Additionally it was reported that the property was illegally storing petroleum and had petroleum releases. A limited subsurface investigation was reportedly completed in 2009 consisting of six soil borings. Approximately 381.04-tons of petroleum impacted soil was reportedly excavated and removed from the site in 2010. Post remediation soil and groundwater samples reportedly confirmed the spill was remediated to the satisfaction of the NYSDEC. The spill was administratively closed on October 27, 2012.

- 97-09690 (Island Transportation): Reported November 20, 1997 following the release of an unknown volume of diesel oil onto soil. Additional remedial information was not available. The spill was administratively closed by the NYSDEC on January 8, 1998.

- 94-11004 (Maspeth Avenue LLC): Reported November 17, 1994 following the release of an unknown volume of gasoline. Additional remedial information was not available. The spill was administratively closed by the NYSDEC on November 17, 1994.

SWF/LF

This database is an inventory of solid waste disposal facilities or landfills. The Site was identified within this database and details are below.

- Activity No. 41W64 (Pebble Lane Associates LLC): Solid waste landfill associated with asphalt, brick, rock, clean soil, ferrous and non-ferrous metals, construction, and demolition debris. Registered with these operations beginning April 2009.

- This listing is associated with the former on-site concrete recycling operations.

LTANKS

This database is an inventory of reported UST and AST leaks and incidents. The Site was identified within this database and details are below.

- 07-09978 (Island Trans Corp): Reported December 18, 2007 following the failure of a UST tank tightness test. Further evaluation identified that the vent line failed due to a loose fitting. Evidence of a petroleum contamination was not identified. The spill was closed December 28, 2007.

PBS UST and AST Database

This database is a record of registered USTs and ASTs. Findings from this database are summarized in Section 5.5.

ECHO/FINDS Database

These databases are a record of "pointers" to other sources and databases that contain additional details. These databases directed to the Site listed under the National Pollution Discharge Elimination System (NPDES) permit in August 2009.

57-05 Parcel

UST Database

This database includes USTs registered to properties. Findings from this database are summarized in Section 5.5.

57-57 Parcel

NY Spills

This database consists of NYSDEC reported spills, there was one reported spills on the 57-57 parcel. Below is a summation of this spill:

- 98-12248 (Boro Lumber): Reported January 4, 1999 following a gasoline discharge while removing a UST. In 2006, it was reportedly determined that the cleanup was adequately performed. The spill was administratively closed by the NYSDEC on July 12, 2006.

RCRA Generator

The Site was inaccurately included in the RCRA generator list, additional site-specific records were not available for this database. This listing is believed to be not associated with the Site due to the RCRA generator listed address. The address for the RCRA generator is 55-80 47th Street.

6.1.2 Neighboring Property Listings

Langan reviewed the EDR listings of off-site facilities exhibiting the greatest likelihood to represent potential environmental concerns to the Site. The Langan July 2021 Phase II ESI identified groundwater impacts with MTBE. No other petroleum constituents or hazardous substances of environmental concern were identified in groundwater at the Site. Thus, upgradient, off-site listings that pertain to things other than gasoline or MTBE are not considered of environmental concern to the Site.

The following properties adjacent to the Site, or locations in the near vicinity of the Site may be of environmental concern:

Newtown Creek- West adjoining property

USEPA ID: NYN000206282

The Newtown Creek is list adjacent to the 57-00 parcel property line. The Creek was added to the USEPA National Priority List in 2010 and remains as such. Former nearby heavy industrial operations dating back to the 1800s contaminated the creek. Contributing industrial operations include petrochemical refineries, miscellaneous factories, and coal yards are some of the contributors. A remedial investigation is underway for the entire creek and a focused feasibility study is currently being prepared regarding a combined sewer outfall long term control plan. This adjoining property has a potential to affect soil and/or groundwater on the Site.

NYC Department of Sanitation Garage (52-35 58th Street)- North adjoining property

RCRA Non-Generator USEPA ID: NYR000076083

The sanitation garage is listed for the generation of ignitable waste (D001) and spent non-halogenated solvent between 2000 and 2007.

At Lite/Molloy Brothers (57-47 47th Street)- East adjoining property

RCRA Very Small Quantity Generator USEPA ID: NYR000076083 and UST Database

This site is listed as generating ignitable and corrosive wastes between 2000 and 2007. This property is not listed as currently generating federally regulated wastes. Additionally, a 5,000-gallon UST was abandoned in place. A 3,000-gallon No. 2 heating oil AST remains in use at the property. A petroleum like substance was reported within a sump inside the building. The spill was determined to be minor and cleaned up, the case was later closed. Due to the quantity of waste associated with operations, they are not expected to affect the Site.

Boro Timber Co (57-45 47th Street)- East adjoining property

UST Database ID 13611

The property formerly had three 4,000-gallon USTs which were abandoned in place. Two of the USTs were diesel and the third tank was gasoline. All USTs were removed from the NYSDEC database in 1998. A spill was not reported for this property in association with these USTs.

6.1.3 Orphan Listings

According to EDR, an orphan listing is a property that cannot be mapped due inadequate address information. There were sixteen orphan listing identified by the EDR search. These listings were researched to determine if they were associated with the Site. All the orphan listings were determined to not be associated with current or former Site operations.

6.2 Local Agency Review

Inquiries were sent to the NYCDEP, NYC Department of Buildings, Public Works, FDNY, NYC Department of Planning, NYSDEC, NYS DOH, and EPA. Key findings include:

- Three reports were received for the 57-00 parcel. See Section 4.8 for a NYSDEC FOIA request summation.

To date, incomplete responses or lack of information notifications were received from NYC Department of Buildings, NYC Public Works, NYC Department of City Planning, NYSDOH, and EPA. Copies of FOIA responses which were not previously included are provided in **Attachment E10, Appendix E**.

7.0 SUPPLEMENTAL CONSIDERATIONS

7.1 Wetlands

No evidence of wetland characteristics such as hydrophilic soil or associated vegetation was observed during the site reconnaissance. However, an ACO was issued to the 57-00 and 58-20 parcels to compel the property owner to re-establish and protect a tidal wetland and vegetative buffer on the western ends of these parcels. Newtown Creek is located western adjacent to the Site, this is a tributary to the East River. A wetlands figure is included as **Figure 2, Appendix A**.

7.2 Asbestos

Potential ACM building materials were identified within the subject buildings during the site reconnaissance. An asbestos survey was completed in November 2021 for the on-site buildings. One-hundred and fifty-nine (159) samples were collected from accessible areas during the pre-demolition asbestos survey.

The ACM Surveys identified the following confirmed and/or presumed ACM:

Material	Location	Survey Results	Estimated Quantity of ACM
57-00 47th Street			
Expansion wall joint caulk	Perimeter walls	ACM	15 SF
Roof flashing	Main Roof	ACM	500 SF
Duct membrane/mastic	Main Roof	ACM	150 SF
Roof flashing	Lower Roof	ACM	170 SF
Suspect flooring materials (floor tiles/mastic, floor coverings, etc.), thermal system insulation, miscellaneous and surfacing materials	Shop NW Section (no access for the NW Garage section which encompasses approx 20% of the floor)	Assumed ACM	TBD
57-05 47th Street			
Floor tile/mastic under ceramic flooring	Office Area	ACM	700 SF
Built-up roof and flashing materials	Roof	Assumed ACM	5,100 SF
57-57 47th Street			
9" square floor tile and mastic	Adjacent to Rear Freezer and inside Built-in Freezer	ACM	65 SF
Mastic on exhaust vent	Roof	ACM	5 SF
Roof flashing	Roof	ACM	350 SF

A description of the pre-demolition asbestos survey sampling and results for the on-site buildings are presented in the *Hazardous Materials Survey Report* dated December 2021.

7.3 Lead-In-Paint

The use of lead in household paint was banned by the U.S. Environmental Protection Agency (EPA) effective January 1, 1978. The EPA and the U.S. Department of Housing and Urban Development (HUD) consider lead-based paint as containing a lead concentration equal to or greater than 1.0 milligram per square centimeter (mg/cm²) or 0.5% lead by weight, as defined by Title X of the 1992 Housing and Community Development Act.

A lead in paint survey was completed at the Site in November 2021 using a handheld X-ray fluorescent (XFR) analyzer. Results from the XRF screening conducted at the Site revealed that the red paint on the metal columns by the shutter doors at 57-00 47th Street contained lead in excess of 1.0 mg/cm^2: Overall, the painted surfaces in accessible building spaces were observed to be in fair condition. A description of the lead in paint survey results for the on-site buildings are presented in the *Hazardous Materials Survey Report* dated December 2021.

7.4 Lead-In Drinking Water

Lead has historically been used in pipes, solder, and fittings used in water distribution systems and building plumbing. In 1986, EPA banned the use of lead at concentrations exceeding 0.2% lead in solder and 8% lead in other plumbing fittings. The EPA action level for lead in public drinking water is 0.015 parts per million (ppm) or 15 parts per billion (ppb).

The NYCDEP provides drinking water service for the subject property. System-wide lead screening of the water is performed by the NYCDEP. The water supply is reportedly in compliance with the USEPA's Lead and Copper Regulations.

7.5 Radon

The subject property is located in Zone 3 (Low Radon Potential) per the USEPA's Map of Radon Zones. According to the EDR Report, 563 radon tests were conducted in Queens county basements with results indicating 544 basements contained radon concentrations less than 4 pCi/L, which is the USEPA action level for mitigation. Based on the non-residential use scenario, it is Langan's opinion that radon impacts to the subject buildings are unlikely.

7.6 Mold

Langan observed indicators of mold during the site reconnaissance. Potential mold was identified within buildings with damaged roofs on parcels 57-00 and 57-05.

8.0 FINDINGS AND RECOMMENDATIONS

Langan's findings from the Phase I ESA are summarized below.

8.1 Known or Suspect RECs and BERs

REC 1 – Historical Site Use

Industrial/commercial operations at the Site date back to the 1800s and include an oil depot with petroleum bulk storage (circa 1914 to 1936), fertilizer/glue manufacturing (circa 1897 to 1914), and vehicle maintenance (circa 1982 to 2006). Various petroleum underground storage tanks (USTs have historically been located on three of the four parcels (UST records were not available for review for 58-20). UST-related leaks have been reported on two of the four parcels (on Parcels 57-00 and 57-57). Although these leaks are closed with the NYSDEC, closure reports were not available from NYSDEC for all of the reported incidents.

More recently, the 57-00 and 58-20 parcels formerly operated as a concrete recycling facility; the facility also accepted other demolition debris (circa 2004 and 2021). Additionally, a concrete laboratory historically operated on the 57-00 parcel (circa 2004 and 2021). Concrete testing laboratories historically have included chlorinated solvents in the operations..

REC 2 – Newtown Creek Superfund

The Newtown Creek is adjacent to the 57-00 and 58-20 parcel western property lines. The creek was added to the USEPA National Priority List in 2010 and remains as such. Former heavy industrial operations in the vicinity of Newtown Creek dating back to the 1800s have impacted the sediments and groundwater in the Creek.. A remedial investigation is currently underway for the Creek. Additionally, a focused feasibility study is currently being prepared regarding a combined sewer outfall long term control plan.

Newtown Creek has the potential to impact on-site soil and groundwater through tidal fluctuations and sediment deposition along the bank of the Creek.

REC 3 – On-Site Storm Water Vault & Oil/Water Separator

The geophysical survey associated with a Phase II Environmental Site Investigation prepared by Langan and dated July 2021 (the Langan July 2021 Phase II ESI) identified a potential oil/water separator and piping suggesting that the trench drains discharged to an on-site

storm water vault on the southwestern end of the 57-00 parcel. Concrete slabs cover the storm water vault and piping, therefore the presence of both the discharge piping and the vault could not a be field verified during the site reconnaissance.

REC 4 – Methyl Tert-Butyl Ether (MTBE) in Groundwater

During the Langan July 2021 Phase II ESI, methyl tert-butyl ether (MTBE) was detected in a groundwater sample collected from the northeastern corner of Parcel 57-05. MTBE is a gasoline additive (used since the 1980s) to aid in increasing octane and oxygen levels in gasoline to lower pollution emissions.

HREC 1- Closed Petroleum Spills

The Site has six NYSDEC reported spills which were all administratively closed. A summary of information provided in the Spills section of the EDR report is included below:

- NYSDEC Spill No. 94-11004 was reported November 17, 1994 due to the release of an unknown volume of gasoline. The spill was administratively closed on November 17, 1994. This incident occurred at the 57-00 parcel.
- NYSDEC Spill No. 97-09690 was reported November 20, 1997 after the release of an unknown volume of diesel fuel on soil. No further information regarding the spill was provided. The spill was administratively closed on January 8, 1998. This incident occurred at the 57-00 parcel.
- NYSDEC Spill No. 98-12248 was reported on January 4, 1999 after petroleum impacted soil was identified during the removal of a UST. Petroleum impacted soil was removed and endpoint samples were collected. The spill was remediated to NYSDEC satisfaction and was administratively closed on July 12, 2006. The incident occurred at the 57-57 parcel while under the Boro Lumber Company occupancy.
- NYSDEC Spill No. 07-09978 was reported after a UST failed a tank tightness test on December 18, 2007. The tank lines were re-tested and it was determined that the vent line failed due to a loose fitting. According to a NYSDEC obtained report, evidence of petroleum impacts to the subsurface were not identified by Larry E. Tyree Co., Inc. (the contracted environmental services provider of the Site occupant). The spill was administratively closed on December 28, 2007 following report submission by Larry E. Tyree Co. This incident occurred at the 57-00 parcel.
- NYSDEC Spill No. 08-08170 was reported October 21, 2008 after the report of an active release of petroleum substances and illegal storage and refueling of vehicles. A limited subsurface investigation was reportedly completed in 2009 that identified petroleum impacts in soils from surface grade to about eight feet below grade surface. About 381.04 tons of petroleum impacted soil was reportedly excavated and disposed

of in 2010. Documentation of soil and groundwater samples collected post remediation reportedly confirmed that the spill was remediated to the satisfaction of the NYSDEC. The spill was administratively closed on October 27, 2012. This incident occurred at the 57-00 parcel.

- NYSDEC Spill No. 13-06438 was reported on September 19, 2013 after diesel impacted soil and pea gravel was identified in a tank vault during the removal of a 4,000-gallon UST. A closure report summarizing the remedial work and analytical data was reportedly prepared for NYSDEC. The spill was remediated to the satisfaction of the NYSDEC and the spill was administratively closed February 12, 2014. This incident occurred at the 57-00 parcel.

BER 1- Historic Fill

Previous report submittals contain reported field conditions identifying the presence of fill material on the Site. Field conditions identified historic fill material (i.e. brick, gravel, concrete, and wood) in soil borings completed as part of the Langan July 2021 Phase II ESI. Historic fill was also identified during other previous environmental investigations reviewed for this Phase I ESA. Laboratory results from soil and groundwater samples collected on the Site indicate the presence of typical historic fill constituents (i.e. polycyclic aromatic hydrocarbons [PAHs] and Metals).

Historical topographic maps indicate historic fill was deposited within the region sometime prior to the 1900s. Historical aerials depict a dark fill material spread onto lighter underlying soils on the 57-00 and 58-20 parcels in the early 1950s. Elevated PAHs and Metals pose a potential BER if future grading is planned, likely requiring a Soil Management Plan (SMP).

BER 2- Trench Drains & Oil/Water Separator

Trench drains were identified within the 57-00 and 57-05 parcel maintenance garage bays.

- Within the 57-00 parcel garage, trench drains were identified running along the northern and southern ends of the building. Metal plate-covered boxes were also identified near the trench drains on the northern and southern ends of the building. The representative for the property owner stated these boxes were associated with receiving liquids from the trench drains, however piping was not identified within these boxes during site reconnaissance. An oil/water separator was also observed near the trench drain along the southern side of the building. According to a geophysical report prepared as part of the Langan July 2021 Phase II ESI, the northern and southern trench drains appear to connect to a nearby storm drain in the southern parking area. This storm drain discharges to the

on-site storm water vault.

- A trench drain connected to a slop sink was identified within a garage bay in the northern part of the building on the 57-05 parcel. The discharge location of this trench drain is unknown.

BER 3 - RCA Pile

During Langan's site reconnaissance on November 2, 2021, an approximate 1,000 cubic yard stockpile of recycled concrete aggregate (RCA) was observed on the northeastern portion of the 58-20 parcel. The stockpiled material appears related to the former concrete processing/recycling operations at the Site. The RCA pile is considered a BER since the source and environmental conditions of this material is unknown and it will need to be characterized and removed prior to Site redevelopment.

BER 4 - Administrative Consent Order

In April 2021, the NYSDEC imposed an administrative consent order (ACO) on the property. The ACO was imposed due to a tidal wetlands buffer requirement along Newtown Creek, which is western and adjacent to the 57-00 parcel. The ACO was filed with the property deed, and included provisions that structures cannot be erected on this area of Parcels 57-00 and 58-20. Additionally, a tidal wetland buffer vegetated area must be maintained by current and future occupants.

BER 5 – Asbestos Containing Materials (ACM), Lead-in-Paint and Mold

Asbestos and lead-in paint surveys were completed by Langan at the Site in November 2021, which identified confirmed and/or presumed ACM associated with the on-site buildings. Lead-in-paint was also identified red paint on the metal columns by the shutter doors on Parcel 57-00. A description of the asbestos and lead-in-paint survey results are presented in the *Hazardous Materials Survey Report* dated December 2021.

Langan observed indicators of mold during the Phase I ESA site reconnaissance on November 2, 2021. Potential mold was identified within buildings with damaged roofs on Parcels 57-00 and 57-05.

One de minimis condition was identified during site reconnaissance in the form of petroleum-like staining which was identified throughout parcel 57-00 within the interior warehouse space, near

mechanic pits, trench drains, and within the former AST room. This condition was also identified on the 57-05 parcel interior space, truck bays, and exterior paved parking areas. Surficial cracks, joints, or exposed soils were not identified within the staining areas. Staining identified within the former AST room was within a secondary containment concrete block treated with specialized concrete purposed to not allow leaking.

8.2 Other Items

Other items were not identified during file review and site reconnaissance.

8.3 Conclusion

Langan conducted the Phase I ESA with a standard of care consistent with commercial and customary practices and with ASTM E1527-13. Historical Site use, close proximity of an EPA Superfund site on the NPL adjacent to the Site, the on-site storm water vault potentially receiving trench drain liquids, and the MTBE groundwater exceedance indicate a further evaluation of Site conditions is prudent. Specifically, soil and groundwater investigation work is recommended to be able to understand the magnitude of environmental risk associated with overall Site ownership and future redevelopment.

REFERENCES

The sources below were referenced during the performance of this Phase I ESA:

Guidance Documents

ASTM E 1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

40 CFR Part 312, Standards and Practices for All Appropriate Inquiry, Federal Register, Volume 70, Number 210 dated 1 November 2005.

Databases / Online Information

NYC Planning ZoLa Land Use Online Map. https://www1.nyc.gov/site/planning/zoning/index-map.page

FEMA, Flood Map Service Center map and online database, https://msc.fema.gov/portal

NYC Department of Finance Automated City Register Information System (ACRIS) Online. https://a836-acris.nyc.gov/CP/

United States Environmental Protection Agency (USEPA), EPA Radon Zones (with State Information), https://www.epa.gov/radon/find-information-about-local-radon-zones-and-state-contact-information#radonmap/

USEPA, MyProperty online database, https://enviro.epa.gov/facts/myproperty/

Reports / Work Products

Langan. Phase I Environmental Site Assessment. 57-00, 57-05, 57-57, and 58-20 47th Street, Maspeth, Queens, New York. 21 July, 2021.

Langan. Phase II Environmental Site Investigation. 57-00, 57-05, 57-57, and 58-20 47th Street, Maspeth, Queens, New York. 26 July, 2021.

NYSDEC. Order of Consent R2-20210416-53, 58-20 47th Street, Maspeth, NY (Block 2601, Lot 1) and 57-00 47th Street, Maspeth, NY (Block 2601, Lot 6). April 2021.

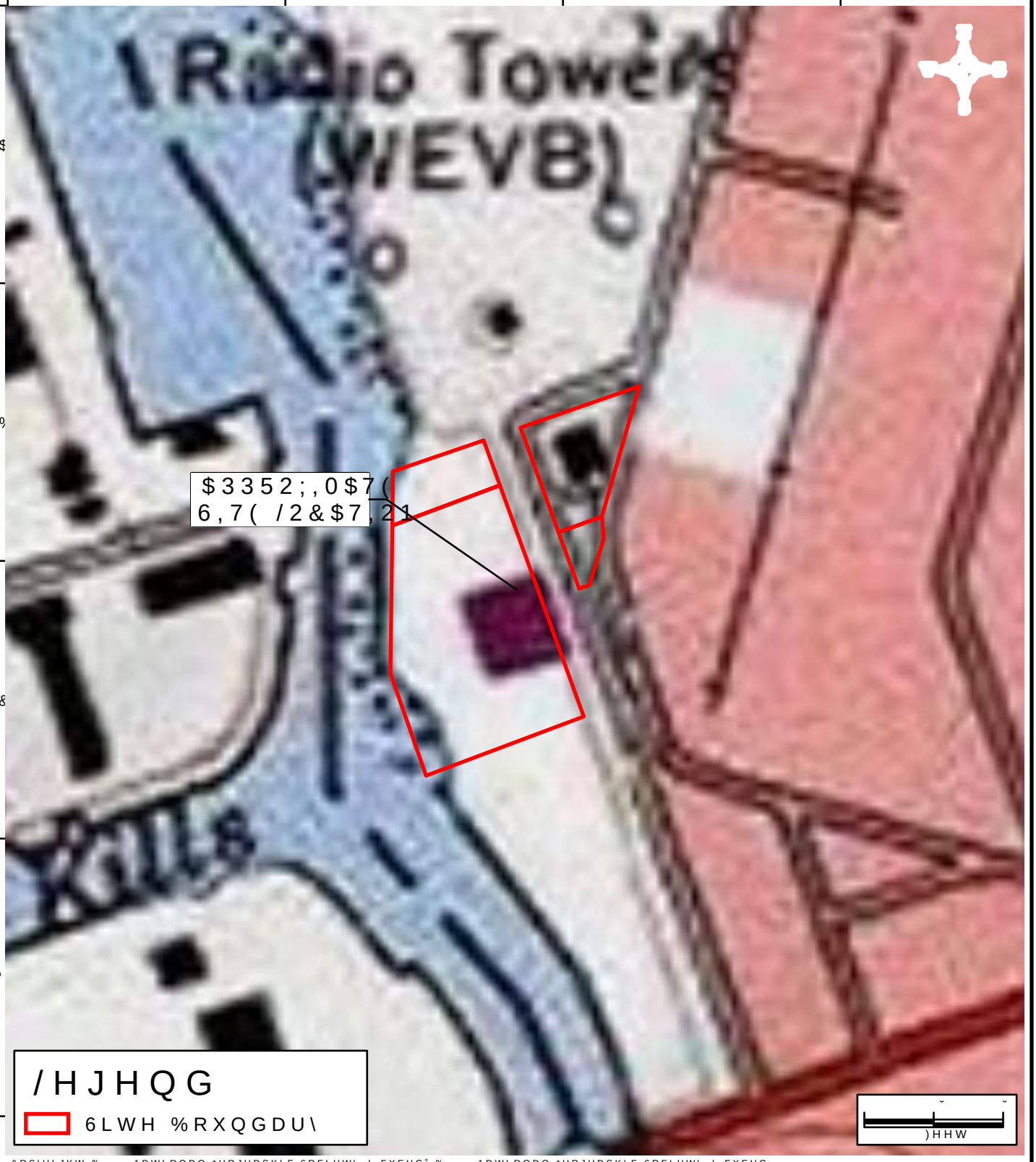
Preferred Environmental Services. Diesel Fuel Spill Remediation – Spill No. 13-06438. Industrial Property 57-00 47th Street, Maspeth New York. 5 December, 2013.

The Tyree Organization, LTD. Tightness Test Records. 5700 47th Street, Maspeth, New York. 28 December, 2007.

Taylord Environment, Inc. Soil Boring Summation Letter. 57-00 47th Street, Maspeth, New York. 20 August, 2012.

Environmental Data Resources, Inc. (EDR). – Environmental Database Search Report: 57-00, 58-20, 57-05, and 57-57 47th Street, Maspeth, New York 11378.
The EDR – Radius Map™ Report with GeoCheck® dated 4 November, 2021;
The EDR – Aerial Photo Decade Package dated 4 November, 2021;
The EDR – Historical Topographical Map Report dated 4 November 2021;
The EDR – Certified Sanborn® Map Report dated 4 November 2021; and

APPENDIX A
FIGURES



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47th Street Site
57-00, 57-05, 57-57, and
58-20 47th Street

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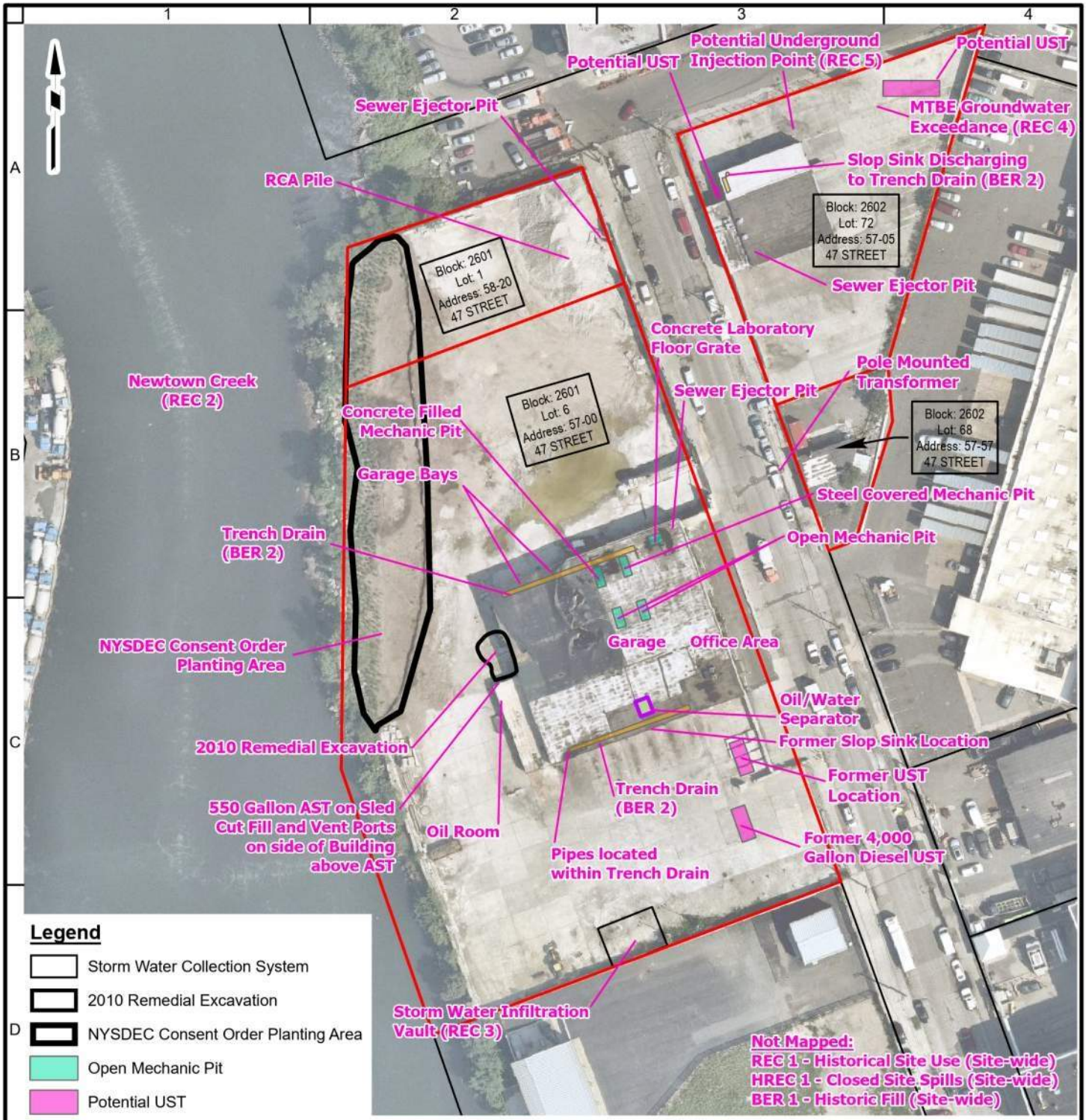

Notes:
1. World aerial imagery basemap is provided through Langan's Esri and ArcGIS software licensing and ArcGIS online.
2. All features are approximate.

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SCALE IN FEET

LANGAN
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Langan Engineering & Environmental Services, Inc.
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.
Langan International LLC

Collectively known as Langan

Project
47th Street Site
57-00, 57-05, 57-57, and 58-20 47th Street
MASPETH
QUEENS NEW YORK

Figure Title
SITE PLAN WITH ENVIRONMENTAL OBSERVATIONS

Project No.	100965501
Date	12/15/2021
Scale	1"=100'
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Figure No. 2

© 2021 Langan

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APPENDIX B
SITE VISIT PHOTOGRAPHS

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PHOTOGRAPHIC LOG-DRAFT

Photo #1 (11/02/2021)

Project:	**Location:**	**Project No.**
Phase I Report – Prologis, L.P.- 47th Street Property	57-00, 58-20, 57-05, and 57-57 47th Street Maspeth, Queens, New York	**100965501**

Date:
1/02/2021

Direction Taken:

Facing north.

Description:

Maintenance garage/office building located on 57-00 parcel.

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PHOTOGRAPHIC LOG-DRAFT

Photo #2 (11/02/2021)

Project:	**Location:**	**Project No.**
Phase I Report – Prologis, L.P.- 47th Street Property	57-00, 58-20, 57-05, and 57-57 47th Street Maspeth, Queens, New York	**100965501**

Date:
11/02/2021

Direction Taken:

Facing northwest.

Description:

Administrative Consent Order mandated wetland buffer plantings depicted on parcel 57-00.

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PHOTOGRAPHIC LOG-DRAFT
Photo #3 (11/02/2021)

Project:	**Location:**	**Project No.**
Phase I Report – Prologis, L.P.- 47th Street Property	57-00, 58-20, 57-05, and 57-57 47th Street Maspeth, Queens, New York	**100965501**

Date:
11/02/2021

Direction Taken:

Facing east.

Description:

Parcel 57-00 parcel northern garage bays.

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PHOTOGRAPHIC LOG-DRAFT
Photo #4 (11/02/2021)

Project:	**Location:**	**Project No.**
Phase I Report – Prologis, L.P.- 47th Street Property	57-00, 58-20, 57-05, and 57-57 47th Street Maspeth, Queens, New York	**100965501**

Date:
11/02/2021

Direction Taken:

Facing northwest.

Description:

Adjacent Newtown Creek depicted from 57-00 parcel.

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PHOTOGRAPHIC LOG-DRAFT

Photo #5 (11/02/2021)

Project: Phase I Report – Prologis, L.P.- 47th Street Property	**Location:** 57-00, 58-20, 57-05, and 57-57 47th Street Maspeth, Queens, New York	**Project No.** **100965501**

Date:
11/02/2021

Direction Taken:

Facing northeast.

Description:

Parcel 58-20 recycled concrete aggregate pile depicted.

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PHOTOGRAPHIC LOG-DRAFT

Photo #6 (11/02/2021)

Project: Phase I Report – Prologis, L.P.- 47th Street Property	**Location:** 57-00, 58-20, 57-05, and 57-57 47th Street Maspeth, Queens, New York	**Project No.** **100965501**

Date:
11/02/2021

Direction Taken:

Facing east.

Description:

Trench drains located along northeastern end of building on 57-00 property.

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PHOTOGRAPHIC LOG-DRAFT

Photo #7 (11/02/2021)

Project:	**Location:**	**Project No.**
Phase I Report – Prologis, L.P.- 47th Street Property	57-00, 58-20, 57-05, and 57-57 47th Street Maspeth, Queens, New York	**100965501**

Date:
11/02/2021

Direction Taken:

Facing northeast.

Description:

Indoor grate associated with concrete laboratory operations on parcel 57-00. A geophysical completed in July 2021 determined this grate is attached to trench drains in Photo #6 above.

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ENGINEERING & ENVIRONMENTAL SERVICES

PHOTOGRAPHIC LOG-DRAFT

Photo #8 (11/02/2021)

Project:	**Location:**	**Project No.**
Phase I Report – Prologis, L.P.- 47th Street Property	57-00, 58-20, 57-05, and 57-57 47th Street Maspeth, Queens, New York	**100965501**

Date:
11/02/2021

Direction Taken:

Facing northeast.

Description:

Mechanic pit located within the 57-00 parcel maintenance garage.

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PHOTOGRAPHIC LOG-DRAFT
Photo #9 (11/02/2021)

Project:	**Location:**	**Project No.**
Phase I Report – Prologis, L.P.- 47th Street Property	57-00, 58-20, 57-05, and 57-57 47th Street Maspeth, Queens, New York	**100965501**

Date:
11/02/2021

Direction Taken:

Facing southeast.

Description:

Southern trench drain located within the 57-00 maintenance garage. As per July 2021 geophysical report, piping extending outside and also to the west depicted. Piping potentially associated with oil water separator.

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PHOTOGRAPHIC LOG-DRAFT
Photo #10 (11/02/2021)

Project:	**Location:**	**Project No.**
Phase I Report – Prologis, L.P.- 47th Street Property	57-00, 58-20, 57-05, and 57-57 47th Street Maspeth, Queens, New York	**100965501**

Date:
11/02/2021

Direction Taken:

Facing southeast.

Description:

Petroleum-like staining identified in 57-00 parcel within former oil room on competent concrete.

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PHOTOGRAPHIC LOG-DRAFT

Photo #11 (11/02/2021)

Project:	**Location:**	**Project No.**
Phase I Report – Prologis, L.P.- 47th Street Property	57-00, 58-20, 57-05, and 57-57 47th Street Maspeth, Queens, New York	**100965501**

Date:
11/02/2021

Direction Taken:

Facing south.

Description:

Approximate 550-gallon AST on portable sled located north of former oil room on 57-00 parcel.

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PHOTOGRAPHIC LOG-DRAFT

Photo #12 (11/02/2021)

Project:	**Location:**	**Project No.**
Phase I Report – Prologis, L.P.- 47th Street Property	57-00, 58-20, 57-05, and 57-57 47th Street Maspeth, Queens, New York	**100965501**

Date:
11/02/2021

Direction Taken:

Facing northwest.

Description:

Trench drain located on northern end of 57-00 parcel maintenance garage.

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PHOTOGRAPHIC LOG-DRAFT
Photo #13 (11/02/2021)

Project:	**Location:**	**Project No.**
Phase I Report – Prologis, L.P.- 47th Street Property	57-00, 58-20, 57-05, and 57-57 47th Street Maspeth, Queens, New York	**100965501**

Date:
11/02/2021

Direction Taken:

Facing northeast.

Description:

Metal plate covered box associated with trench drain along northern end of the 57-00 parcel maintenance garage. According to property owner contact, box utilized to catch excess trench drain liquids.

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PHOTOGRAPHIC LOG-DRAFT
Photo #14 (11/02/2021)

Project:	**Location:**	**Project No.**
Phase I Report – Prologis, L.P.- 47th Street Property	57-00, 58-20, 57-05, and 57-57 47th Street Maspeth, Queens, New York	**100965501**

Date:
11/02/2021

Direction Taken:

Facing north.

Description:

57-05 Property depicted.

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PHOTOGRAPHIC LOG-DRAFT

Photo #15 (11/02/2021)

Project:	**Location:**	**Project No.**
Phase I Report – Prologis, L.P.- 47th Street Property	57-00, 58-20, 57-05, and 57-57 47th Street Maspeth, Queens, New York	**100965501**

Date:
11/02/2021

Direction Taken:

Facing north.

Description:

Slop sink connected to trench drain at the 57-05 parcel. The trench drain is located on the western end of the northern garage bay.

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PHOTOGRAPHIC LOG-DRAFT

Photo #16 (11/02/2021)

Project:	**Location:**	**Project No.**
Phase I Report – Prologis, L.P.- 47th Street Property	57-00, 58-20, 57-05, and 57-57 47th Street Maspeth, Queens, New York	**100965501**

Date:
11/02/2021

Direction Taken:

Facing northwest.

Description:

Trench drain located within the 57-05 parcel western end of northern garage bay.

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PHOTOGRAPHIC LOG-DRAFT
Photo #17 (11/02/2021)

Project:	**Location:**	**Project No.**
Phase I Report – Prologis, L.P.- 47th Street Property	57-00, 58-20, 57-05, and 57-57 47th Street Maspeth, Queens, New York	**100965501**

Date:
11/02/2021

Direction Taken:

Facing northeast.

Description:

Exterior of 57-57 building depicted.

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PHOTOGRAPHIC LOG-DRAFT
Photo #18 (11/02/2021)

Project:	**Location:**	**Project No.**
Phase I Report – Prologis, L.P.- 47th Street Property	57-00, 58-20, 57-05, and 57-57 47th Street Maspeth, Queens, New York	**100965501**

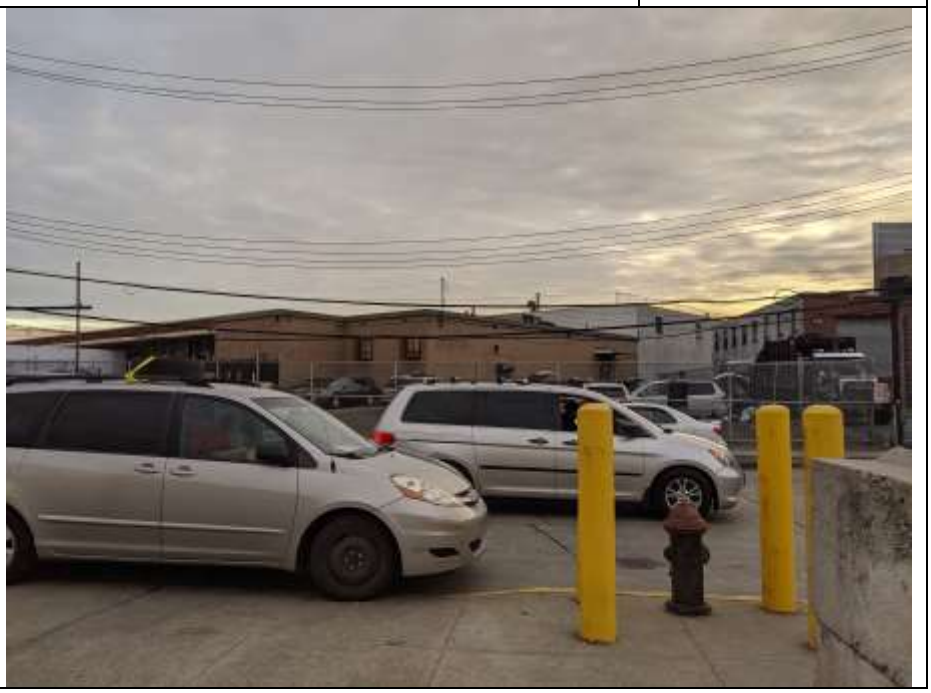
Date:
11/02/2021

Direction Taken:

Facing east.

Description:

Facing east of 57-00 parcel, 57-47 47th Street depicted.



LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES

PHOTOGRAPHIC LOG-DRAFT
Photo #19 (11/02/2021)

Project: Phase I Report – Prologis, L.P.- 47th Street Property	**Location:** 57-00, 58-20, 57-05, and 57-57 47th Street Maspeth, Queens, New York	**Project No.** **100965501**

Date:
11/02/2021

Direction Taken:

Facing northeast.

Description:

Facing east of 57-00 property, additional view of 57-47 47th Street depicted.

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PHOTOGRAPHIC LOG-DRAFT
Photo #20 (11/02/2021)

Project: Phase I Report – Prologis, L.P.- 47th Street Property	**Location:** 57-00, 58-20, 57-05, and 57-57 47th Street Maspeth, Queens, New York	**Project No.** **100965501**

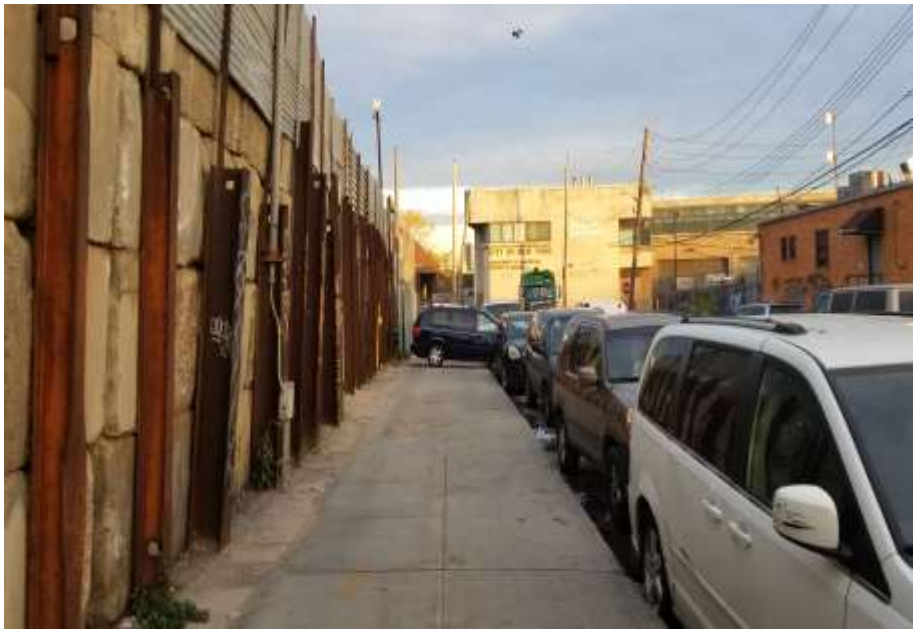
Date:
11/02/2021

Direction Taken:

Facing north.

Description:

Facing north on 57-00 parcel, terminus of 47th Street depicted.



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PHOTOGRAPHIC LOG-DRAFT
Photo #21 (11/02/2021)

Project:	**Location:**	**Project No.**
Phase I Report – Prologis, L.P.- 47th Street Property	57-00, 58-20, 57-05, and 57-57 47th Street Maspeth, Queens, New York	**100965501**

Date:
11/02/2021

Direction Taken:

Facing west.

Description:

Facing west towards Newtown Creek north of parcel 58-20.

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PHOTOGRAPHIC LOG-DRAFT
Photo #22 (11/02/2021)

Project:	**Location:**	**Project No.**
Phase I Report – Prologis, L.P.- 47th Street Property	57-00, 58-20, 57-05, and 57-57 47th Street Maspeth, Queens, New York	**100965501**

Date:
11/02/2021

Direction Taken:

Facing east.

Description:

Facing east from the 57-00 parcel facing 47th Street and the 57-05 parcel.

APPENDIX C
EDR DATABASE REPORT

APPENDIX D
HISTORIC RESEARCH DOCUMENTS

57-00, 58-00, 57-05, and 57-57 47th Street

57-00 47th Street

Maspeth, NY 11378

Inquiry Number: 6733413.8

November 03, 2021

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

11/03/21

Site Name:

57-00, 58-00, 57-05, and 57-57
57-00 47th Street
Maspeth, NY 11378
EDR Inquiry # 6733413.8

Client Name:

Langan Engineering
300 Kimball Drive, 4th Floor
Parsippany, NJ 07054-2172
Contact: Rebekah Diehl

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Search Results:

Year	Scale	Details	Source
2017	1"=500'	Flight Year: 2017	USDA/NAIP
2013	1"=500'	Flight Year: 2013	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1994	1"=500'	Acquisition Date: April 04, 1994	USGS/DOQQ
1991	1"=500'	Flight Date: March 09, 1991	NAPP
1984	1"=500'	Flight Date: March 26, 1984	USDA
1980	1"=500'	Flight Date: July 25, 1980	NOAA
1976	1"=500'	Flight Date: October 29, 1976	USGS
1974	1"=500'	Flight Date: October 19, 1974	NOAA
1966	1"=500'	Flight Date: February 23, 1966	USGS
1961	1"=500'	Flight Date: April 12, 1961	EDR Proprietary Aerial Viewpoint
1954	1"=500'	Flight Date: January 04, 1954	USGS
1951	1"=500'	Flight Date: April 21, 1951	EDR Proprietary Aerial Viewpoint
1941	1"=500'	Flight Date: January 01, 1941	FirstSearch
1924	1"=500'	Flight Date: July 01, 1924	FAIR

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EDR

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EDR

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YEAR: 2009
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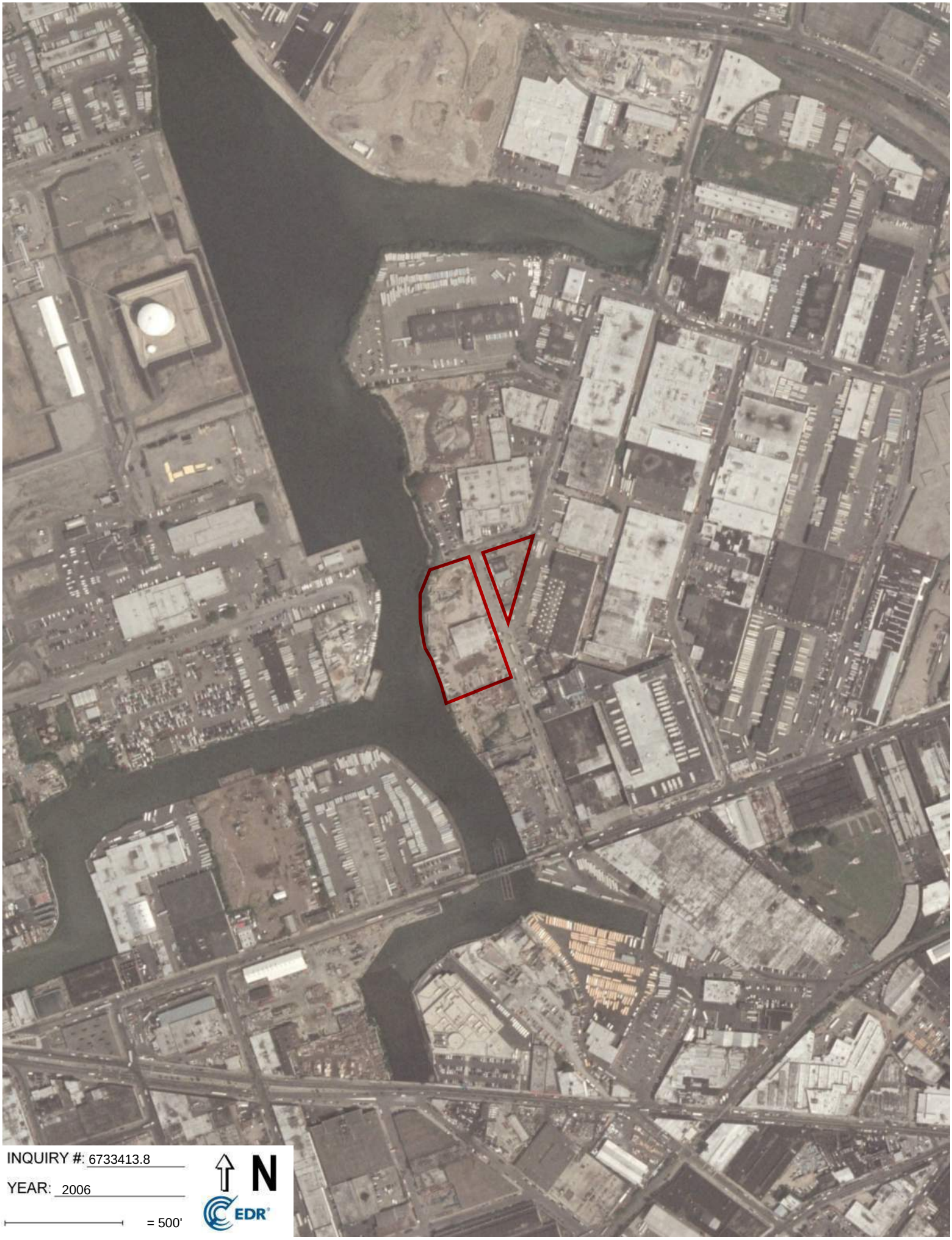
EDR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YEAR: 1994

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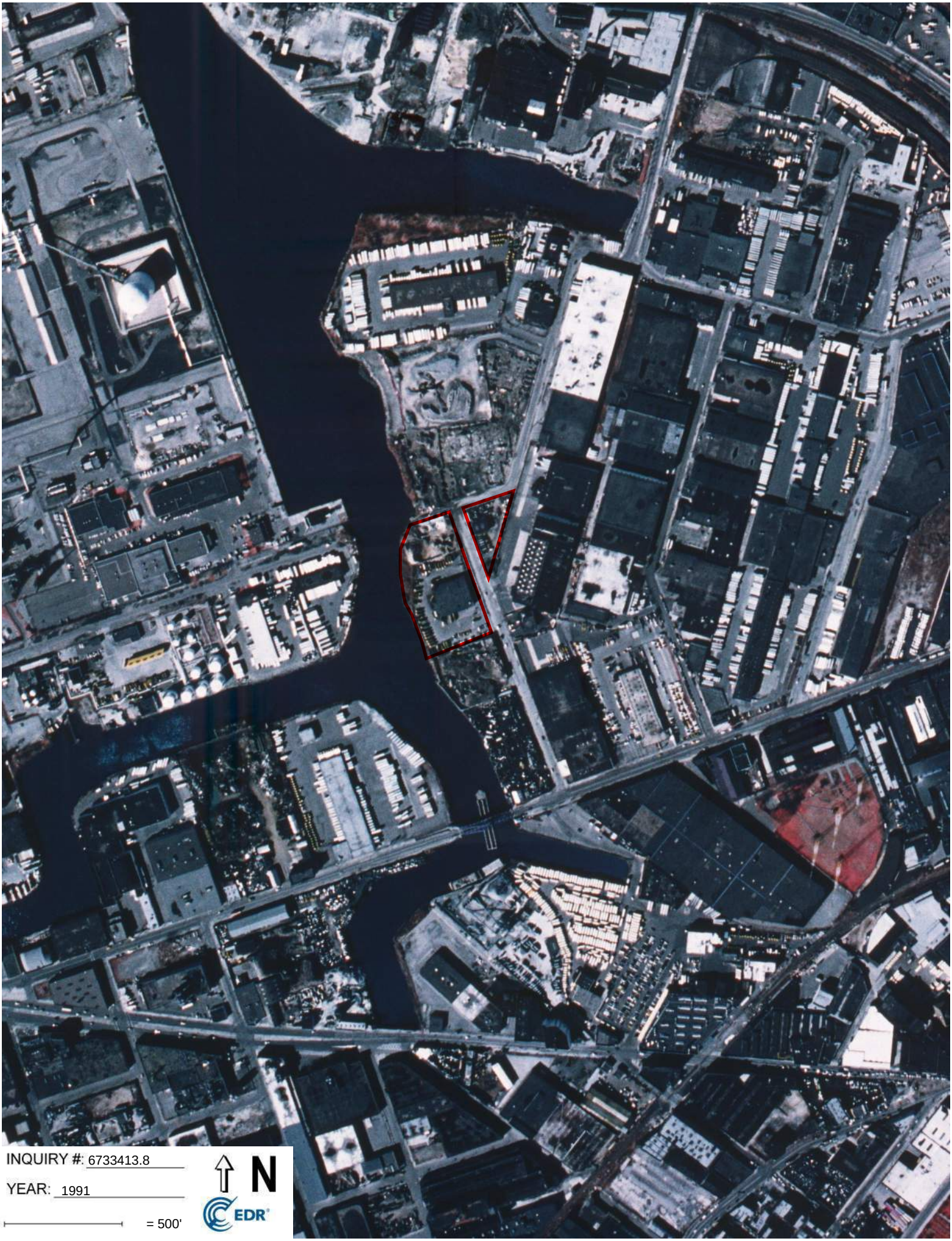
EDR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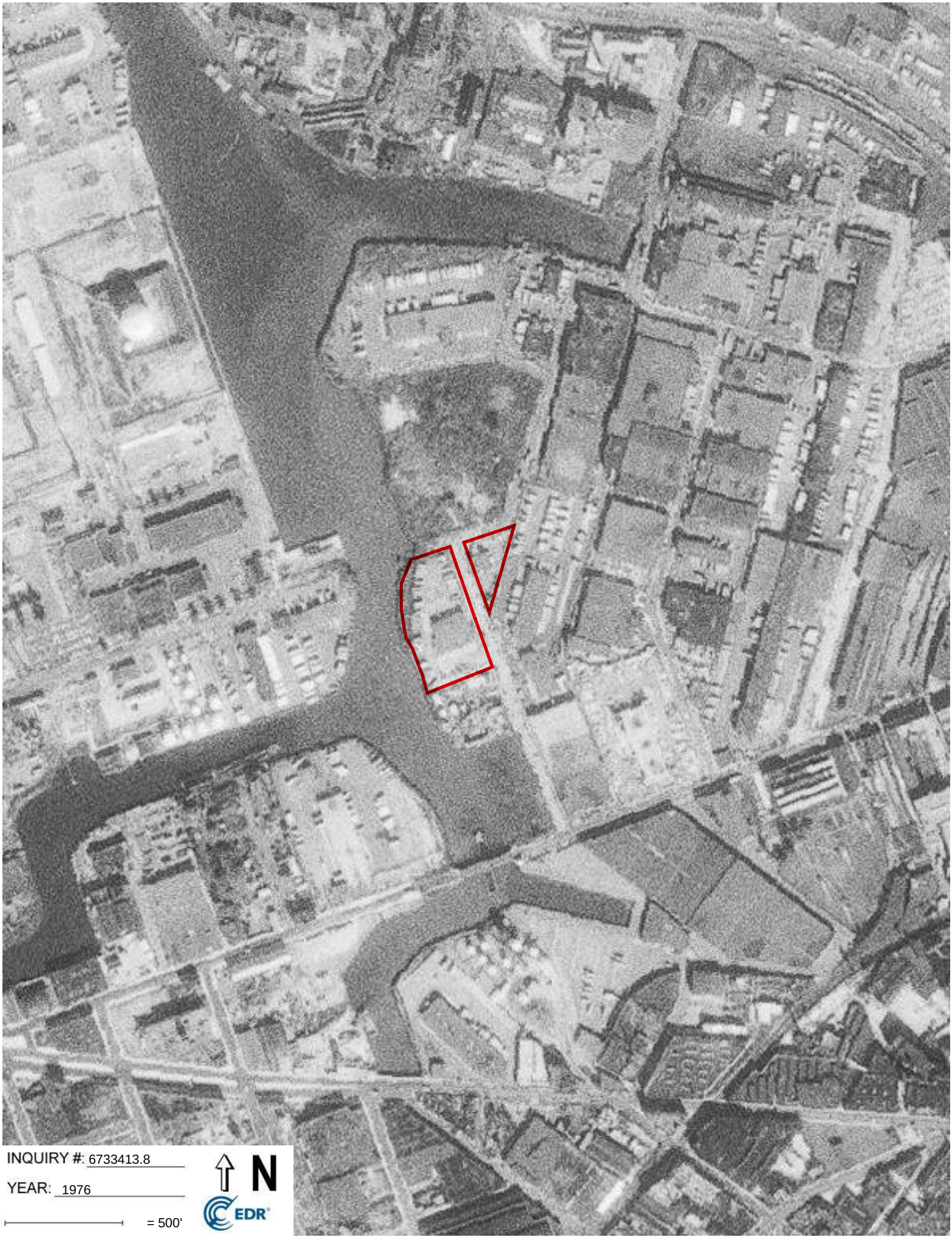
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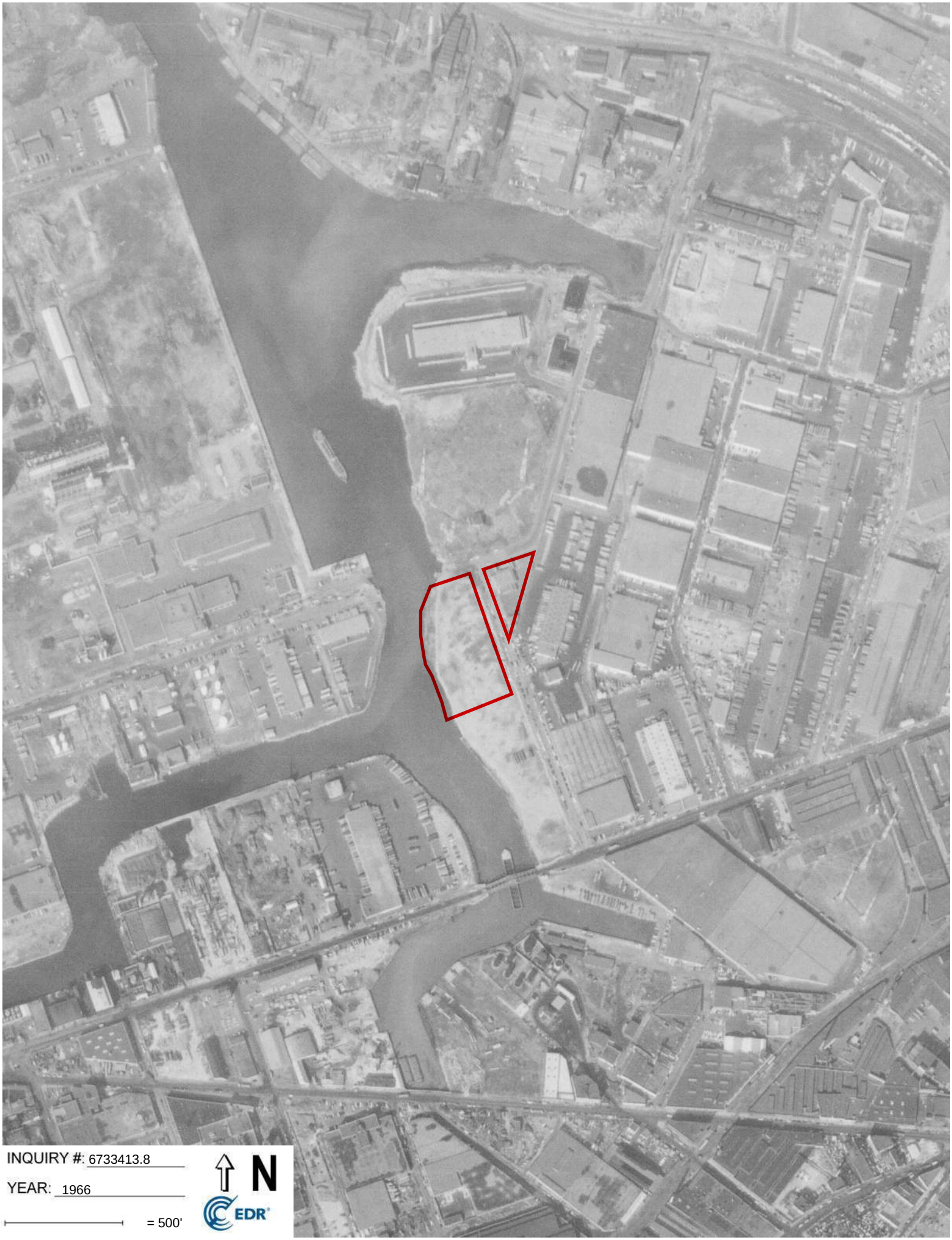

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EDR

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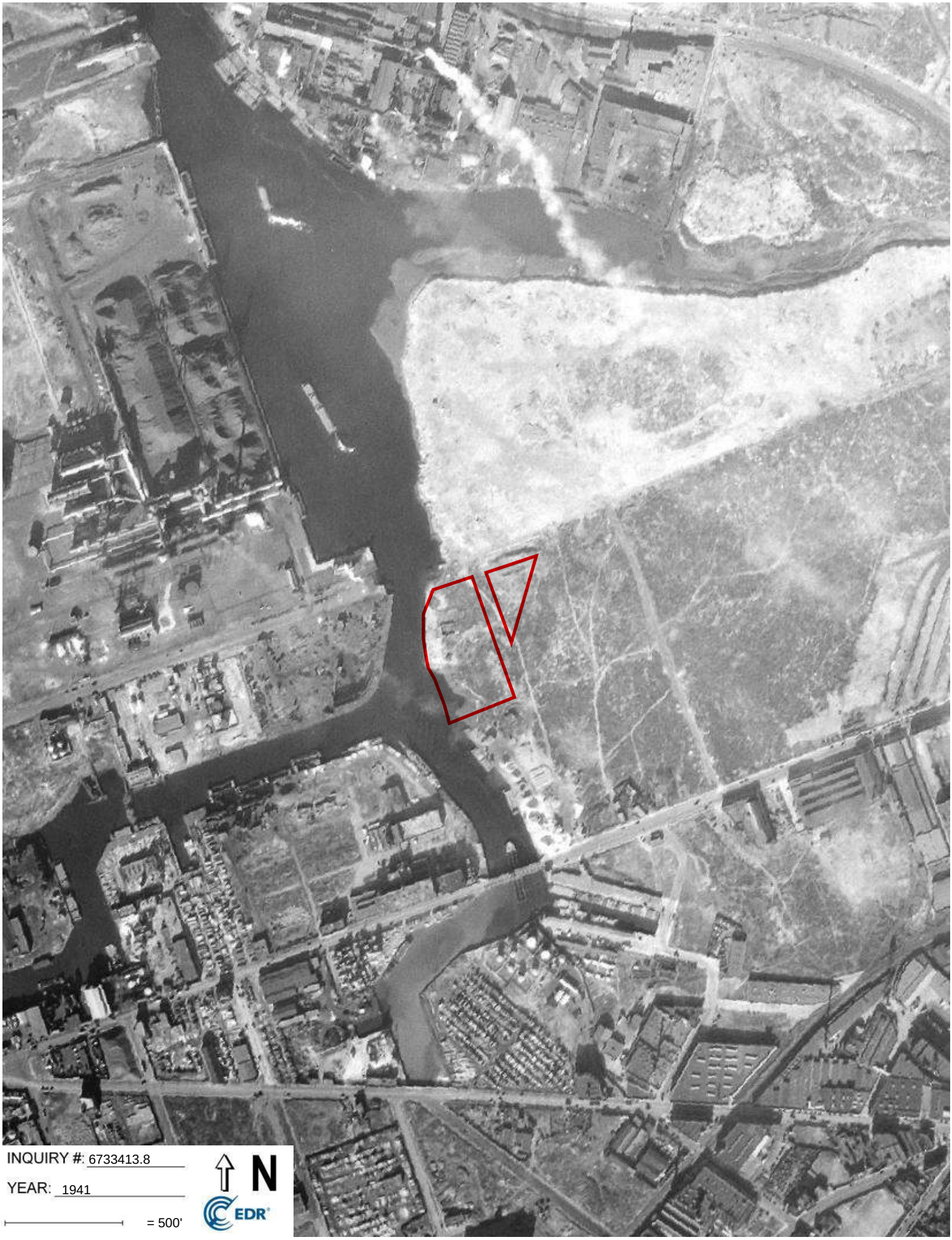

INQUIRY #: 6733413.8

YEAR: 1941

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EDR

INQUIRY #: 6733413.8

YEAR: 1924

= 500'

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EDR

57-00, 58-00, 57-05, and 57-57 47th Street

57-00 47th Street

Maspeth, NY 11378

Inquiry Number: 6733413.3

November 04, 2021

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

11/04/21

Site Name:

57-00, 58-00, 57-05, and 57-57
57-00 47th Street
Maspeth, NY 11378
EDR Inquiry # 6733413.3

Client Name:

Langan Engineering
300 Kimball Drive, 4th Floor
Parsippany, NJ 07054-2172
Contact: Rebekah Diehl

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Certification # F59A-4E6C-ADDC

PO # NA

Project 100965501 - 47th Street

Maps Provided:

2007	1996	1988	1977
2006	1995	1987	1971
2005	1994	1986	1968
2004	1993	1985	1965
2003	1992	1982	1951
2002	1991	1981	1950
2001	1990	1980	1936
1999	1989	1979	1933

1914
1907
1902
1888

Sanborn® Library search results
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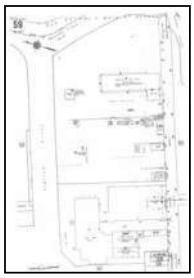
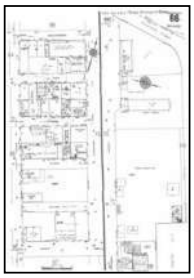
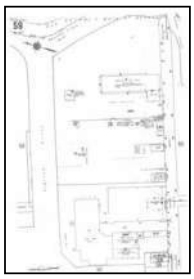
2007 Source Sheets


Volume 9, Sheet 59
2007


Volume 9, Sheet 66
2007

2006 Source Sheets


Volume 9, Sheet 59
2006

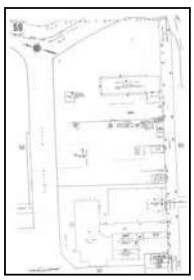
Volume 3, Sheet 110
2006

2005 Source Sheets

Volume 3, Sheet 110
2005

Volume 9, Sheet 66
2005

2004 Source Sheets


Volume 9, Sheet 59
2004

Volume 9, Sheet 66
2004

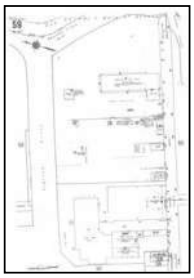
Volume 3, Sheet 110
2004

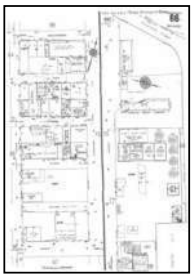
Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

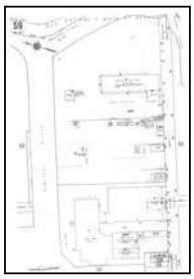
2003 Source Sheets

Volume 3, Sheet 110
2003


Volume 9, Sheet 59
2003


Volume 9, Sheet 66
2003

2002 Source Sheets


Volume 9, Sheet 59
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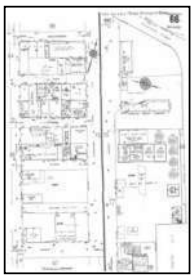

Volume 9, Sheet 66
2002

Volume 3, Sheet 110
2002

2001 Source Sheets

Volume 3, Sheet 110
2001

1999 Source Sheets

Volume 3, Sheet 110
1999

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1996 Source Sheets

Volume 3, Sheet 110
1996

1995 Source Sheets

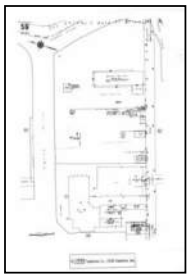
Volume 3, Sheet 110
1995

1994 Source Sheets

Volume 3, Sheet 110
1994

Volume 9, Sheet 59
1994

1993 Source Sheets



Volume 9, Sheet 59
1993-Jan

Volume 9, Sheet 66
1993-Jan

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1993 Source Sheets

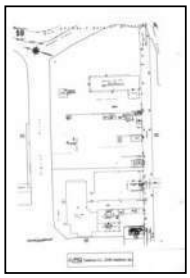
Volume 9, Sheet 66
1993-Dec

Volume 3, Sheet 110
1993

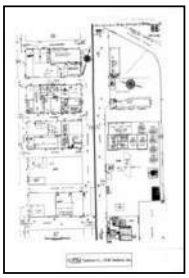
1992 Source Sheets

Volume 3, Sheet 110
1992

Volume 9, Sheet 73
1992



Volume 9, Sheet 59
1992



Volume 9, Sheet 66
1992

1991 Source Sheets

Volume 9, Sheet 66
1991

Volume 3, Sheet 110
1991

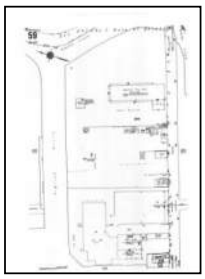
Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1990 Source Sheets

Volume 3, Sheet 110
1990

1989 Source Sheets



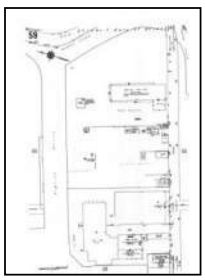
Volume 9, Sheet 59
1989

Volume 9, Sheet 66
1989

1988 Source Sheets

Volume 3, Sheet 110
1988

1987 Source Sheets



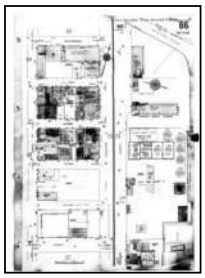
Volume 9, Sheet 59
1987

Volume 9, Sheet 66
1987

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1986 Source Sheets



Volume 9, Sheet 66
1986

Volume 3, Sheet 110
1986

1985 Source Sheets

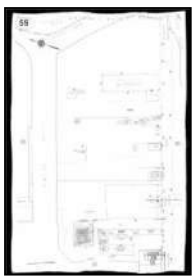
Volume 3, Sheet 110
1985

1982 Source Sheets

Volume 3, Sheet 110
1982

Volume 9, Sheet 66
1982

1981 Source Sheets



Volume 9, Sheet 59
1981

Volume 9, Sheet 66
1981

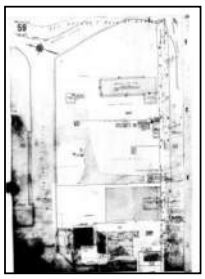
Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1980 Source Sheets

Volume 3, Sheet 110
1980

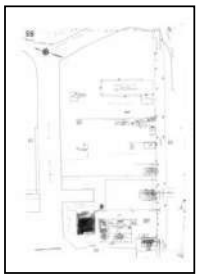
1979 Source Sheets



Volume 9, Sheet 59
1979

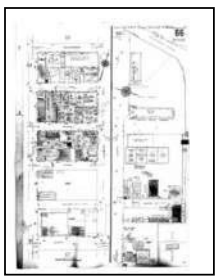
Volume 9, Sheet 66
1979

1977 Source Sheets



Volume 9, Sheet 59
1977

1968 Source Sheets

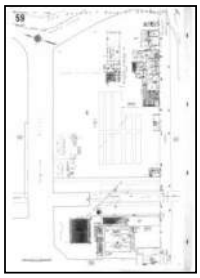


Volume 9, Sheet 66
1968

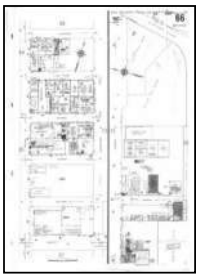
Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1951 Source Sheets



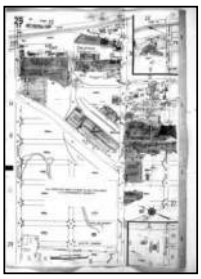
Volume 9, Sheet 59
1951



Volume 9, Sheet 66
1951

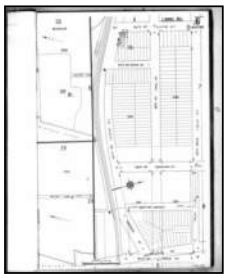
1950 Source Sheets

Volume 3, Sheet 6
1950

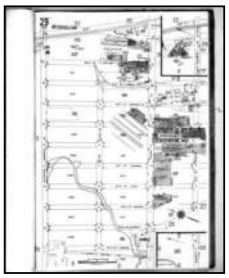


Volume 3, Sheet 29
1950

1936 Source Sheets

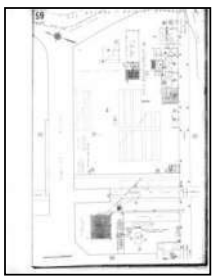


Volume 3, Sheet 6
1936

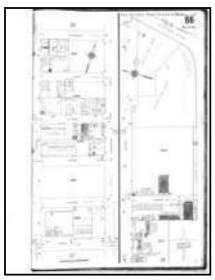


Volume 3, Sheet 29
1936

1933 Source Sheets



Volume 9, Sheet 59
1933



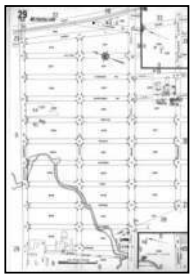
Volume 9, Sheet 66
1933

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

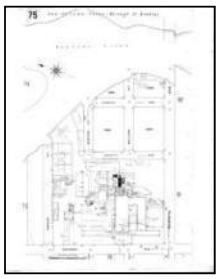
1914 Source Sheets

Volume 3, Sheet 6
1914



Volume 3, Sheet 29
1914

1907 Source Sheets



Volume 9, Sheet 75
1907

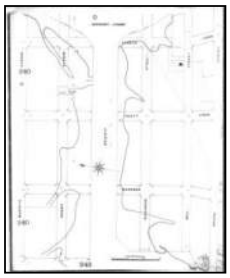
Volume 9, Sheet 82
1907

1902 Source Sheets

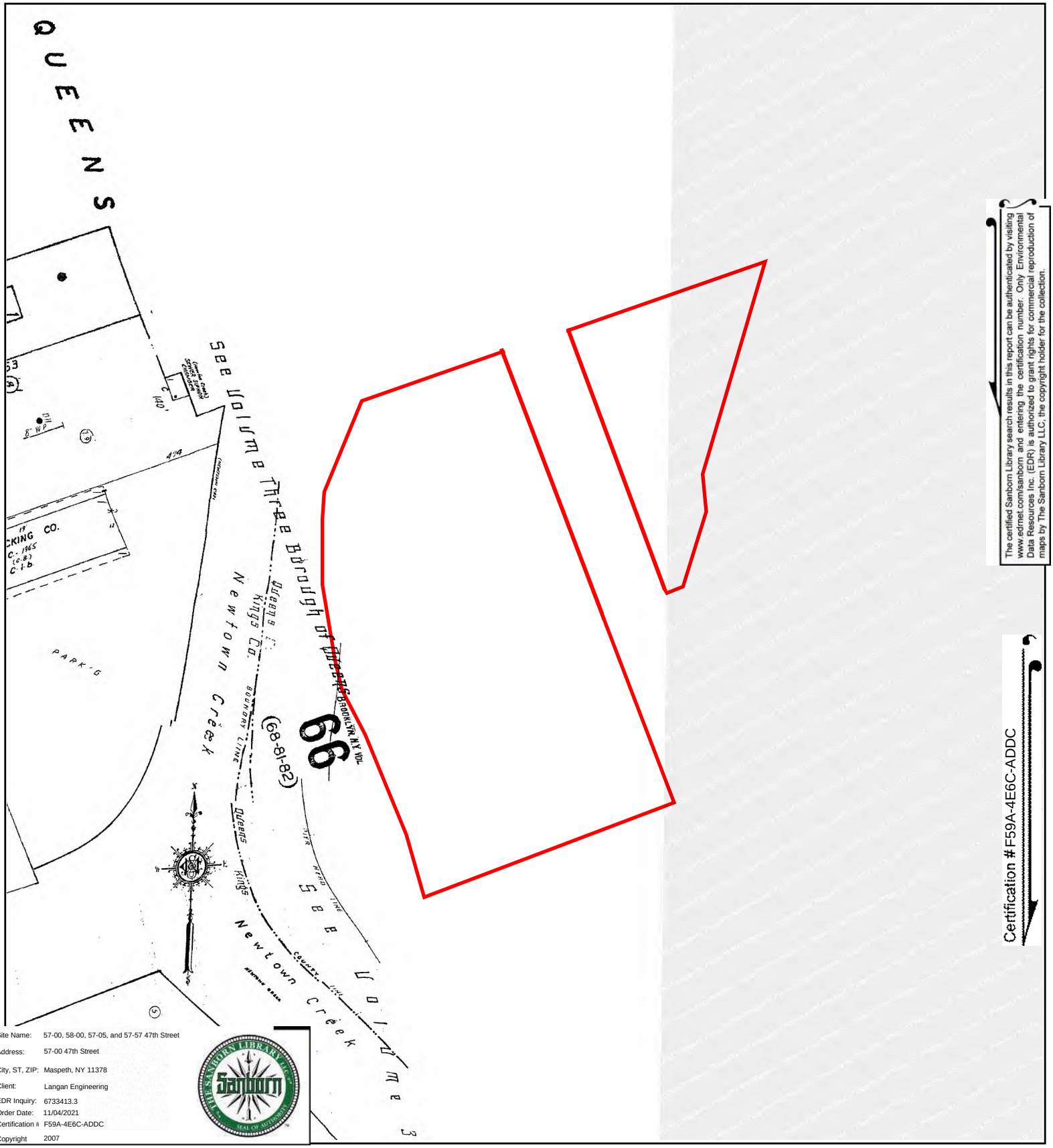
Volume 3, Sheet 27
1902

Volume 3, Sheet 41
1902

1888 Source Sheets



Volume 9, Sheet 243
1888



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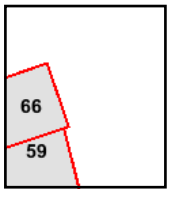
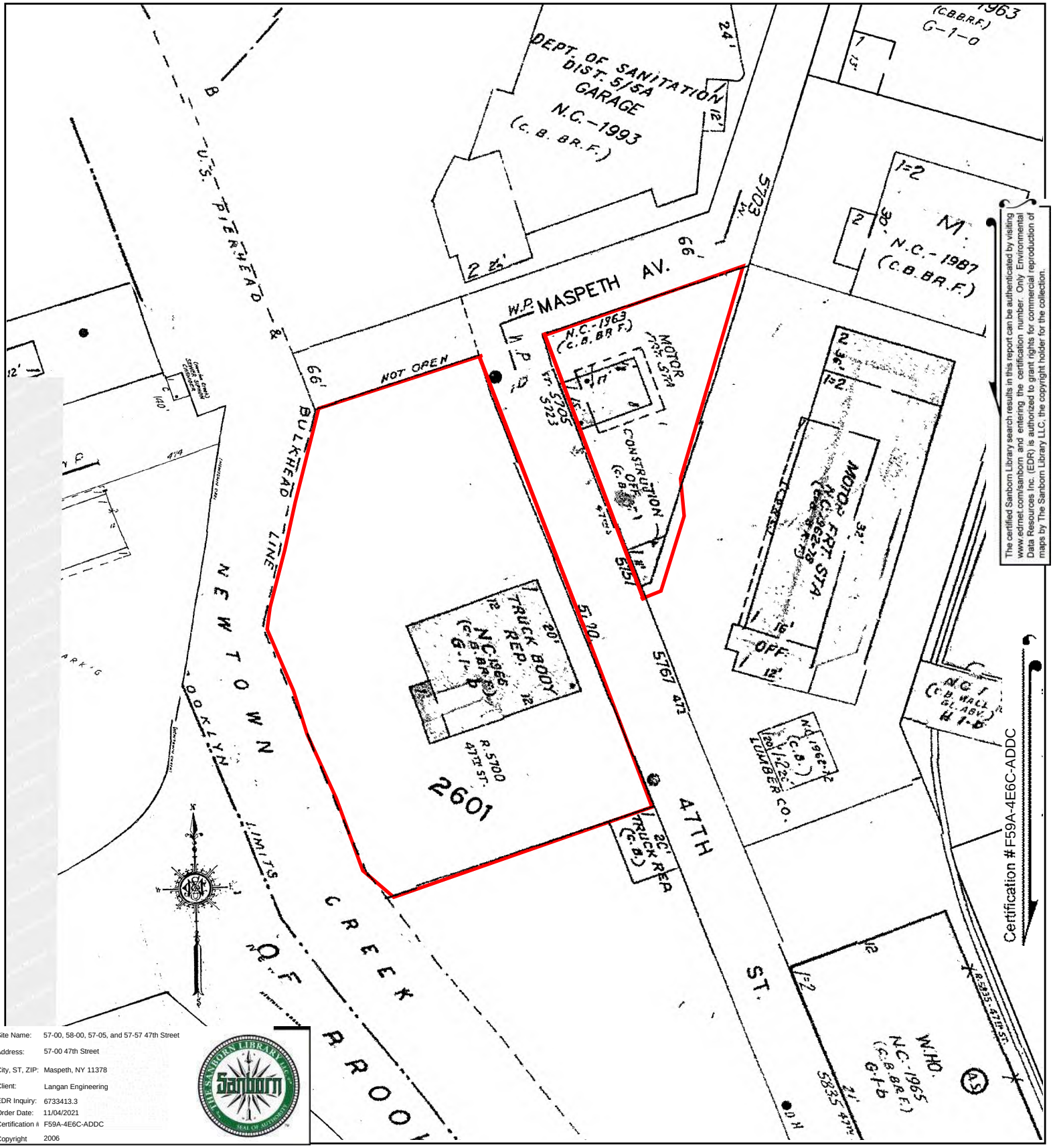


Volume 9, Sheet 66
Volume 9, Sheet 59

0 Feet 150 300 600

N



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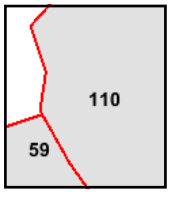
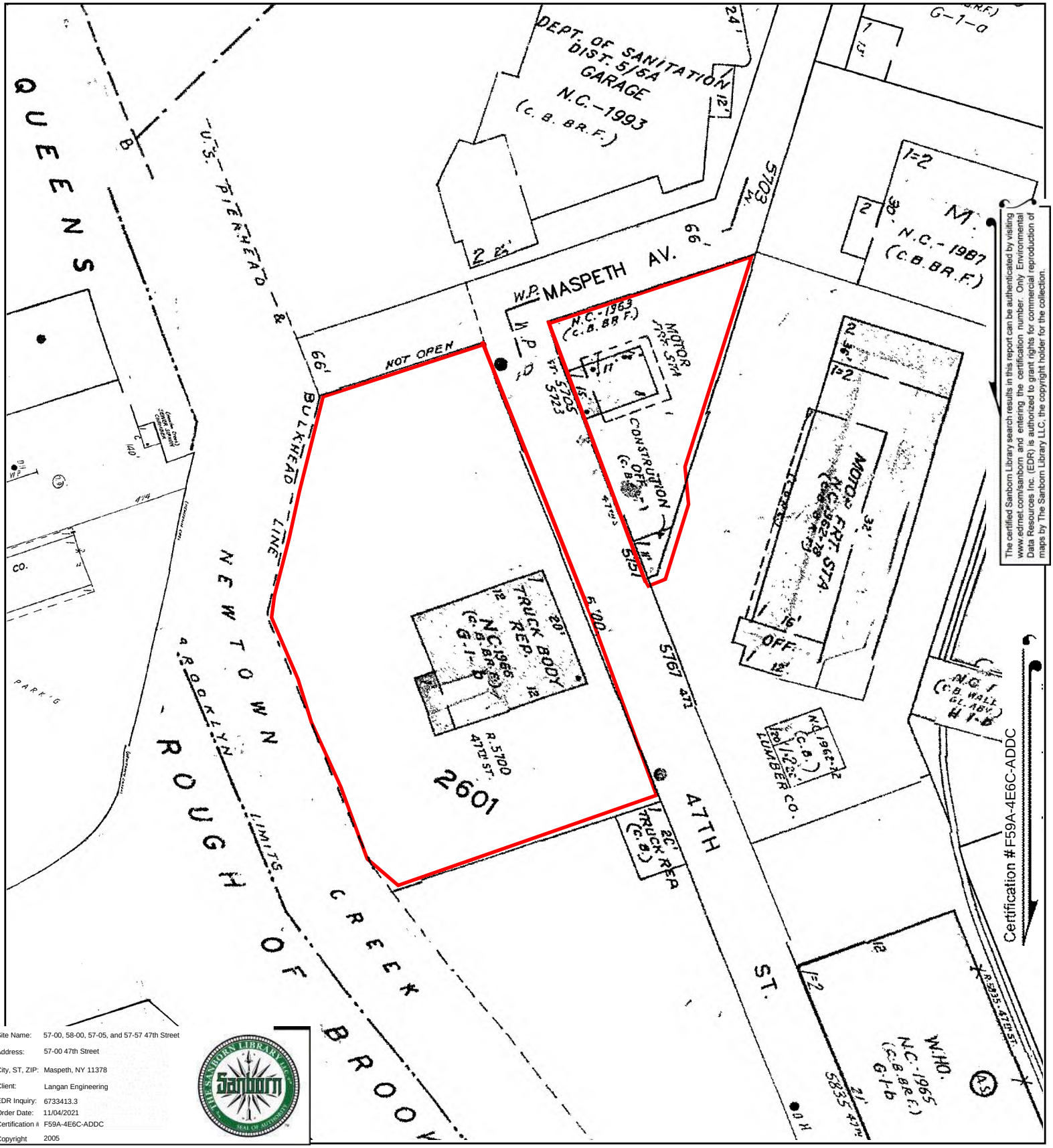


Volume 3, Sheet 110
Volume 9, Sheet 59

N



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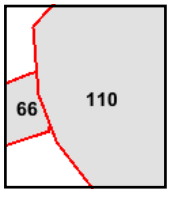
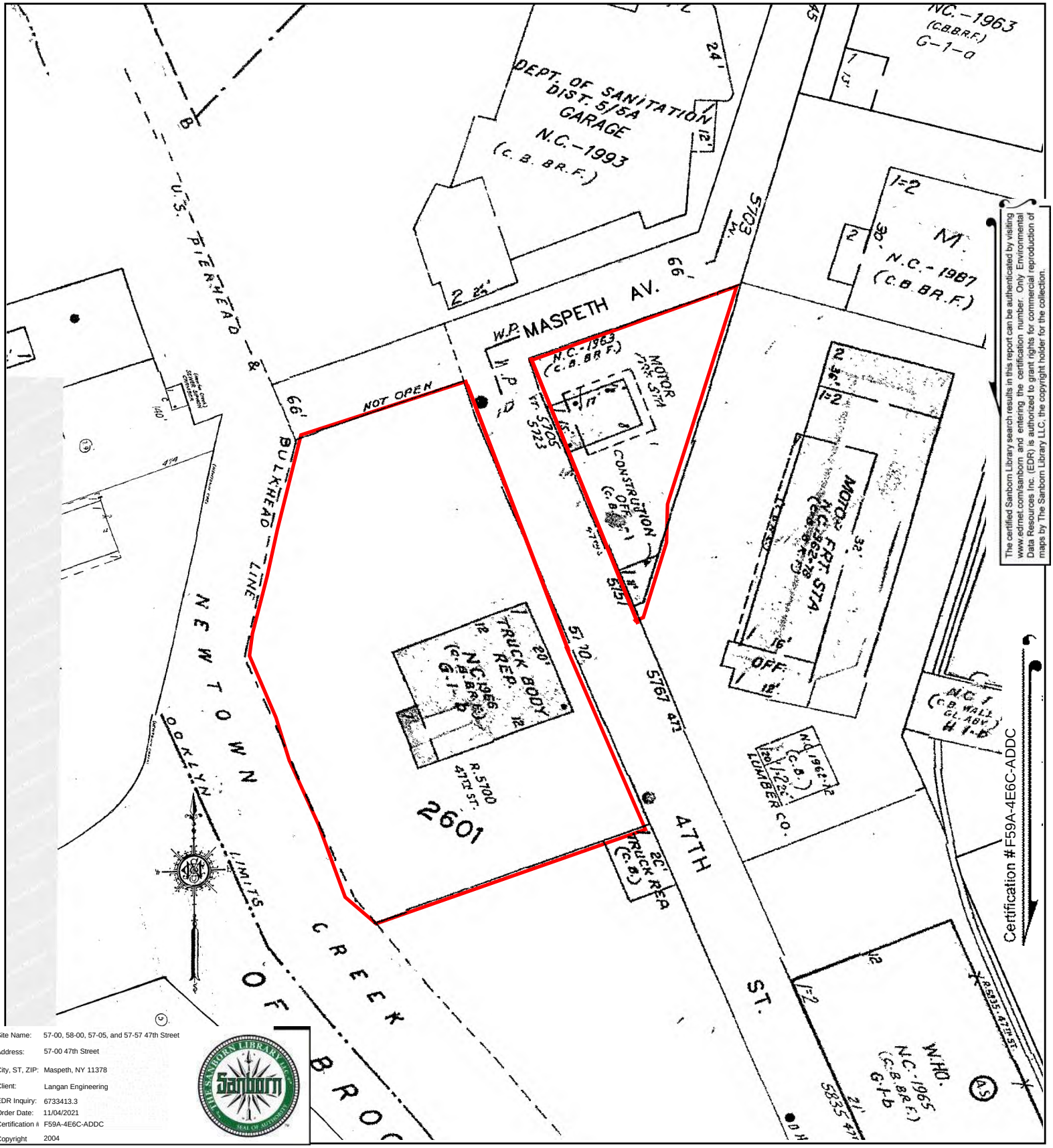


Volume 9, Sheet 66
Volume 3, Sheet 110

N



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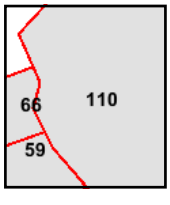
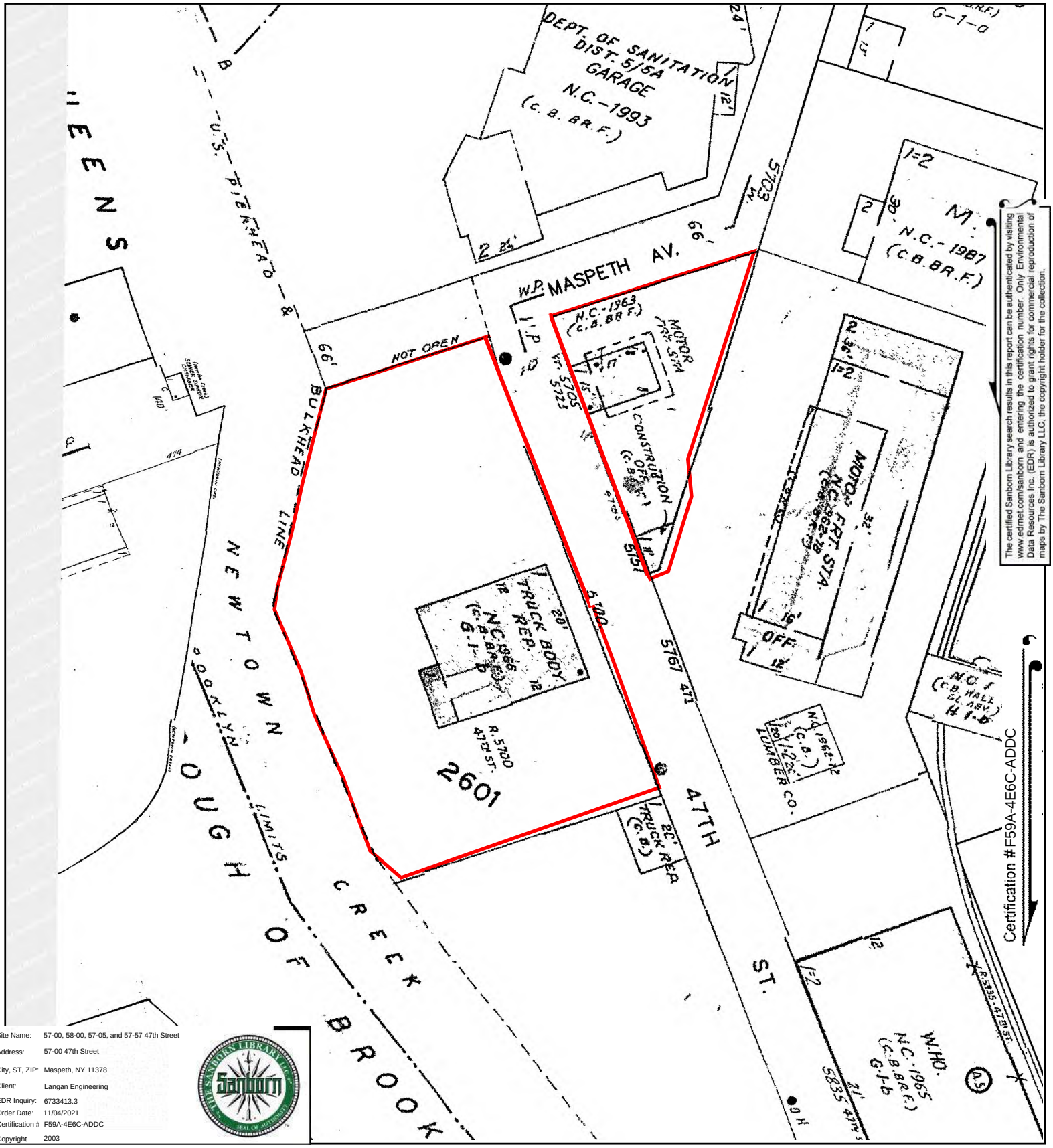


Volume 3, Sheet 110
Volume 9, Sheet 66
Volume 9, Sheet 59

N



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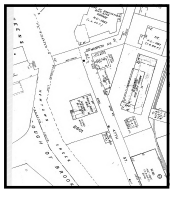
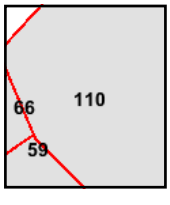
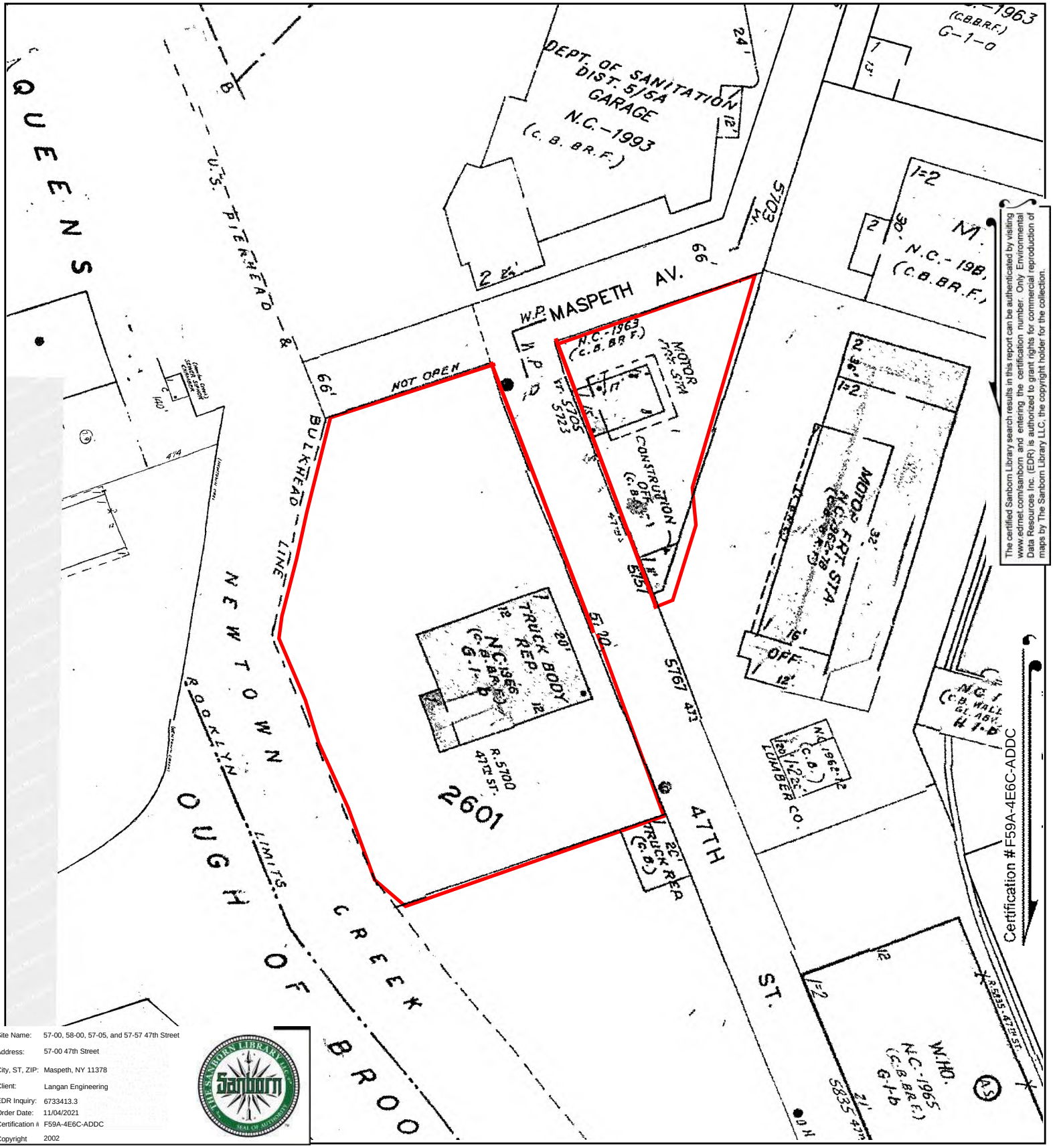




Volume 9, Sheet 66
Volume 9, Sheet 59
Volume 3, Sheet 110

N



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Certification #	F59A-4E6C-ADDC
Copyright	2002

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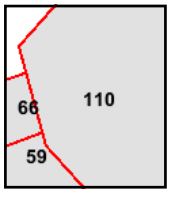
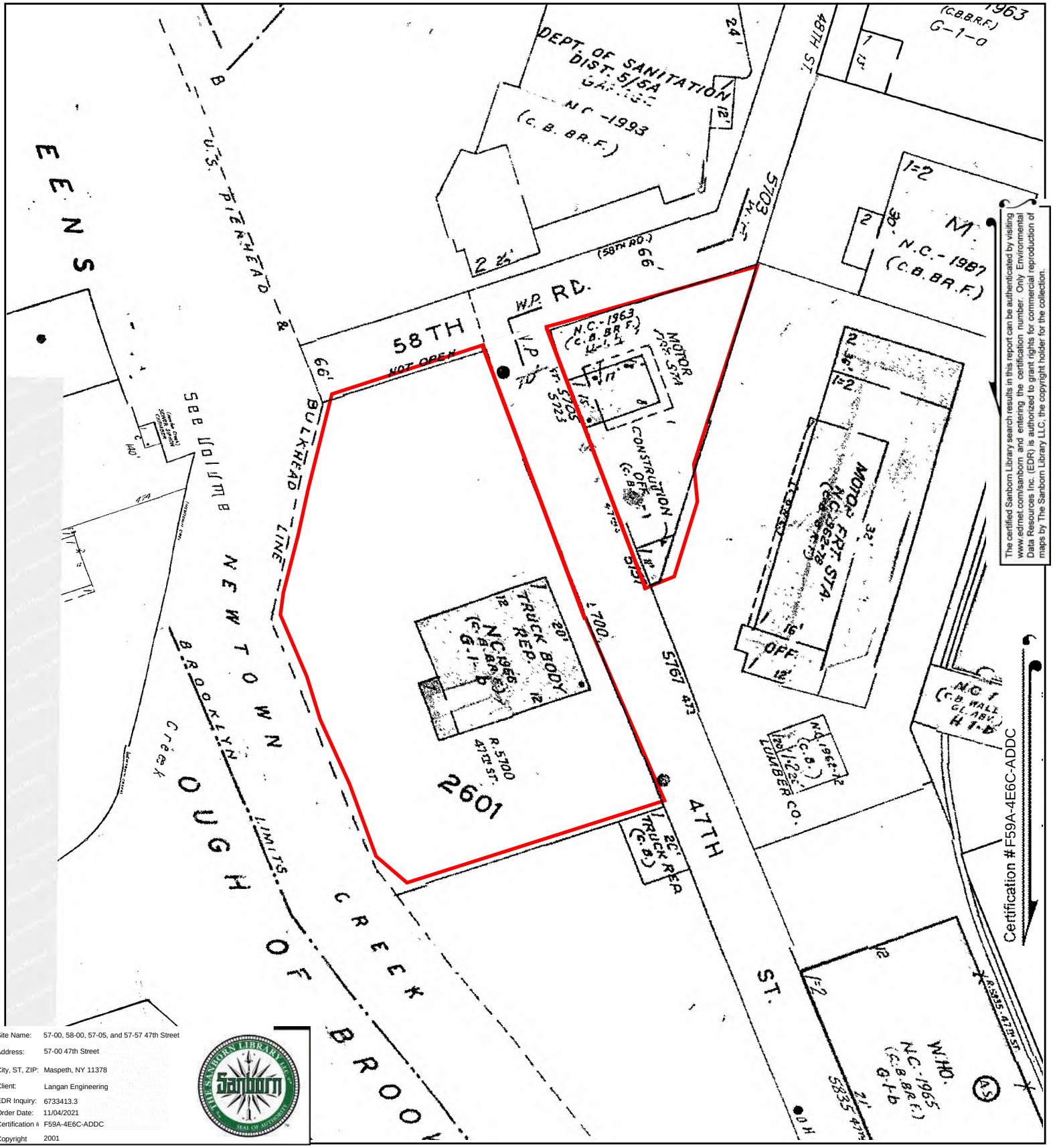


Volume 3, Sheet 110
Volume 9, Sheet 66
Volume 9, Sheet 59

N



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Copyright	2001

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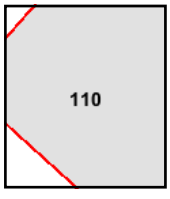
0 Feet 150 300 600

Volume 3, Sheet 110



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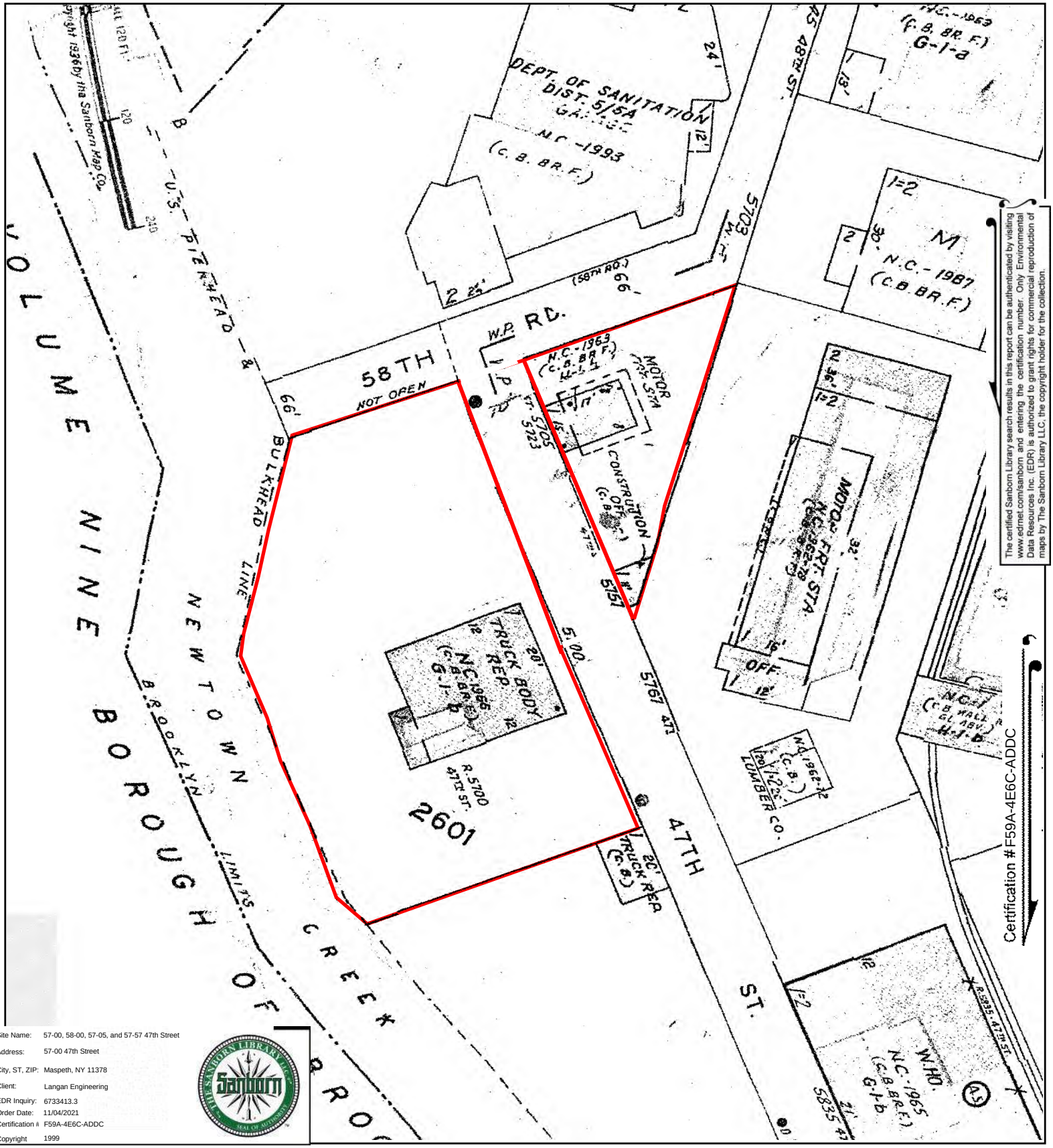

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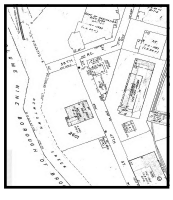
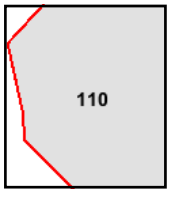
Volume 3, Sheet 110





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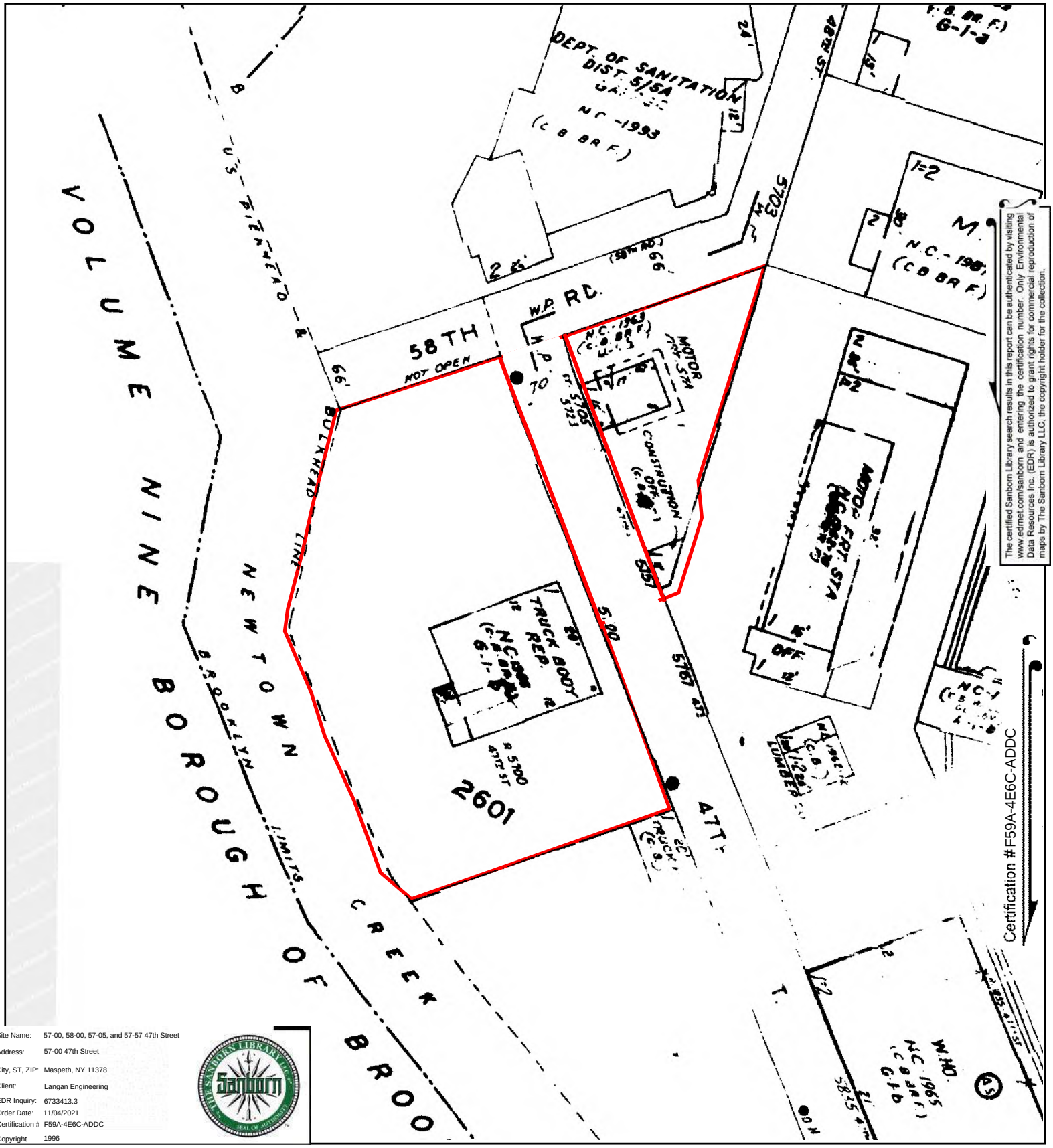

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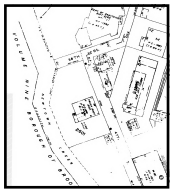
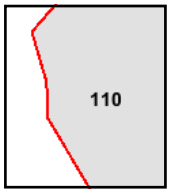
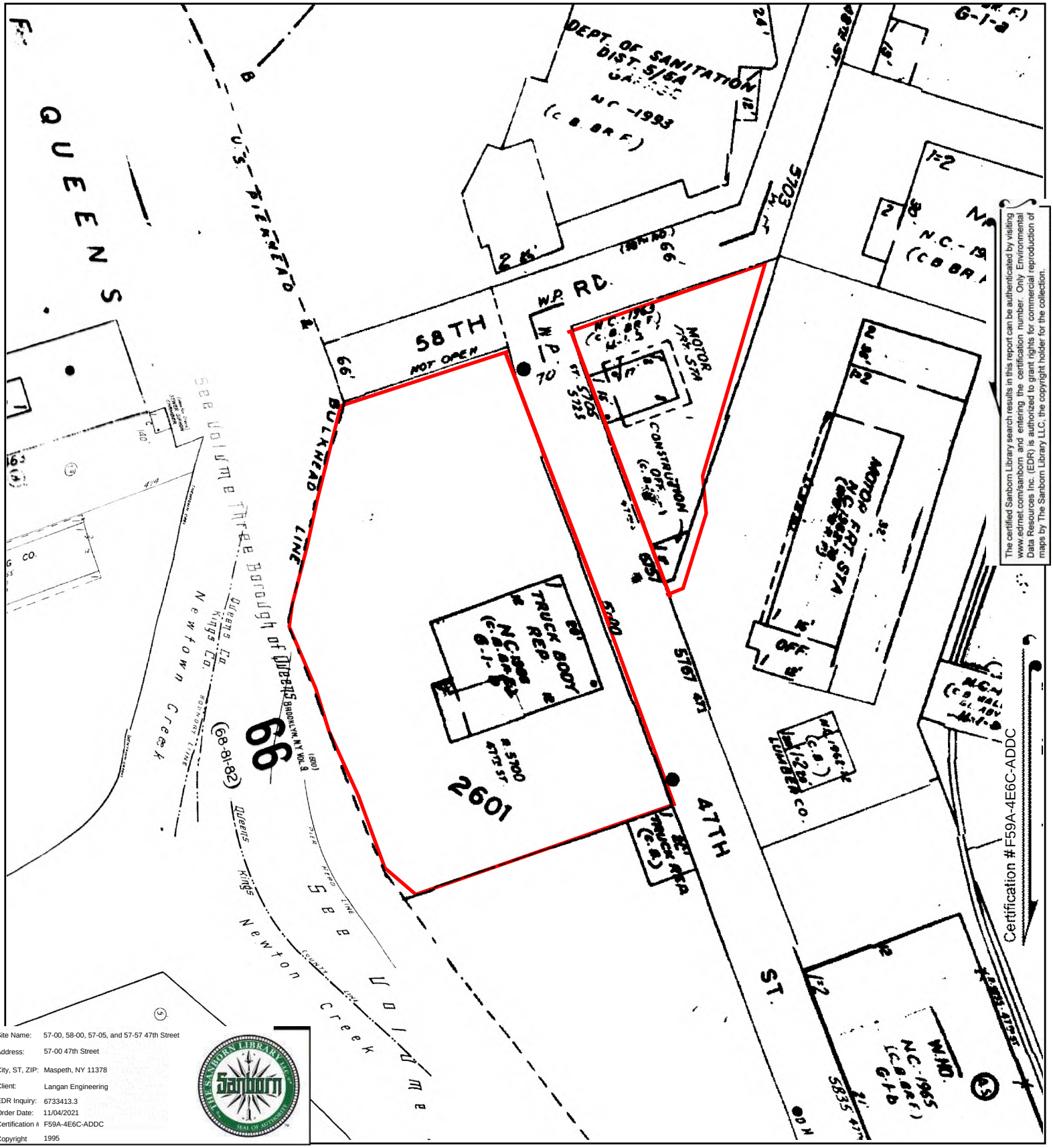
Volume 3, Sheet 110







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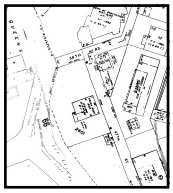

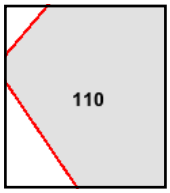

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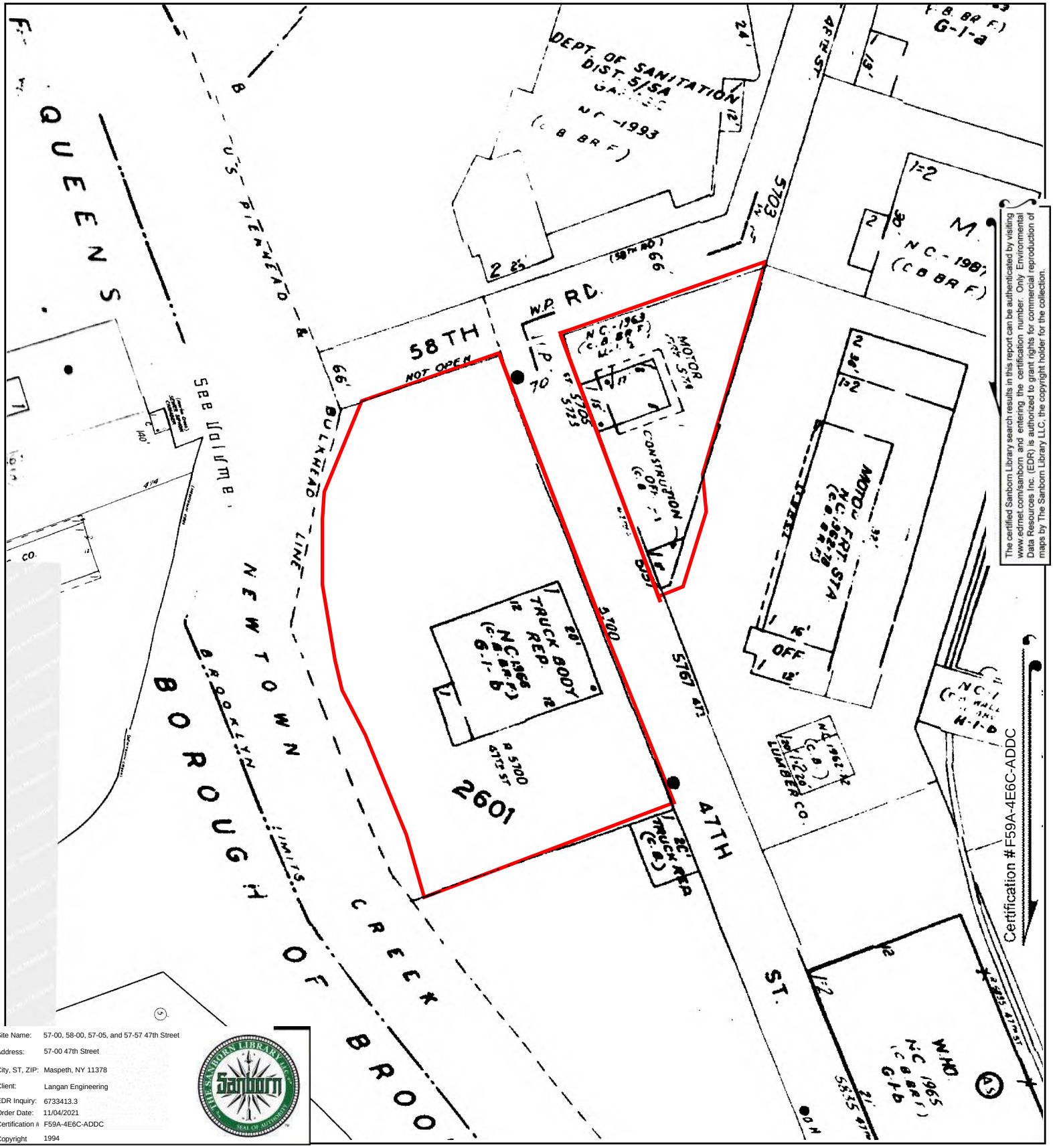

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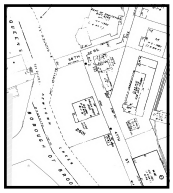

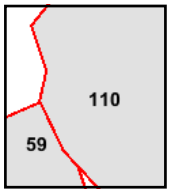

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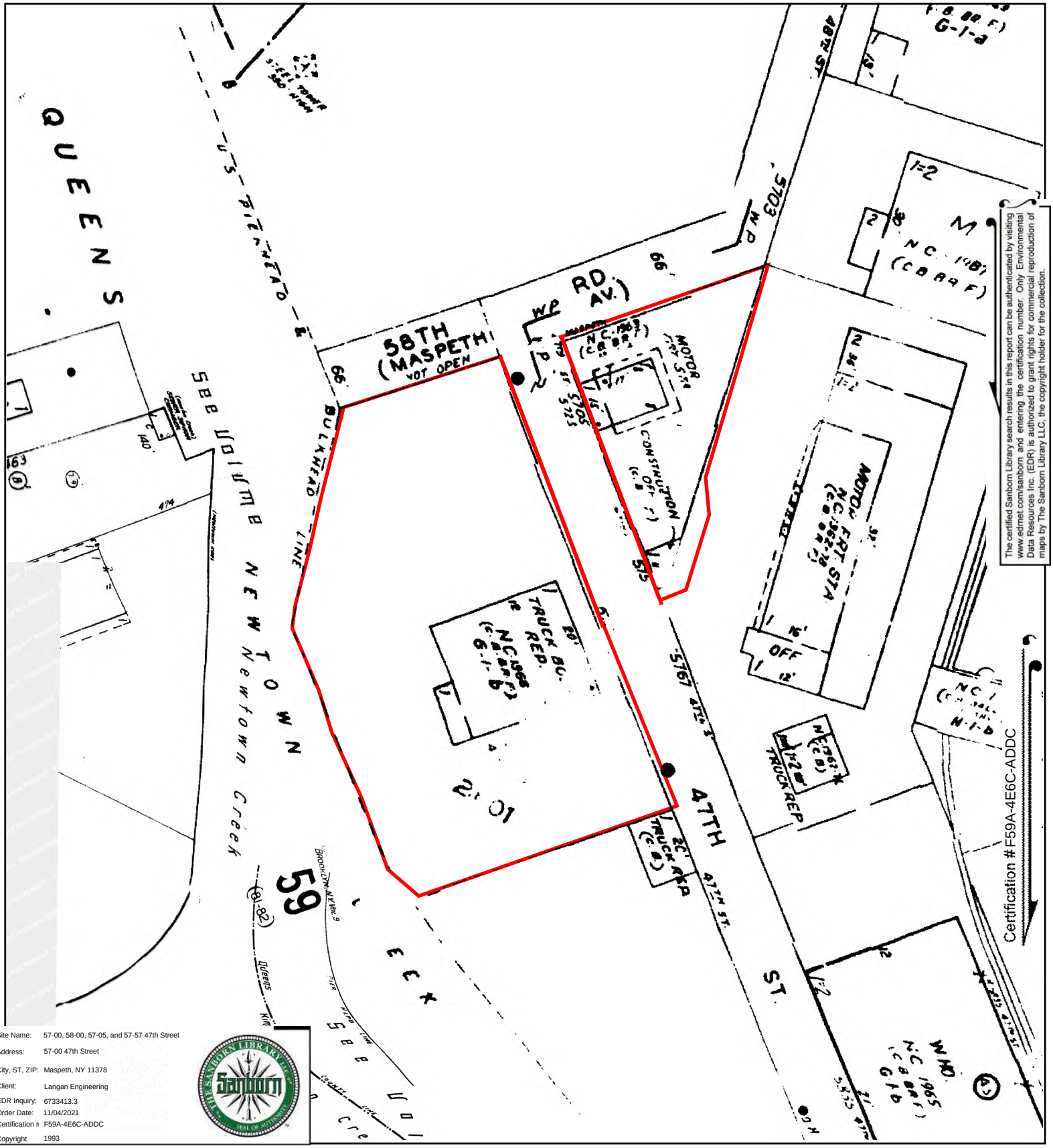

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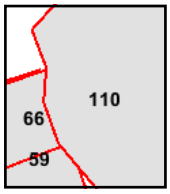

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Volume 9, Sheet 66
Volume 9, Sheet 59

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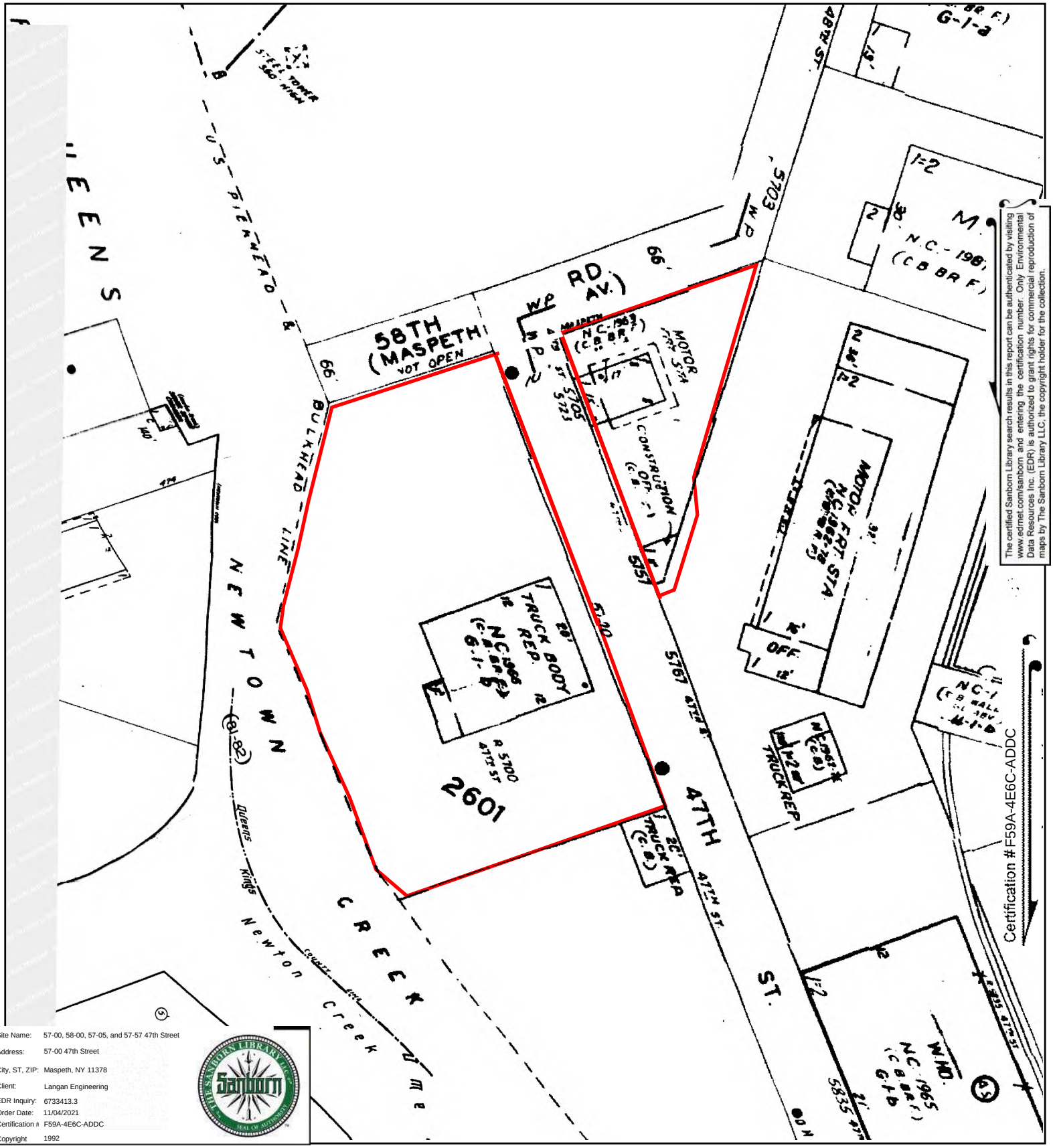

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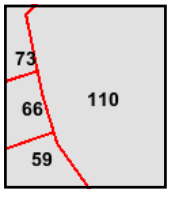

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Volume 9, Sheet 73
Volume 3, Sheet 110

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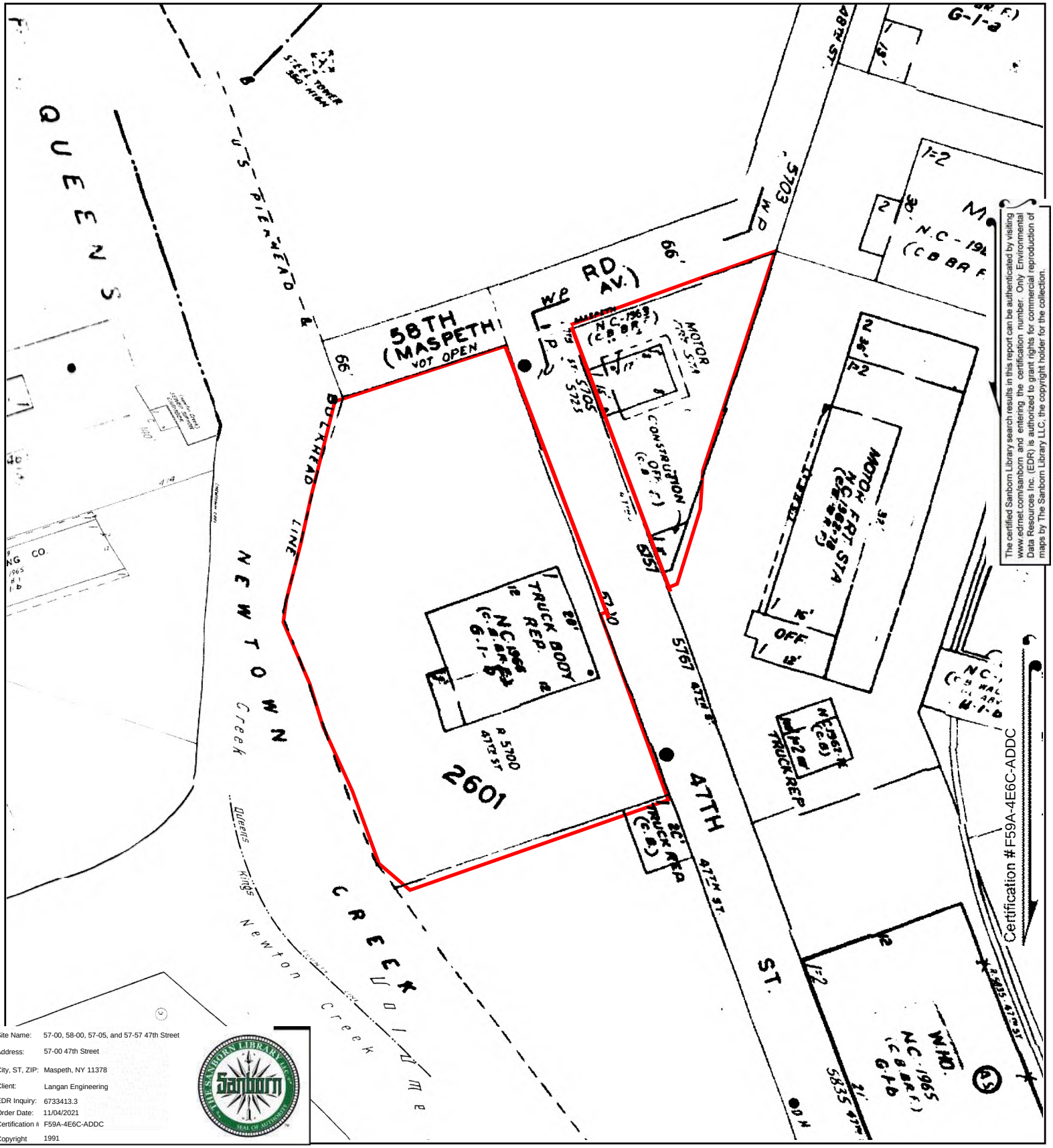

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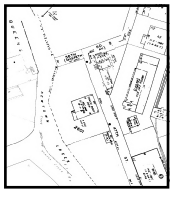

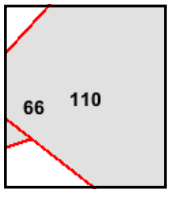

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Volume 9, Sheet 66

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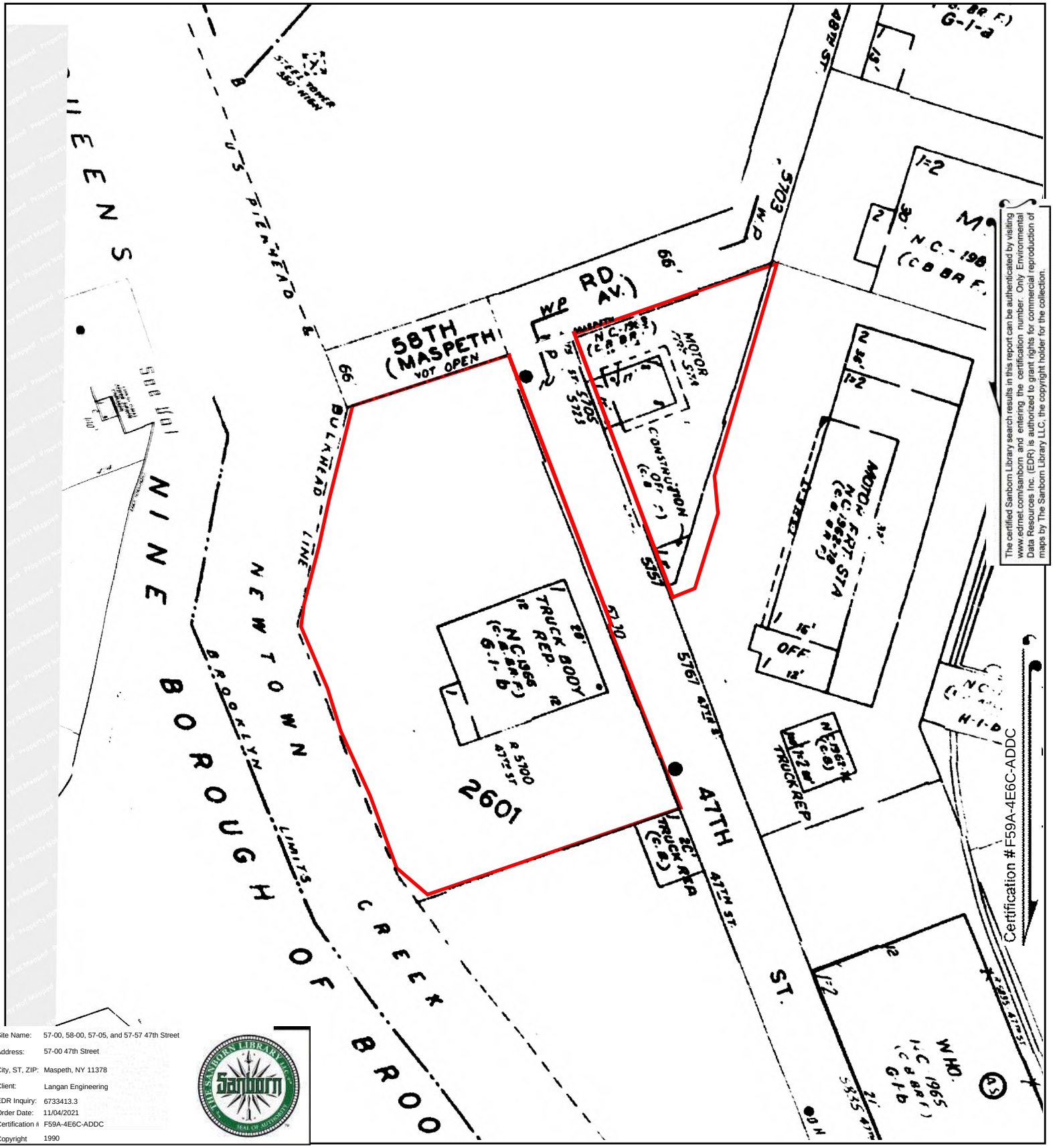

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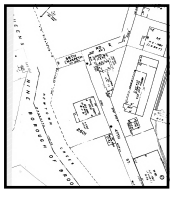

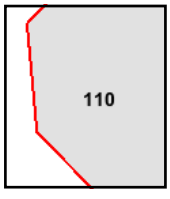

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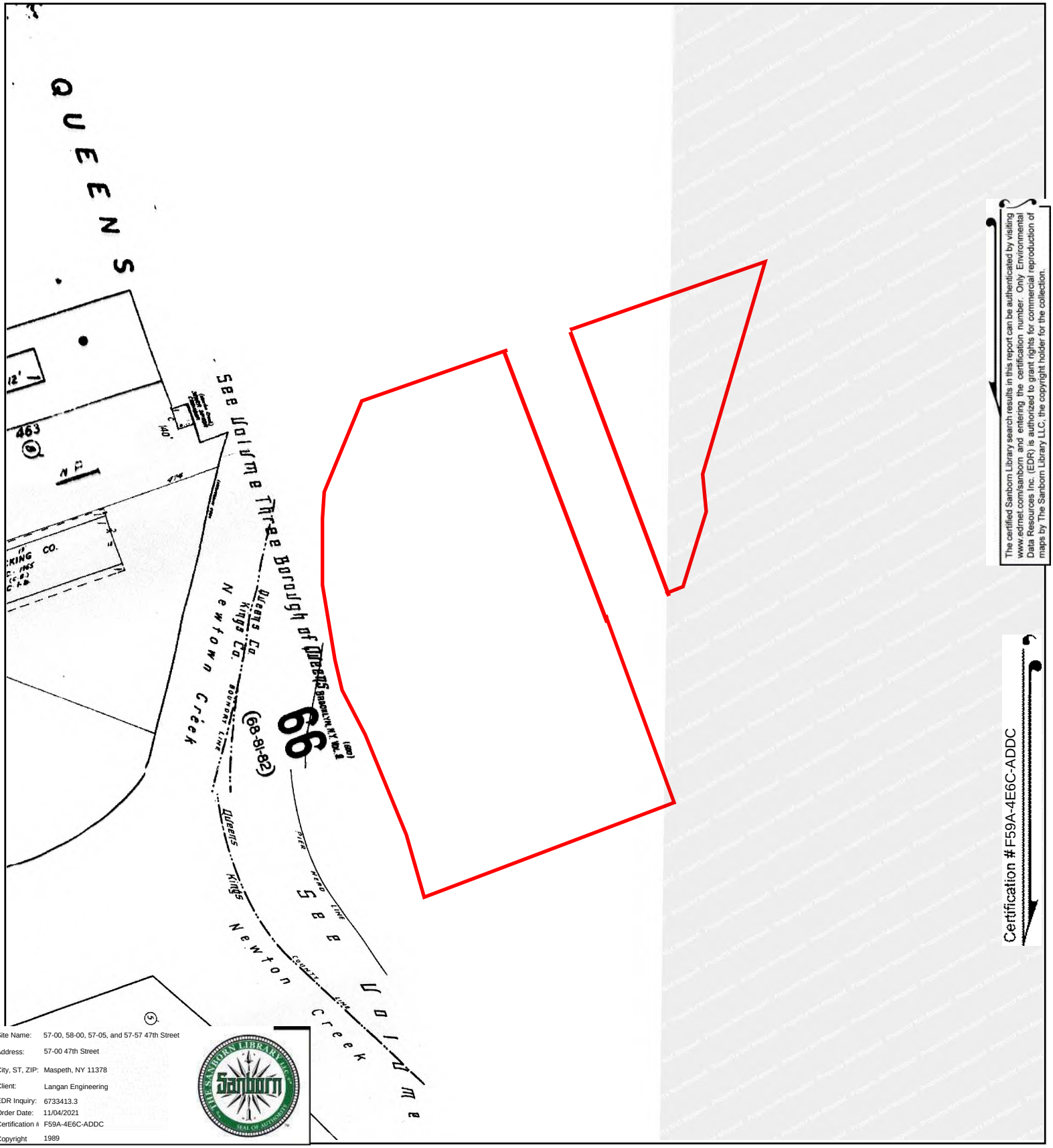

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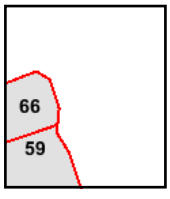

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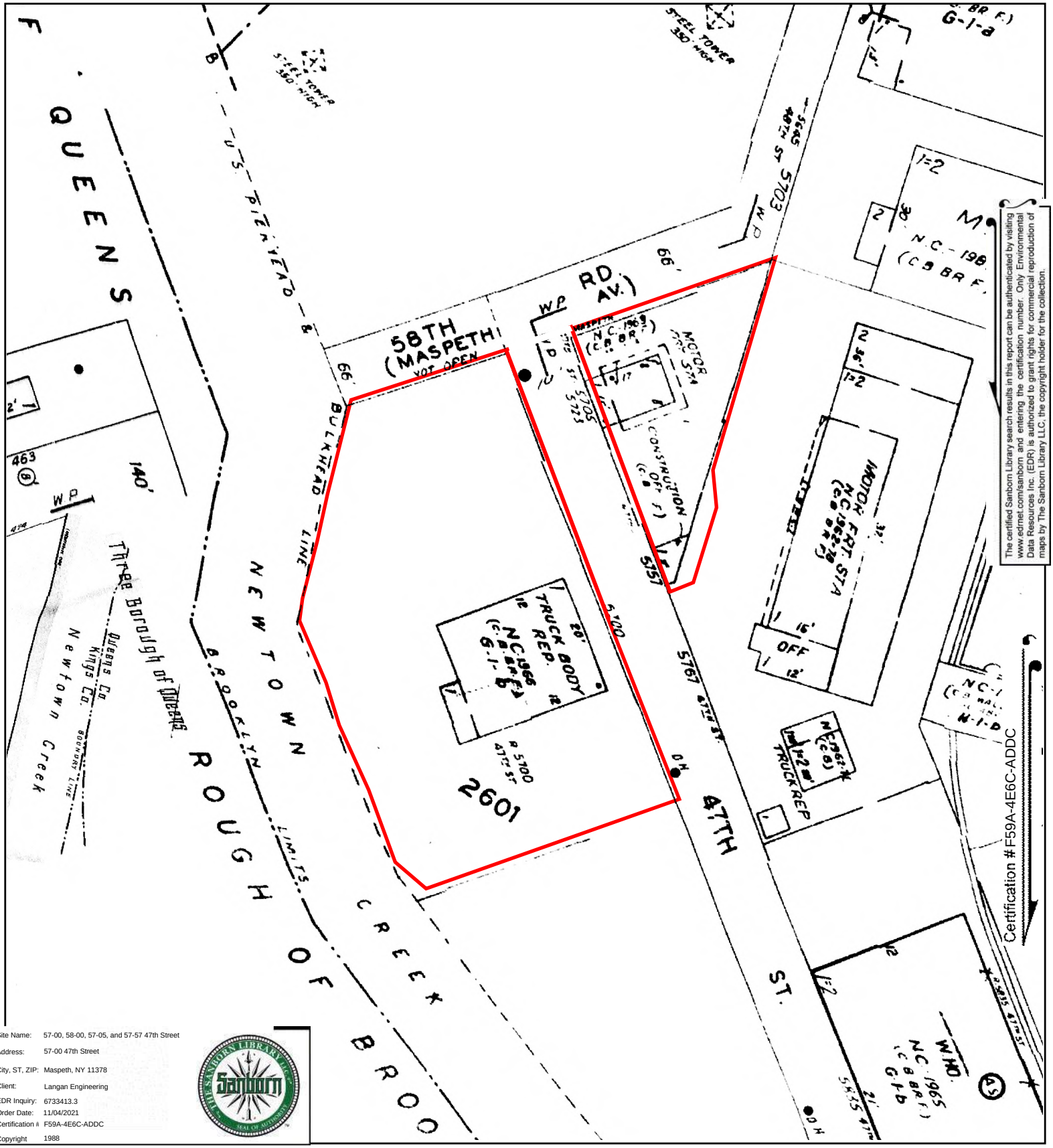

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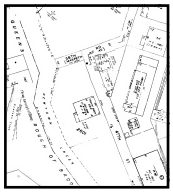

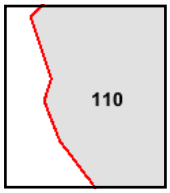

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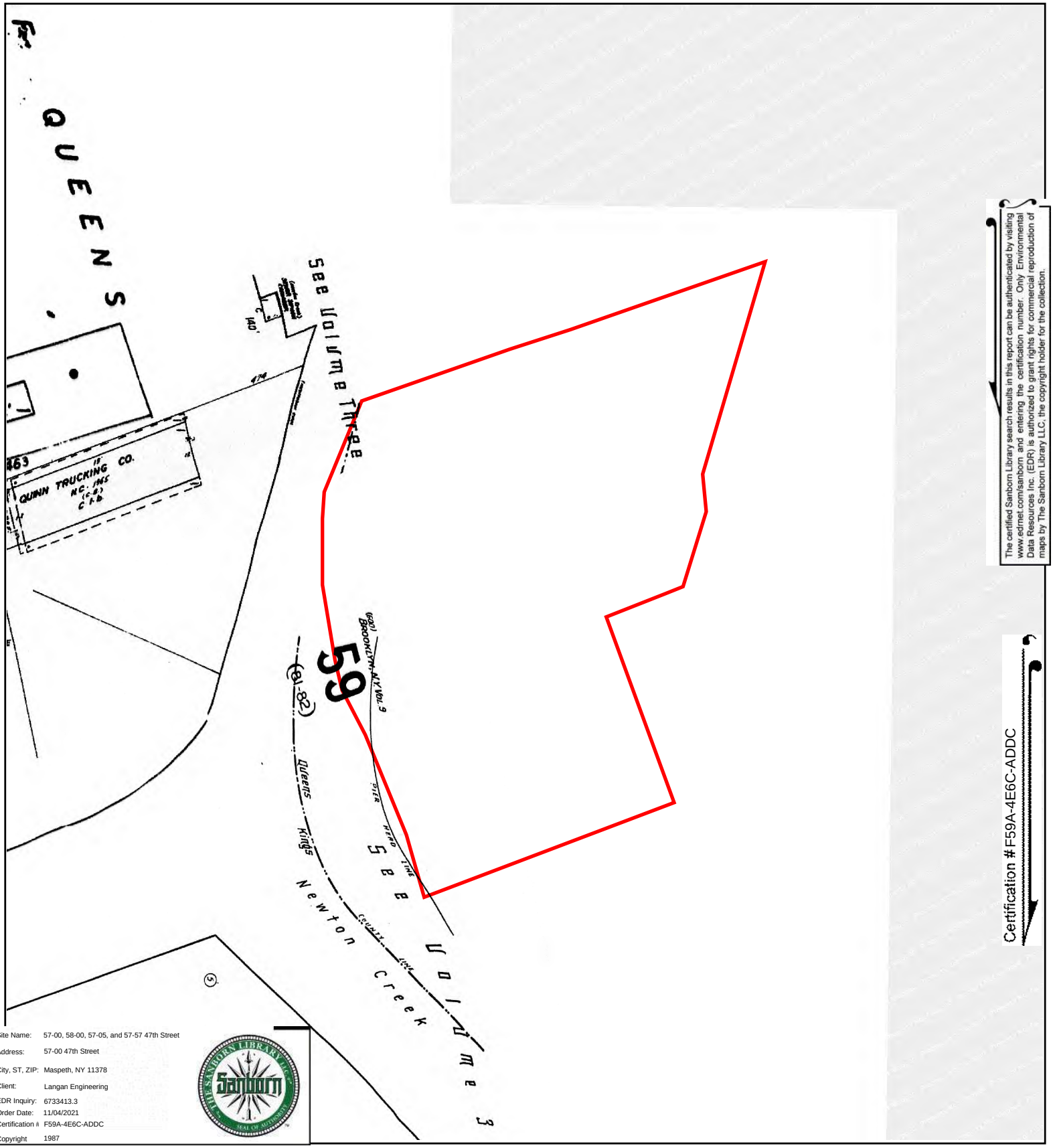

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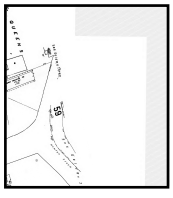

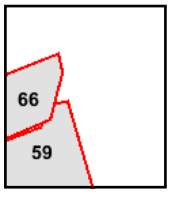

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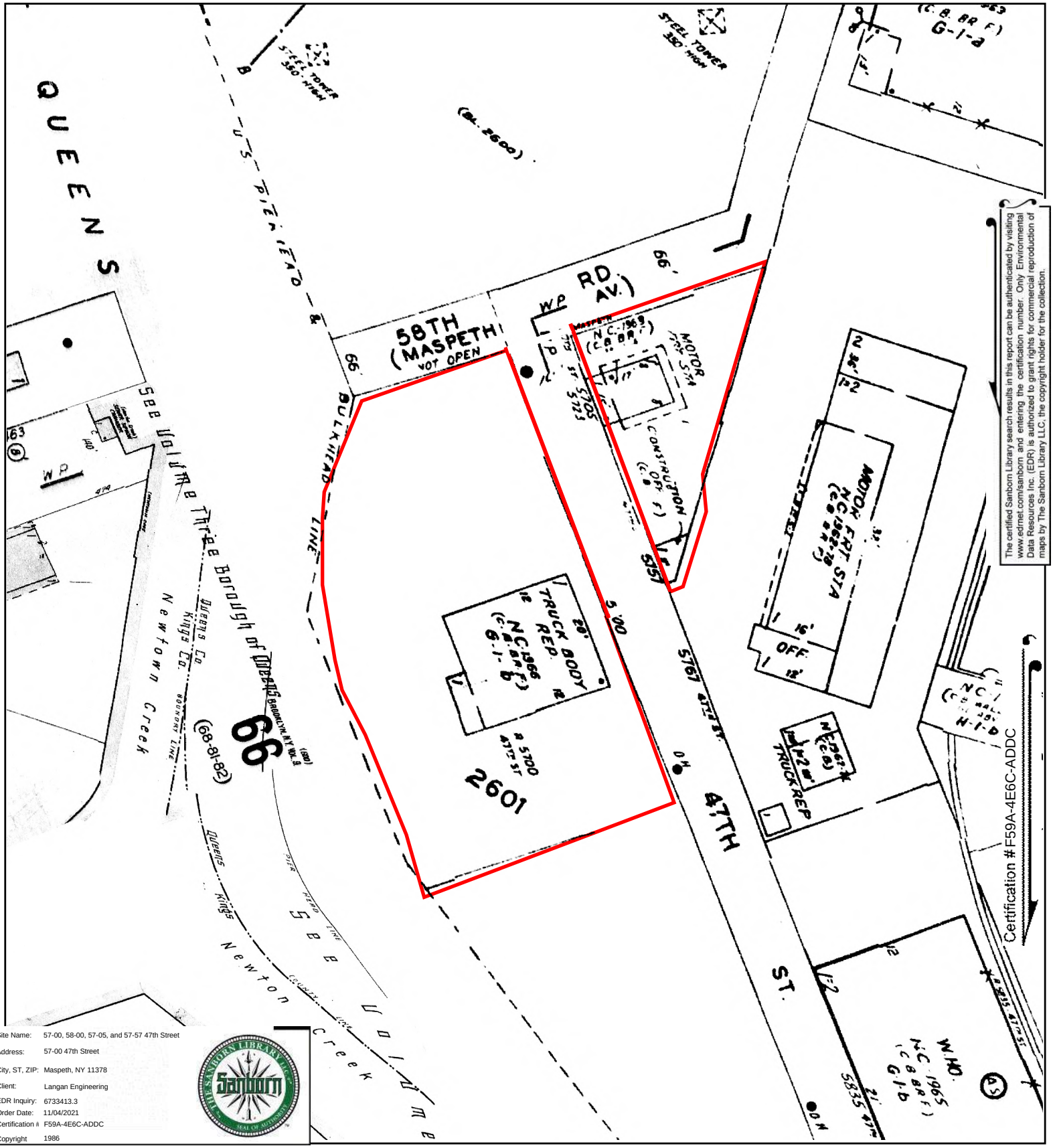

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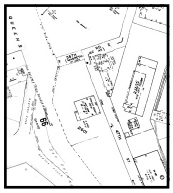

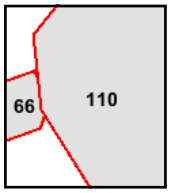

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Volume 9, Sheet 66

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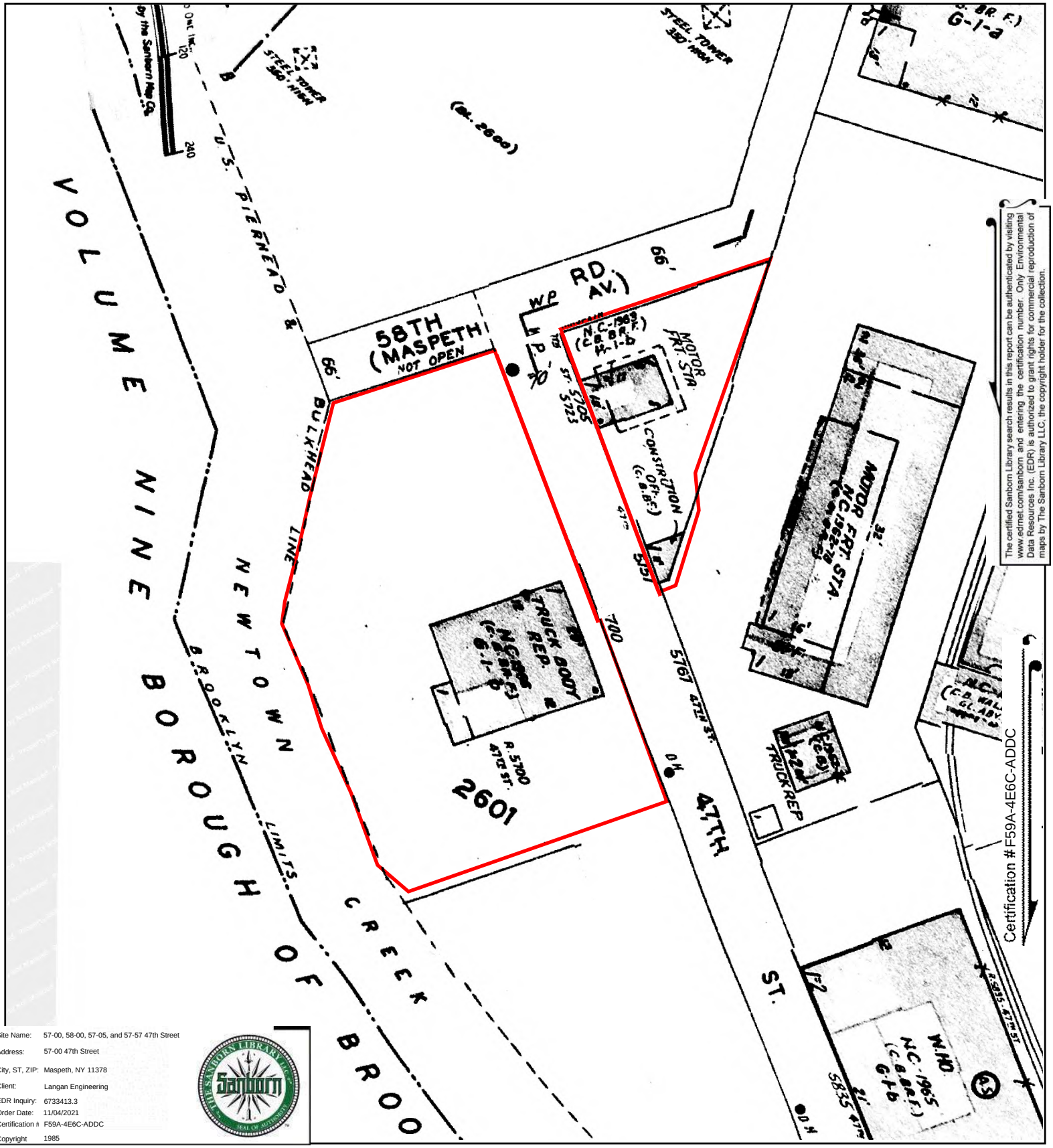

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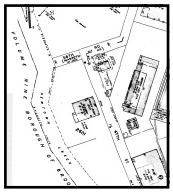

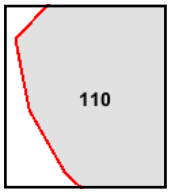

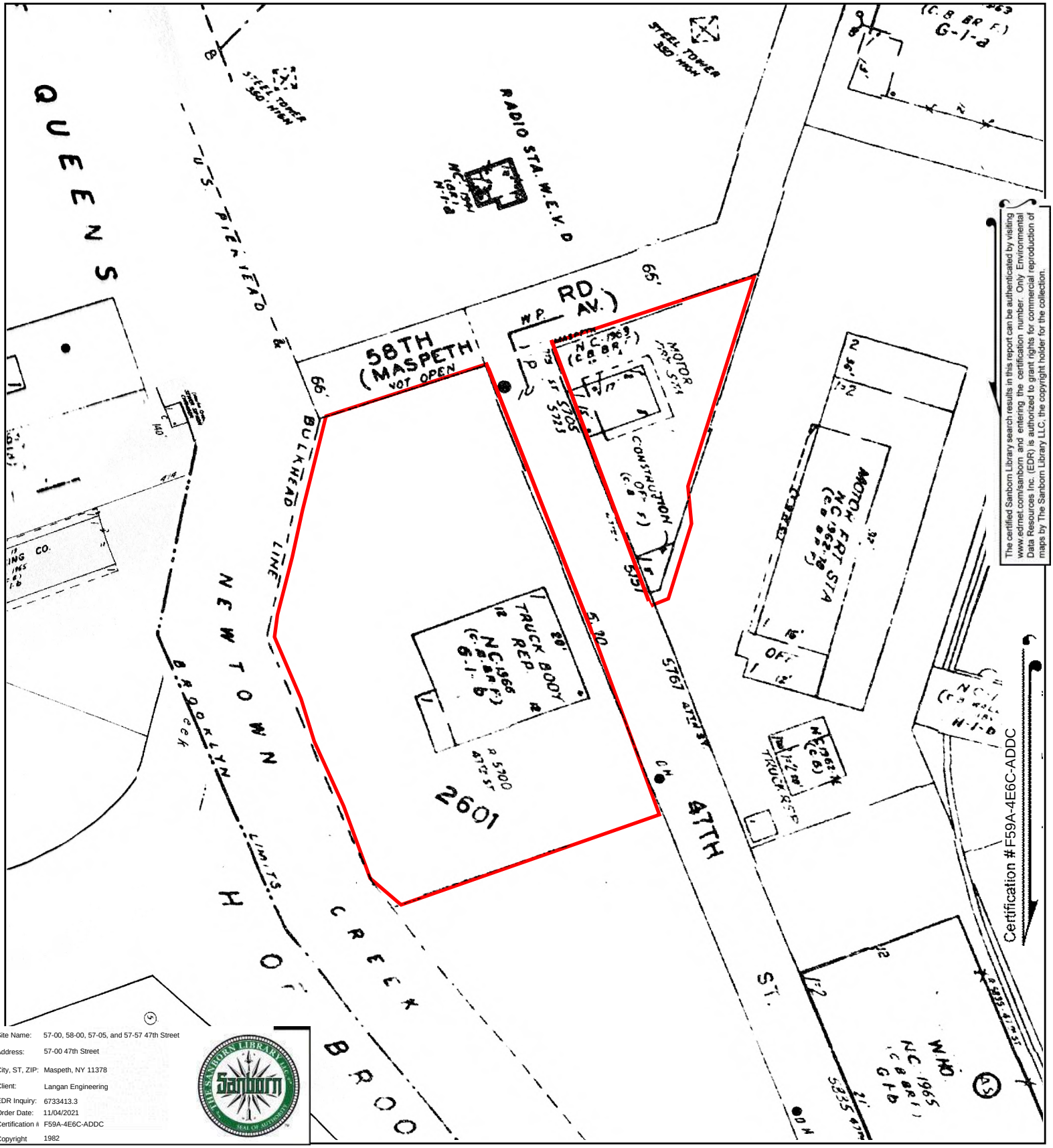

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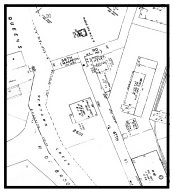

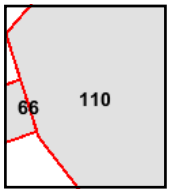

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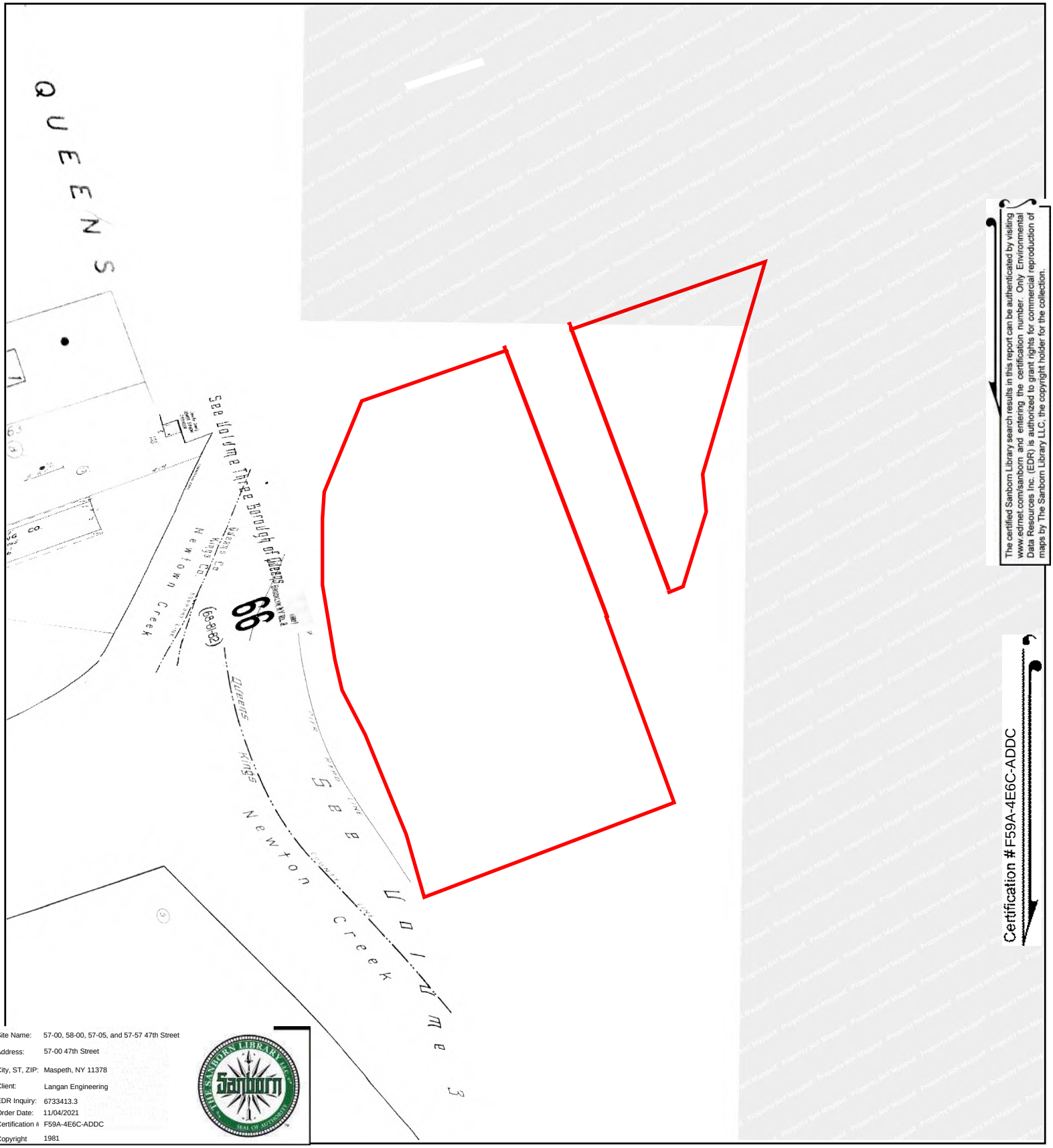

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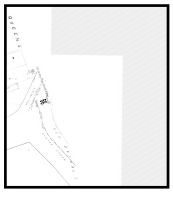

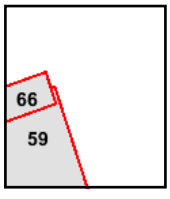

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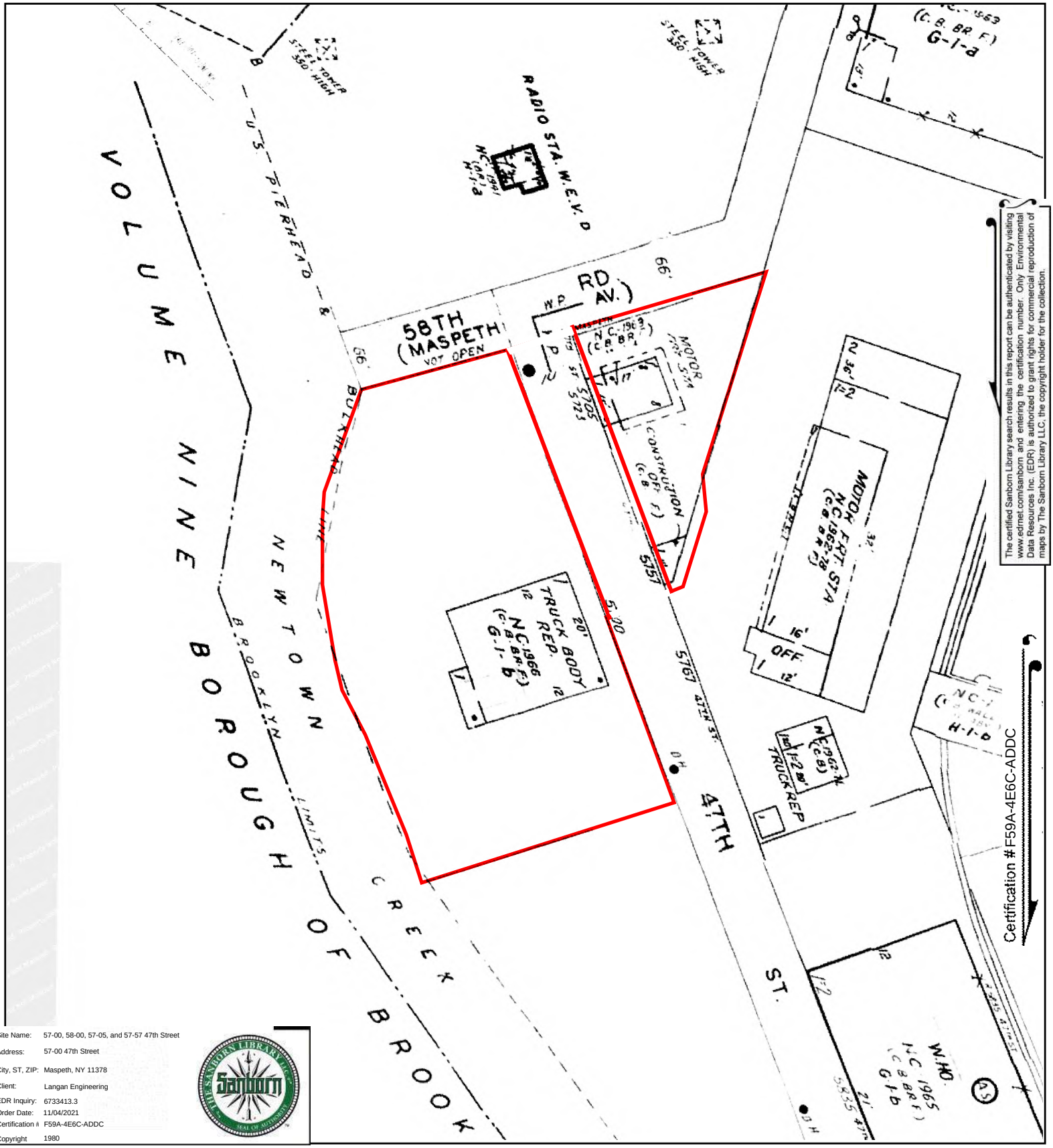

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Certification #:	F59A-4E6C-ADDC
Copyright	1980

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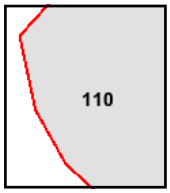

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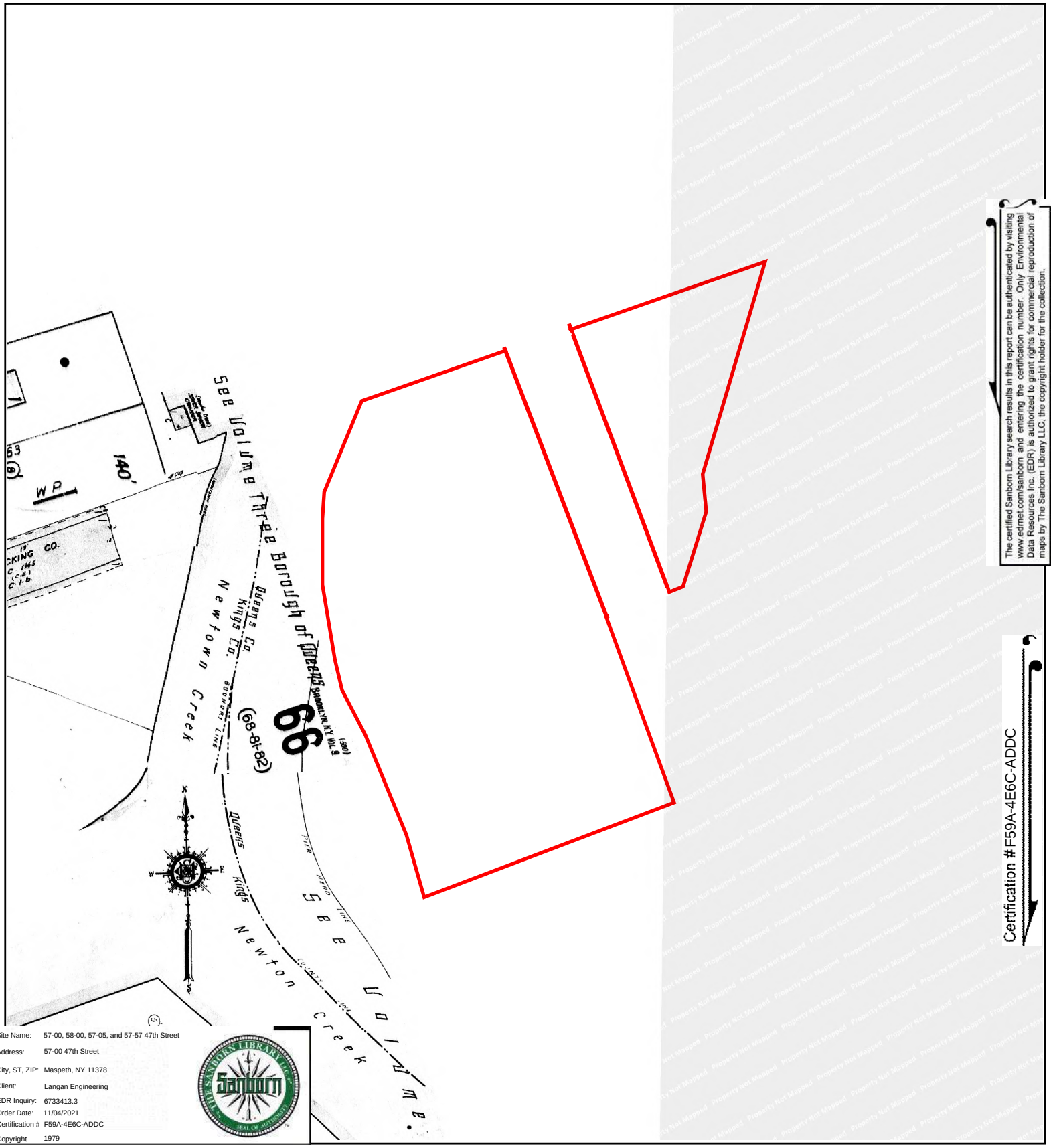

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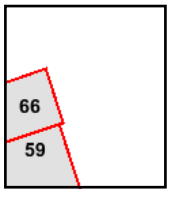

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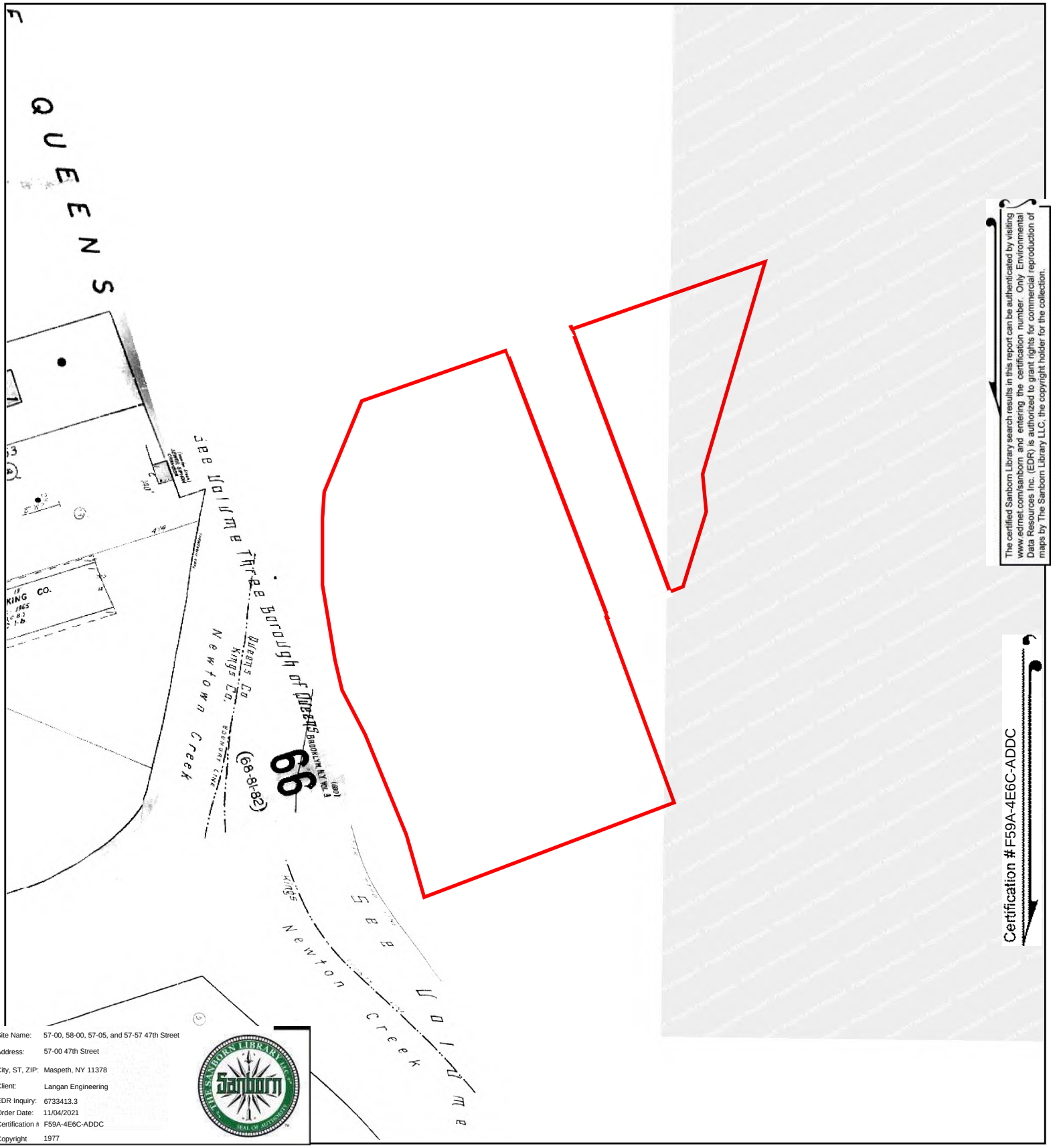

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Copyright	1977

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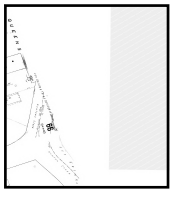

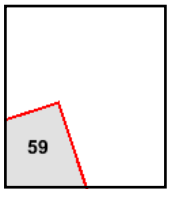

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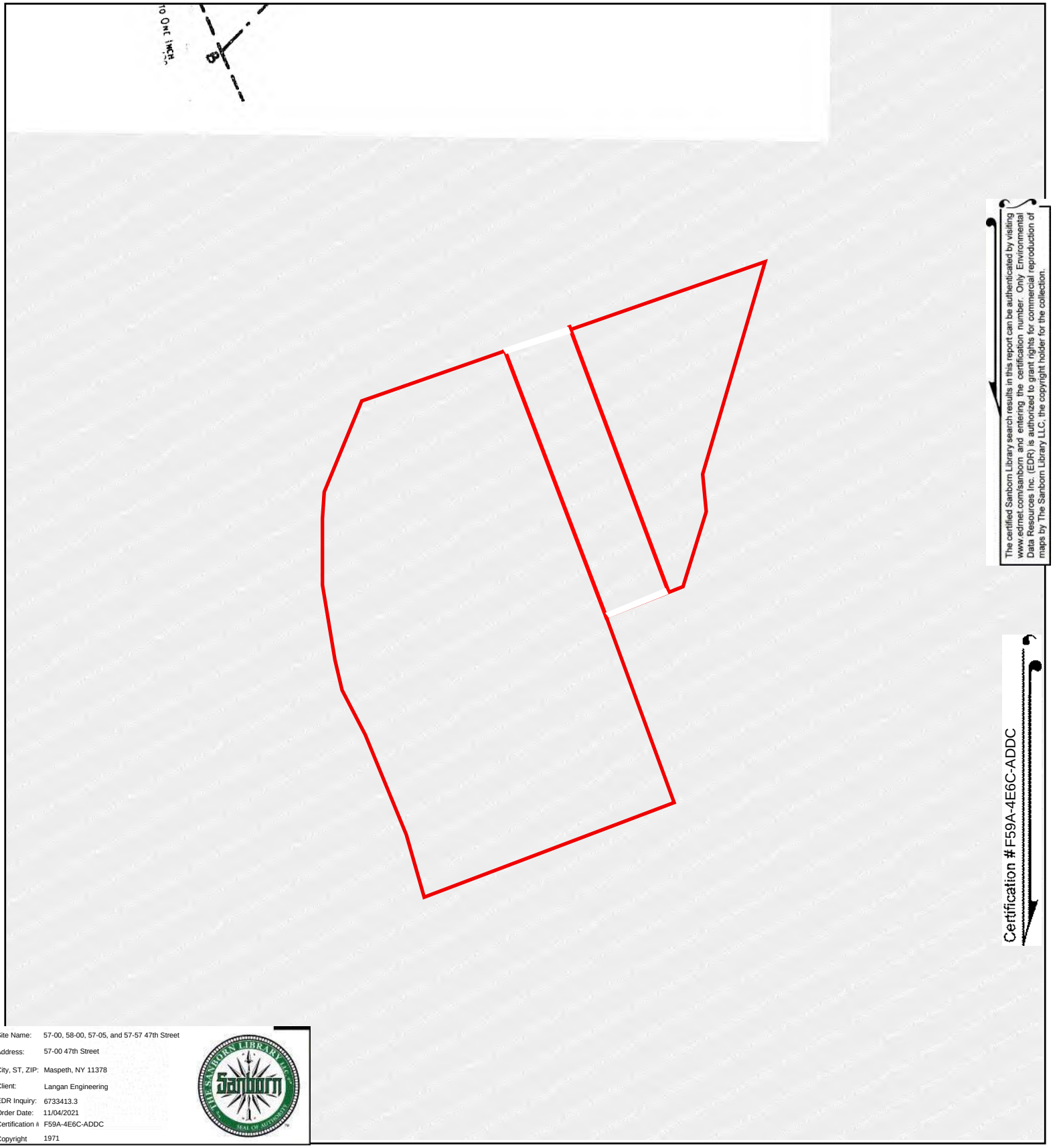

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Copyright	1971

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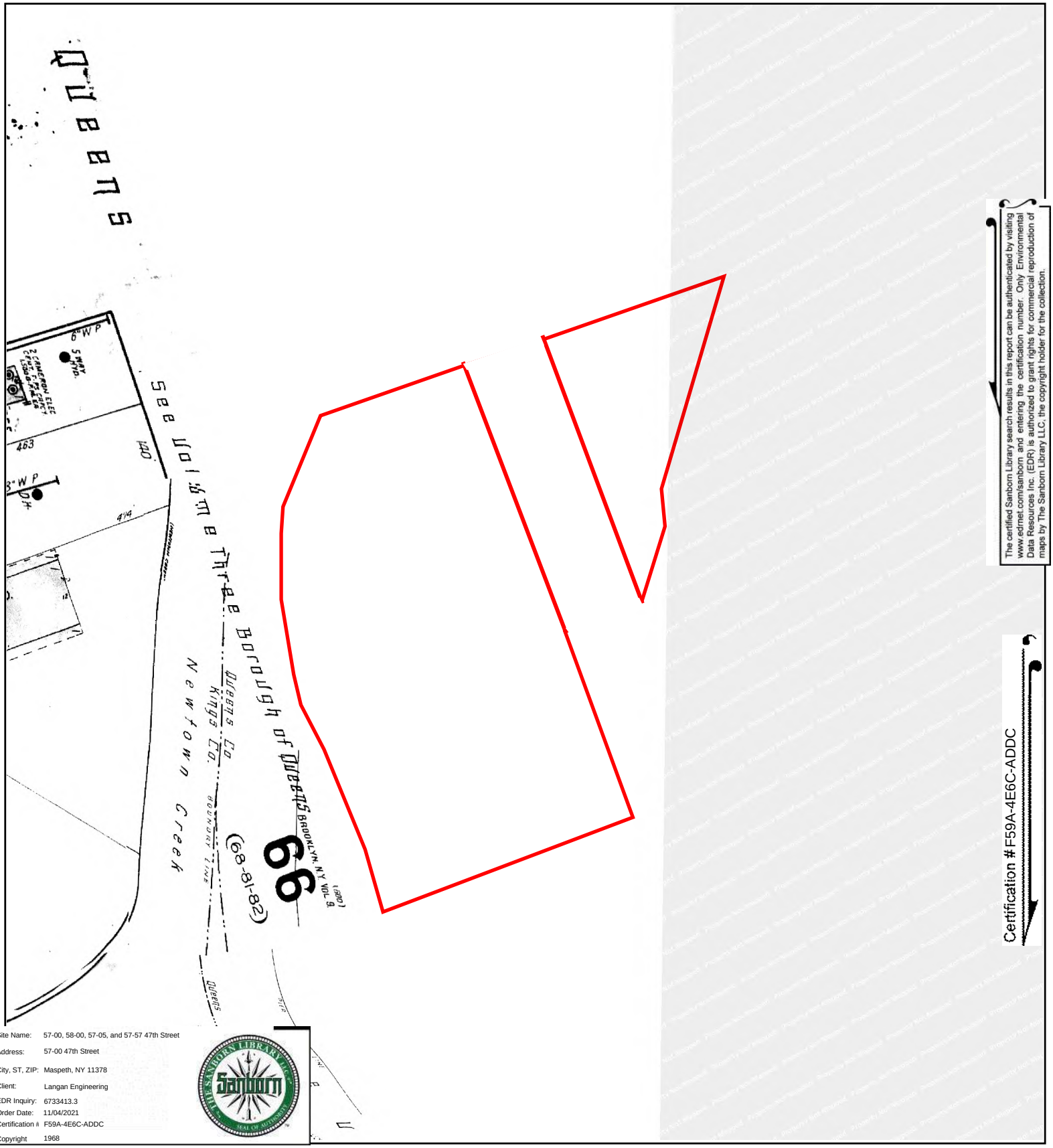

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Copyright	1968

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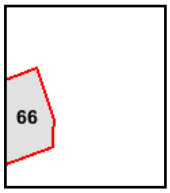

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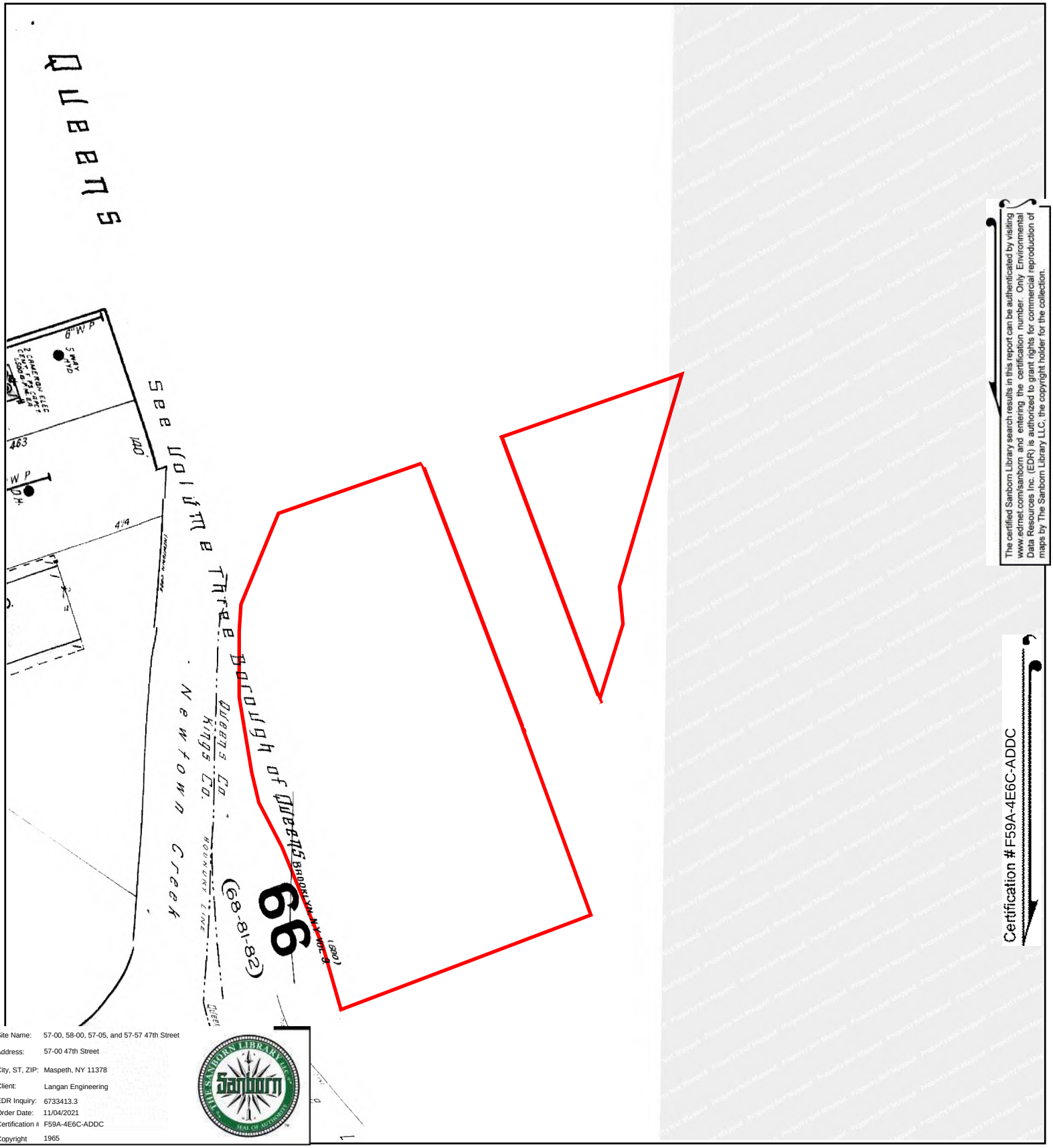

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Copyright	1965

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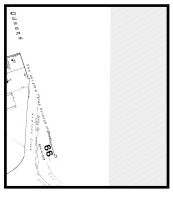

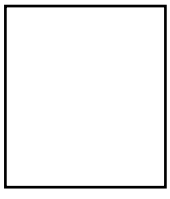

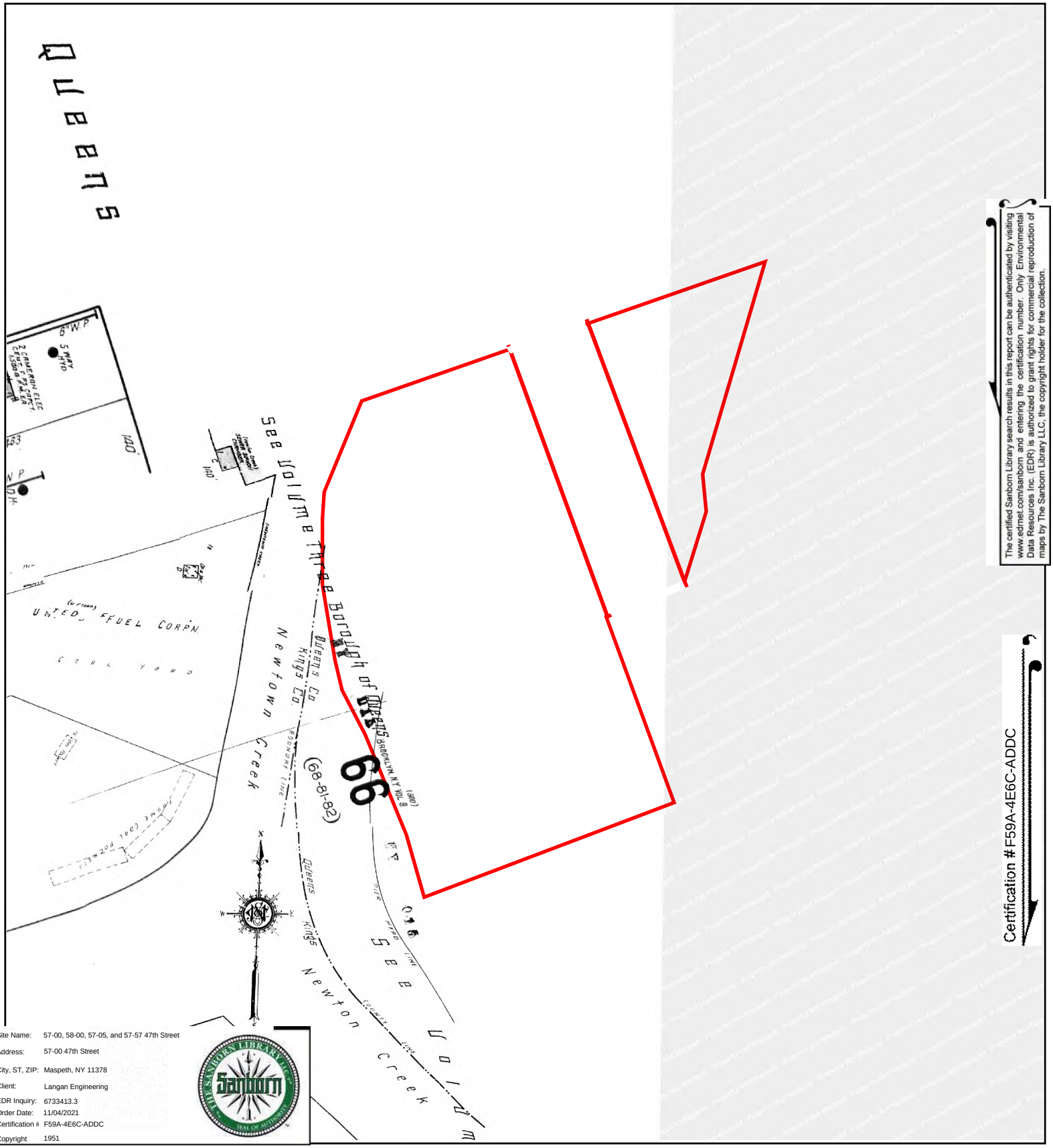

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Copyright	1951

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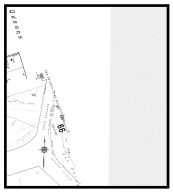

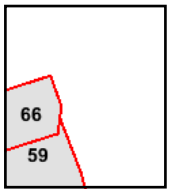

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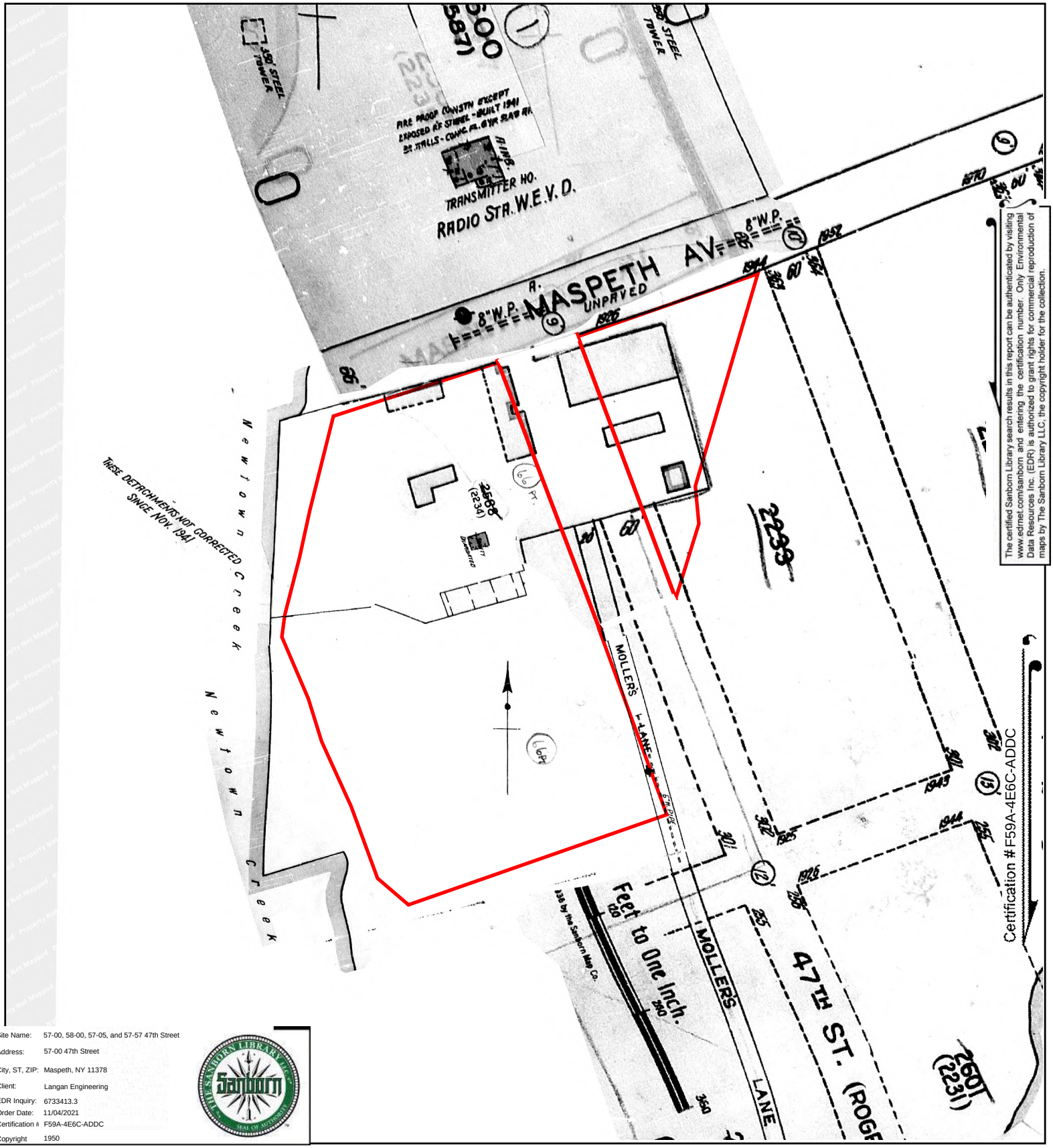

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Copyright	1950

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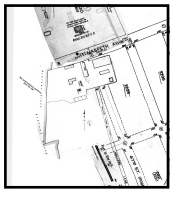

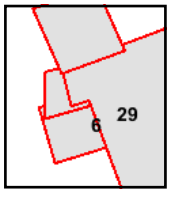

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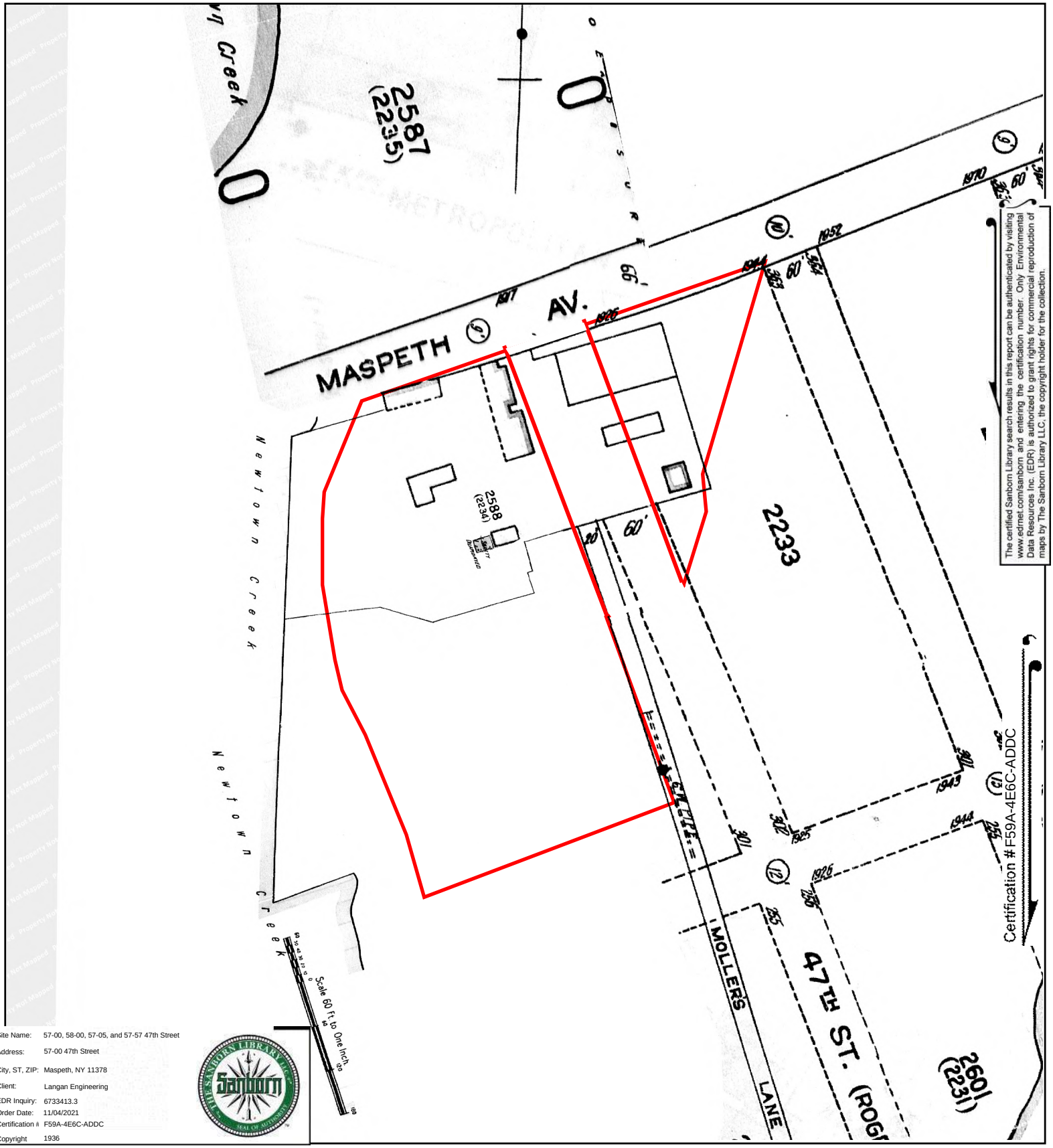

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Copyright	1936

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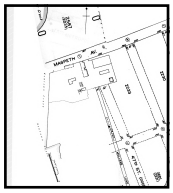

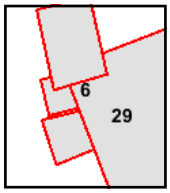

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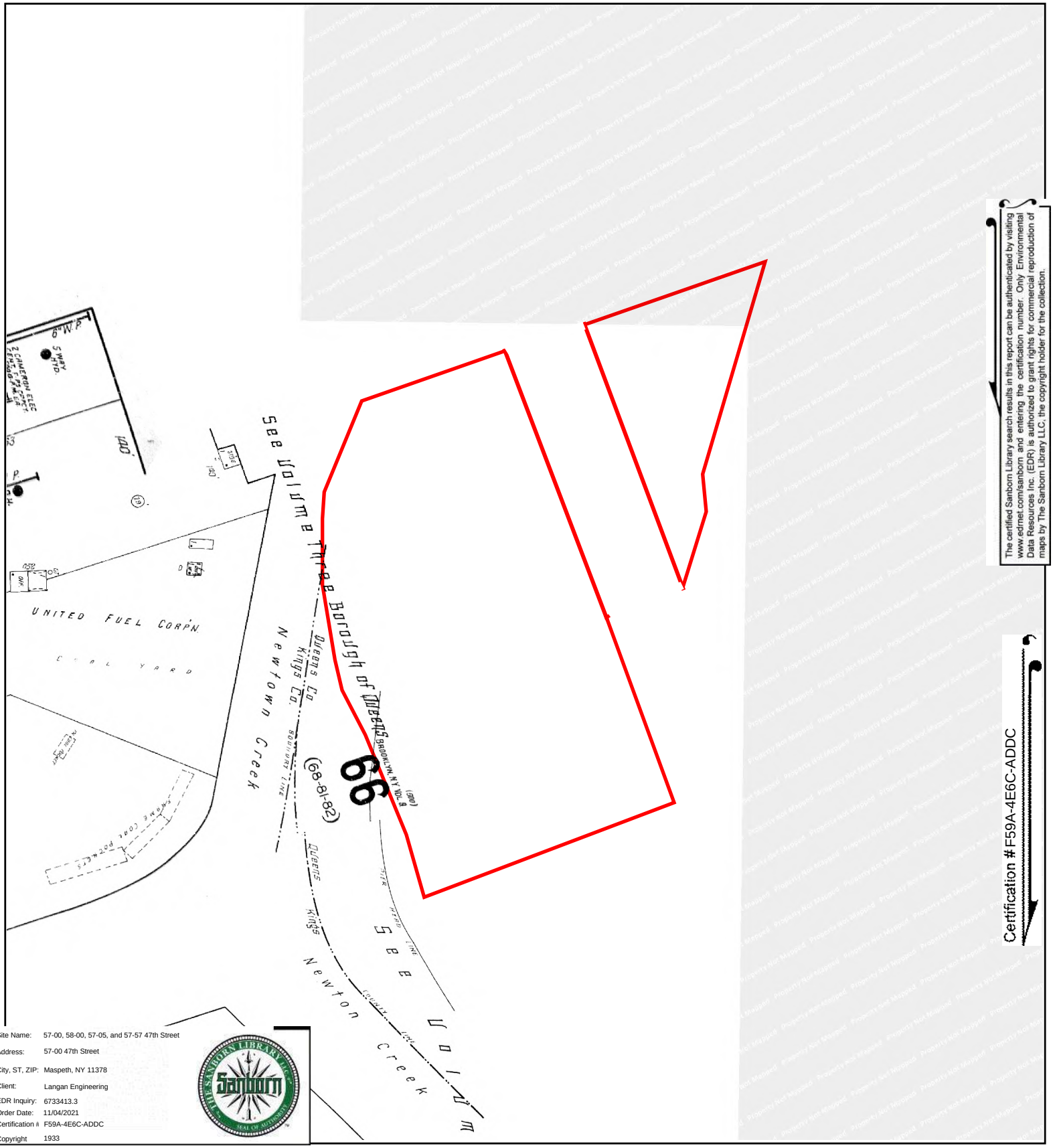

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Copyright	1933

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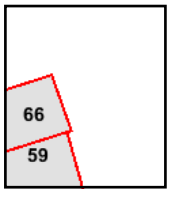

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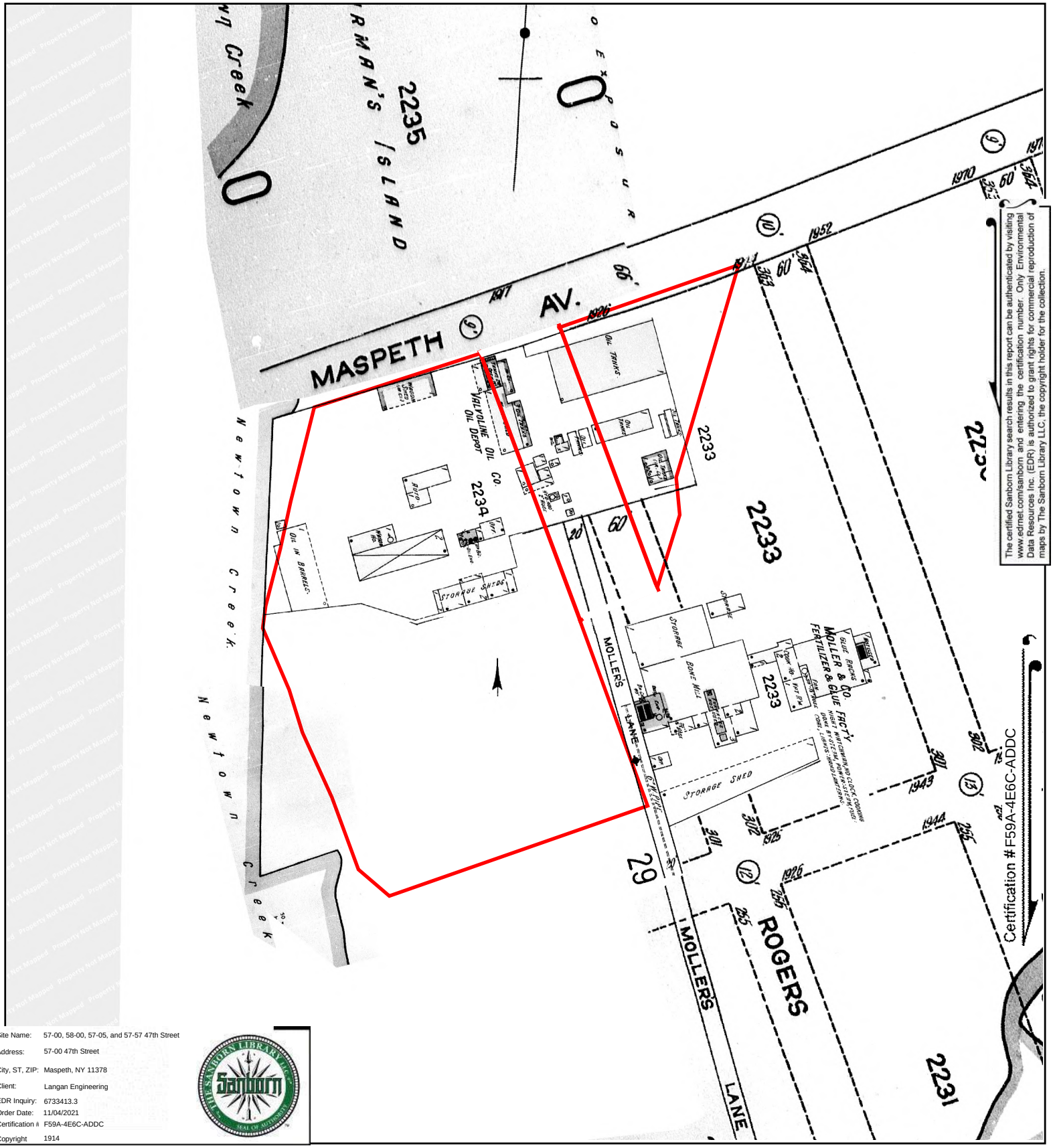

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Copyright	1914

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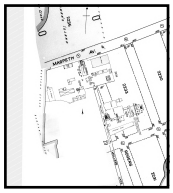

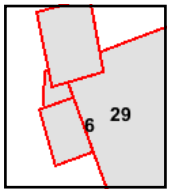

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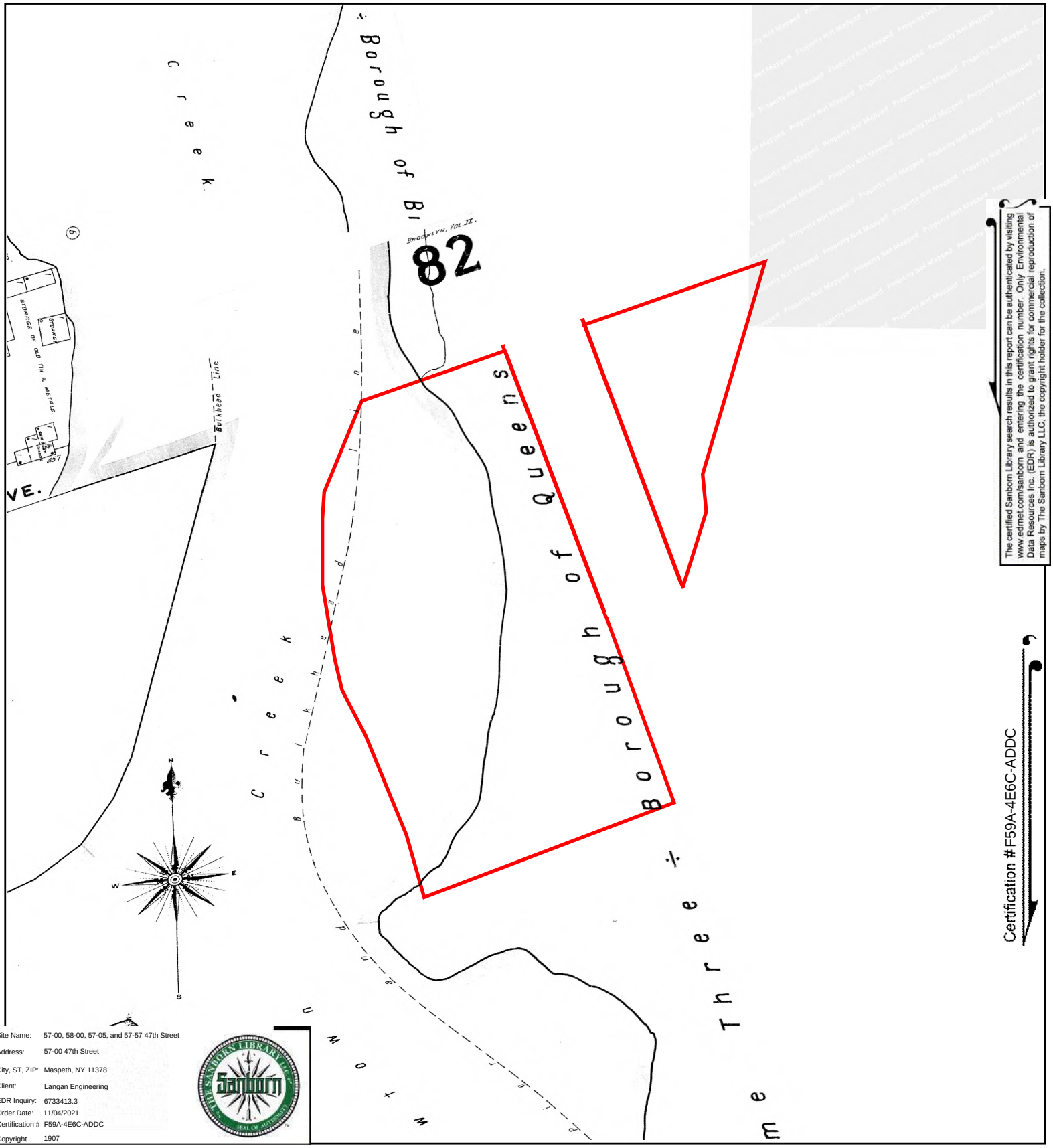

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Copyright	1907

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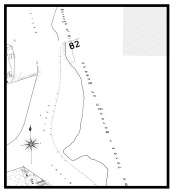

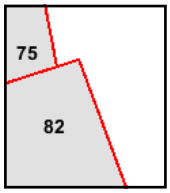

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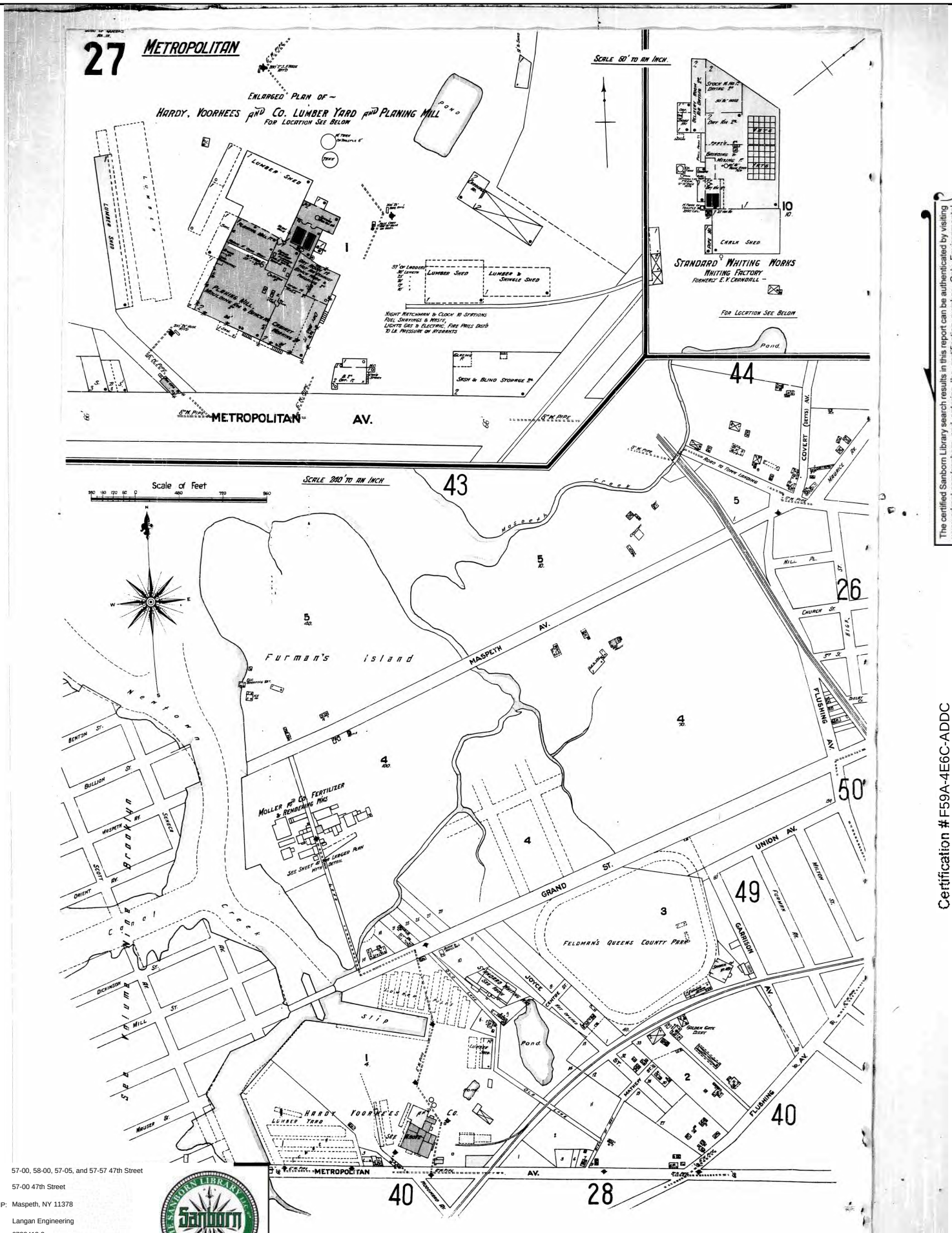

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Copyright	1902

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Copyright 1902

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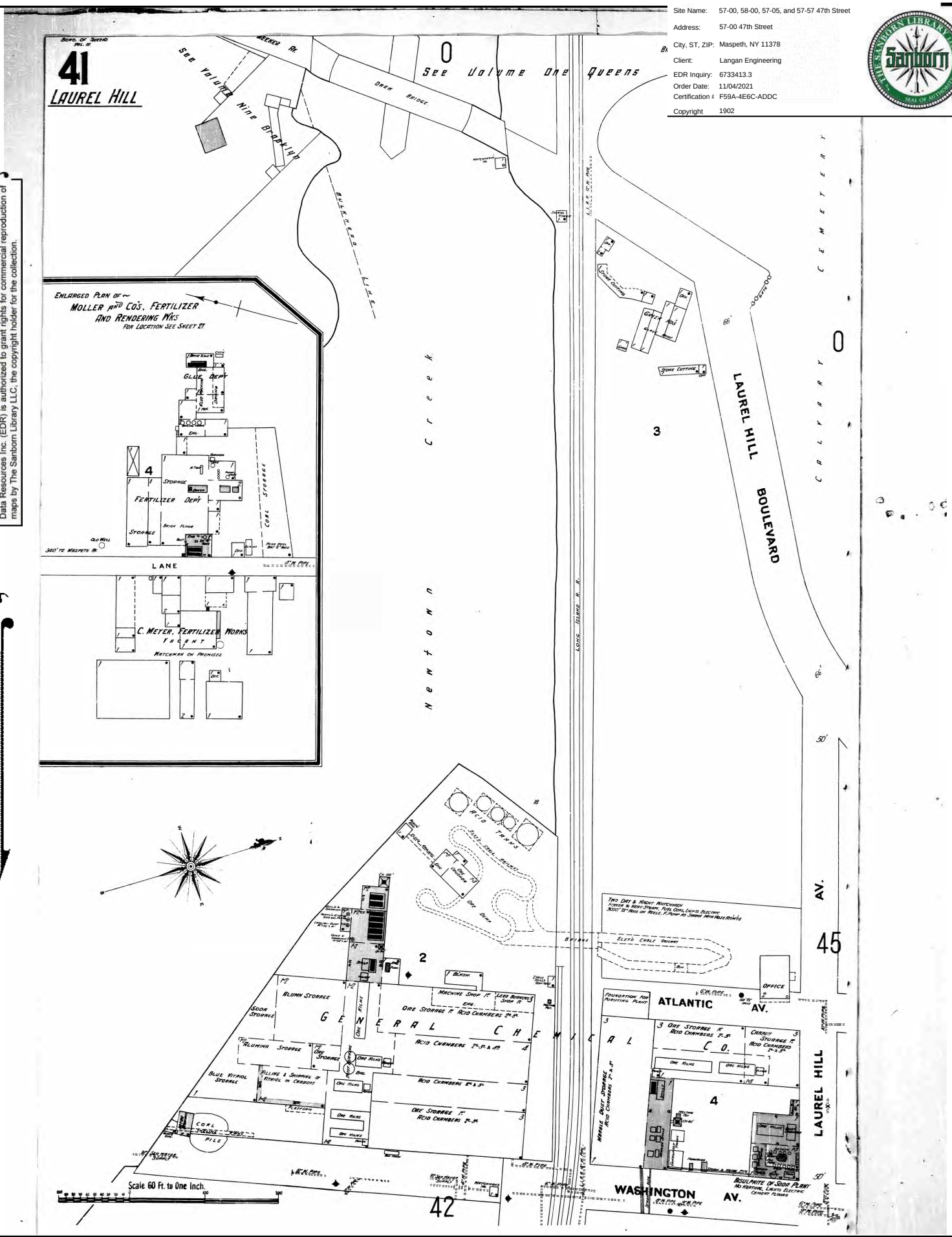

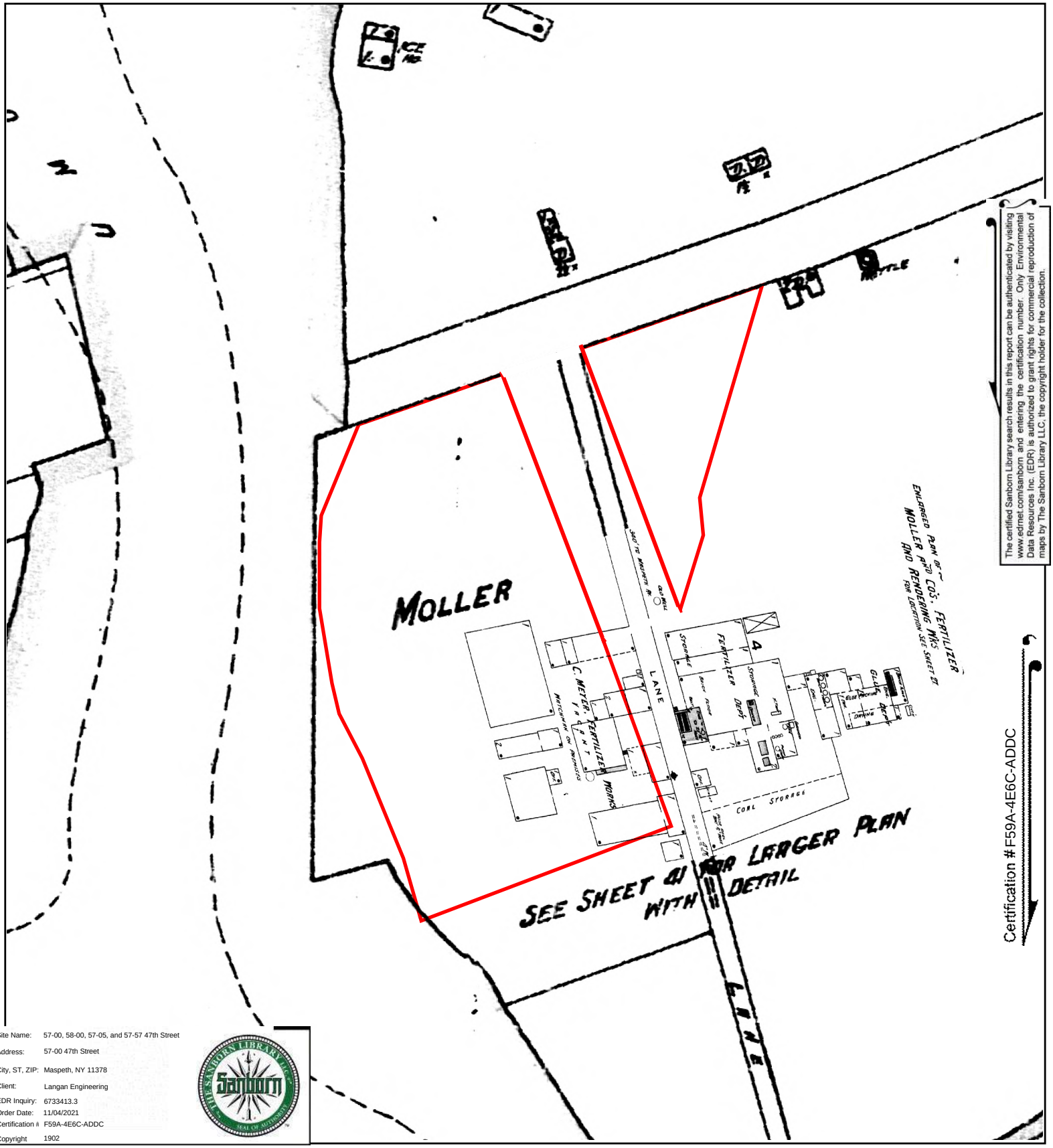

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Certification #:	F59A-4E6C-ADDC
Copyright	1902

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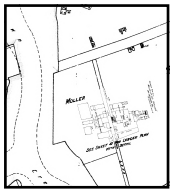

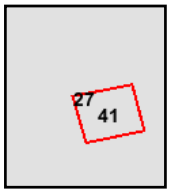

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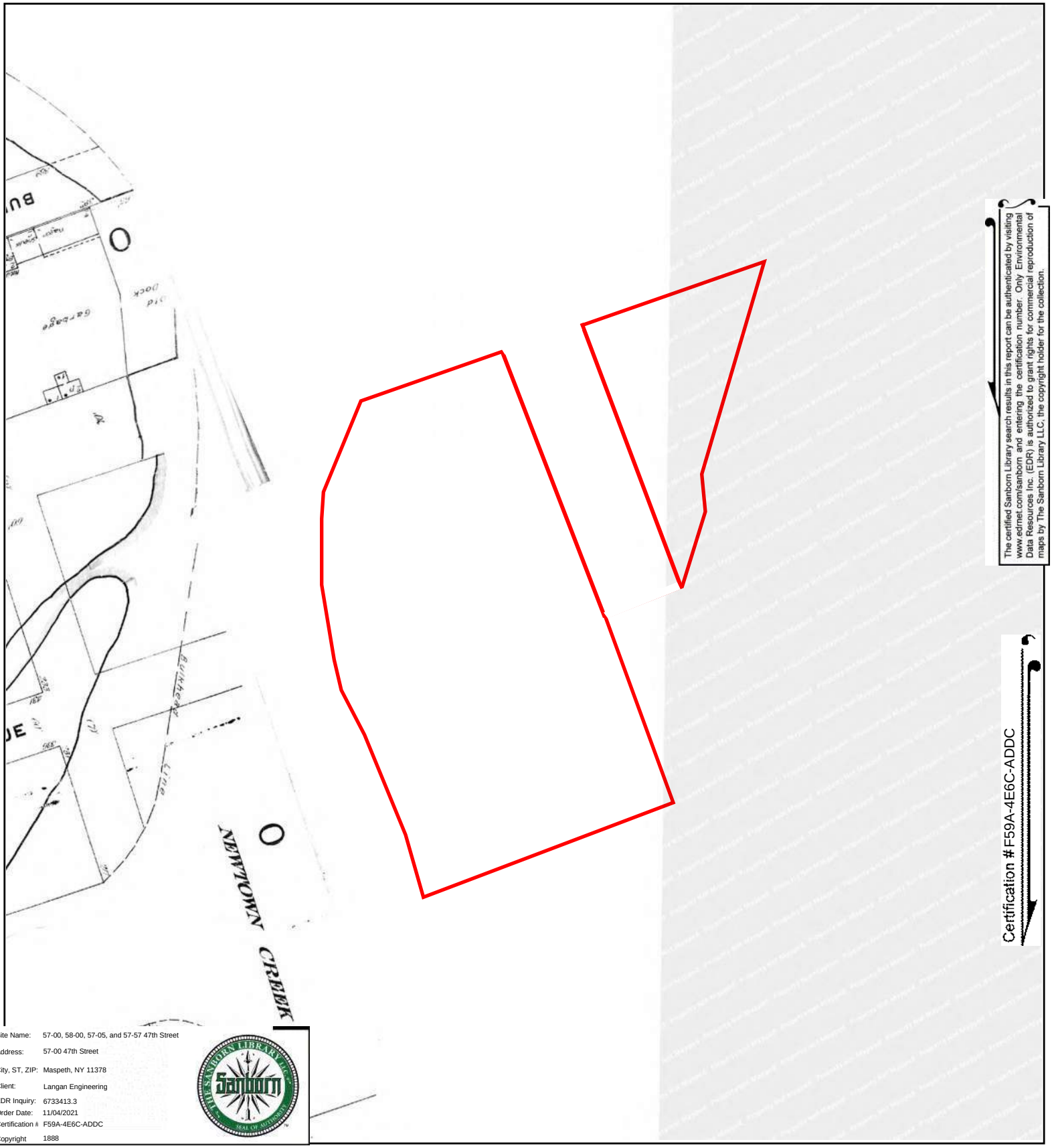
N



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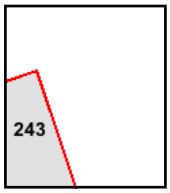
Certification #F59A-4E6C-ADDC

Site Name:	57-00, 58-00, 57-05, and 57-57 47th Street
Address:	57-00 47th Street
City, ST, ZIP:	Maspeth, NY 11378
Client:	Langan Engineering
EDR Inquiry:	6733413.3
Order Date:	11/04/2021
Certification #	F59A-4E6C-ADDC
Copyright	1888

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.



Volume 9, Sheet 243

0 Feet 150 300 600

N

57-00, 58-00, 57-05, and 57-57 47th Street

57-00 47th Street

Maspeth, NY 11378

Inquiry Number: 6733413.4

November 03, 2021

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

11/03/21

Site Name:

57-00, 58-00, 57-05, and 57-57
57-00 47th Street
Maspeth, NY 11378
EDR Inquiry # 6733413.4

Client Name:

Langan Engineering
300 Kimball Drive, 4th Floor
Parsippany, NJ 07054-2172
Contact: Rebekah Diehl

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Langan Engineering were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

P.O.# NA

Project: 100965501 - 47th Street

Coordinates:

Latitude:	40.719661 40° 43' 11" North
Longitude:	-73.923175 -73° 55' 23" West
UTM Zone:	Zone 18 North
UTM X Meters:	590946.06
UTM Y Meters:	4508195.09
Elevation:	6.90' above sea level

Maps Provided:

2013	1897
1995	
1979	
1967	
1956	
1947	
1900	
1898	

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2013 Source Sheets

Brooklyn
2013
7.5-minute, 24000

1995 Source Sheets

Brooklyn
1995
7.5-minute, 24000
Aerial Photo Revised 1977

1979 Source Sheets

Brooklyn
1979
7.5-minute, 24000
Aerial Photo Revised 1977

1967 Source Sheets

Brooklyn
1967
7.5-minute, 24000
Aerial Photo Revised 1966

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1956 Source Sheets

Brooklyn
1956
7.5-minute, 24000

1947 Source Sheets

Brooklyn
1947
7.5-minute, 24000
Aerial Photo Revised 1940

1900 Source Sheets

Brooklyn
1900
15-minute, 62500

1898 Source Sheets

Brooklyn
1898
15-minute, 62500

Topo Sheet Key

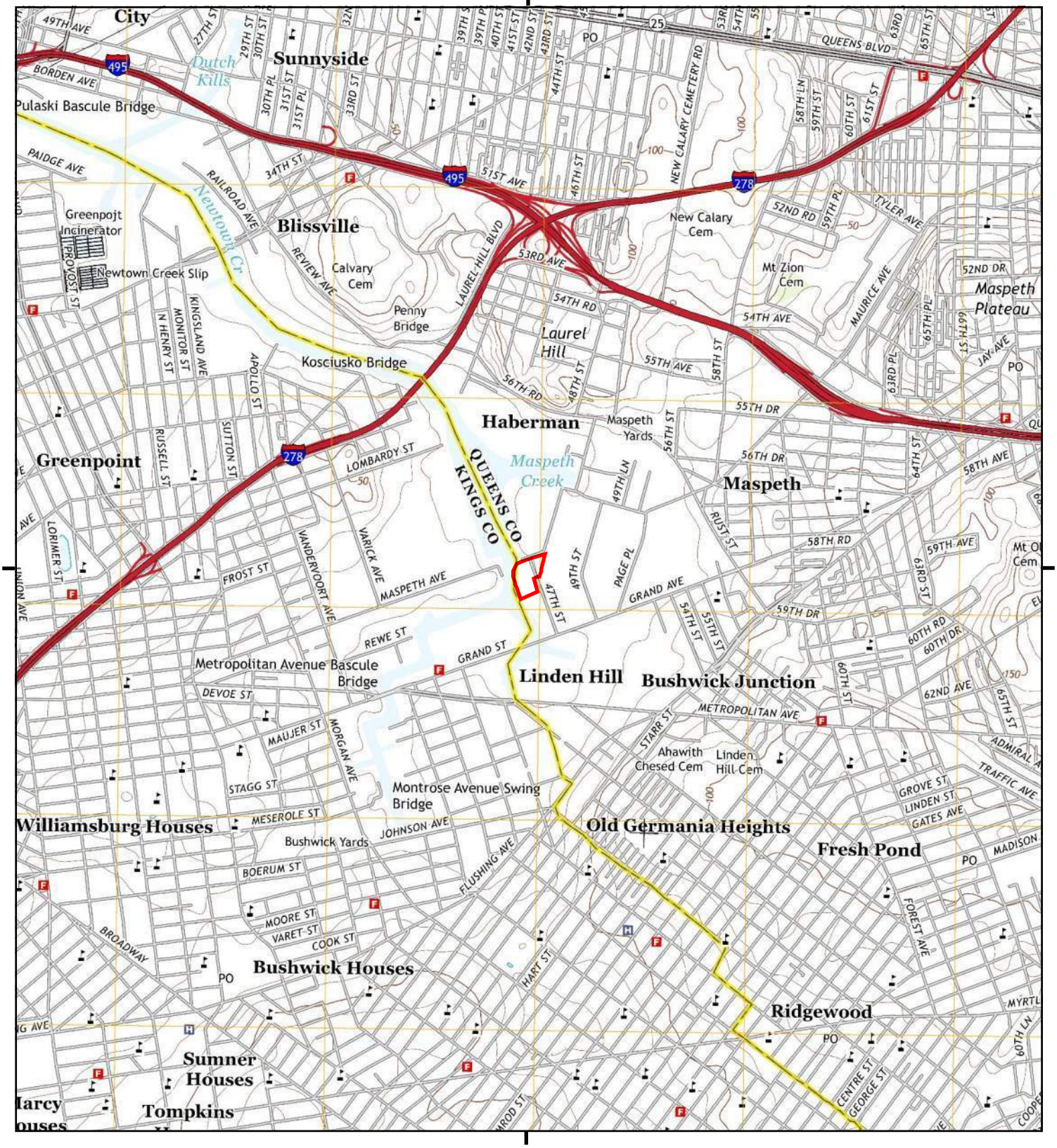
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1897 Source Sheets

Brooklyn
1897
15-minute, 62500

Historical Topo Map

2013



This report includes information from the following map sheet(s).

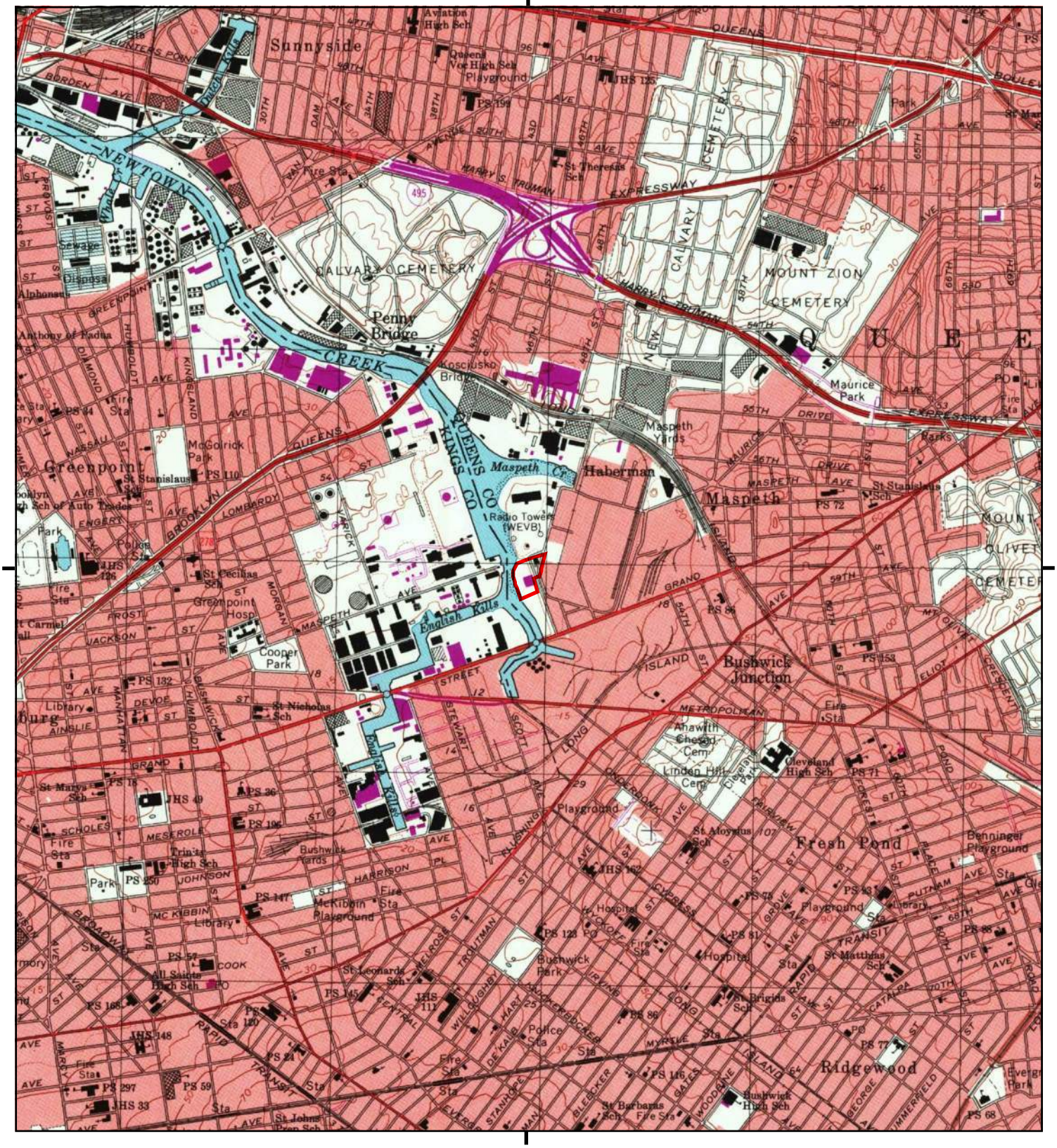
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Brooklyn, 2013, 7.5-minute

SITE NAME: 57-00, 58-00, 57-05, and 57-57 47th Stree
ADDRESS: 57-00 47th Street
Maspeth, NY 11378
CLIENT: Langan Engineering

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

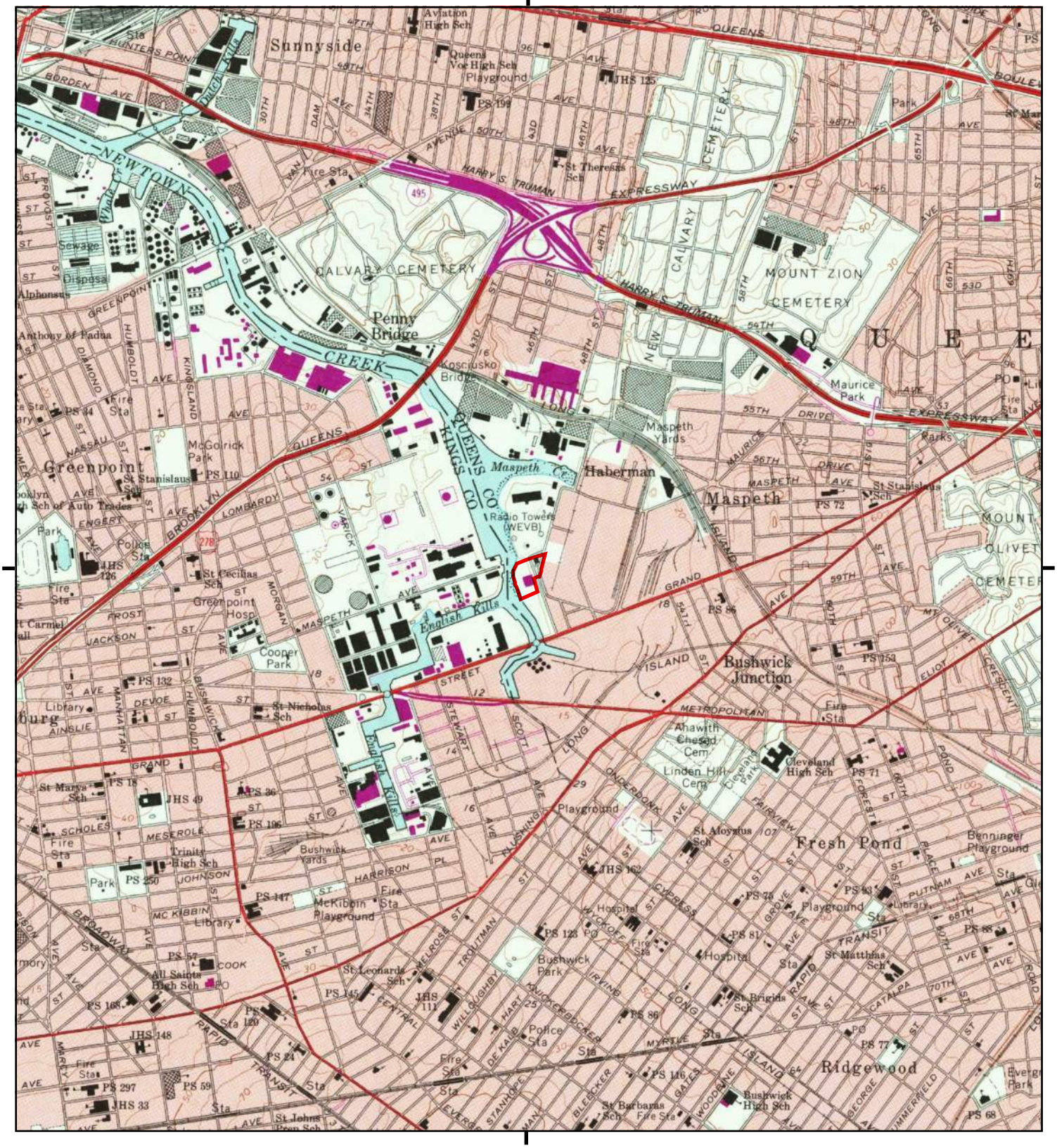
TP, Brooklyn, 1995, 7.5-minute

SITE NAME: 57-00, 58-00, 57-05, and 57-57 47th Stree
ADDRESS: 57-00 47th Street
Maspeth, NY 11378
CLIENT: Langan Engineering

N

Historical Topo Map

1979



This report includes information from the following map sheet(s).

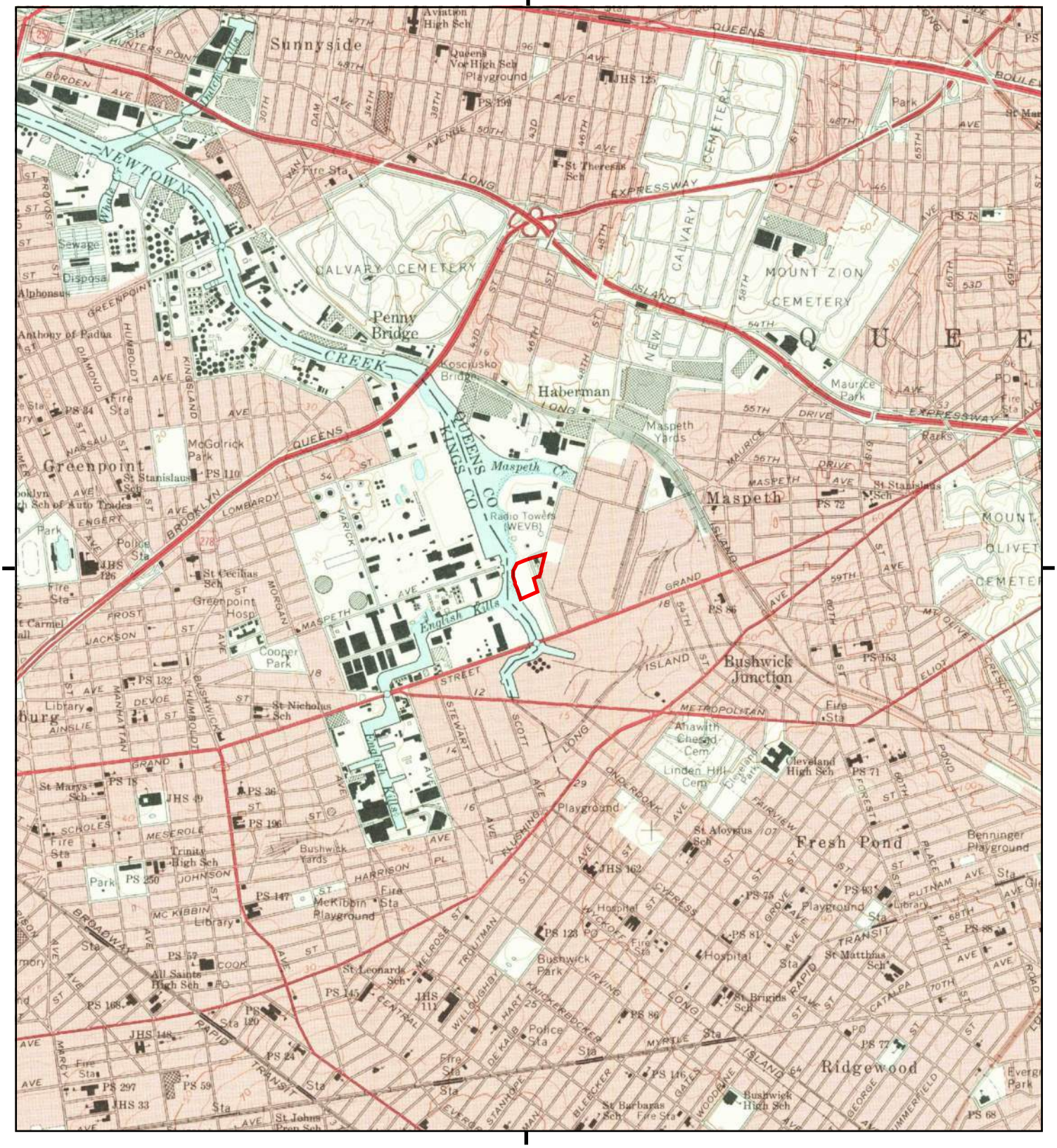
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Brooklyn, 1979, 7.5-minute

SITE NAME: 57-00, 58-00, 57-05, and 57-57 47th Stree
ADDRESS: 57-00 47th Street
Maspeth, NY 11378
CLIENT: Langan Engineering

N



This report includes information from the following map sheet(s).

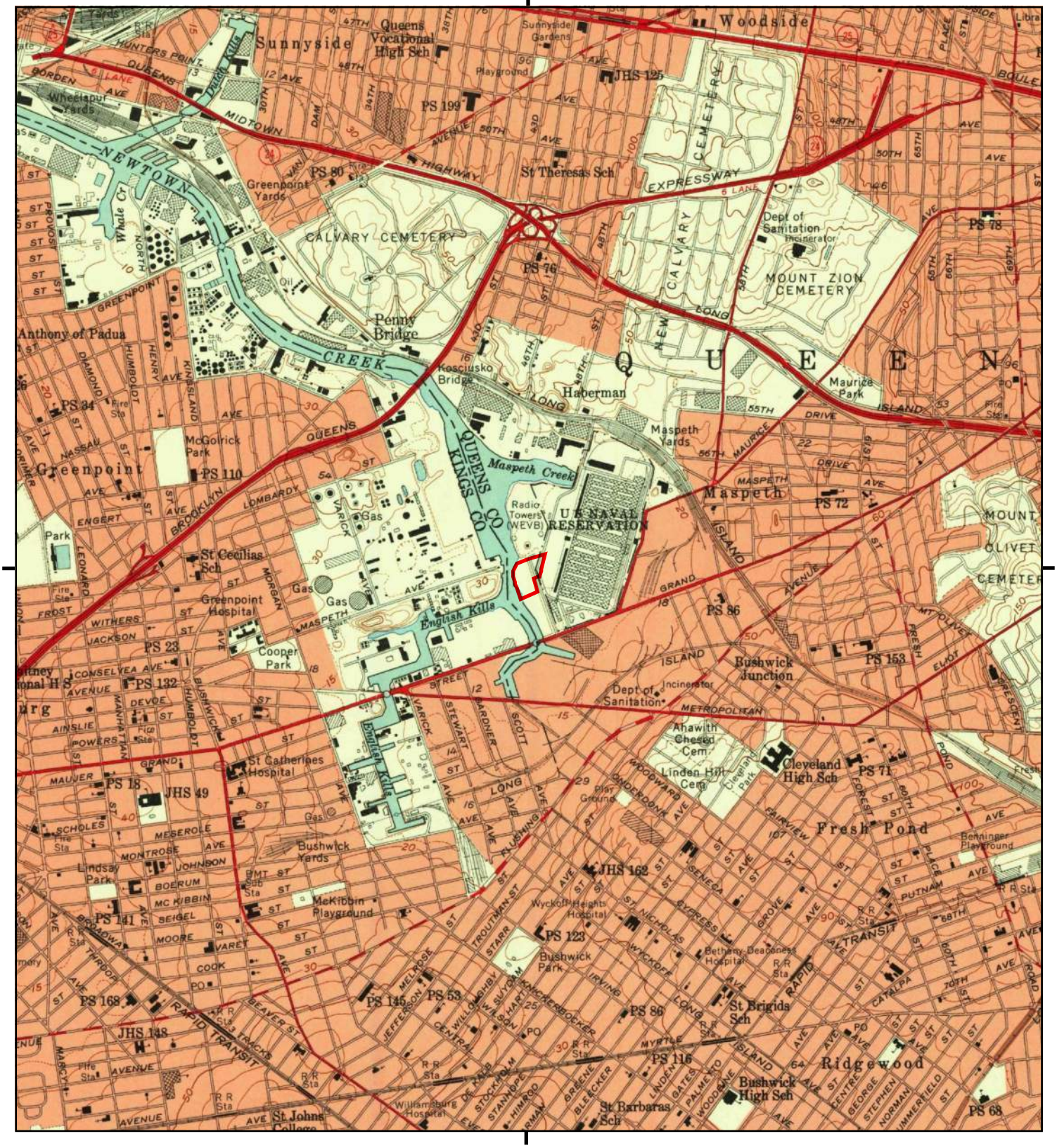
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Brooklyn, 1967, 7.5-minute

SITE NAME: 57-00, 58-00, 57-05, and 57-57 47th Stre
ADDRESS: 57-00 47th Street
Maspeth, NY 11378
CLIENT: Langan Engineering

N



This report includes information from the following map sheet(s).

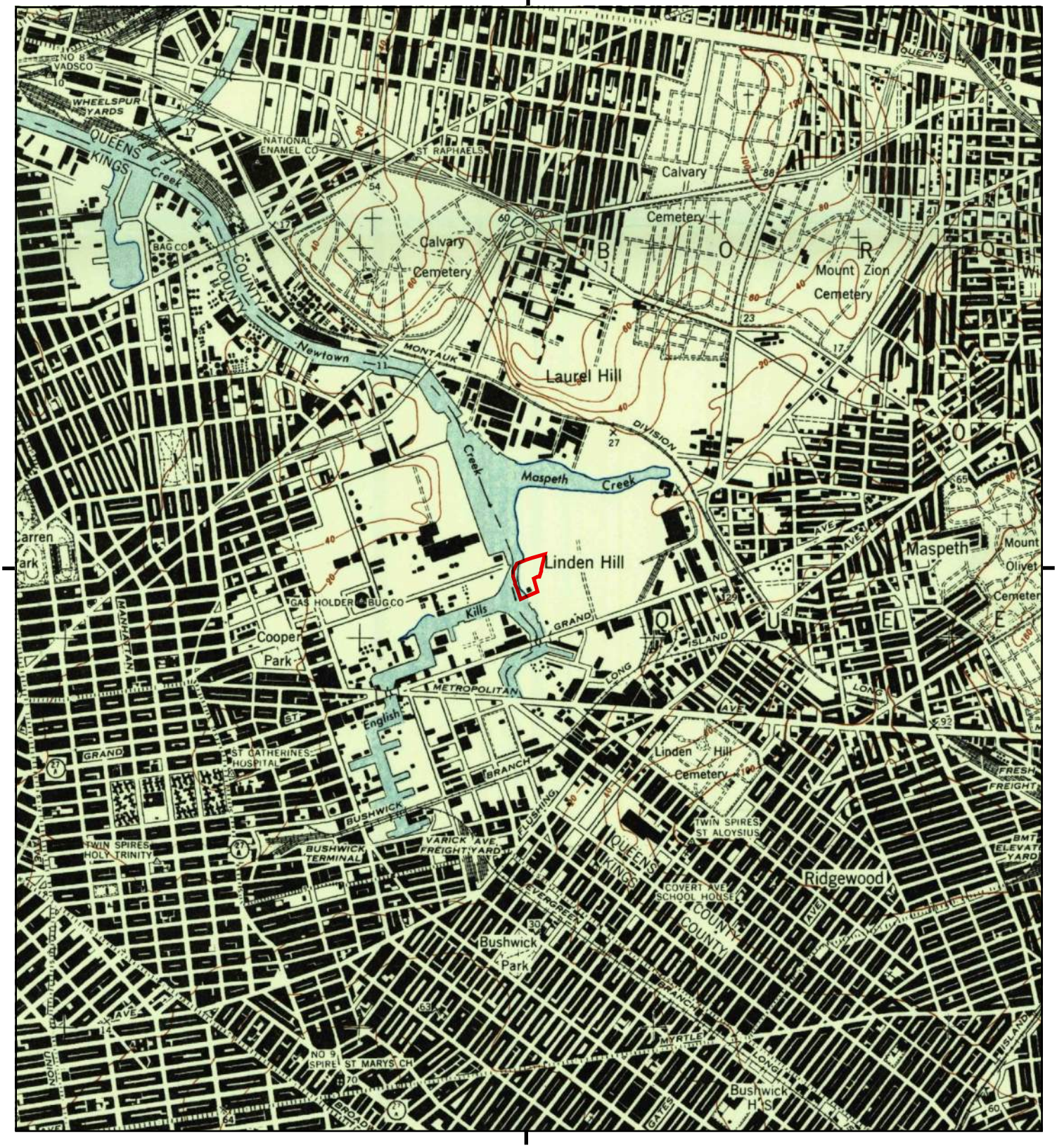
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Brooklyn, 1956, 7.5-minute

SITE NAME: 57-00, 58-00, 57-05, and 57-57 47th Stre
ADDRESS: 57-00 47th Street
Maspeth, NY 11378
CLIENT: Langan Engineering

N



This report includes information from the following map sheet(s).

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NW N NE
W E
SW S SE

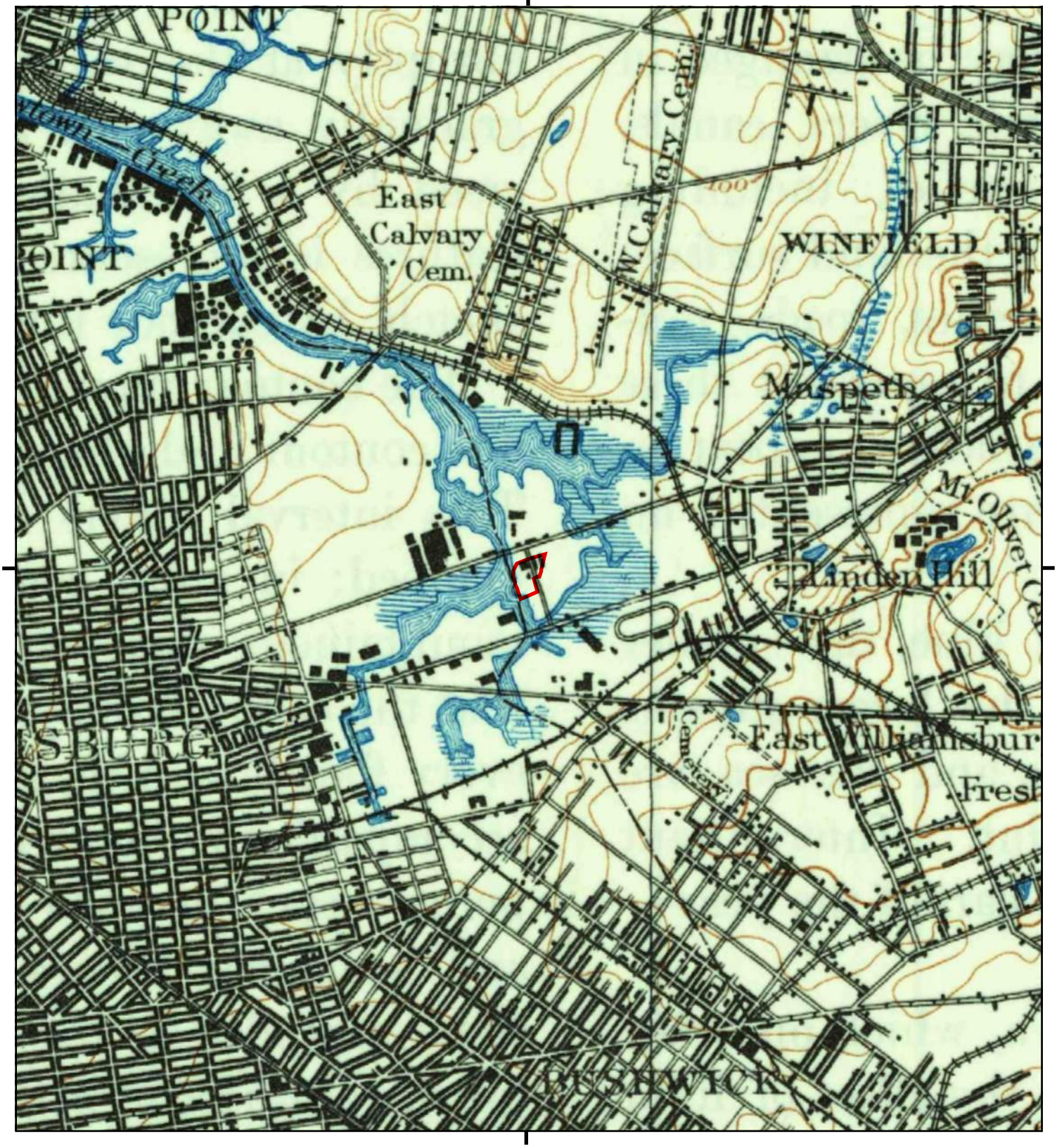
TP, Brooklyn, 1947, 7.5-minute

SITE NAME: 57-00, 58-00, 57-05, and 57-57 47th Stree
ADDRESS: 57-00 47th Street
Maspeth, NY 11378
CLIENT: Langan Engineering

N

Historical Topo Map

1900



This report includes information from the following map sheet(s).

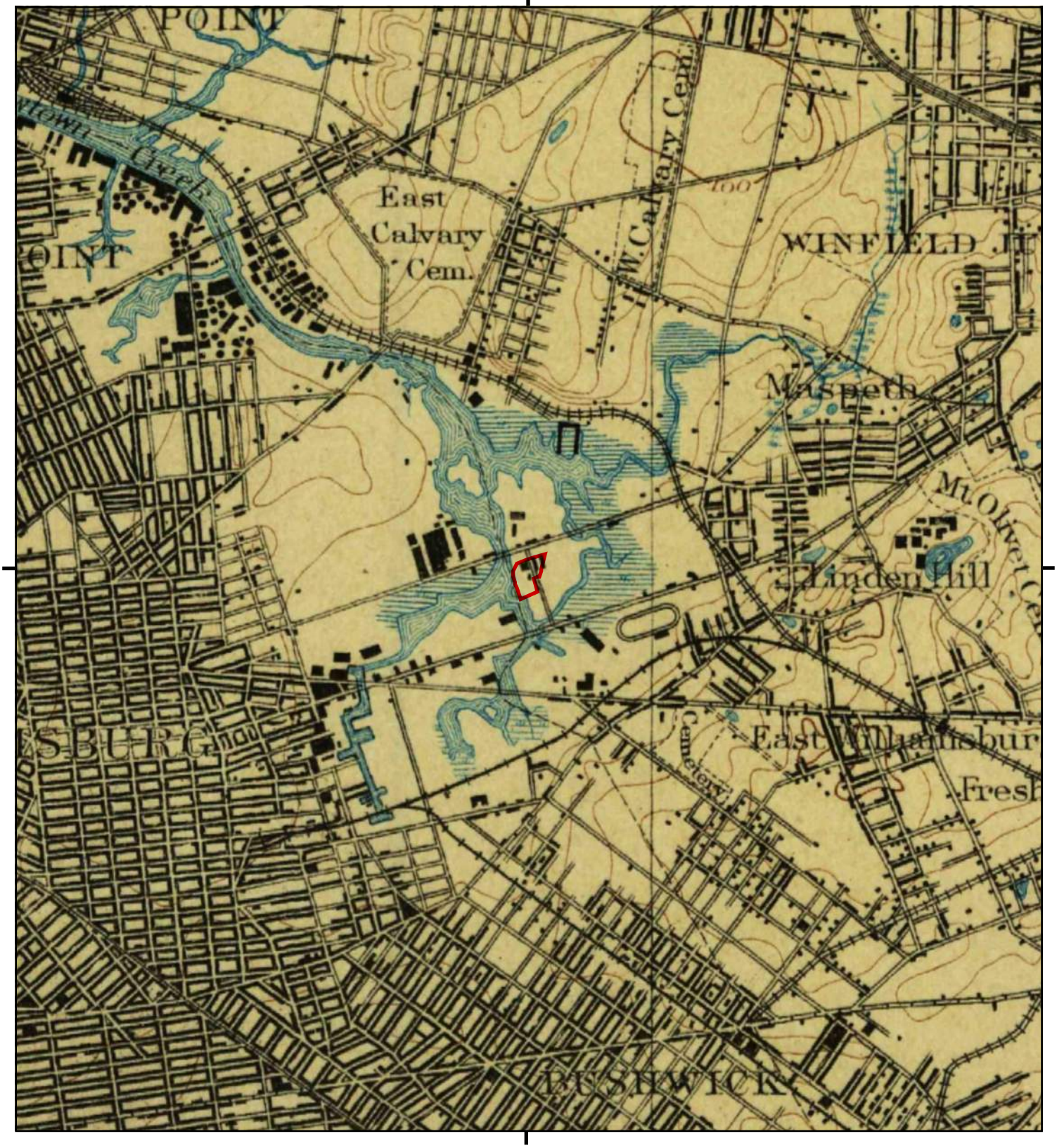
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Brooklyn, 1900, 15-minute

SITE NAME: 57-00, 58-00, 57-05, and 57-57 47th Stree
ADDRESS: 57-00 47th Street
Maspeth, NY 11378
CLIENT: Langan Engineering

N



This report includes information from the following map sheet(s).

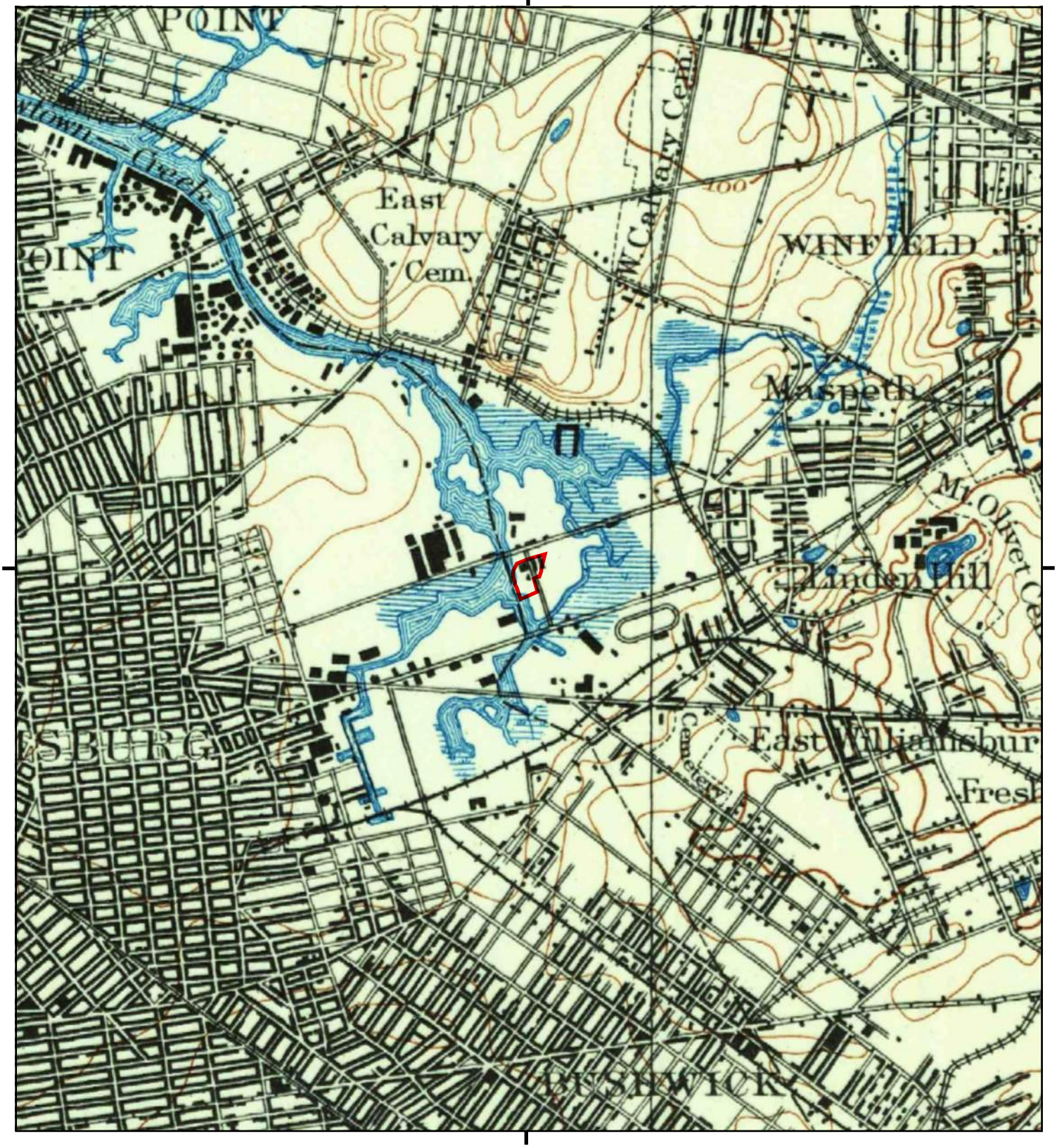
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Brooklyn, 1898, 15-minute

SITE NAME: 57-00, 58-00, 57-05, and 57-57 47th Stree
ADDRESS: 57-00 47th Street
Maspeth, NY 11378
CLIENT: Langan Engineering

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Brooklyn, 1897, 15-minute

SITE NAME: 57-00, 58-00, 57-05, and 57-57 47th Stre
ADDRESS: 57-00 47th Street
Maspeth, NY 11378
CLIENT: Langan Engineering

N

57-00, 58-00, 57-05, and 57-57 47th Street
57-00 47th Street
Maspeth, NY 11378

Inquiry Number: 6733413.5
November 04, 2021

The EDR-City Directory Abstract

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1922 through 2017. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 200 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2017	Cole Information Services	-	X	X	-
2014	Cole Information Services	-	X	X	-
2009	Cole Information Services	-	X	X	-
2005	Hill-Donnelly Information Services	-	X	X	-
	Hill-Donnelly Information Services	X	X	X	-
2004	Cole Information Services	-	X	X	-
2000	Cole Information Services	-	X	X	-
	Cole Information Services	X	X	X	-
1999	Cole Information Services	-	X	X	-
1996	NYNEX	-	-	-	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1994	Cole Information Services	-	X	X	-
1991	NYNEX Information Resource Company	-	X	X	-
	NYNEX Information Resource Company	X	X	X	-
1983	New York Telephone	-	X	X	-
	New York Telephone	X	X	X	-
1976	New York Telephone	-	X	X	-
	New York Telephone	X	X	X	-
1970	New York Telephone	-	X	X	-
	New York Telephone	X	X	X	-
1967	New York Telephone	-	X	X	-
	New York Telephone	X	X	X	-
1962	New York Telephone Directory	-	X	X	-
1950	New York Telephone	-	-	-	-
1945	New York Telephone	-	-	-	-
1939	New York Telephone Company	-	X	X	-
1934	R. L. Polk & Co.	-	X	X	-
1922	H.C. Morris	-	-	-	-

EXECUTIVE SUMMARY

SELECTED ADDRESSES

The following addresses were selected by the client, for EDR to research. An "X" indicates where information was identified.

Address	*Type*	*Findings*
58-00 47th Street	Client Entered	
57-05 47th Street	Client Entered	
57-57 47th Street	Client Entered	

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

57-00 47th Street
Maspeth, NY 11378

FINDINGS DETAIL

Target Property research detail.

47TH ST

5700 47TH ST

Year	*Uses*	*Source*
2005	Alfredo Lamanna Trucking Inc	Hill-Donnelly Information Services
	Almar Sup	Hill-Donnelly Information Services
	Brookville Enterprises Inc	Hill-Donnelly Information Services
	Island Transportation	Hill-Donnelly Information Services
2000	Alfredo Lmnn Inc	Cole Information Services
	Almar Supplies	Cole Information Services
	Almar Supplies Inc	Cole Information Services
	Brkvll Entrprss	Cole Information Services
	Island Trnsprtn	Cole Information Services
1991	Island Transportation	NYNEX Information Resource Company
	ISLAND TRANSPORTATION CORP	NYNEX Information Resource Company
1983	United States Leasing Corp	New York Telephone
	United States Truck Leasing Corp	New York Telephone
	United States Trucking Corp	New York Telephone
1976	FRUEHAUF DIVISION FRUEHAUF CORPORATION	New York Telephone

5705 47TH ST

Year	*Uses*	*Source*
2005	Sagana Industries I o 718 456 7552 os	Hill-Donnelly Information Services
2000	Office Depot Stlt	Cole Information Services
1983	Arflo Trucking Inc	New York Telephone
	QUEENS MOTOR TRANSPORTATION	New York Telephone

FINDINGS

Year	*Uses*	*Source*
1970	Tayaton H W Co Inc	New York Telephone
1967	Taynton H W Co Inc	New York Telephone

47th Street

57-05 47th Street

Year	*Uses*	*Source*

58-00 47th Street

Year	*Uses*	*Source*

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

47TH ST

5565 47TH ST

Year	Uses	Source
1970	Lang Louis H & Bros pkgng	New York Telephone
	Flamingo Tissue Corp	New York Telephone
	CANOVER PAPR PRODS INC	New York Telephone
1967	Marcus Packaging Co Inc Div Canover Papr Prods Inc	New York Telephone
	Lang Louis H & Bros pkgng	New York Telephone
	Flamingo Tissue Corp	New York Telephone
	CANOVER PAPR PRODS INC	New York Telephone

5570 47TH ST

Year	Uses	Source
2017	BIMBO BAKERIES USA	Cole Information Services
2014	GEORGE WESTON BAKERIES	Cole Information Services
2009	GEORGE WESTON BAKERIES	Cole Information Services
2005	DOT Transport Inc	Hill-Donnelly Information Services
	George Weston Foods Inc	Hill-Donnelly Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services
	GEORGE WESTON BAKERIES	Cole Information Services
2000	VSM Dstrbtn Corp	Cole Information Services
1999	VSM DSTRBTN CORPORATION	Cole Information Services
1994	VSM DSTRBTN CORP	Cole Information Services
	MUSHROOM TRANSPORTATION	Cole Information Services
1991	Con Spec Dstrbtrs Inc	NYNEX Information Resource Company
	Dot Transport Inc	NYNEX Information Resource Company
1983	Con Spec Dstrbtrs Inc	New York Telephone
	Con Spec Dstrbtrs Inc	New York Telephone
	Dot Transport Co	New York Telephone

FINDINGS

Year	Uses	Source
1976	Con Spec Distributors Inc	New York Telephone
1970	Almara Distribtrs Inc	New York Telephone
	Arjay Truckg Co Inc	New York Telephone
	Dot Transport Inc	New York Telephone
	Mercury Motor Express Inc pick up svce	New York Telephone

5580 47TH ST

Year	Uses	Source
2017	MTL ASSOCIATES	Cole Information Services
	DOT TRANSPORT INC	Cole Information Services
2014	MTL ASSOCIATES	Cole Information Services
2005	CBL Trucking Inc 10 0718 456 7207 o	Hill-Donnelly Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services
2000	Dot Transport Inc	Cole Information Services
1999	DOT TRANSPORT INCORPORATED	Cole Information Services
1994	C B L TRUCKING INC	Cole Information Services
1991	C B L Trucking Inc	NYNEX Information Resource Company
1983	Pacific Intermountain Express	New York Telephone
1970	Friedmans Express of Wilkes Barre	New York Telephone
	Friedmans Exprss Inc	New York Telephone
	Friedman Exprss Inc	New York Telephone
	Leonard Consolidatng & Packing Corp	New York Telephone

5585 47TH ST

Year	Uses	Source
1970	Savin Business Machs Corp	New York Telephone

5590 47TH ST

Year	Uses	Source
2009	HAY BROTHERS TRUCK & TRAILER REPR IN	Cole Information Services
	FEDEX GROUND PACKAGE SYSTEM LTD CO	Cole Information Services
2005	Fed Ex Ground	Hill-Donnelly Information Services
	Hay Brothers Truck & Trailer	Hill-Donnelly Information Services
2004	HAY BROTHERS TRUCK & TRLR RPR	Cole Information Services

FINDINGS

Year	Uses	Source
1999	RPS INCORPORATED	Cole Information Services
	HAY BROTHERS TRUCK & TRAILER REPR INCORPORATED	Cole Information Services
1991	ST JOHNSBURY TRUCKING COMPANY INC	NYNEX Information Resource Company
	St Johnsbury Trucking Co Inc	NYNEX Information Resource Company
1983	St Johnsbury Trucking Company Inc	New York Telephone
1970	ST JOHNS BURY TRUCKG COMPANY INC	New York Telephone
	WOODINS EXPRESS COMPANY INC	New York Telephone
1967	Woodins Express Co Inc	New York Telephone

5600 47TH ST

Year	Uses	Source
1967	Carrano Const Co Inc	New York Telephone

5605 47TH ST

Year	Uses	Source
1970	Metro Screen Process	New York Telephone
	Metro Transit Advtg NY Div of Metro Media Inc	New York Telephone
1967	Glasser Bros Processing Inc	New York Telephone

5645 47TH ST

Year	Uses	Source
1970	Traffic Signal Maintenance @Long Island City@	New York Telephone
	Signal Warehse	New York Telephone

5740 47TH ST

Year	Uses	Source
1970	Rentco	New York Telephone

5745 47TH ST

Year	Uses	Source
1991	Bora Lumber Co Inc	NYNEX Information Resource Company

FINDINGS

5747 47TH ST

Year	Uses	Source
2005	Fitco	Hill-Donnelly Information Services
2000	Itech Inc	Cole Information Services
	Atlite Inc	Cole Information Services
1991	Atlite Lighting Equip Inc	NYNEX Information Resource Company
1976	Domestic Pick Up & Delivry	New York Telephone
1967	Domestic Pick Up & Delivry	New York Telephone

5757 47TH ST

Year	Uses	Source
2005	Boro Lumber Co	Hill-Donnelly Information Services
2000	Boro Lumber Co	Cole Information Services
1991	Galasso Realty & Constr Corp	NYNEX Information Resource Company
1983	Galasso Const Corp	New York Telephone
1976	Galasso Const Corp	New York Telephone
1970	Galasso Const Carn	New York Telephone
1967	Galasso Const Corp	New York Telephone

5311 58TH ST

53 5311 58TH ST

Year	Uses	Source
1962	No	New York Telephone Directory

58TH AVE

4592 58TH AVE

Year	Uses	Source
1934	Brandnn Eug F stnltr	R. L. Polk & Co.

5077 58TH AVE

Year	Uses	Source
2000	Zbigniew Lenard	Cole Information Services
	S Orzechow ski	Cole Information Services

FINDINGS

5193 58TH AVE

Year	Uses	Source
1962	Avezzano Guy V	New York Telephone Directory

5315 58TH AVE

Year	Uses	Source
1962	Reynolds Richd L	New York Telephone Directory

58TH PL

5111 58TH PL

Year	Uses	Source
1976	LACHENMAYR BROS	New York Telephone
1970	LACHENMAYR BROS	New York Telephone
1967	LACHENMAYR BROS	New York Telephone
1962	Lacheripsayr Bros	New York Telephone Directory

5130 58TH PL

Year	Uses	Source
1991	Food Complex Co	NYNEX Information Resource Company
1983	Food Complex Co	New York Telephone

5140 58TH PL

Year	Uses	Source
1991	Arwell Food Corp	NYNEX Information Resource Company
1983	Arwell Food Corp	New York Telephone

5210 58TH PL

Year	Uses	Source
1962	Crynes R A Inc	New York Telephone Directory

5302 58TH PL

Year	Uses	Source
1962	Schmidt Arthur	New York Telephone Directory

FINDINGS

58TH RD

4715 58TH RD

Year	Uses	Source
1934	Steadman Gene Matilda slsmn	R. L. Polk & Co.

4716 58TH RD

Year	Uses	Source
1939	Massiello Jas btchr	New York Telephone Company

4801 58TH RD

Year	Uses	Source
2005	Queens Sanitation Dept	Hill-Donnelly Information Services
2000	Cty Snttn Dpt	Cole Information Services

58TH ST

4711 58TH ST

Year	Uses	Source
2005	H Cadenillas A AC	Hill-Donnelly Information Services

4811 58TH ST

Year	Uses	Source
2005	H Rodriguez A C os	Hill-Donnelly Information Services

5105 58TH ST

Year	Uses	Source
1983	Golden Key Mobil Svce Sta	New York Telephone
1976	Blue Circle Diner	New York Telephone

5226 58TH ST

Year	Uses	Source
1934	Door Nathan Dorr Bros Inc	R. L. Polk & Co.

5235 58TH ST

Year	Uses	Source
1991	Buds Snack Bar	NYNEX Information Resource Company
1970	Bulk Collectn Svces Queens East	New York Telephone

FINDINGS

Year	Uses	Source
1970	Leos Coffee Shop	New York Telephone
	Queens West	New York Telephone
	Queens Boro Office East	New York Telephone
1967	Queens East	New York Telephone
	NRS Const Corp	New York Telephone
	Queens West	New York Telephone
	Queens Boro Office East	New York Telephone

FINDINGS

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
4592 58TH AVE	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1996, 1994, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
4711 58TH ST	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4715 58TH RD	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1996, 1994, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
4716 58TH RD	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1996, 1994, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1934, 1922
4801 58TH RD	2017, 2014, 2009, 2004, 1999, 1996, 1994, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4811 58TH ST	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
5077 58TH AVE	2017, 2014, 2009, 2005, 2004, 1999, 1996, 1994, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
5105 58TH ST	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1996, 1994, 1991, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
5111 58TH PL	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1996, 1994, 1991, 1983, 1950, 1945, 1939, 1934, 1922
5130 58TH PL	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1996, 1994, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
5140 58TH PL	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1996, 1994, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
5193 58TH AVE	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1996, 1994, 1991, 1983, 1976, 1970, 1967, 1950, 1945, 1939, 1934, 1922
5210 58TH PL	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1996, 1994, 1991, 1983, 1976, 1970, 1967, 1950, 1945, 1939, 1934, 1922
5226 58TH ST	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1996, 1994, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
5235 58TH ST	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1996, 1994, 1983, 1976, 1962, 1950, 1945, 1939, 1934, 1922
53 5311 58TH ST	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1996, 1994, 1991, 1983, 1976, 1970, 1967, 1950, 1945, 1939, 1934, 1922
5302 58TH PL	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1996, 1994, 1991, 1983, 1976, 1970, 1967, 1950, 1945, 1939, 1934, 1922
5315 58TH AVE	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1996, 1994, 1991, 1983, 1976, 1970, 1967, 1950, 1945, 1939, 1934, 1922
5565 47TH ST	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1996, 1994, 1991, 1983, 1976, 1962, 1950, 1945, 1939, 1934, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
5570 47TH ST	2017, 2014, 2009, 2004, 1999, 1996, 1994, 1967, 1962, 1950, 1945, 1939, 1934, 1922
5570 47TH ST	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
5580 47TH ST	2009, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
5580 47TH ST	2017, 2014, 2009, 2004, 1999, 1996, 1994, 1976, 1967, 1962, 1950, 1945, 1939, 1934, 1922
5585 47TH ST	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1996, 1994, 1991, 1983, 1976, 1967, 1962, 1950, 1945, 1939, 1934, 1922
5590 47TH ST	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1976, 1962, 1950, 1945, 1939, 1934, 1922
5590 47TH ST	2017, 2014, 2005, 2000, 1996, 1994, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
5600 47TH ST	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1996, 1994, 1991, 1983, 1976, 1970, 1962, 1950, 1945, 1939, 1934, 1922
5605 47TH ST	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1996, 1994, 1991, 1983, 1976, 1962, 1950, 1945, 1939, 1934, 1922
5645 47TH ST	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1996, 1994, 1991, 1983, 1976, 1967, 1962, 1950, 1945, 1939, 1934, 1922
57-57 47th Street	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1996, 1994, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
5740 47TH ST	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1996, 1994, 1991, 1983, 1976, 1967, 1962, 1950, 1945, 1939, 1934, 1922
5745 47TH ST	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1996, 1994, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
5747 47TH ST	2017, 2014, 2009, 2004, 1999, 1996, 1994, 1983, 1970, 1962, 1950, 1945, 1939, 1934, 1922
5757 47TH ST	2017, 2014, 2009, 2004, 1999, 1996, 1994, 1962, 1950, 1945, 1939, 1934, 1922

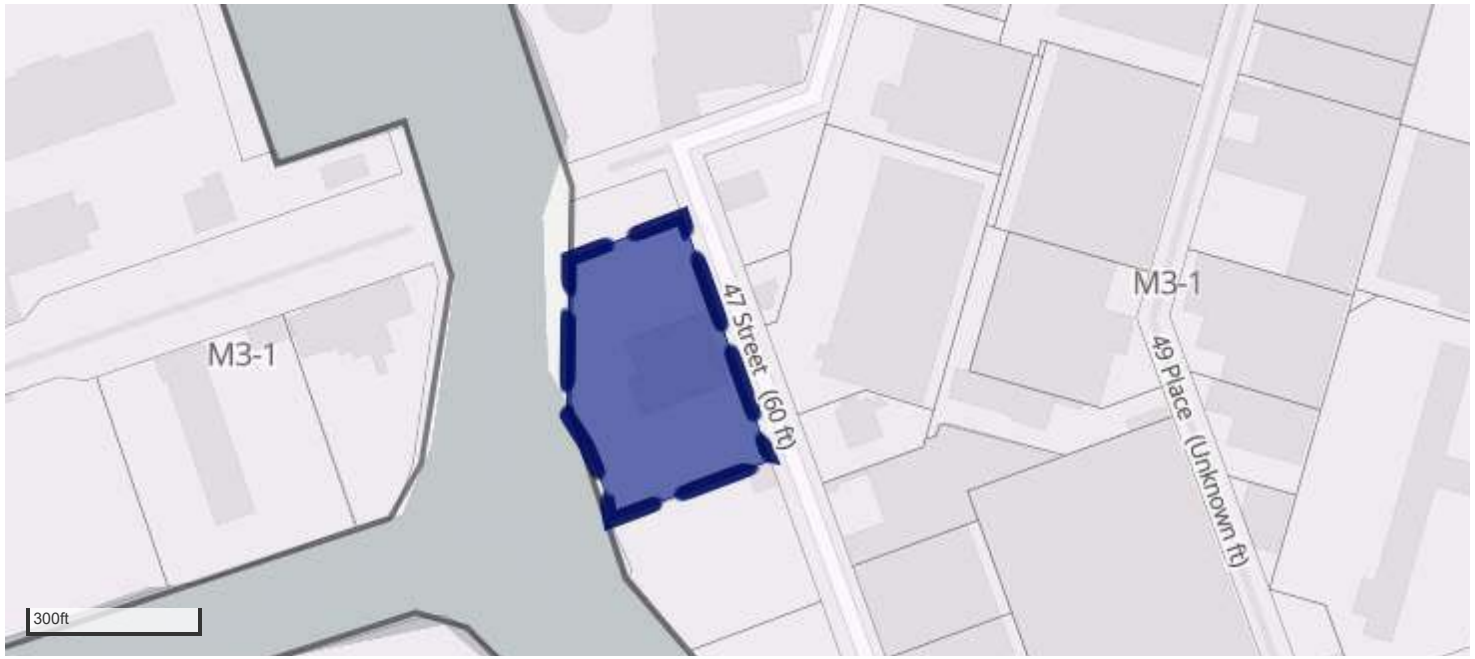
TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
57-00 47th Street	2017, 2014, 2009, 2004, 1999, 1996, 1994, 1962, 1950, 1945, 1939, 1934, 1922

APPENDIX E
REFERENCED MATERIAL AND OTHER INFORMATION SOURCES

Attachment E1- ZoLa GIS Map
Attachment E2- FEMA FIRMette
Attachment E3- ARCIS Property Records
Attachment E4- Phase I Environmental Site Assessment Report- July 21, 2021
Attachment E5- Phase II Environmental Site Investigation Report- July 26, 2021
Attachment E6- Administrative Consent Order- April 2021
Attachment E7- Diesel Fuel Spill Remediation Report- December 5, 2013
Attachment E8- Investigation Summary Report, Spill #08-08170- November 2010
Attachment E9- Tank Tightness Test Reporting- December 28, 2007
Attachment E10- FOIA Responses not previously included



Zoning and Land Use

Tax Lots ☐

Zoning Districts

- Commercial Districts
- Manufacturing Districts
- Residence Districts
- Parks
- Battery Park City

Commercial Overlays ☐

- C1-1 through C1-5
- C2-1 through C2-5

Basemaps

Subways

Building Footprints ☐

57-00 47 STREET, 11378

TAX LOT | BBL 4026010006

Queens (Borough 4) | Block 2601 | Lot 6

Zoning District: M3-1

INTERSECTING MAP LAYERS :

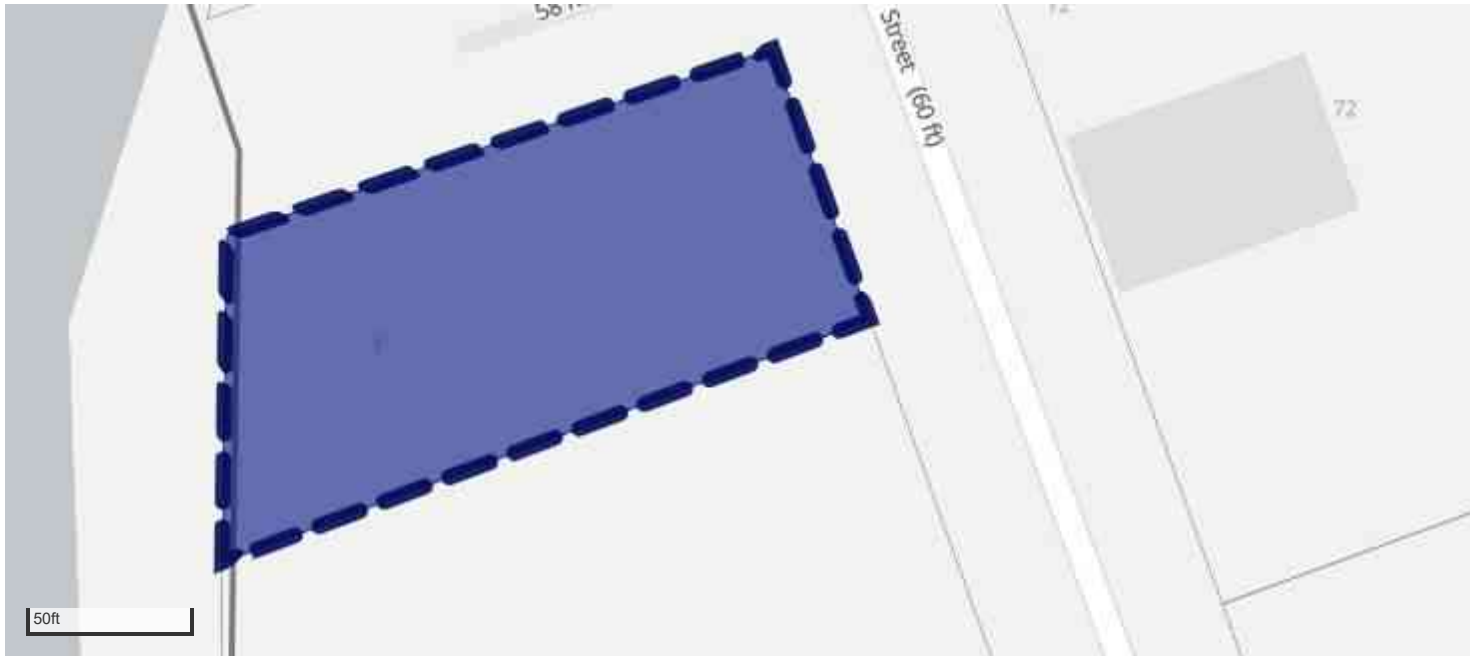
Waterfront Block
Coastal Zone
Flood Zone Effective Flood Insurance Rate Maps 2007
Flood Zone Preliminary Flood Insurance Rate Maps 2015
Appendix J Designated M District

ZONING DETAILS:

Digital Tax Map
Zoning Map: 13a (PDF)
Historical Zoning Maps (PDF)

Owner	Show Owner
Land Use	Industrial & Manufacturing
Lot Area	117,611 sq ft
Lot Frontage	440 ft
Lot Depth	293 ft
Year Built	1966
Year Altered	2012
Building Class	Warehouses - Fireproof (E1)
Number of Buildings	1
Number of Floors	1.5
Gross Floor Area	19,760 sq ft
Total # of Units	1
Building Info	BISWEB
Property Records	View ACRIS
Housing Info	View HPD's Building, Registration & Violation Records

Community District	Queens Community District 5
City Council District	Council District 30
School District	24
Police Precinct	104
Fire Company	E291
Sanitation Borough	4
Sanitation District	05
Sanitation Subsection	1E



58-20 47 STREET, 11378

Queens (Borough 4) | Block 2601 | Lot 1

TAX LOT | BBL 4026010001

Zoning District: M3-1

INTERSECTING MAP LAYERS :

Waterfront Block
Coastal Zone
Flood Zone Effective Flood Insurance Rate Maps 2007
Flood Zone Preliminary Flood Insurance Rate Maps 2015
Appendix J Designated M District

ZONING DETAILS:

Digital Tax Map
Zoning Map: 13a (PDF)
Historical Zoning Maps (PDF)

Owner	Show Owner
Lot Area	15,292 sq ft
Lot Frontage	85 ft
Lot Depth	195 ft
Year Built	0
Building Class	Miscellaneous - Other (Z9)
Building Info	BISWEB
Property Records	View ACRIS
Housing Info	View HPD's Building, Registration & Violation Records

Community District	Queens Community District 5
City Council District	Council District 30
School District	24
Police Precinct	104
Fire Company	E291
Sanitation Borough	4
Sanitation District	05
Sanitation Subsection	1E

Zoning and Land Use

Tax Lots ☐

Zoning Districts

- Commercial Districts
- Manufacturing Districts
- Residence Districts
- Parks
- Battery Park City

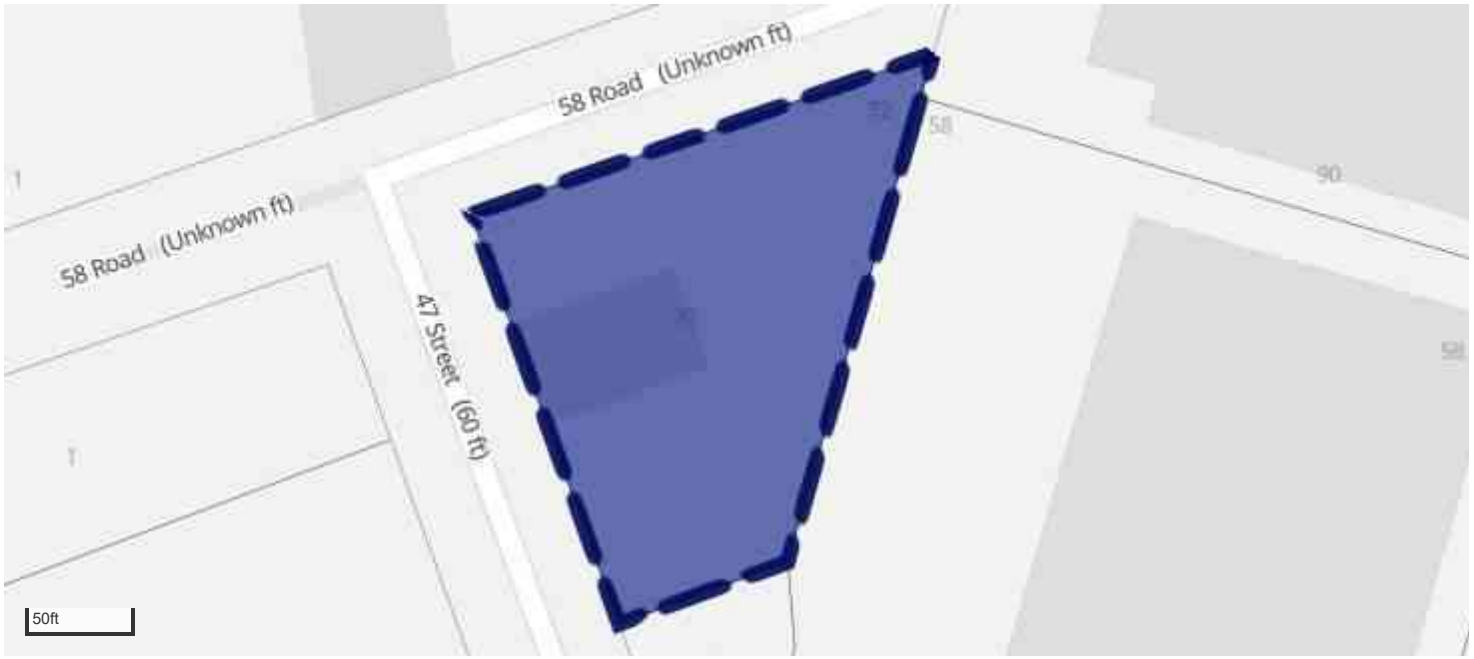
Commercial Overlays ☐

- C1-1 through C1-5
- C2-1 through C2-5

Basemaps

Subways

Building Footprints ☐



57-05 47 STREET, 11378

Queens (Borough 4) | Block 2602 | Lot 72

TAX LOT | BBL 4026020072

Zoning District: M3-1

INTERSECTING MAP LAYERS :

Coastal Zone
Flood Zone Effective Flood Insurance Rate Maps 2007
Flood Zone Preliminary Flood Insurance Rate Maps 2015
Appendix J Designated M District

ZONING DETAILS:

Digital Tax Map
Zoning Map: 13a (PDF)
Historical Zoning Maps (PDF)

Owner	Show Owner
Land Use	Industrial & Manufacturing
Lot Area	30,167 sq ft
Lot Frontage	200 ft
Lot Depth	222 ft
Year Built	1964
Building Class	Warehouses - Miscellaneous (E9)
Number of Buildings	1
Number of Floors	1
Gross Floor Area	5,100 sq ft
Total # of Units	1
Building Info	BISWEB
Property Records	View ACRIS
Housing Info	View HPD's Building, Registration & Violation Records

Community District	Queens Community District 5
City Council District	Council District 30
School District	24
Police Precinct	104
Fire Company	E291
Sanitation Borough	4
Sanitation District	05
Sanitation Subsection	1E

Zoning and Land Use

Tax Lots

Zoning Districts

- Commercial Districts
- Manufacturing Districts
- Residence Districts
- Parks
- Battery Park City

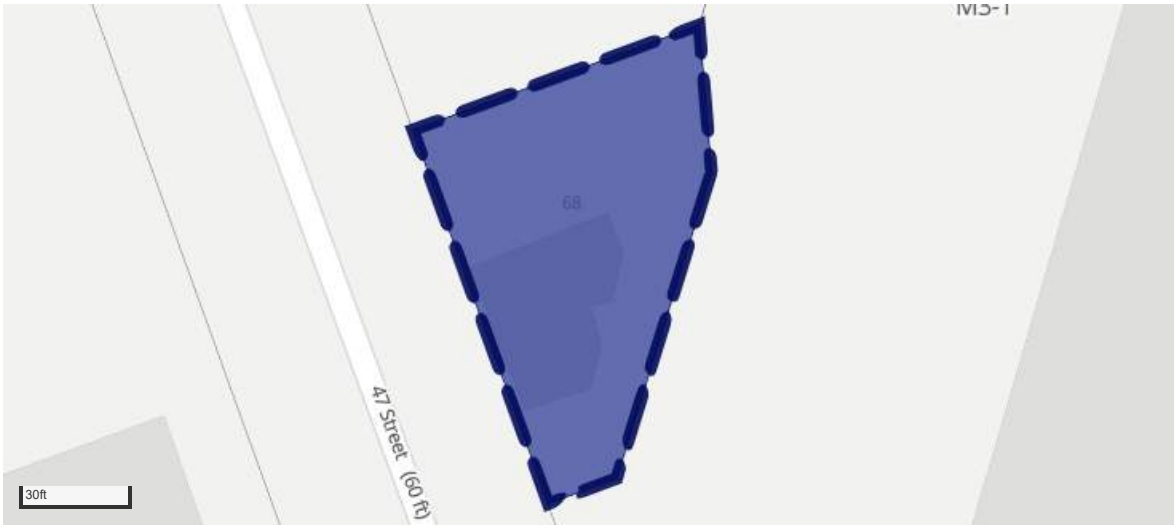
Commercial Overlays

- C1-1 through C1-5
- C2-1 through C2-5

Basemaps

Subways

Building Footprints



Zoning and Land Use

Tax Lots ☐

Zoning Districts

- Commercial Districts
- Manufacturing Districts
- Residence Districts
- Parks
- Battery Park City

Commercial Overlays ☐

- C1-1 through C1-5
- C2-1 through C2-5

Basemaps

Subways

Building Footprints ☐

57-57 47 STREET, 11378

TAX LOT | BBL 4026020068

Queens (Borough 4) | Block 2602 | Lot 68

Zoning District: M3-1

INTERSECTING MAP LAYERS :

ZONING DETAILS:

Digital Tax Map
Zoning Map: 13a (PDF)
Historical Zoning Maps (PDF)

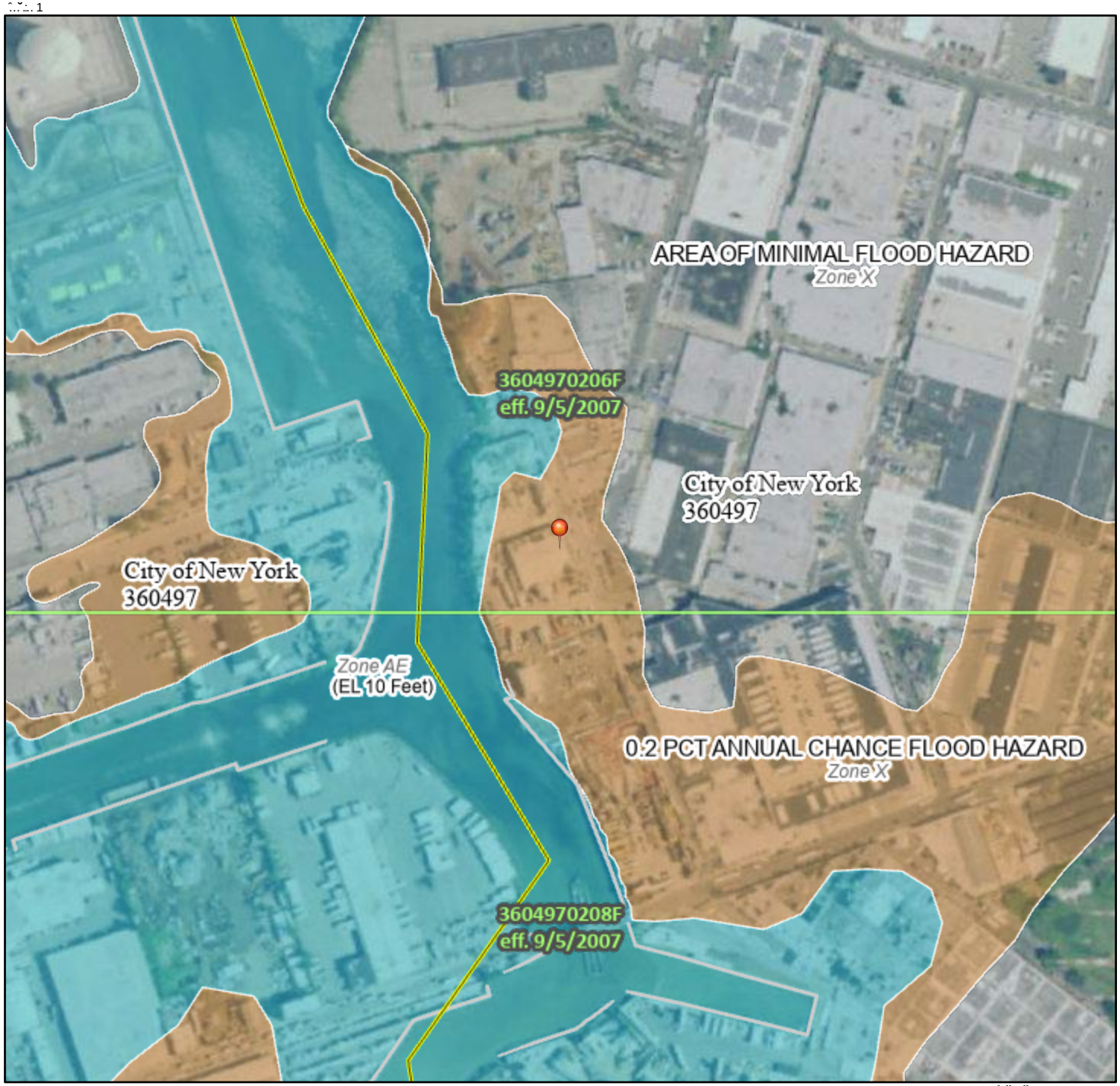
Owner	Show Owner
Land Use	Commercial & Office Buildings
Lot Area	4,500 sq ft
Lot Frontage	108 ft
Lot Depth	79 ft
Year Built	1966
Building Class	Office Buildings - Office Only – 1 Story (O1)
Number of Buildings	1
Number of Floors	1
Gross Floor Area	1,890 sq ft
Total # of Units	1
Building Info	BISWEB
Property Records	View ACRIS
Housing Info	View HPD's Building, Registration & Violation Records

Community District	Queens Community District 5
City Council District	Council District 30
School District	24
Police Precinct	104
Fire Company	E291
Sanitation Borough	4
Sanitation District	05
Sanitation Subsection	1E

Privacy - Terms

1DWLRQDO)ORRG+D]DUG'DWD)ORRGWWH

FEMA



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/HYHH'LNH RU)ORRGZDOO

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/LPLW R 6WUX
-XULVGLFWLRQ%RXQGDU\
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SRQW VHOHFWHGEWKHXHU DQGGRHV QRW UHSUH
DQDWKRULWDWLYHSURFHVVRU\ORFDWLRQ

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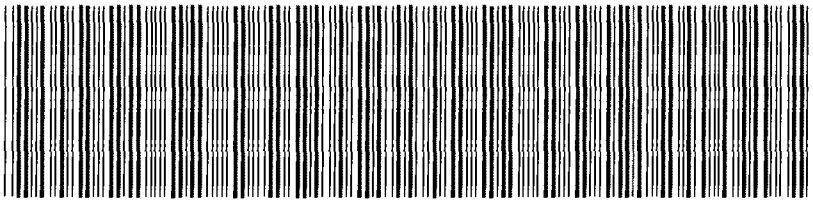
UHDODWRU\SUSRVHV

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

This page is part of the instrument. The City Register will rely on the information provided by you on this page for purposes of indexing this instrument. The information on this page will control for indexing purposes in the event of any conflict with the rest of the document.



2003030701081003004EF526

RECORDING AND ENDORSEMENT COVER PAGE **PAGE 1 OF 10**

Document ID: 2003030701081003 Document Date: 01-22-2003 Preparation Date: 05-23-2003

Document Type: ASSIGNMENT OF LEASES AND RENTS

Document Page Count: 9

PRESENTER:

ULTIMATE ABSTRACT SERVICES
121 WEST OAK STREET
RUASF6238Q-VK
AMITYVILLE, NY 11701
631-598-0474

RETURN TO:

KRISS & FEUERSTEIN LLP ATTN: DAVID S. KRISS, ESQ.
360 LEXINGTON AVENUE
SUITE 1300
NEW YORK, NY 10017

PROPERTY DATA

Borough	Block	Lot	Unit	Address
QUEENS	2601	6	Entire Lot	57-00 47 STREET

Property Type: INDUSTRIAL BUILDING

CROSS REFERENCE DATA

Document ID: 2003030701081001

PARTIES

ASSIGNEE:

BROOKLYN FEDERAL SAVINGS BANK
81 COURT STREET
BROOKLYN, NY 11201

ASSIGNOR:

57-00 MASPETH AVENUE, LLC
C/O PEBBLE LANE ASSOCIATES, 1545 PEBBLE LANE
HEWLETT, NY 11557

FEES AND TAXES

Mortgage		
Mortgage Amount:	$	0.00
Taxable Mortgage Amount:	$	0.00
Exemption:		255
TAXES:		
County (Basic):	$	0.00
City (Additional):	$	0.00
Spec (Additional):	$	0.00
TASF:	$	0.00
MTA:	$	0.00
NYCTA:	$	0.00
TOTAL:	$	0.00

Recording Fee:	$	82.00
Affidavit Fee:	$	8.00
NYC Real Property Transfer Tax Filing Fee:	$	0.00
NYS Real Estate Transfer Tax:	$	0.00

RECORDED OR FILED IN THE OFFICE OF THE CITY REGISTER OF THE CITY OF NEW YORK

Recorded/Filed 07-24-2003 11:00

City Register File No.(CRFN): **2003000254360**

City Register Official Signature

RUA SF6 2389

Loan No. 18-010209-5

ASSIGNMENT OF LEASES AND RENTS TO ADDITIONALLY SECURE $2,500,000.00 PROMISSORY NOTE

Dated: January 22, 2003

from

57-00 MASPETH AVENUE, LLC
("Assignor")

to

BROOKLYN FEDERAL SAVINGS BANK
("Assignee")

Property Address:
57-00 47th Street
Maspeth, Queens, New York

Block:	**2601**
Lot:	**6**
County:	**Queens**
State:	**New York**

RECORD & RETURN TO:

Kriss & Feuerstein, LLP
360 Lexington Avenue, Suite 1300
New York, New York 10017
Attn: David S. Kriss, Esq.

RUA5F62380

ASSIGNMENT OF LEASES AND RENTS

THIS ASSIGNMENT OF LEASES AND RENTS, made this 22nd day of January, 2003 from **57-00 Maspeth Avenue, LLC**, a New York limited liability company having an address at c/o Pebble Lane Associates, 1545 Pebble Lane, Hewlett, NY 11557, ("**Assignor**"), to **BROOKLYN FEDERAL SAVINGS BANK**, having an address at 81 Court Street, Brooklyn, New York 11201 ("**Assignee**").

B 2601
L 6

WITNESSETH:

WHEREAS, Assignor is the owner of a commercial building located at 57-00 47th Street, Maspeth, Queens, New York as more particularly described on Exhibit "A" annexed hereto and made a part hereof ("**Property**"); and

WHEREAS, Assignee has made a loan to Assignor in the principal amount of $2,500,000.00 as evidenced by a certain Consolidated Secured Promissory Note executed simultaneously herewith (hereinafter referred to as the "**Note**");

WHEREAS, Assignee would not have made the loan to Assignor unless Assignor assigned to Assignee all of Assignor's rights, title and interest as landlord under any and all leases, subleases and other occupancy agreements now existing for any space at the Property and to any modified, replacement, substitute or new lease, sublease or other occupancy agreement for any space at the Property entered into after the date of this Assignment.

NOW, THEREFORE, the Assignor, for and in consideration of these presents and the mutual agreements contained in this Assignment of Rents ("**Assignment**") and in consideration of the sum of TEN AND NO/100 DOLLARS ($10.00) to the Assignor in hand paid, the receipt of which are hereby acknowledged, does hereby sell, assign and transfer unto the Assignee all rents, issues and profits now due and which may hereafter become due under or by virtue of and any lease or sublease, whether written or verbal, or any letting of, or of any agreement for the use or occupancy of the Property or any part thereof, which may have been heretofore or may be hereafter made or agreed to or which may be made or agreed to by the Assignor under the powers herein granted, it being the intention hereby to establish an absolute transfer and assignment of all rents, issues and profits arising from or related to the Property, to the Assignee, and the Assignor does hereby appoint irrevocably the Assignee its true and lawful attorney in its name and stead (with or without taking possession of the Property), to collect all of said avails, rents, issues and profits arising from or accruing at any time hereafter, and all now due, or that may hereafter become due under any lease, sublease or other occupancy agreement and all future leases and agreements, written or verbal, or other tenancy existing or which may hereafter exist on the Property, with the same rights and powers and subject to the same immunities, exoneration of liability and rights of recourse and indemnity as the Assignor would have upon taking possession of the Property pursuant to the provisions hereinafter set forth.

It is agreed that this is an absolute assignment of rents, income and profits; however, Assignee grants and deems unto Assignor a license to collect all rents, issues and profits for so long as Assignor is not in default under any of the provisions of the Note or any other agreements which secure the Note (hereinafter collectively "**Loan Documents**"), including any renewal, extension or rearrangement of the Note or the Loan Documents and Assignor shall hold same in trust for the benefit of Assignee, and the proceeds from such rents, issues and profits shall be used by Assignor solely in the following order of priority:

(a) To the payment of the Note including any renewal, extension or rearrangement thereof;

(b) To the payment of insurance, taxes and special assessments now due or which may become hereinafter due on the Property;

(c) To the payment of all operating expenses of the Property including, but not limited to, management and leasing expenses, utilities and repairs to the Property.

In the event of a default by Assignor under any of the Loan Documents, then the license granted herein to Assignor to collect the rents, issues and profits from the Property shall terminate without Assignee having to take any affirmative action to bring about such termination. The license granted herein to Assignor is personal, revocable and unassignable.

The Assignor additionally assigns to Assignee a security interest in all leases entered into with any tenant occupying all or any part of the Property; and further Assignor agrees to assign and transfer to the Assignee a security interest in all future leases upon all or any part of the Property in order to secure the repayment of the Note and the performance by Assignor of its covenants under the Loan Documents; provided, however, that notwithstanding any provision herein to the contrary, under no circumstances shall Assignee be liable or responsible for any of the obligations of Assignor as lessor under any of said leases or other occupancy agreements. Assignor agrees to execute and deliver, immediately upon the request of the Assignee, all such further assurances and assignments in the Property as the Assignee shall from time to time require. In the event of a default by Assignor under any of the Loan Documents then Assignee may proceed to enforce its rights under any of the leases and Assignor does hereby appoint irrevocably the Assignee its true and lawful attorney in its name and stead (with or without taking possession of the Property), to rent, lease or let all or any portion of the Property to any party or parties at such rental and upon such terms in its discretion as it may determine.

Although it is the intention of the parties that this assignment of rents, issues and profits shall be a present and absolute assignment, Assignor has additionally granted and assigned unto Assignee a security interest in and to all leases and other occupancy agreements and future leases or future occupancy agreements of the Property and it is expressly understood and agreed, anything herein

contained to the contrary notwithstanding, that the Assignor shall not exercise any of the rights and powers conferred upon it by virtue of its security interest in any of the leases until and unless a default shall occur in the payment of interest or principal due under the Note or in the performance or observance of any of the conditions or agreements of any Loan Documents now or at any time securing the Note or the debt evidenced thereby or by any extension thereof and nothing herein contained shall be deemed to affect or impair any rights which the Assignee may have under the Note, Loan Documents or any other instrument evidencing or securing the indebtedness evidenced by the Note.

Once the Note and any renewals and extensions thereof have been paid, and the obligations on behalf of Assignor contained in the Loan Documents have been completed to the satisfaction of Assignee, the Assignee will assign back to Assignor the rents, issues and profits granted herein and further Assignee shall release its security interest any of the leases upon written request of Assignor.

During the time period intervening between a default by the Assignor and either the taking of possession of the Property as provided hereinafter, or a foreclosure by Assignee or a conveyance by a deed in lieu of foreclosure by Assignor to Assignee, this Assignment shall remain in full force and effect and Assignee will be entitled to all rents, issues and profits arising out of the Property.

The Assignor represents and agrees that no rent has been or will be paid by any person or entity in possession of any portion of the Property for more than one (1) month in advance and that no payment of the rents to accrue for any portion of the Property has been or will be waived, released, reduced or discounted, or otherwise discharged or compromised by the Assignor. The Assignor waives any right of set off against any person in possession of any portion of the Property. The Assignor agrees that it will not further assign any of the rents or profits of the Property and any such further assignment shall be void and of no force or effect.

The Assignor represents and agrees that it shall not cancel, terminate, or consent to any surrender of any lease, sublease or other occupancy agreement or any future leases or other occupancy agreements, permit any cancellation, termination, or surrender, commence an action of ejectment or any summary proceedings for dispossession of the tenant under any of the leases, exercise any right of recapture provided in any or the leases or other occupancy agreements, or modify or in any way alter the terms of any lease or other occupancy agreement or future lease or future occupancy agreement without Assignee's prior written consent which may be granted or withheld in Assignee's sole and absolute discretion provided, however, that for so long as no Event of Default shall exist under any of the Loan Documents, Assignor shall have the right to enter into residential leases and commercial leases in accordance with the terms set forth in paragraph 7 of the Mortgage;

Nothing herein contained shall be construed as constituting the Assignee a "mortgagee in possession" in the absence of the taking of actual possession of the Property by the Assignee pursuant to the provisions hereinafter contained. In the exercise of the powers herein granted the Assignee, no liability shall be asserted or enforced against the Assignee, all such liability being expressly waived and released by the Assignor.

In any case in which the Assignee has a right to declare the indebtedness secured hereby due and payable, either before or after said indebtedness is declared due, forthwith upon demand of the Assignee, the Assignor agrees to surrender to the Assignee and the Assignee shall be entitled to take actual possession of the Property or any part thereof, personally, or by its agents or attorneys, and the Assignee in its discretion may, with or without force, and with or without process of law, enter upon and take and maintain possession of all or any part of the Property, together with all the documents, books, records, papers and accounts of the Assignor or the then owner of the Property relating thereto, and may exclude the Assignor, the agents or servants of the Assignor, wholly therefrom and may as attorney-in-fact or agent of the Assignor or in its own name as holder and under the powers herein granted, hold, operate, manage and control the Property and conduct the business, if any, thereof either personally or by its agents, with full power to use such measures, legal or equitable, as in its discretion or in the discretion of its successors or assigns may be deemed proper or necessary to enforce the payment or security of the avails, rents, issues and profits of the Property, including actions for the recovery of rent, actions in forcible detainer and actions in distress for rent, hereby granting full power and authority to exercise each and every one of the rights, privileges and powers herein granted at any and all times hereafter, without notice to the Assignor, and with full power to cancel or terminate any lease or sublease for any cause or on any ground which would entitle the Assignee to cancel the same, to elect to disaffirm any lease or sublease made subsequent to this Assignment, to make all necessary or proper repairs, decorating, renewals, replacements, alterations, additions, betterments and improvements to the Property that may seem judicious, in its discretion, insure and re-insure the same for all risks incidental to Assignee's possession, operation and management thereof and to receive all such avails, rents, issues and profits.

The Assignee shall not be obligated to perform or discharge, nor does it hereby undertake to perform or discharge, any obligation, duty or liability under any of the leases or other occupancy agreements relating to the Property, and the Assignor shall and does hereby agree to indemnify and hold the Assignee harmless of and from any and all liability, loss or damage which it may or might incur under any of the leases or under or by reason of the assignment thereof and of and from any and all claims and demands whatsoever which may be asserted against it by reason of any alleged obligations or undertakings on its part to perform or discharge any of the terms, covenants or agreements contained in any of the leases. Should the Assignee incur any such liability, loss or damage, under any of the leases or under or by reason of the assignment thereof, or in the defense of any claims or demands the Assignor agrees to reimburse the Assignee for the amount thereof, immediately upon demand.

The Assignee in the exercise of the rights and powers conferred upon it by this Assignment shall have full power to use and apply the avails, rents, issues and profits of the Property to the payment of or on account of the following, in such order as the Assignee may determine:

(a) To the payment of any of the above described indebtedness or any renewal, extension or rearrangement thereof;

(b) To the payment of all operating expenses of the Property, including, but not limited to, the cost of management and leasing thereof (which shall include reasonable compensation to the Assignee and its agent or agents, if management be delegated to an agent or agents, and it shall also include lease commissions and other compensation and expenses of seeking and procuring tenants and entering into leases), utilities and repairs to the Property;

(c) To the payment of insurance, taxes and special assessments now due or which may hereafter become due on the Property.

The Assignor does further specifically authorize and instruct each and every present and future lessee or tenant of the whole or any part of the Property to pay all unpaid rentals agreed upon in any tenancy to the Assignee upon receipt of demand from the Assignee to so pay the same.

It is understood and agreed that the provisions set forth in this Assignment shall be deemed as a special remedy given to the Assignee, and shall not be deemed exclusive of any of the remedies which the Assignee would otherwise have, but shall be cumulative with any such remedies.

Whenever the word "Assignor" is mentioned herein, it is hereby understood that the same includes and shall be binding upon the heirs, executors, administrators, successors and assigns (including successors by consolidation) of the Assignor as the case may be, and any party or parties holding title to the Property by, through or under the Assignor. All of the rights, powers, privileges and immunities herein granted assigned to the Assignee shall also inure to its successors and assigns, including all holders, from time to time, of the Note.

It is expressly understood that no judgment or decree which may be entered on any debt secured hereby shall operate to abrogate or lessen the effect of this instrument, but that the same shall continue in full force and effect until the payment and discharge of any and all indebtedness secured hereby, in whatever form the said indebtedness may be shall have been paid in full and all bills incurred by virtue of the authority herein contained have been fully paid out of the rents, issues and profits of the Property, or by the Assignor, or until such time as this instrument may be voluntarily released. The rights granted hereunder shall inure to the benefit of and be binding upon the respective heirs, executors, administrators, successors and assigns of the Assignor and the Assignee.

In the event any lessee under any of the leases should be the subject of any proceeding under the United States Bankruptcy Code or any other federal, state, or local statute which provides for the possible termination or rejection of any of the leases assigned hereby, Assignor covenants and agrees that if any of the leases are so rejected, no settlement for damages shall be made without the prior written consent of the Assignee, and any check in payment of damages for rejection of any of the leases will be made payable both to the Assignor and Assignee. Assignor hereby assigns any such payment to Assignee and further covenants and agrees that upon the request of Assignee it will duly endorse to the order of Assignee any such check, the proceeds of which will be applied to whatever portion of the indebtedness secured by this Agreement Assignee may elect.

EXECUTED and DELIVERED on this the 22nd day of January, 2003

57-00 MASPETH AVENUE, LLC

By: Mary Jean Lamanna
Mary Jean Lamanna
Managing Member

STATE OF NEW YORK)
) ss:
COUNTY OF KINGS)

On the 22nd day of January in the year 2003 before me, the undersigned, a Notary Public in and for said State, personally appeared, **Mary Jean Lamanna**, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed this instrument.

Notary Public

KEVIN REGAN
Notary Public, State of New York
No. 01RE6069089
Qualified in Queens County
Commission Expires January 22, 2006

SCHEDULE A

DESCRIPTI ON

ALL THAT CERTAIN PLOT, PIECE OR PARCEL OF LAND, WITH THE BUILDINGS AND IMPROVEMENT THEREON ERECTED, SITUATE, LYING AND BEING IN MASPETH IN THE SECOND WARD, BOROUGH AND COUNTY OF QUEENS, CITY AND STATE OF NEW YORK, BOUNDED AND DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT ON WESTERLY SIDE OF 47TH STREET AS LAID OUT , 70 FEET WIDE, DISTANT 705.85 FEET NORTH OF THE CORNER FORMED BY THE INTERSECTION OF THE SAID WESTERLY SIDE OF 47TH STREET WITH THE PRESENT NORTHERLY SIDE OF GRAND AVENUE AS LAID OUT, 80 FEET WIDE;

RUNNING THENCE NORTHERLY FROM THE POINT OF BEGINNING AND ALONG THE SAID WESTERLY SIDE OF 47TH STREET A DISTANCE OF 440 FEET;

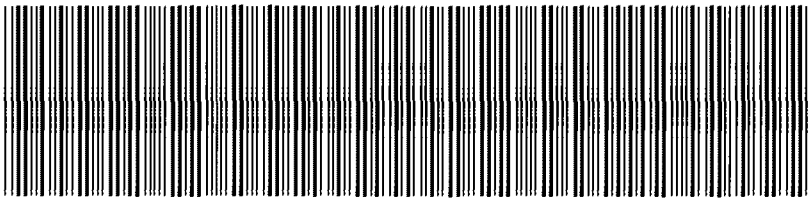
THENCE WESTERLY ALONG A LINE FORMING AN INTERIOR ANGLE OF 91 DEGREES 04 MINUTES 06 SECONDS WITH THE PRECEDING COURSE, A DISTANCE OF 1 95.27 FEET TO THE U.S. PIER AND BULKHEAD LINE EXTENDING ALONG THE EASTERLY SIDE OF NEW TOWN CREEK AND APPROVED BY THE SECRETARY OF WAR JANUARY 21, 1920, AS SHOWN ON ALTERATION MAP NO. 890 TO THE FINAL MAPS OF THE CITY OF NEW YORK FOR THE BOROUGH OF QUEENS;

THENCE SOUTHERLY ALONG SAID PIER AND BULKHEAD LINE FORMING INTERIOR ANGLE OF 109 DEGREES 29 MINUTES 19 SECONDS WITH THE PRECEDING COURSE, A DISTANCE OF 269.10 FEET TO THE ANGLE POINT ON THE SAID PIER AND BULKHEAD LINE;

THENCE SOUTHERLY ALONG THE SAID PIERHEAD AND BULKHEAD LINE ALONG A LINE FORMING AN INTERIOR ANGLE OF 160 DEGREES 42 MINUTES 52 SECONDS WITH THE PRECEDING COURSE, A DISTANCE OF 191.72 FEET;

THENCE EASTERLY ON A LINE FORMING AN INTERIOR ANGLE OF 88 DEGREES 43 MINUTES 43 SECONDS WITH THE PRECEDING COURSE AND BEING ALSO AT RIGHT ANGLES TO THE AFOREMENTIONED WESTERLY SIDE OF 47TH STREET, A DISTANCE OF 293.98 FEET TO THE POINT OF BEGINNING ON THE WESTERLY SIDE OF 47TH STREET.

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER



2003030701081003004S3BA7

SUPPORTING DOCUMENT COVER PAGE **PAGE 1 OF 1**

Document ID: 2003030701081003 Document Date: 01-22-2003 Preparation Date: 05-23-2003

Document Type: ASSIGNMENT OF LEASES AND RENTS

SUPPORTING DOCUMENTS SUBMITTED:

	Page Count
255 MORTGAGE TAX EXEMPT AFFIDAVIT	8

RuaJF6238Q

AFFIDAVIT IN SUPPORT OF CLAIM FOR EXEMPTION FROM
TAX UNDER SECTION 255 OF THE NEW YORK TAX LAW
IN CONNECTION WITH RECORDING OF ASSIGNMENT OF LEASES AND RENTS

The undersigned hereby states that:

(1) The undersigned is the Mortgagor under a Mortgage encumbering the premises on 57-00 47th Street, Maspeth, Queens, New York which Mortgage has been executed and delivered simultaneously with an Assignment of Leases and Rents. Mortgage Tax has been paid in connection with the recording of the Mortgage without abatement or credit.

(2) The Assignment of Leases and Rents dated the same date as the Mortgage and to be recorded against the Premises further secures the sums secured by the Mortgage and does not evidence any new indebtedness.

(3) The Assignment is herewith tendered for recording.

WHEREFORE, deponent respectfully requests that the Assignment herewith tendered for recording be declared exempt from taxation pursuant to the provisions of Section 255 of Article XI of the Tax Law of the State of New York.

57-00 MASPETH AVENUE, LLC

By: Mary Jean Lamanna
Mary Jean Lamanna
Managing Member

Sworn to before me this
22nd day of January, 2003

Kevin Regan
Notary Public

KEVIN REGAN
Notary Public, State of New York
No. 01RE6069089
Qualified in Queens County
Commission Expires January 22, 2006

MORTGAGES

MORTGAGE (ONE)

MORTGAGOR:

ISLAND TRANSPORTATION CORPORATION — AMOUNT: $4,000,000.00

TO — DATED: 7-10-90

MORTGAGEE: — RECORDED: 9-7-90

APPLE BANK FOR SAVINGS — REEL: 3054

PAGE: 1633

upon which a mortgage tax in the amount of $110,000.00 was duly paid

MODIFICATION AND EXTENSION AGREEMENT

ISLAND TRANSPORTATION CORPORATION — DATED: 5-17-95

AND — RECORDED: 8-17-95

APPLE BANK FOR SAVINGS — REEL: 4175

PAGE: 893

NOTE: MODIFIES MORTGAGE IN REEL 3054 PAGE 1633.

MORTGAGE MODIFICATION AND SPLITTER AGREEMENT

ISLAND TRANSPORTATION CORPORATION — DATED: 4-30-98

AND — RECORDED: 7-16-98

APPLE BANK FOR SAVINGS — REEL: 4917

PAGE: 1551

NOTE: SPLITS AND MODIFIES MORTGAGE IN REEL 3054 PAGE 1633 INTO TWO SUBSTITUTE MORTGAGES STATED AS FOLLOWS.

CONTINUED

SUBSTITUTE MORTGAGE 1

MORTGAGOR:

ISLAND TRANSPORTATION CORPORATION — AMOUNT: $1,500,000.00

TO — DATED: 4-30-98

MORTGAGEE: — RECORDED: 7-16-98

APPLE BANK FOR SAVINGS — REEL: 4917

PAGE: 1530

ASSIGNMENT OF MORTGAGE

APPLE BANK FOR SAVINGS — DATED: 4-30-98

TO — RECORDED: 7-16-98

EUROPEAN AMERICAN BANK — REEL: 4917

PAGE: 1558

NOTE: ASSIGNS SUBSTITUTE MORTGAGE I IN REEL 4917 PAGE 1530.

MODIFICATION AGREEMENT

57-00 MASPETH AVENUE, LLC. — DATED: 4-30-98

AND — RECORDED: 7-16-98

EUROPEAN AMERICAN BANK — REEL: 4917

PAGE: 1565

NOTE: MODIFIES SUBSTITUTE MORTGAGE I IN REEL 4917 PAGE 1530.

SUBSTITUTE MORTGAGE 2

MORTGAGOR:

ISLAND TRANSPORTATION CORPORATION — AMOUNT: $1,382,075.50

TO — DATED: 4-30-98

MORTGAGEE: — RECORDED: 7-16-98

APPLE BANK FOR SAVINGS — REEL: 4917

PAGE: 1541

CONTINUED

RELEASE OF MORTGAGE

APPLE BANK FOR SAVINGS

TO

ISLAND TRANSPORTATION CORPORATION

DATED: 4-23-98

RECORDED: 7-16-98

REEL: 4917

PAGE: 1610

NOTE: RELEASE SUBSTITUTE MORTGAGE 2 HEREIN.

Mortgage 2

Mortgage made by 57-00 MASPETH AVENUE, LLC to BROOKLYN FEDERAL SAVINGS BANK to secure the sum of $1,277,176.50 dated January 22, 2003 which Mortgage is intended to be immediately recorded in the office the New York City Register; Upon which a mortgage tax in the sum of $85,123.00 was duly paid.

Which Mortgage 2 was consolidated with the lien of Mortgage 1 to form a single lien securing the principal sum of $2,500,000.00 by Mortgage Consolidation and Extension Agreement dated January 22, 2003, which is intended to be immediately recorded in the Register's Office.

RUA5F623586

AFFIDAVIT IN SUPPORT OF CLAIM FOR EXEMPTION FROM
TAX UNDER SECTION 255 OF THE NEW YORK TAX LAW
IN CONNECTION WITH RECORDING OF ASSIGNMENT OF LEASES AND RENTS

The undersigned hereby states that:

(1) The undersigned is the Mortgagor under a Mortgage encumbering the premises on 57-00 47th Street, Maspeth, Queens, New York which Mortgage has been executed and delivered simultaneously with an Assignment of Leases and Rents. Mortgage Tax has been paid in connection with the recording of the Mortgage without abatement or credit.

(2) The Assignment of Leases and Rents dated the same date as the Mortgage and to be recorded against the Premises further secures the sums secured by the Mortgage and does not evidence any new indebtedness.

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WHEREFORE, deponent respectfully requests that the Assignment herewith tendered for recording be declared exempt from taxation pursuant to the provisions of Section 255 of Article XI of the Tax Law of the State of New York.

57-00 MASPETH AVENUE, LLC

By: MaryJean Lamanna
Mary Jean Lamanna
Managing Member

Sworn to before me this
22nd day of January, 2003

Kevin Regan
Notary Public

KEVIN REGAN
Notary Public, State of New York
No. 01RE6069089
Qualified in Queens County
Commission Expires January 22, 2006

MORTGAGES

MORTGAGE (ONE)

MORTGAGOR:

ISLAND TRANSPORTATION CORPORATION — AMOUNT: $4,000,000.00

TO — DATED: 7-10-90

MORTGAGEE: — RECORDED: 9-7-90

APPLE BANK FOR SAVINGS — REEL: 3054

PAGE: 1633

upon which a mortgage tax in the amount of $110,000.00 was duly paid

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TO — RECORDED: 7-16-98

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PAGE: 1541

CONTINUED

RELEASE OF MORTGAGE

APPLE BANK FOR SAVINGS

TO

ISLAND TRANSPORTATION CORPORATION

DATED: 4-23-98

RECORDED: 7-16-98

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PAGE: 1610

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Which Mortgage 2 was consolidated with the lien of Mortgage 1 to form a single lien securing the principal sum of $2,500,000.00 by Mortgage Consolidation and Extension Agreement dated January 22, 2003, which is intended to be immediately recorded in the Register's Office.

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

This page is part of the instrument. The City Register will rely on the information provided by you on this page for purposes of indexing this instrument. The information on this page will control for indexing purposes in the event of any conflict with the rest of the document.

2006021700575002001E1A9E

RECORDING AND ENDORSEMENT COVER PAGE **PAGE 1 OF 10**

Document ID: 2006021700575002 Document Date: 11-08-2005 Preparation Date: 02-17-2006
Document Type: ASSIGNMENT OF LEASES AND RENTS
Document Page Count: 9

PRESENTER:
ULTIMATE ABSTRACT SERVICES PICKUP
-CLARA
FIDELITY NATIONAL TITLE INS CO. 9154UQ-JA
121 WEST OAK STREET
AMITYVILLE, NY 11701
631-598-0474

RETURN TO:
KRISS FEURSTEIN & KATZ LLP
ATTN: DAVID S. KRISS, ESQ.
360 LEXINGTON AVENUE, SUITE 1300
NEW YORK, NY 10017

PROPERTY DATA

Borough	Block	Lot		Unit	Address
QUEENS	2601	6	Entire Lot		57-00 47 STREET

Property Type: OTHER

CROSS REFERENCE DATA

Document ID: 2006021700575001

PARTIES

ASSIGNEE:
BROOKLYN FEDERAL SAVINGS BANK
81 COURT STREET
BROOKLYN, NY 11201

ASSIGNOR:
57-00 MASPETH AVENUE, LLC
C/O PEBBLE LANE ASSOCIATES, 1545 PEBBLE LANE
HEWLETT, NY 11557

FEES AND TAXES

Mortgage		
Mortgage Amount:	$	1,500,000.00
Taxable Mortgage Amount:	$	0.00
Exemption:		255
TAXES: County (Basic):	$	0.00
City (Additional):	$	0.00
Spec (Additional):	$	0.00
TASF:	$	0.00
MTA:	$	0.00
NYCTA:	$	0.00
Additional MRT:	$	0.00
TOTAL:	$	0.00

Recording Fee:	$	82.00
Affidavit Fee:	$	8.00
NYC Real Property Transfer Tax Filing Fee:	$	0.00
NYS Real Estate Transfer Tax:	$	0.00

RECORDED OR FILED IN THE OFFICE OF THE CITY REGISTER OF THE CITY OF NEW YORK
Recorded/Filed 02-28-2006 13:43
City Register File No.(CRFN):
2006000114095

City Register Official Signature

ASSIGNMENT OF LEASES AND RENTS

THIS ASSIGNMENT OF LEASES AND RENTS, made this 8th day of November, 2005 from 57-00 Maspeth Avenue, LLC, a New York limited liability company having an address at c/o Pebble Lane Associates, 1545 Pebble Lane, Hewlett, NY 11557, ("**Assignor**"), to BROOKLYN FEDERAL SAVINGS BANK, having an address at 81 Court Street, Brooklyn, New York 11201 ("**Assignee**").

W I T N E S S E T H:

WHEREAS, Assignor is the owner of a commercial building located at 57-00 47th Street, Maspeth, Queens, New York as more particularly described on Exhibit "A" annexed hereto and made a part hereof ("**Property**"); and

WHEREAS, Assignee has made available to Assignor a revolving crddit facility in the principal amount of $1,500,000.00 as evidenced by a certain Revolving Line of Credit Secured Promissory Note executed simultaneously herewith (hereinafter referred to as the "**Note**");

WHEREAS, Assignee would not have made the loan to Assignor unless Assignor assigned to Assignee all of Assignor's rights, title and interest as landlord under any and all leases, subleases and other occupancy agreements now existing for any space at the Property and to any modified, replacement, substitute or new lease, sublease or other occupancy agreement for any space at the Property entered into after the date of this Assignment.

NOW, THEREFORE, the Assignor, for and in consideration of these presents and the mutual agreements contained in this Assignment of Rents ("**Assignment**") and in consideration of the sum of TEN AND NO/100 DOLLARS ($10.00) to the Assignor in hand paid, the receipt of which are hereby acknowledged, does hereby sell, assign and transfer unto the Assignee all rents, issues and profits now due and which may hereafter become due under or by virtue of and any lease or sublease, whether written or verbal, or any letting of, or of any agreement for the use or occupancy of the Property or any part thereof, which may have been heretofore or may be hereafter made or agreed to or which may be made or agreed to by the Assignor under the powers herein granted, it being the intention hereby to establish an absolute transfer and assignment of all rents, issues and profits arising from or related to the Property, to the Assignee, and the Assignor does hereby appoint irrevocably the Assignee its true and lawful attorney in its name and stead (with or without taking possession of the Property), to collect all of said avails, rents, issues and profits arising from or accruing at any time hereafter, and all now due, or that may hereafter become due under any lease, sublease or other occupancy agreement and all future leases and agreements, written or verbal, or other tenancy existing or which may hereafter exist on the Property, with the same rights and powers and subject to the same immunities,

exoneration of liability and rights of recourse and indemnity as the Assignor would have upon taking possession of the Property pursuant to the provisions hereinafter set forth.

It is agreed that this is an absolute assignment of rents, income and profits; however, Assignee grants and deems unto Assignor a license to collect all rents, issues and profits for so long as Assignor is not in default under any of the provisions of the Note or any other agreements which secure the Note (hereinafter collectively "**Loan Documents**"), including any renewal, extension or rearrangement of the Note or the Loan Documents and Assignor shall hold same in trust for the benefit of Assignee, and the proceeds from such rents, issues and profits shall bc used by Assignor solely in the following order of priority:

(a) To the payment of the Note including any renewal, extension or rearrangement thereof;

(b) To the payment of insurance, taxes and special assessments now due or which may become hereinafter due on the Property;

(c) To the payment of all operating expenses of the Property including, but not limited to, management and leasing expenses, utilities and repairs to the Property.

In the event of a default by Assignor under any of the Loan Documents, then the license granted herein to Assignor to collect the rents, issues and profits from the Property shall terminate without Assignee having to take any affirmative action to bring about such termination. The license granted herein to Assignor is personal, revocable and unassignable.

The Assignor additionally assigns to Assignee a security interest in all leases entered into with any tenant occupying all or any part of the Property; and further Assignor agrees to assign and transfer to the Assignee a security interest in all future leases upon all or any part of the Property in order to secure the repayment of the Note and the performance by Assignor of its covenants under the Loan Documents; provided, however, that notwithstanding any provision herein to the contrary, under no circumstances shall Assignee be liable or responsible for any of the obligations of Assignor as lessor under any of said leases or other occupancy agreements. Assignor agrees to execute and deliver, immediately upon the request of the Assignee, all such further assurances and assignments in the Property as the Assignee shall from time to time require. In the event of a default by Assignor under any of the Loan Documents then Assignee may proceed to enforce its rights under any of the leases and Assignor does hereby appoint irrevocably the Assignee its true and lawful attorney in its name and stead (with or without taking possession of the Property), to rent, lease or let all or any portion of the Property to any party or parties at such rental and upon such terms in its discretion as it may determine.

Although it is the intention of the parties that this assignment of rents, issues and profits shall be a present and absolute assignment, Assignor has additionally granted and assigned unto

Assignee a security interest in and to all leases and other occupancy agreements and future leases or future occupancy agreements of the Property and it is expressly understood and agreed, anything herein contained to the contrary notwithstanding, that the Assignor shall not exercise any of the rights and powers conferred upon it by virtue of its security interest in any of the leases until and unless a default shall occur in the payment of interest or principal due under the Note or in the performance or observance of any of the conditions or agreements of any Loan Documents now or at any time securing the Note or the debt evidenced thereby or by any extension thereof and nothing herein contained shall be deemed to affect or impair any rights which the Assignee may have under the Note, Loan Documents or any other instrument evidencing or securing the indebtedness evidenced by the Note.

Once the Note and any renewals and extensions thereof have been paid, and the obligations on behalf of Assignor contained in the Loan Documents have been completed to the satisfaction of Assignee, the Assignee will assign back to Assignor the rents, issues and profits granted herein and further Assignee shall release its security interest any of the leases upon written request of Assignor.

During the time period intervening between a default by the Assignor and either the taking of possession of the Property as provided hereinafter, or a foreclosure by Assignee or a conveyance by a deed in lieu of foreclosure by Assignor to Assignee, this Assignment shall remain in full force and effect and Assignee will be entitled to all rents, issues and profits arising out of the Property.

The Assignor represents and agrees that no rent has been or will be paid by any person or entity in possession of any portion of the Property for more than one (1) month in advance and that no payment of the rents to accrue for any portion of the Property has been or will be waived, released, reduced or discounted, or otherwise discharged or compromised by the Assignor. The Assignor waives any right of set off against any person in possession of any portion of the Property. The Assignor agrees that it will not further assign any of the rents or profits of the Property and any such further assignment shall be void and of no force or effect.

The Assignor represents and agrees that it shall not cancel, terminate, or consent to any surrender of any lease, sublease or other occupancy agreement or any future leases or other occupancy agreements, permit any cancellation, termination, or surrender, commence an action of ejectment or any summary proceedings for dispossession of the tenant under any of the leases, exercise any right of recapture provided in any or the leases or other occupancy agreements, or modify or in any way alter the terms of any lease or other occupancy agreement or future lease or future occupancy agreement without Assignee's prior written consent which may be granted or withheld in Assignee's sole and absolute discretion provided, however, that for so long as no Event of Default shall exist under any of the Loan Documents, Assignor shall have the right to enter into commercial leases in accordance with the terms set forth in paragraph 7 of the Mortgage;

Nothing herein contained shall be construed as constituting the Assignee a "mortgagee in possession" in the absence of the taking of actual possession of the Property by the Assignee pursuant to the provisions hereinafter contained. In the exercise of the powers herein granted the Assignee, no liability shall be asserted or enforced against the Assignee, all such liability being expressly waived and released by the Assignor.

In any case in which the Assignee has a right to declare the indebtedness secured hereby due and payable, either before or after said indebtedness is declared due, forthwith upon demand of the Assignee, the Assignor agrees to surrender to the Assignee and the Assignee shall be cntitled to take actual possession of the Property or any part thereof, personally, or by its agents or attorneys, and the Assignee in its discretion may, with or without force, and with or without process of law, enter upon and take and maintain possession of all or any part of the Property, together with all the documents, books, records, papers and accounts of the Assignor or the then owner of the Property relating thereto, and may exclude the Assignor, the agents or servants of the Assignor, wholly therefrom and may as attorney-in-fact or agent of the Assignor or in its own name as holder and under the powers herein granted, hold, operate, manage and control the Property and conduct the business, if any, thereof either personally or by its agents, with full power to use such measures, legal or equitable, as in its discretion or in the discretion of its successors or assigns may be deemed proper or necessary to enforce the payment or security of the avails, rents, issues and profits of the Property, including actions for the recovery of rent, actions in forcible detainer and actions in distress for rent, hereby granting full power and authority to exercise each and every one of the rights, privileges and powers herein granted at any and all times hereafter, without notice to the Assignor, and with full power to cancel or terminate any lease or sublease for any cause or on any ground which would entitle the Assignee to cancel the same, to elect to disaffirm any lease or sublease made subsequent to this Assignment, to make all necessary or proper repairs, decorating, renewals, replacements, alterations, additions, betterments and improvements to the Property that may seem judicious, in its discretion, insure and re-insure the same for all risks incidental to Assignee's possession, operation and management thereof and to receive all such avails, rents, issues and profits.

The Assignee shall not be obligated to perform or discharge, nor does it hereby undertake to perform or discharge, any obligation, duty or liability under any of the leases or other occupancy agreements relating to the Property, and the Assignor shall and does hereby agree to indemnify and hold the Assignee harmless of and from any and all liability, loss or damage which it may or might incur under any of the leases or under or by reason of the assignment thereof and of and from any and all claims and demands whatsoever which may be asserted against it by reason of any alleged obligations or undertakings on its part to perform or discharge any of the terms, covenants or agreements contained in any of the leases. Should the Assignee incur any such liability, loss or damage, under any of the leases or under or by reason of the assignment thereof, or in the defense of any claims or demands the Assignor agrees to reimburse the Assignee for the amount thereof, immediately upon demand.

The Assignee in the exercise of the rights and powers conferred upon it by this Assignment shall have full power to use and apply the avails, rents, issues and profits of the

Property to the payment of or on account of the following, in such order as the Assignee may determine:

(a) To the payment of any of the above described indebtedness or any renewal, extension or rearrangement thereof;

(b) To the payment of all operating expenses of the Property, including, but not limited to, the cost of management and leasing thereof (which shall include reasonable compensation to the Assignee and its agent or agents, if management be delegated to an agent or agents, and it shall also include lease commissions and other compensation and expenses of seeking and procuring tenants and entering into leases), utilities and repairs to the Property;

(c) To the payment of insurance, taxes and special assessments now due or which may hereafter become due on the Property.

The Assignor does further specifically authorize and instruct each and every present and future lessee or tenant of the whole or any part of the Property to pay all unpaid rentals agreed upon in any tenancy to the Assignee upon receipt of demand from the Assignee to so pay the same.

It is understood and agreed that the provisions set forth in this Assignment shall be deemed as a special remedy given to the Assignee, and shall not be deemed exclusive of any of the remedies which the Assignee would otherwise have, but shall be cumulative with any such remedies.

Whenever the word "Assignor" is mentioned herein, it is hereby understood that the same includes and shall be binding upon the heirs, executors, administrators, successors and assigns (including successors by consolidation) of the Assignor as the case may be, and any party or parties holding title to the Property by, through or under the Assignor. All of the rights, powers, privileges and immunities herein granted assigned to the Assignee shall also inure to its successors and assigns, including all holders, from time to time, of the Note.

It is expressly understood that no judgment or decree which may be entered on any debt secured hereby shall operate to abrogate or lessen the effect of this instrument, but that the same shall continue in full force and effect until the payment and discharge of any and all indebtedness secured hereby, in whatever form the said indebtedness may be shall have been paid in full and all bills incurred by virtue of the authority herein contained have been fully paid out of the rents, issues and profits of the Property, or by the Assignor, or until such time as this instrument may be voluntarily released. The rights granted hereunder shall inure to the benefit of and be binding upon the respective heirs, executors, administrators, successors and assigns of the Assignor and the Assignee.

In the event any lessee under any of the leases should be the subject of any proceeding under the United States Bankruptcy Code or any other federal, state, or local statute which provides for the possible termination or rejection of any of the leases assigned hereby, Assignor covenants and agrees that if any of the leases are so rejected, no settlement for damages shall be made without the prior written consent of the Assignee, and any check in payment of damages for rejection of any of the leases will be made payable both to the Assignor and Assignee. Assignor hereby assigns any such payment to Assignee and further covenants and agrees that upon the request of Assignee it will duly endorse to the order of Assignee any such check, the proceeds of which will be applied to whatever portion of the indebtedness secured by this Agreement Assignee may elect.

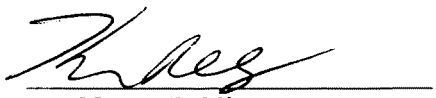
EXECUTED and DELIVERED on this the 8th day of November, 2005

57-00 MASPETH AVENUE, LLC

By: Rossana Bortone
Rossana Bortone
Managing Member

STATE OF NEW YORK)
) ss:
COUNTY OF NEW YORK)

On the 8th day of November in the year 2005 before me, the undersigned, a Notary Public in and for said State, personally appeared, Rossana Bortone, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed this instrument.



Notary Public

KEVIN REGAN
Notary Public, State of New York
No. 01RE6069089
Qualified in Queens County
Commission Expires January 22, 2006

SCHEDULE A

(DESCRIPTION OF PREMISES)

All that certain plot, piece or parcel of land, situate, lying and being in Maspeth in the Second Ward, Borough and County of Queens, City and State of New York bounded and described as follows:

BEGINNING AT A POINT ON THE WESTERLY SIDE OF 47TH STREET AS LAID OUT, 70 FEET WIDE, DISTANT 705.85 FEET NORTH OF THE CORNER FORMED BY THE INTERSECTION OF THE SAID WESTERLY SIDE OF 47TH STREET WITH THE PRESENT NORTHERLY SIDE OF GRAND AVENUE AS LAID OUT, 80 FEET WIDE;

RUNNING THENCE NORTHERLY FROM THE POINT OF BEGINNING AND ALONG THE SAID WESTERLY SIDE OF 47TH STREET, A DISTANCE OF 440 FEET;

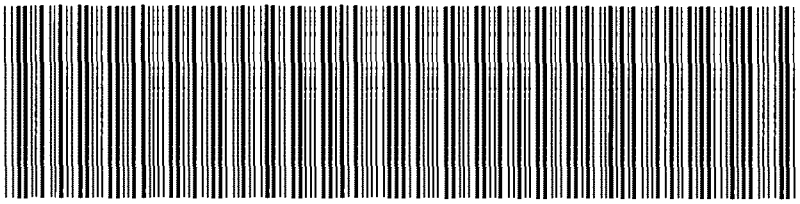
THENCE WESTERLY ALONG A LINE FORMING AN INTERIOR ANGLE OF 91 DEGREES 04 MINUTES 06 SECONDS WITH THE PRECEDING COURSE, A DISTANCE OF 195.27 FEET TO THE U.S. PIER AND BULKHEAD LINE EXTENDING ALONG THE EASTERLY SIDE OF NEW TOWN CREEK AND APPROVED BY THE SECRETARY OF WAR ON JANUARY 21, 1920 AS SHOWN ON ALTERATION MAP NO. 890 TO THE FINAL MAPS OF THE CITY OF NEW YORK FOR THE BOROUGH OF QUEENS;

THENCE SOUTHERLY ALONG SAID PIER AND BULKHEAD LINE FORMING AN INTERIOR ANGLE OF 109 DEGREES 29 MINUTES 19 SECONDS WITH THE PRECEDING COURSE, A DISTANCE OF 269.10 FEET TO AN ANGLE POINT IN THE SAID PIER AND BULKHEAD LINE;

THENCE SOUTHERLY ALONG THE SAID PIERHEAD AND BULKHEAD LINE ALONG A LINE FORMING AN INTERIOR ANGLE OF 160 DEGREES 42 MINUTES 52 SECONDS WITH THE PRECEDING COURSE, A DISTANCE OF 191.72 FEET;

THENCE EASTERLY ON A LINE FORMING AN INTERIOR ANGLE OF 88 DEGREES 43 MINUTES 43 SECONDS WITH THE PRECEDING COURSE AND BEING ALSO AT RIGHT ANGLES TO THE AFOREMENTIONED WESTERLY SIDE OF 47TH STREET, A DISTANCE OF 293.98 FEET TO THE POINT OF **BEGINNING** ON THE WESTERLY SIDE OF 47TH STREET.

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER



2006021700575002001SD41F

SUPPORTING DOCUMENT COVER PAGE **PAGE 1 OF 1**

Document ID: 2006021700575002 Document Date: 11-08-2005 Preparation Date: 02-17-2006

Document Type: ASSIGNMENT OF LEASES AND RENTS

SUPPORTING DOCUMENTS SUBMITTED:

	Page Count
255 MORTGAGE TAX EXEMPT AFFIDAVIT	1

91540Q
BLK 2601
LOT: 6

AFFIDAVIT IN SUPPORT OF CLAIM FOR EXEMPTION FROM
TAX UNDER SECTION 255 OF THE NEW YORK TAX LAW
IN CONNECTION WITH RECORDING OF ASSIGNMENT OF LEASES AND RENTS

The undersigned hereby states that:

(1) The undersigned is the Mortgagee under a Mortgage encumbering the premises on 57-00 47th Street, Maspeth, Queens, New York which Mortgage has been executed and delivered simultaneously with an Assignment of Leases and Rents. Mortgage Tax has been paid in connection with the recording of the Mortgage without abatement or credit.

(2) The Assignment of Leases and Rents dated the same date as the Mortgage and to be recorded against the Premises further secures the sums secured by the Mortgage and does not evidence any new indebtedness.

(3) The Assignment is herewith tendered for recording.

WHEREFORE, deponent respectfully requests that the Assignment herewith tendered for recording be declared exempt from taxation pursuant to the provisions of Section 255 of Article XI of the Tax Law of the State of New York.

Brooklyn Federal Savings Bank

By: _____
David S. Kriss
Authorized Signatory

Sworn to before me this
22nd day of January, 2003

_____
Notary Public

DAVID KEUSCH
Notary Public, State of New York
No. 02KE6112510
Qualified in Nassau County
Commission Expires 7/6/20 08

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

This page is part of the instrument. The City Register will rely on the information provided by you on this page for purposes of indexing this instrument. The information on this page will control for indexing purposes in the event of any conflict with the rest of the document.

2006092100612001001E9101

RECORDING AND ENDORSEMENT COVER PAGE **PAGE 1 OF 5**

Document ID: 2006092100612001 Document Date: 05-31-2006 Preparation Date: 09-21-2006
Document Type: DEED
Document Page Count: 3

PRESENTER:	**RETURN TO:**
ULTIMATE ABSTRACT SERVICES PICKUP -CLARA STEWART TITLE INS. CO.9630UQ-BP 121 WEST OAK STREET AMITYVILLE, NY 11701 631-598-0474	JOHN A. SERVIDER 65-12 69TH PLACE MIDDLE VILLAGE, NY 11379

PROPERTY DATA

Borough	Block	Lot	Unit	Address
QUEENS	2602	72	Entire Lot	57-05 47 STREET

Property Type: COMMERCIAL REAL ESTATE

CROSS REFERENCE DATA

CRFN_____ *or* Document ID_____ *or* _____ Year____ Reel ___ Page____ *or* File Number_____

PARTIES

GRANTOR/SELLER:	**GRANTEE/BUYER:**
ESTATE OF ALFREDO LAMANNA 3 DEVINE STREET LYNBROOK, NY 20632-9145	FUMO, LLC 57-00 47TH STREET MASPETH, NY 11378

x Additional Parties Listed on Continuation Page

FEES AND TAXES

Mortgage		
Mortgage Amount:	$	0.00
Taxable Mortgage Amount:	$	0.00
Exemption:		
TAXES: County (Basic):	$	0.00
City (Additional):	$	0.00
Spec (Additional):	$	0.00
TASF:	$	0.00
MTA:	$	0.00
NYCTA:	$	0.00
Additional MRT:	$	0.00
TOTAL:	$	0.00

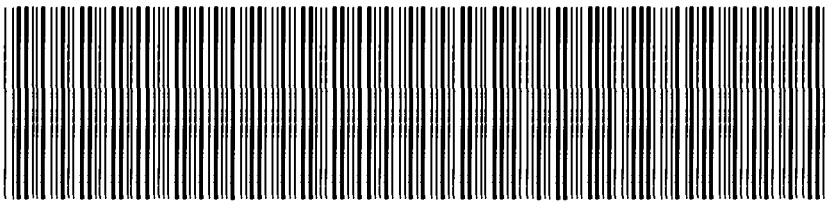
NYC HPD Affidavit in Lieu of Registration Statement

Recording Fee: $	52.00
Affidavit Fee: $	0.00
NYC Real Property Transfer Tax Filing Fee: $	165.00
NYS Real Estate Transfer Tax: $	0.00

RECORDED OR FILED IN THE OFFICE OF THE CITY REGISTER OF THE CITY OF NEW YORK
Recorded/Filed 09-26-2006 17:31
City Register File No.(CRFN):
2006000542059

City Register Official Signature

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER



2006092100612001001C9381

RECORDING AND ENDORSEMENT COVER PAGE (CONTINUATION)

Document ID: 2006092100612001 Document Date: 05-31-2006 Preparation Date: 09-21-2006
Document Type: DEED

PARTIES
GRANTOR/SELLER:
MARCELLA LAMANNA, AS EXECUTOR
3 DEVINE STREET
LYNBROOK, NY 20632-9145

9630 LC
B 2601
C 79
TT = E

EXECUTOR'S DEED (INDIVIDUAL OR CORPORATION)

FORM 8005 (short version), FORM 8010 (long version)

CAUTION: THIS AGREEMENT SHOULD BE PREPARED BY AN ATTORNEY AND REVIEWED BY ATTORNEYS FOR SELLER AND PURCHASER BEFORE SIGNING.

THIS INDENTURE, made the 31st MAY, 2006,

between Marcella Lamanna

as executor of The Last Will and Testament of Alfredo Lamanna, late of 3 Devine Street, Lynbrook, New York 11563 who died on the Second day of October, Two Thousand Eour, party of the first part, and

Fumo, LLC of 57-00 47th Street, Maspeth, New York 11378,

party of the second part,

WITNESSETH, that the party of the first part, to whom letters testamentary were issued by the Surrogate's Court, Nassau County, New York on January 3, 2005 and by virtue of the power and authority given in and by said last will and testament, and/or by Article 11 of the Estates, Powers and Trusts Law, and in consideration of 10.00 dollars, lawful money of the United States, paid by the party of the second part, does hereby grant and release unto the party of the second part, the distributees or successors and assigns of the party of the second part forever.

ALL that certain plot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the Borough and County of Queens, City and State of New York, bounded and described as follows:

BEGINNING at the corner formed by the intersection of the southerly side of Maspeth Avenue, 66 feet wide, with the easterly side of 47th Street, 70 feet wide;
RUNNING THENCE easterly along the southerly side of Maspeth Avenue and along the prolongation easterly thereof, 222.76 feet;
THENCE southwesterly along a line forming an interior angle of 54 degrees, 46 minutes, 39 seconds with the preceding course, 242.99 feet;
THENCE westerly at right angles to the easterly side if 47th Street, 78.91 feet to the easterly side of 47th Street;
THENCE northerly along the easterly side of 47th Street, 200 feet to the point or place of BEGINNING.

SAID PREMISES being known as and by the street number 57-05 47th Street, Maspeth, New York.

TOGETHER with all right, title and interest, if any, of the party of the first part in and to any streets and roads abutting the above described premises to the center lines thereof,

TOGETHER with the appurtenances, and also all the estate which the said decedent had at the time of decedent's death in said premises, and also the estate therein, which the party of the first part has or has power to convey or dispose of, whether individually, or by virtue of said will or otherwise,

TO HAVE AND TO HOLD the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever.

AND the party of the first part covenants that the party of the first part has not done or suffered anything whereby the said premises have been encumbered in any way whatever, except as aforesaid.

AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the costs of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.

The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above written.

Marcella Lamanna
Marcella Lamanna

PRESENCE OF:

© 2003Matthew Bender & Co., a member of the LexisNexis Group.

Acknowledgment by a Person Within New York State (RPL § 309-a)

STATE OF NEW YORK)
) ss.:
COUNTY OF NASSAU)

On the 31st day of MAY in the year 2006, before me, the undersigned, personally appeared Marcella Lamanna, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that she executed the same in her capacity(ies), and that by her signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

(signature and office of individual taking acknowledgment)

THOMAS M. CHERNOW
Notary Public, State of New York
No. 4981221
Qualified In Nassau County
Commission Expires January 29, 2010

Deed

Title No.

Marcella Lamanna as Executrix
To
Fumo, LLC

Section
Block
Lot
County or Town Queens
Street Address 57-05 47th Street
Maspeth, New York 11378

Return By Mail To:

John A. Servider
65-12 69th Place
Middle Village, New York 11379

Reserve This Space For Use Of Recording Office

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LEGAL DESCRIPTION

All that certain plot, piece or parcel of land, situate, lying and being in the Borough and County of Queens, City and State of New York, bounded and described as follows:

BEGINNING AT THE CORNER FORMED BY THE INTERSECTION OF THE SOUTHERLY SIDE OF MASPETH AVENUE, 66 FEET WIDE, WITH THE EASTERLY SIDE OF 47TH STREET, 70 FEET WIDE;

RUNNING THENCE EASTERLY ALONG THE SOUTHERLY SIDE OF MASPETH AVENUE AND ALONG THE PROLONGATION EASTERLY THEREOF, 222.76 FEET;

THENCE SOUTHWESTERLY ALONG A LINE FORMING AN INTERIOR ANGLE OF 54 DEGREES 46 MINUTES 39 SECONDS WITH THE PRECEDING COURSE, 242.99 FEET;

THENCE WESTERLY AT RIGHT ANGLES TO THE EASTERLY SIDE OF 47TH STREET, 78.91 FEET TO THE EASTERLY SIDE OF 47TH STREET;

THENCE NORTHERLY ALONG THE EASTERLY SIDE OF 47TH STREET, 200 FEET TO THE POINT OR PLACE OF **BEGINNING**.

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

2006092100612001001S5F80

SUPPORTING DOCUMENT COVER PAGE **PAGE 1 OF 1**

Document ID: 2006092100612001 Document Date: 05-31-2006 Preparation Date: 09-21-2006
Document Type: DEED

ASSOCIATED TAX FORM ID: 2006092100161

SUPPORTING DOCUMENTS SUBMITTED:

	Page Count
RP - 5217 REAL PROPERTY TRANSFER REPORT	2

963002

FOR CITY USE ONLY
C1. County Code ___ C2. Date Deed Recorded ___ / ___ / ___ (Month / Day / Year)
C3. Book ___ C4. Page ___
OR
C5. CRFN ___

REAL PROPERTY TRANSFER REPORT

STATE OF NEW YORK
STATE BOARD OF REAL PROPERTY SERVICES

RP - 5217NYC

(Rev 11/2002)

PROPERTY INFORMATION

1. Property Location: 57-05 (STREET NUMBER) | 47TH STREET (STREET NAME) | QUEENS (BOROUGH) | 11378 (ZIP CODE)
2. Buyer Name: FUMO, LLC (LAST NAME / COMPANY) | (FIRST NAME)
   (LAST NAME / COMPANY) | (FIRST NAME)
3. Tax Billing Address: Indicate where future Tax Bills are to be sent if other than buyer address (at bottom of form) (LAST NAME / COMPANY) | (FIRST NAME)
   (STREET NUMBER AND STREET NAME) | (CITY OR TOWN) | (STATE) | (ZIP CODE)
4. Indicate the number of Assessment Roll parcels transferred on the deed: 1 # of Parcels OR ☐ Part of a Parcel
   4A. Planning Board Approval - N/A for NYC
   4B. Agricultural District Notice - N/A for NYC
5. Deed Property Size: ___ (FRONT FEET) X ___ (DEPTH) OR ___ (ACRES)
   Check the boxes below as they apply:
   6. Ownership Type is Condominium ☐
   7. New Construction on Vacant Land ☐
8. Seller Name: ESTATE OF ALFREDO LAMANNA (LAST NAME / COMPANY) | (FIRST NAME)
   (LAST NAME / COMPANY) | (FIRST NAME)
9. Check the box below which most accurately describes the use of the property at the time of sale:

A	☐	One Family Residential	C	☐	Residential Vacant Land	E	☑	Commercial	G	☐	Entertainment / Amusement	I	☐	Industrial
B	☐	2 or 3 Family Residential	D	☐	Non-Residential Vacant Land	F	☐	Apartment	H	☐	Community Service	J	☐	Public Service

SALE INFORMATION

10. Sale Contract Date: 5 / 24 / 2006 (Month / Day / Year)
11. Date of Sale / Transfer: 5 / 24 / 2006 (Month / Day / Year)
12. Full Sale Price $ ___
(Full Sale Price is the total amount paid for the property including personal property. This payment may be in the form of cash, other property or goods, or the assumption of mortgages or other obligations.) *Please round to the nearest whole dollar amount.*
13. Indicate the value of personal property included in the sale ___

14. Check one or more of these conditions as applicable to transfer:

A	☐	Sale Between Relatives or Former Relatives
B	☐	Sale Between Related Companies or Partners in Business
C	☐	One of the Buyers is also a Seller
D	☐	Buyer or Seller is Government Agency or Lending Institution
E	☐	Deed Type not Warranty or Bargain and Sale (Specify Below)
F	☐	Sale of Fractional or Less than Fee Interest (Specify Below)
G	☐	Significant Change in Property Between Taxable Status and Sale Dates
H	☐	Sale of Business is Included in Sale Price
I	☐	Other Unusual Factors Affecting Sale Price (Specify Below)
J	☑	None

ASSESSMENT INFORMATION - Data should reflect the latest Final Assessment Roll and Tax Bill

15. Building Class: E 9
16. Total Assessed Value (of all parcels in transfer) ___
17. Borough, Block and Lot / Roll Identifier(s) (If more than three, attach sheet with additional identifier(s))
QUEENS 2602 72

CERTIFICATION

I certify that all of the items of information entered on this form are true and correct (to the best of my knowledge and belief) and I understand that the making of any willful false statement of material fact herein will subject me to the provisions of the penal law relative to the making and filing of false instruments.

BUYER

Rosaria Bertone 5/31/06
BUYER SIGNATURE / DATE

57-00 47th Street
STREET NUMBER / STREET NAME (AFTER SALE)

Maspeth | N Y | 11378
CITY OR TOWN / STATE / ZIP CODE

BUYER'S ATTORNEY

Servider | John
LAST NAME / FIRST NAME

(718) | 894-6300
AREA CODE / TELEPHONE NUMBER

SELLER

M Lamanna 5/31/06
SELLER SIGNATURE / DATE

2006052300723201

9630 UQ

FOR CITY USE ONLY
C1. County Code | C2. Date Deed Recorded Month / Day / Year
C3. Book OR C4. Page
C5. CRFN

REAL PROPERTY TRANSFER REPORT

STATE OF NEW YORK
STATE BOARD OF REAL PROPERTY SERVICES

RP - 5217NYC

(Rev 11/2002)

PROPERTY INFORMATION

1. Property Location: 57-05 (STREET NUMBER) | 47 STREET (STREET NAME) | QUEENS (BOROUGH) | 11378 (ZIP CODE)
2. Buyer Name: FUMO, LLC (LAST NAME / COMPANY) (FIRST NAME)
   (LAST NAME / COMPANY) (FIRST NAME)
3. Tax Billing Address: Indicate where future Tax Bills are to be sent if other than buyer address (at bottom of form) (LAST NAME / COMPANY) (FIRST NAME)
   (STREET NUMBER AND STREET NAME) (CITY OR TOWN) (STATE) (ZIP CODE)
4. Indicate the number of Assessment Roll parcels transferred on the deed: 1 # of Parcels OR ☐ Part of a Parcel
   4A. Planning Board Approval - N/A for NYC
   4B. Agricultural District Notice - N/A for NYC
5. Deed Property Size: (FRONT FEET) X (DEPTH) OR (ACRES)
   Check the boxes below as they apply:
   6. Ownership Type is Condominium ☐
   7. New Construction on Vacant Land ☐
8. Seller Name: ESTATE OF ALFREDO LAMANNA (LAST NAME / COMPANY) (FIRST NAME)
   MARCELLA LAMANNA, AS EXECUTOR (LAST NAME / COMPANY) (FIRST NAME)
9. Check the box below which most accurately describes the use of the property at the time of sale:

A	☐	One Family Residential	C	☐	Residential Vacant Land	E	☑	Commercial	G	☐	Entertainment / Amusement	I	☐	Industrial
B	☐	2 or 3 Family Residential	D	☐	Non-Residential Vacant Land	F	☐	Apartment	H	☐	Community Service	J	☐	Public Service

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B	☐	Sale Between Related Companies or Partners in Business
C	☐	One of the Buyers is also a Seller
D	☐	Buyer or Seller is Government Agency or Lending Institution
E	☐	Deed Type not Warranty or Bargain and Sale (Specify Below)
F	☐	Sale of Fractional or Less than Fee Interest (Specify Below)
G	☐	Significant Change in Property Between Taxable Status and Sale Dates
H	☐	Sale of Business is Included in Sale Price
I	☐	Other Unusual Factors Affecting Sale Price (Specify Below)
J	☑	None

ASSESSMENT INFORMATION - Data should reflect the latest Final Assessment Roll and Tax Bill

15. Building Class: E 9
16. Total Assessed Value (of all parcels in transfer)
17. Borough, Block and Lot / Roll Identifier(s) (If more than three, attach sheet with additional identifier(s))
    QUEENS 2602 72

CERTIFICATION

I certify that all of the items of information entered on this form are true and correct (to the best of my knowledge and belief) and I understand that the making of any willful false statement of material fact herein will subject me to the provisions of the penal law relative to the making and filing of false instruments.

BUYER

BUYER SIGNATURE | DATE
STREET NUMBER | STREET NAME (AFTER SALE)
CITY OR TOWN | STATE | ZIP CODE

BUYER'S ATTORNEY

LAST NAME | FIRST NAME
AREA CODE | TELEPHONE NUMBER

SELLER

SELLER SIGNATURE | DATE

2006092100161201

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

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2009051100767001003ECE8D

RECORDING AND ENDORSEMENT COVER PAGE **PAGE 1 OF 8**

Document ID: 2009051100767001 Document Date: 05-01-2009 Preparation Date: 05-13-2009
Document Type: MEMORANDUM OF LEASE
Document Page Count: 7

PRESENTER:	**RETURN TO:**
FIRST AMERICAN -UNIONDALE- GAIL SULLIVAN*PICK-UP* 333 EARLE OVINGTON BLVD, TITLE#NCS-364766CLE KO UNIONDALE, NY 11553 516-832-3206	PETER R. SULLIVAN, ESQ. 475 PARK AVENUE SOUTH NEW YORK, NY 10016

PROPERTY DATA

Borough	Block	Lot	Unit	Address
QUEENS	2601	6	Entire Lot	57-00 47TH STREET

Property Type: COMMERCIAL REAL ESTATE

CROSS REFERENCE DATA

CRFN_____ *or* Document ID_____ *or* _____ Year____ Reel ___ Page ____ *or* File Number_____

PARTIES

LESSOR:	**LESSEE:**
5700 MASPETH AVENUE, LLC C/O SULLIVAN GARDNER PC, 475 PARK AVENUE NEW YORK, NY 10016	PEBBLE LANE ASSOCIATES,LLC C/O 2925 BRIAR PARK HOUSTON, TX 77042

FEES AND TAXES

Mortgage		
Mortgage Amount:	$	0.00
Taxable Mortgage Amount:	$	0.00
Exemption:		
TAXES: County (Basic):	$	0.00
City (Additional):	$	0.00
Spec (Additional):	$	0.00
TASF:	$	0.00
MTA:	$	0.00
NYCTA:	$	0.00
Additional MRT:	$	0.00
TOTAL:	$	0.00
Recording Fee:	$	72.00
Affidavit Fee:	$	0.00

Filing Fee:	
$	50.00
NYC Real Property Transfer Tax:	
$	0.00
NYS Real Estate Transfer Tax:	
$	0.00

RECORDED OR FILED IN THE OFFICE OF THE CITY REGISTER OF THE CITY OF NEW YORK
Recorded/Filed 05-15-2009 11:19
City Register File No.(CRFN):
2009000145148

City Register Official Signature

R&R:
Peter R. Sullivan ESQ.
475 Park Ave S.
NY NY 10016

NCS-364766CLE
BIK 2001
LOT 60

7

MEMORANDUM OF LEASE

THIS MEMORANDUM OF LEASE, dated May 1, 2009, between, **57-00 MASPETH AVENUE, LLC**, a New York limited liability company, having an address at c/o Sullivan Gardner PC, 475 Park Avenue South, New York, New York 10016 ("Landlord"), and **PEBBLE LANE ASSOCIATES, LLC**, a Delaware limited liability company, having an address at c/o U.S. Concrete, Inc., 2925 Briarpark, Suite 1050, Houston, Texas 77042 ("Tenant").

WHEREAS, by a certain lease dated May 1, 2009 (hereinafter referred to as the "Lease"), Landlord leased to Tenant the premises (hereinafter referred to as the "Premises") described in the Lease and also set forth in item 4 below, subject to the terms, covenants, and conditions set forth in the Lease; and

WHEREAS, Landlord and Tenant have executed this Memorandum in accordance with Section 291-C of the Real Property Article of the New York Code for the purpose of submitting it to be recorded among the land records of Queens County, New York.

NOW, THEREFORE, WITNESSETH, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereto state as follows with respect to the Lease:

1. Names of the parties:

   Landlord: 57-00 Maspeth Avenue, LLC
   Tenant: Pebble Lane Associates, LLC

2. The addresses of the parties set forth in the Lease:

   Landlord's Address: 57-00 Maspeth Avenue, LLC
   c/o Sullivan Gardner PC
   475 Park Avenue South
   New York, New York 10016

   Tenant's Address: Pebble Lane Associates, LLC
   c/o U.S. Concrete, Inc.
   2929 Briarpark, Suite 1050
   Houston, Texas 77042

3. Reference to the Lease:

   The lease was executed by and between Landlord and Tenant and was dated as of May 1, 2009.

4. Description of the Premises as set forth in the Lease: the land outlined on Exhibit A of the Lease.

5. Initial Term of the Lease expires on April 30, 2019.

Commencement Date: May 1, 2009
Termination Date: April 30, 2019

6. The initial term of the Lease may be extended for a maximum of 10 years.

7. Section 26 of the Lease grants Tenant the right of first refusal over the leased premises, upon certain terms and conditions set forth therein.

[SIGNATURE PAGE FOLLOWS

IN WITNESS WHEREOF, the parties have executed this Memorandum as of the date and year first above written.

EMILIO LAMANNA

_____

SABATINO LAMANNA

_____

PEBBLE LANE ASSOCIATES, LLC

By:_____

Its:_____

Acknowledgment for:

STATE OF NEW YORK, COUNTY OF Queens , ss.

On the 4th day of May, 2009, before me, the undersigned notary public, personally appeared Emilio Lamanna personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

SEAL

Notary Public
My commission expires on

CINDY D SERVIDER
Notary Public, State of New York
No. 41-4868563
Qualified in Queens County
Commission Expires Nov 17 19 2010

Acknowledgment for:

STATE OF NEW YORK, COUNTY OF Queens , ss.

On the 4th day of May, 2009, before me, the undersigned notary public, personally appeared Sabatino Lamanna personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

Notary Public
My commission expires on

SEAL

CINDY D SERVIDER
Notary Public, State of New York
No. 41-4868563
Qualified in Queens County
Commission Expires Nov 17 192 2010

Acknowledgment for:

STATE OF _____, COUNTY OF , ss.

On the ____ day of _____, 2009, before me, the undersigned notary public, personally appeared _____, _____ of Pebble Lane Associates, LLC, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

Notary Public
My commission expires on

IN WITNESS WHEREOF, the parties have executed this Memorandum as of the date and year first above written.

57-00 MASPETH AVENUE, LLC

By:_____
Its:_____

PEBBLE LANE ASSOCIATES, LLC

By:_____
Its: President

Acknowledgment for:

STATE OF NEW YORK, COUNTY OF , ss.

On the ____ day of _____, 2009, before me, the undersigned notary public, personally appeared _____, _____ of 57-00 Maspeth Avenue, LLC, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

_____
Notary Public
My commission expires on

Acknowledgment for:

STATE OF Texas, COUNTY OF Harris , ss.

On the 28th day of April, 2009, before me, the undersigned notary public, personally appeared Curt M. Underman, President of Pebble Lane Associates, LLC, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

STEPHANIE A. COLLINS
MY COMMISSION EXPIRES
July 3, 2012

Stephanie A. Collins
Notary Public
My commission expires on 7/3/2012

SEAL

EXHIBIT 'A'

ALL THAT CERTAIN PLOT, PIECE OR PARCEL OF LAND, SITUATE, LYING AND BEING IN THE SECOND WARD, BOROUGH AND COUNTY OF QUEENS, CITY AND STATE OF NEW YORK, BOUNDED AND DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT ON THE WESTERLY SIDE OF 47TH STREET AS LAID OUT, 70 FEET WIDE, DISTANT 705.85 FEET NORTH OF THE CORNER FORMED BY THE INTERSECTION OF THE SAID WESTERLY SIDE OF 47TH STREET WITH THE PRESENT NORTHERLY SIDE OF GRAND AVENUE AS LAID OUT, 80 FEET WIDE;

RUNNING THENCE NORTHERLY FROM THE POINT OF BEGINNING AND ALONG THE SAID WESTERLY SIDE OF 47TH STREET, A DISTANCE OF 440 FEET;

THENCE WESTERLY ALONG A LINE FORMING AN INTERIOR ANGLE OF 91° 04' 06" WITH THE PROCEEDING COURSE, A DISTANCE OF 195.27 FEET TO THE U.S. PIER AND BULKHEAD LINE EXTENDING ALONG THE EASTERLY SIDE OF NEW TOWN CREEK AND APPROVED BY THE SECRETARY OF WAR JANUARY 21, 1920, AS SHOWN ON ALTERATION MAP NO. 890 TO THE FINAL MAPS OF THE CITY OF NEW YORK FOR THE BOROUGH OF QUEENS;

THENCE SOUTHERLY ALONG SAID PIER AND BULKHEAD LINE FORMING INTERIOR ANGLE OF 109° 29' 19" WITH THE PROCEEDING COURSE, A DISTANCE OF 269.10 FEET TO AN ANGLE POINT IN THE SID PIER AND BULKHEAD LINE;

THENCE SOUTHERLY ALONG THE SAID PIERHEAD AND BULKHEAD LINE ALONG A LINE FORMING AN INTERIOR ANGLE OF 160° 42' 52" WITH THE PROCEEDING COURSE, A DISTANCE OF 191.72 FEET;

THENCE EASTERLY ON A LINE FORMING AN INTERIOR ANGLE OF 88° 43' 43" WITH THE PROCEEDING COURSE AND BEING ALSO AT RIGHT ANGLES TO THE AFOREMENTIONED WESTERLY SIDE OF 47TH STREET, A DISTANCE OF 293.98 FEET TO THE POINT OF BEGINNING ON THE WESTERLY SIDE OF 47TH STREET.

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

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2012092000356001001E0E33

RECORDING AND ENDORSEMENT COVER PAGE

Document ID: 2012092000356001 Document Date: 09-06-2012 Preparation Date: 09-20-2012
Document Type: CORRECTION MORTGAGE
Document Page Count: 10

PRESENTER:	**RETURN TO:**
ULTIMATE ABSTRACT OF NEW YORK PICKUP-GAIL	ULTIMATE ABSTRACT OF NEW YORK PICKUP-GAIL
51 ALLEN BOULEVARD	51 ALLEN BOULEVARD
UNYRC1994Q	UNYRC1994Q
FARMINGDALE, NY 11735	FARMINGDALE, NY 11735
631-501-9100	631-501-9100
loraine.lezaja@ultimateabstract.com	loraine.lezaja@ultimateabstract.com

PROPERTY DATA

Borough	Block	Lot		Unit	Address
BROOKLYN	3650	119	Entire Lot		9830 DITMAS AVENUE
Property Type:	COMMERCIAL REAL ESTATE				
Borough	**Block**	**Lot**		**Unit**	**Address**
BROOKLYN	3650	121	Entire Lot		9826 DITMAS AVENUE
Property Type:	COMMERCIAL REAL ESTATE				

x Additional Properties on Continuation Page

CROSS REFERENCE DATA

CRFN: 2011000386061

PARTIES

MORTGAGOR/BORROWER:	**MORTGAGEE/LENDER:**
57-00 MASPETH AVE LLC	BANK OF NEW JERSEY
54-01 43RD ST, 2ND FL	458 WEST STREET
MASPETH, NY 11378	FORT LEE, NJ 07024

x Additional Parties Listed on Continuation Page

FEES AND TAXES

Mortgage		
Mortgage Amount:	$	150,000.00
Taxable Mortgage Amount:	$	0.00
Exemption:		255
TAXES: County (Basic):	$	0.00
City (Additional):	$	0.00
Spec (Additional):	$	0.00
TASF:	$	0.00
MTA:	$	0.00
NYCTA:	$	0.00
Additional MRT:	$	0.00
TOTAL:	$	0.00
Recording Fee:	$	92.00
Affidavit Fee:	$	8.00

Filing Fee: $ 0.00
NYC Real Property Transfer Tax: $ 0.00
NYS Real Estate Transfer Tax: $ 0.00

RECORDED OR FILED IN THE OFFICE OF THE CITY REGISTER OF THE CITY OF NEW YORK
Recorded/Filed 09-26-2012 10:58
City Register File No.(CRFN):
2012000381995

City Register Official Signature

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

2012092000356001001C0CB3

RECORDING AND ENDORSEMENT COVER PAGE (CONTINUATION)

Document ID: 2012092000356001 Document Date: 09-06-2012 Preparation Date: 09-20-2012
Document Type: CORRECTION MORTGAGE

PROPERTY DATA

Borough	Block	Lot		Unit	Address
QUEENS	2601	6	Entire Lot		57-00 47TH STREET

Property Type: COMMERCIAL REAL ESTATE

PARTIES
MORTGAGOR/BORROWER:
NEW DITMAS REALTY LLC
28 WOODMERE BLVD SOUTH
WOODMERE, NY 11598

Unyle 19940

RECORDATION REQUESTED BY:
Bank of New Jersey
45B West Street
Fort Lee, NJ 07024

WHEN RECORDED MAIL TO:
Bank of New Jersey
45B West Street
Fort Lee, NJ 07024

SEND TAX NOTICES TO:
Benk of New Jersey
45B West Street
Fort Lee, NJ 07024

FOR RECOROER'S USE ONLY

CORRECTIVE

CREDIT LINE MORTGAGE

NOTICE: THIS MORTGAGE SECURES A NOTE WHICH CONTAINS A PROVISION ALLOWING FOR CHANGES IN THE INTEREST RATE.

THIS MORTGAGE IS A CREDIT LINE MORTGAGE AS DEFINED IN SECTION 2B1 OF THE NEW YORK REAL PROPERTY LAW. IT SECURES AN INDEBTEDNESS UNDER THE DEFINITION OF NOTE, LOCATED IN THE DEFINITIONS SECTION, WHICH REFLECTS THE FACT THAT THE PARTIES REASONABLY CONTEMPLATE ENTERING INTO A SERIES OF ADVANCES OR ADVANCES, PAYMENTS, AND READVANCES. THE NOTE LIMITS THE AGGREGATE AMOUNT AT ANY TIME OUTSTANDING TO THE MAXIMUM AMOUNT SET FORTH BELOW IN THE DEFINITION OF NOTE.

MAXIMUM LIEN. The lien of this Mortgage shall not exceed at any one time $150,000.00.

The Property covered by this Mortgage is or will be secured by other than a 1 or 2 family residence.

THIS MORTGAGE dated September 6, 2012, is made and executed between 57-00 Maspeth Avenue, LLC, whose address is 54-01 43rd Street, 2nd Floor, Maspeth, NY 11378 and New Ditmas Realty, LLC, whose address is 2B Woodmere Boulevard South, Woodmere, NY 1159B (referred to below as "Grantor") and Bank of New Jersey, whose address is 45B West Street, Fort Lee, NJ 07024 (referred to below as "Lender").

GRANT OF MORTGAGE. For veluable consideration, Grentor mortgages, grants, and conveys to Lender all of Grantor's right, title, and interest in end to the following described real property, together with all existing or subsequently erected or affixed buildings, improvements and fixtures; all easements, rights of way, and appurtenences; ell water, weter rights, watercourses and ditch rights (including stock in utilities with ditch or irrigation rights); and all other rights, royalties, and profits releting to the reel property, including without limitation all minerals, oil, gas, geothermal and similar matters, **(the "Real Property") located in Queens & Brooklyn County, State of New York:**

See the exhibit or other description document which is attached to this Mortgage and made a part of this Mortgage as if fully set forth herein.

The Real Property or its address is commonly known as 98-26 Ditmas Avenue, Brooklyn, NY 11236, and 57-00 47th Street, See Attached Schedule "A", Maspeth, NY 11378. The Real Property tax identification number is Borough 3, Block 3650, Lot 119 & 121; And Section 14, Block 2601, Lot 6, See Attached Schedule "B".

REVOLVING LINE OF CREOIT. This Mortgage secures the Indebtedness including, without limitation, a revolving line of credit, which obligates Lender to meke advences to Grantor so long es Grentor complies with all the terms of the Note.

Grantor presently assigns to Lender all of Grantor's right, title, and interest in and to all present and future leases of the Property and all Rents from the Property. In addition, Grantor grants to Lender a Uniform Commercial Code security interest in the Personal Property and Rents.

THIS MORTGAGE, INCLUOING THE ASSIGNMENT OF RENTS ANO THE SECURITY INTEREST IN THE RENTS ANO PERSONAL PROPERTY, IS GIVEN TO SECURE (A) PAYMENT OF THE INOEBTEONESS AND (B) PERFORMANCE OF ANY AND ALL OBLIGATIONS UNOER THE NOTE, THE RELATEO OOCUMENTS, ANO THIS MORTGAGE. THIS MORTGAGE IS GIVEN ANO ACCEPTEO ON THE FOLLOWING TERMS:

PAYMENT ANO PERFORMANCE. Except as otherwise provided in this Mortgage, Grentor shall pay to Lender ell amounts secured by this Mortgage as they become due and shell strictly perform ell of Grantor's obligations under this Mortgage.

POSSESSION ANO MAINTENANCE OF THE PROPERTY. Grantor agrees that Grantor's possession and use of the Property shall be governed by the following provisions:

Outy to Maintein. Grantor shall maintain the Property in tenantable condition end promptly perform ell repairs, replacements, and maintenance necessary to preserve its value.

Compliance With Environmental Laws. Grantor represents and warrants to Lender that: (1) During the period of Grantor's ownership of the Property, there has been no use, generation, manufacture, storage, treatment, disposal, release or threatened releese of any Hazerdous Substance by any person on, under, about or from the Property; (2) Grantor has no knowledge of, or reeson to believe that there has been, except as previously disclosed to and acknowledged by Lender in writing, (e) any breach or violation of any Environmental Laws, (b) any use, generation, manufacture, storage, treatment, disposal, release or threatened release of any Hazardous Substance on, under, about or from the Property by any prior owners or occupants of the Property, or (c) any actual or threetened litigation or claims of any kind by any person relating to such matters; and (3) Except as previously disclosed to and acknowledged by Lender in writing, (a) neither Grantor nor any tenant, contractor, egent or other authorized user of the Property shall use, generate, manufacture, store, treat, dispose of or release any Hazardous Substance on, under, ebout or from the Property; and (b) eny such activity shall be conducted in compliance with all applicable federal, state, and local laws, regulations and ordinances, including without limitation all Environmental Laws. Grantor authorizes Lender and its egents to enter upon the Property to make such inspections and tests, et Grantor's expense, as Lender may deem appropriate to determine compliance of the Property with this section of the Mortgage. Any inspections or tests made by Lender shall be for Lender's purposes only and shall not be construed to create any responsibility or liability on the part of Lender to Grantor or to any other person. The representations and warranties contained herein are based on Grentor's due diligence in investigating the Property for Hazardous Substances. Grantor hereby (1) releases and waives any future claims against Lender for indemnity or contribution in the event Grantor becomes liable for cleenup or other costs under any such laws; and (2) agrees to indemnify, defend, and hold harmless Lender against any and all claims, losses, liabilities, demages, penalties, and expenses which Lender may directly or indirectly sustain or suffer resulting from a breach of this section of the Mortgage or as a consequence of any use, generation, menufacture, storage, disposal, release or threatened release occurring prior to Grantor's ownership or interest in the Property, whether or not the same wes or should have been known to Grantor. The provisions of this section of the Mortgage, including the obligation to indemnify and defend, shall survive the payment of the Indebtedness and the satisfaction and reconveyance of the lien of this Mortgage and shall not be affected by

Lender's ecquisition of any interest in the Property, whether by foreclosure or otherwise.

Nuisance, Weste. Grantor shall not cause, conduct or permit any nuisance nor commit, permit, or suffer any stripping of or wasta on or to the Property or any portion of the Property. Without limiting the generality of the foregoing, Grantor will not remove, or grant to any other perty the right to remove, any timber, minerals (including oil and gas), coel, clay, scoria, soil, gravel or rock products without Lender's prior written consent.

Removal of Improvemants. Grantor shall not demolish or remove any Improvements from the Real Property without Lender's prior written consent. As a condition to the removal of any Improvements, Lender may require Grantor to make arrangements satisfectory to Lender to replace such Improvements with Improvements of at least equal value.

Lendar's Right to Enter. Lender and Lender's agents and representatives may enter upon the Real Property at all reasonable times to attend to Lender's interests and to inspect the Real Property for purposes of Grantor's compliance with the terms and conditions of this Mortgage.

Complience with Governmantal Raquiraments. Grantor shall promptly comply with ell laws, ordinances, and reguletions, now or hereefter in effect, of all governmental authorities eppliceble to the use or occupancy of the Property, including without limitation, the Americans With Disabilities Act. Grantor may contest in good faith any such law, ordinance, or regulation and withhold compliance during any proceeding, including appropriate appeals, so long as Grantor has notified Lender in writing prior to doing so and so long as, in Lender's sole opinion, Lender's interests in the Property are not jeopardized. Lender may require Grantor to post adequate security or a surety bond, reasonably satisfactory to Lender, to protect Lendar's interest.

Duty to Protect. Grantor agrees neither to abandon or leave unattended the Property. Grantor shall do all other acts, in addition to those acts set forth above in this section, which from the character and use of the Property are reasonably necessary to protect and preserve the Property.

AGREEMENTS ABOUT NEW YORK LIEN LAW. Grantor shall receive all amounts lent to Grantor by Lender subject to the trust fund provisions of Section 13 of the New York Lien Law.

DUE ON SALE - CONSENT BY LENDER. Lender may, at Lender's option, declare immediately due end payable all sums secured by this Mortgage upon the sale or transfer, without Lender's prior written consent, of all or any part of the Real Property, or any interest in the Real Property. A "sale or transfer" means the conveyance of Real Property or any right, title or interest in the Real Property; whether legal, beneficial or equitable; whether voluntary or involuntary; whether by outright sale, deed, installment sale contract, land contract, contract for deed, leasehold interest with a term greeter than three (3) years, lease-option contract, or by sale, assignment, or transfer of any beneficial interest in or to any land trust holding title to the Real Property, or by any other method of conveyance of an interest in the Real Property. If any Grantor is a corporation, partnership or limited liability company, transfer also includes any change in ownership of more than twenty-five parcent (25%) of the voting stock, partnership interests or limited liability company interests, es the cese may be, of such Grantor. However, this option shall not be exercised by Lender if such exercise is prohibited by federal law or by New York law.

TAXES AND LIENS. The following provisions releting to the taxes and liens on the Property are part of this Mortgage:

Paymant. Grantor shall pay when due (and in all events prior to delinquency) all taxes, payroll taxes, special taxes, assessments, water charges and sewer service charges levied against or on account of the Property, and shall pay when due all claims for work done on or for services rendered or material furnished to the Property. Grantor shall maintain the Property free of any liens having priority over or equal to the interest of Lender under this Mortgage, except for the Existing Indebtedness referred to in this Mortgage or those liens specificelly agreed to in writing by Lender, and except for the lien of taxes and assessments not due as further specified in the Right to Contest paragraph.

Right to Contast. Grantor may withhold payment of any tax, assessmant, or claim in connection with a good faith dispute over the obligation to pay, so long as Lender's interest in the Property is not jaopardized. If a lien arises or is filed as a result of nonpeyment, Grantor shall within fifteen (15) days after the lien arises or, if a lien is filed, within fifteen (15) days after Grantor has notice of the filing, secure the discharge of the lien, or if requested by Lender, deposit with Lender cash or a sufficient corporate surety bond or other security satisfectory to Lender in an amount sufficient to discharge the lien plus any costs and reasonable attorneys' fees, or other charges thet could accrue as a result of a foreclosure or sele under the lien. In any contest, Grentor shall defend itself and Lender and shall satisfy any adverse judgment before enforcement ageinst the Property. Grantor shall name Lender as an additional obligee under any surety bond furnished in the contest proceedings.

Evidence of Peyment. Grantor shall upon demand furnish to Lender satisfactory evidence of payment of the taxes or assessments and shall authorize the appropriate governmental official to deliver to Lender at any time a written statement of the taxes and assessments against the Property.

Notice of Construction. Grantor shall notify Lender et least fifteen (15) days before any work is commenced, any services are furnished, or any materials are supplied to the Property, if any mechanic's lien, meterialmen's lien, or other lien could be asserted on account of the work, services, or materials. Grantor will upon request of Lender furnish to Lender advance essurances satisfactory to Lender that Grantor can end will pay the cost of such improvements.

PROPERTY DAMAGE INSURANCE. The following provisions relating to insuring the Property are e part of this Mortgage:

Meintenance of Insurence. Grantor shall procure and maintain policies of fire insurance with standard extended coverage endorsements on a replecament basis for the full insurable value covering all Improvements on the Real Property in an amount sufficient to avoid application of any coinsurance clause, and with a standard mortgagee cleuse in favor of Lender. Grantor shall also procure and maintain comprehensive generel liability insurance in such coverage amounts as Lender mey request with Lender being namad as additional insureds in such liability insurance policies. Additionally, Grantor shall maintain such other insurance, including but not limited to hazard, business interruption end boiler insurance as Lender may require. Policies shall ba written by such insurance companies and in such form as may be reasonably acceptable to Lender. Grantor shall deliver to Lender certificates of coverage from each insurer containing a stipulation that coverage will not be cancelled or diminished without a minimum of fifteen (15) days' prior written notice to Lender and not containing any disclaimer of the insurer's liebility for failure to give such notice. Each insurance policy also shall include an endorsement providing that coverage in favor of Lender will not be impaired in any way by any act, omission or default of Grantor or any other person. Should the Real Property be located in an area designated by the Director of the Federal Emergency Managemant Agency as a special flood hazard area, Grantor agrees to obtain and maintain Federal Flood Insurance, if available, within 45 days after notice is given by Lender that the Property is located in a special flood hazard area, for the full unpaid principal balance of the loan and eny prior liens on the property securing the loan, up to the maximum policy limits sat under the National Flood Insurance Program, or as otherwise required by Lender, and to meintain such insurance for the term of the

insurance provisions under this Mortgage, to the extent complianca with the terms of this Mortgage would constitute a duplication of insurance requirement. If any proceads from the insurance become payable on loss, the provisions in this Mortgage for division of proceeds shall apply only to that portion of the proceeds not payable to the holder of the Existing Indebtedness.

Grantor's Raport on Insurance. Upon raquest of Lender, however not more than once a year, Grantor shall furnish to Lander a report on each existing policy of insurance showing: (1) the name of the insurer; (2) the risks insured; (3) the amount of tha policy; (4) the property insured, the then current replacement valua of such property, and the manner of determining that value; and (5) the expiration date of the policy. Grantor shall, upon request of Lender, have an independent appraiser satisfactory to Lender determine the cash value replacement cost of the Property.

LENDER'S EXPENDITURES. If any action or proceeding is commenced that would materially affect Lender's interest in the Property or if Grantor fails to comply with any provision of this Mortgage or any Related Documents, including but not limited to Grantor's failure to comply with any obligation to maintain Existing Indebtedness in good standing as required below, or to discharge or pay when due any amounts Grantor is required to discharge or pay under this Mortgage or any Related Documents, Lender on Grantor's behalf may (but shall not be obligated to) take any action that Lender deems appropriate, including but not limited to discharging or paying all taxes, liens, security interests, encumbrances and other claims, at any time levied or placed on the Property and paying all costs for insuring, maintaining and preserving the Property. All such expenditures incurred or paid by Lender for such purposas will then bear interest at the rate charged under the Note from the date incurred or paid by Lender to the date of repayment by Grantor. All such expenses will become a part of tha Indebtedness and, at Lender's option, will (A) be payable on demand; (B) be added to the balance of the Nota and be apportioned among and be payable with any installment payments to become due during either (1) the term of any applicable insurance policy; or (2) the remaining term of the Note; or (C) be treated as a balloon payment which will be due and payabla at the Note's maturity. The Mortgage also will secure payment of these amounts. Such right shall be in addition to all other rights and remedies to which Lender may be entitled upon Default.

WARRANTY; DEFENSE DF TITLE. The following provisions relating to ownership of the Property are a part of this Mortgage:

Title. Grantor warrants that: (a) Grantor holds good and marketable title of record to the Property in fee simple, free and clear of all liens and encumbrances other than those set forth in the Real Property description or in the Existing Indebtedness section below or in any title insurance policy, title report, or final title opinion issued in favor of, and accepted by, Lender in connection with this Mortgage, and (b) Grantor has the full right, power, and authority to execute and deliver this Mortgage to Lender.

Dafansa of Title. Subject to the exception in the paragraph above, Grantor warrants and will forever defend the title to the Property against the lawful claims of all persons. In tha event any action or proceeding is commenced that questions Grantor's title or the interest of Lender under this Mortgage, Grantor shall defend the action at Grantor's expense. Grantor may be the nominal party in such proceeding, but Lender shall be entitled to participate in the proceeding and to be represented in the proceeding by counsel of Lender's own choice, and Grantor will deliver, or cause to be delivered, to Lender such instruments as Lender may request from time to time to permit such participation.

Complianca With Laws. Grantor warrants that the Property and Grantor's use of the Property complies with all existing applicable laws, ordinances, and regulations of governmental authorities.

Survival of Representations and Warranties. All representations, warranties, and agreements made by Grantor in this Mortgage shall survive the execution and delivary of this Mortgage, shall be continuing in nature, and shall remain in full force and effect until such time as Grantor's Indebtedness shall be paid in full.

EXISTING INDEBTEDNESS. The following provisions concerning Existing Indebtedness are a part of this Mortgage:

Existing Lian. The lien of this Mortgage securing the Indebtedness may be secondary and inferior to an existing lien. Grantor expressly covanants and agraes to pay, or see to the payment of, the Existing Indebtedness and to prevent any default on such indebtedness, any default under the instruments evidencing such indabtadness, or any default under any security documents for such indebtedness.

No Modification. Grantor shall not enter into any agreement with the holder of any mortgage, deed of trust, or other security agreement which has priority ovar this Mortgage by which that agreement is modified, amended, extended, or renewed without the prior written consent of Lender. Grantor shall neither request nor accept any future advances under any such security agreement without the prior written consent of Lender.

CDNDEMNATIDN. Tha following provisions relating to condemnation proceedings are a part of this Mortgage:

Procaadings. If any proceeding in condemnation is filed, Grantor shall promptly notify Lender in writing, and Grantor shall promptly take such steps as may be necessary to defend the action and obtain the award. Grantor may be the nominal party in such proceeding, but Lender shall be entitled to participate in the proceeding and to be represented in the proceeding by counsel of its own choice, and Grantor will deliver or cause to be delivered to Lender such instruments and documentation as may be requested by Lender from time to time to permit such participation.

Application of Nat Proceeds. If all or any part of the Property is condemned by eminent domain proceedings or by any proceeding or purchese in lieu of condemnation, Lender may at its election require that all or any portion of the net proceeds of the award be applied to the Indebtedness or the repair or restoration of tha Property. The net proceeds of the award shall mean the award after payment of all reasonable costs, expenses, and attorneys' fees incurred by Lender in connection with the condemnation.

IMPOSITIDN OF TAXES, FEES AND CHARGES BY GDVERNMENTAL AUTHDRITIES. The following provisions relating to governmental taxes, fees and charges are a part of this Mortgage:

Current Taxas, Faes and Charges. Upon request by Lender, Grantor shall execute such documents in addition to this Mortgage and take whatever other action is requested by Lender to perfect and continue Lender's lien on the Real Property. Grantor shall reimburse Lender for all taxes, as described below, together with all expenses incurred in recording, perfecting or continuing this Mortgage, including without limitation all taxes, fees, documentary stamps, and other charges for recording or registering this Mortgage.

Taxes. The following shall constitute taxes to which this section applies: (1) a specific tax upon this type of Mortgage or upon all or any part of the Indebtedness secured by this Mortgage; (2) e specific tax on Grantor which Grantor is authorized or required to deduct from payments on the Indebtedness secured by this type of Mortgage; (3) a tax on this type of Mortgage chargeable against the Lender or the holder of the Note; and (4) a specific tax on all or any portion of the Indebtedness or on payments of principal and interest made by Grantor.

Subsequent Taxes. If any tax to which this section applies is enacted subsequent to the date of this Mortgage, this event shall have

available to Lender within three (3) days after receipt of written demand from Lander to the extent permitted by applicable law.

Addresses. Tha mailing addresses of Grantor (debtor) and Lendar (secured party) from which informetion concarning the security interest granted by this Mortgage may be obtained (each as raquired by the Uniform Commercial Code) ara as stated on the first page of this Mortgage.

FURTHER ASSURANCES; ATTORNEY-IN-FACT. The following provisions relating to further assurances and attorney-in-fact are a part of this Mortgage:

Further Assurencas. At any time, and from time to time, upon request of Lender, Grantor will make, execute and deliver, or will cause to be mada, executed or delivered, to Lender or to Lender's designee, and when requested by Lander, cause to be filed, recorded, refiled, or rerecorded, as the case may be, at such times and in such offices and places as Lander may deem appropriate, any and all such mortgages, deeds of trust, security deeds, security agreements, financing statements, continuation stetements, instruments of further assurance, certificates, and other documents as may, in the sole opinion of Lender, be necessary or desirable in order to effectuate, complete, perfect, continua, or preserve (1) Grantor's obligations under the Note, this Mortgage, and the Related Documents, and (2) the liens and security interests created by this Mortgage on tha Property, whether now owned or hereafter acquired by Grantor. Unless prohibited by law or Lender agrees to the contrary in writing, Grantor shall reimburse Lender for all costs and expenses incurred in connection with the matters referred to in this paragraph.

Attorney-in-Fact. If Grantor fails to do any of the things referred to in the preceding paragraph, Lender may do so for and in the name of Grantor and at Grantor's expense. For such purposes, Grantor hereby irrevocably appoints Lender es Grantor's attorney-in-fact for the purpose of making, executing, delivering, filing, recording, and doing ell other things as may be necessary or desirable, in Lender's sole opinion, to accomplish the matters referred to in the preceding paragraph.

FULL PERFORMANCE. If Grantor pays all the Indebtedness when due, and otherwise performs all the obligations imposed upon Grantor under this Mortgaga, Lender shall execute end deliver to Grantor e suitable satisfaction of this Mortgage and suitable statements of termination of any financing statement on file evidencing Lender's security interest in the Rents and the Personal Property.

DEFAULT. Default will occur if payment in full is not made immediately when due.

RIGHTS AND REMEOIES ON DEFAULT. Upon Default and at any time thereafter, Lender, at Lender's option, may axercise any one or more of the following rights and remedies, in addition to any other rights or remadies provided by law:

Accelarete Indebtedness. Lender shall have the right at its option without notice to Grantor to declare the entire Indebtedness immadiately due and payable, including any prepayment penalty that Grantor would be required to pay.

UCC Remadies. With respect to all or any part of the Personal Property, Lendar shall have all the rights and remedies of a secured party undar the Uniform Commercial Code.

Collact Rents. Lender shall have the right, without notice to Grantor, to take possession of the Property and collect the Rents, including amounts past due and unpaid, and apply the net proceeds, over and above Lander's costs, against tha Indebtednass. In furtherance of this right, Lender may require any tenent or other user of the Property to maka payments of rent or use fees directly to Lender. If the Rents are collected by Lander, then Grantor irrevocably designates Lender as Grantor's attorney-in-fact to endorse instrumants receivad in payment thereof in the name of Grantor and to negotiate the same and collect the proceeds. Payments by tenants or other users to Lender in response to Lender's demand shall satisfy the obligetions for which the payments are made, whether or not any proper grounds for the demand existed. Lender may exercise its rights under this subparagraph either in person, by agent, or through a receiver.

Appoint Receiver. Lender shall have the right to heve a receiver eppointed to take possession of all or any part of the Property, with the power to protact end praserve the Property, to operate the Property preceding foreclosure or sale, and to collect the Rents from the Property and apply the proceeds, over and above the cost of the receivership, against the Indebtedness. Lander's right to the appointment of a receiver shall exist whether or not the apperent value of the Property exceeds the Indebtedness by a substantial amount. The right to a receiver shall be given to Lender regardless of the solvency of Grantor and without any requirement to give notice to Grantor.

Judicial Foreclosure. Lender may obtain a judicial decree foreclosing Grantor's interest in all or any part of the Property.

Nonjudiciel Sale. Grantor gives Lender a power of sele over Grentor's interest in all or in any part of the Personal Property or the Real Property subject to the Mortgege. This means that Lender will be authorized to sell all property subject to the Mortgage in connection with a non-judicial foreclosure proceeding. Lender is authorized to commence a non-judicial foreclosure proceeding as may be permitted by epplicable law, including Article 14 of the New York Real Property Actions and Proceedings Law and any amendments or succassors to that law.

Deficiency Judgment. If permitted by applicable law, Lender may obtain a judgment for any deficiency remaining in the Indebtedness due to Lendar after application of all amounts received from the exarcise of the rights provided in this section.

Tenancy at Suffarenca. If Grantor remains in possession of the Property after the Property is sold as provided above or Lender otherwise becomes entitled to possession of the Property upon default of Grantor, Grentor shall become e tenant at sufferance of Lender or the purchaser of the Property and shall, at Lender's option, either (1) pay a reesonable rental for the use of the Property, or (2) vacata the Property immediately upon the demand of Lender.

Othar Remadias. Lender shall have all other rights and remedies provided in this Mortgege or the Note or available at law or in equity.

Sela of the Property. To the extent permitted by applicable law, Grantor hereby waivas any and all right to have the Property marshalled. In exercising its rights and remedies, Lender shall be free to sell all or any pert of the Property together or separately, in one sale or by separate sales. Lender shall be entitled to bid at any public sale on all or any portion of tha Property.

Notica of Sale. Landar shall give Grantor reasonable notice of the time and place of any public sale of the Personal Property or of the time after which any private sale or other intended disposition of the Personal Property is to be mada. Reasonable notice shall mean notice given at least ten (10) deys before the time of the sale or disposition. Any sale of the Personal Property may be made in conjunction with any sale of the Reel Property.

Election of Remedias. Election by Lender to pursue any remedy shall not exclude pursuit of any other remedy, and an election to make expenditures or to teke action to perform an obligation of Grantor under this Mortgage, after Grantor's failure to perform, shall not affect Lender's right to declare a default and exercise its remedias. Nothing under this Mortgage or otherwise shall be construed so as to limit or restrict the rights and remedies available to Lender following Default, or in eny way to limit or restrict the rights and ability of Lendar to proceed directly against Grantor and/or against any other co-maker, guarentor, surety or endorsar and/or to proceed against any other collateral directly or indirectly securing the Indebtedness.

Attornays' Fees; Expenses. If Lender institutes any suit or action to anforce any of the terms of this Mortgage, Lender will be entitled to recover such sum as the court may adjudge reasonabla as attornays' faes at trial and upon any appaal. Whether or not any court action is involved, ell reesoneble expenses Lender incurs thet in Lender's opinion are necessary at any time for tha protaction of its interest or the enforcement of its rights shall become a part of the Indebtedness. Expenses covered by this paragraph include, subject to any limits undar applicable law, Lender's reasonable attorneys' fees and Lender's legal expanses whether or not there is e lawsuit, including reasonable ettorneys' fees and expenses for bankruptcy proceedings (including efforts to modify or vacate any automatic stay or injunction), appeals, and any enticipated post-judgment collection services, the cost of saarching records, obtaining title reports (including foreclosure reports), surveyors' reports, and appraisal fees and title insurance, to the extent permitted by applicable law. Grantor also will pay any court costs, in addition to all other sums provided by law.

NOTICES. Any notice required to be given under this Mortgaga shall be givan in writing, and shall be effective when actually delivered, when actually received by telefacsimile (unless otherwise required by law), when deposited with e nationally recognized overnight courier,

or, if mailed, when deposited in the United States mail, as first class, certified or registered mail postage prepaid, directed to the addresses shown near the beginning of this Mortgage. All copies of notices of foreclosure from the holder of any lien which has priority over this Mortgage shall be sent to Lender's address, as shown near the beginning of this Mortgage. Any party may change its address for notices under this Mortgage by giving formal written notice to the other parties, specifying that the purpose of the notice is to change the party's address. For notice purposes, Grantor agrees to keep Lender informed at all times of Grantor's current address. Unless otherwise provided or required by law, if there is more than one Grantor, any notice given by Lender to any Grantor is deemed to be notice given to all Grantors.

MISCELLANEOUS PROVISIONS. The following miscellaneous provisions are a part of this Mortgage:

Amendments. This Mortgage, together with any Related Documents, constitutes the entire understanding and agreement of the parties as to the matters set forth in this Mortgage. No alteration of or amendment to this Mortgage shall be effective unless given in writing and signed by the party or parties sought to be charged or bound by the alteration or amendment.

Annual Reports. If the Property is used for purposes other than Grantor's residence, Grantor shall furnish to Lender, upon request, a certified statement of net operating income received from the Property during Grantor's previous fiscal year in such form and detail as Lender shall require. "Net operating income" shall mean all cash receipts from the Property less all cash expenditures made in connection with the operation of the Property.

Caption Headings. Caption headings in this Mortgage are for convenience purposes only and are not to be used to interpret or define the provisions of this Mortgage.

Governing Law. With respect to procedural matters related to the perfection and enforcement of Lender's rights against the Property, this Mortgage will be governed by federal law applicable to Lender and to the extent not preempted by federal law, the laws of the State of New York. In all other respects, this Mortgage will be governed by federal law applicable to Lender and, to the extent not preempted by federal law, the laws of the State of New Jersey without regard to its conflicts of law provisions. However, if there ever is a question about whether any provision of this Mortgage is valid or enforceable, the provision that is questioned will be governed by whichever state or federal law would find the provision to be valid and enforceable. The loan transaction that is evidenced by the Note and this Mortgage has been applied for, considered, approved and made, and all necessary loan documents have been accepted by Lender in the State of New Jersey.

Choice of Venue. If there is a lawsuit, Grantor agrees upon Lender's request to submit to the jurisdiction of the courts of Stete of New York.

Joint and Several Liability. All obligations of Grantor under this Mortgage shall be joint and several, and all references to Grantor shall mean each and every Grantor. This means that each Grantor signing below is responsible for all obligations in this Mortgage. Where any one or more of the parties is a corporation, partnership, limited liability company or similar entity, it is not necessary for Lender to inquire into the powers of any of the officers, directors, partners, members, or other agents acting or purporting to act on the entity's behalf, and any obligations made or created in reliance upon the professed exercise of such powers shall be guaranteed under this Mortgage.

No Waiver by Lender. Lender shall not be deemed to have waived any rights under this Mortgage unless such waiver is given in writing and signed by Lender. No delay or omission on the part of Lender in exercising any right shall operate as a waiver of such right or any other right. A waiver by Lender of a provision of this Mortgage shall not prejudice or constitute a waiver of Lender's right otherwise to demand strict compliance with that provision or any other provision of this Mortgage. No prior waiver by Lender, nor any course of dealing between Lender and Grantor, shall constitute a waiver of any of Lender's rights or of any of Grantor's obligations as to any future transactions. Whenever the consent of Lender is required under this Mortgage, the granting of such consent by Lender in any instance shall not constitute continuing consent to subsequent instances where such consent is required and in all cases such consent may be granted or withheld in the sole discretion of Lender.

Severability. If a court of competent jurisdiction finds any provision of this Mortgage to be illegal, invalid, or unenforceable as to any person or circumstance, that finding shall not make the offending provision illegal, invalid, or unenforceable as to any other person or circumstance. If feasible, the offending provision shall be considered modified so that it becomes legal, valid and enforceable. If the offending provision cannot be so modified, it shall be considered deleted from this Mortgage. Unless otherwise required by law, the illegality, invalidity, or unenforceability of any provision of this Mortgage shall not affect the legality, validity or enforceability of any other provision of this Mortgage.

Merger. There shall be no merger of the interest or estate created by this Mortgage with any other interest or estate in the Property at any time held by or for the benefit of Lender in any capacity, without the written consent of Lender.

Successors and Assigns. Subject to any limitations stated in this Mortgage on transfer of Grantor's interest, this Mortgage shall be binding upon and inure to the benefit of the parties, their successors and assigns. If ownership of the Property becomes vested in a person other than Grantor, Lender, without notice to Grantor, may deal with Grantor's successors with reference to this Mortgage and the Indebtedness by way of forbearance or extension without releasing Grantor from the obligations of this Mortgage or liability under the Indebtedness.

Time is of the Essence. Time is of the essence in the performance of this Mortgage.

DEFINITIONS. The following capitalized words and terms shall have the following meanings when used in this Mortgage. Unless specifically stated to the contrary, all references to dollar amounts shall mean amounts in lawful money of the United States of America. Words and terms used in the singular shall include the plural, and the plural shall include the singular, as the context may require. Words and terms not otherwise defined in this Mortgage shall have the meanings attributed to such terms in the Uniform Commercial Code:

Borrower. The word "Borrower" means 57-00 Maspeth Avenue, LLC; and New Ditmas Realty, LLC and includes all co-signers and co-makers signing the Note and all their successors and assigns.

Default. The word "Default" means the Default set forth in this Mortgage in the section titled "Default".

Environmental Laws. The words "Environmental Laws" mean any and all state, federal and local statutes, regulations and ordinances relating to the protection of human health or the environment, including without limitation the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended, 42 U.S.C. Section 9601, et seq. ("CERCLA"), the Superfund Amendments and Reauthorization Act of 1986, Pub. L. No. 99-499 ("SARA"), the Hazardous Materials Transportation Act, 49 U.S.C. Section 1801, et seq., the Resource Conservation and Recovery Act, 42 U.S.C. Section 6901, et seq., or other applicable state or federal laws, rules, or regulations adopted pursuant thereto.

Existing Indebtedness. The words "Existing Indebtedness" mean the indebtedness described in the Existing Liens provision of this Mortgage.

Grantor. The word "Grantor" means 57-00 Maspeth Avenue, LLC; and New Ditmas Realty, LLC.

Hazardous Substances. The words "Hazardous Substances" mean materials that, because of their quantity, concentration or physical, chemical or infectious characteristics, may cause or pose a present or potential hazard to human health or the environment when improperly used, treated, stored, disposed of, generated, manufactured, transported or otherwise handled. The words "Hazardous Substances" are used in their very broadest sense and include without limitation any and all hazardous or toxic substances, materials or waste as defined by or listed under the Environmental Laws. The term "Hazardous Substances" also includes, without limitation, petroleum and petroleum by-products or any fraction thereof and asbestos.

Improvements. The word "Improvements" means all existing and future improvements, buildings, structures, mobile homes affixed on the Real Property, facilities, additions, replacements and other construction on the Real Property.

Indebtedness. The word "Indebtedness" means all principal, interest, and other amounts, costs and expenses payable under the Note

or Related Documents, together with all renewals of, extensions of, modifications of, consolidations of and substitutions for the Note or Related Documents and any amounts expended or advanced by Lender to discharge Grantor's obligations or expenses incurred by Lender to enforce Grantor's obligations under this Mortgege, including attorneys' fees, together with interest on such amounts as provided in this Mortgage.

Lender. The word "Lender" means Bank of New Jersey, its successors and assigns.

Mortgage. The word "Mortgage" means this Mortgege between Grantor and Lender.

Note. The word "Note" means the promissory note deted September 6, 2012, **in the original principal amount of $150,000.00** from Grantor to Lender, together with all renewals of, extensions of, modifications of, refinancings of, consolidations of, and substitutions for the promissory note or agreement. **NOTICE TD GRANTDR: THE NDTE CONTAINS A VARIABLE INTEREST RATE.**

Personal Property. The words "Personal Property" mean all equipment, fixtures, and other articles of personal property now or hereafter owned by Grantor, and now or hereafter attached or affixed to the Real Property; together with all accessions, parts, and additions to, all replacements of, and all substitutions for, eny of such property; and together with all proceeds (including without limitation all insurance proceeds and refunds of premiums) from any sale or other disposition of the Property.

Proparty. The word "Property" means collectively the Real Property and the Personal Property.

Reel Property. The words "Real Property" mean the real property, interests and rights, as further described in this Mortgage.

Ralatad Documants. The words "Related Documents" mean all promissory notes, credit agreements, loan agreements, environmental agreements, guaranties, security agreements, mortgages, deeds of trust, security deeds, collateral mortgages, and all other instruments, agreements and documents, whether now or hereafter existing, executed in connection with the Indebtedness.

Rents. The word "Rents" means all present and future rants, revenues, income, issues, royalties, profits, and other benefits derived from the Property.

EACH GRANTOR ACKNOWLEDGES HAVING READ ALL THE PRDVISIDNS DF THIS MDRTGAGE, AND EACH GRANTDR AGREES TD ITS TERMS.

GRANTDR:

57-00 MASPETH AVENUE, LLC

By: _____
Emilio LaMenne, Member of 57-00 Maspath Avanua, LLC

By: Rossana Bortone
Rossana Bortona, Member of 57-00 Maspath Avanua, LLC

By: Mary Jea Lamanna
Mary Jean LaManna, Member of 57-00 Maspeth Avenue, LLC

By: _____
Sabatino LaManna, Member of 57-00 Mespeth Avenua, LLC

NEW DITMAS REALTY, LLC

By: _____
Emilio LaManna, Member of Naw Ditmas Raalty, LLC

By: Rossana Bortone
Rossana Bortona, Member of New Ditmas Raelty, LLC

By: Mary Jea Lamanna
Mary Jean LaManna, Mambar of New Ditmas Raalty, LLC

By: _____
Sabetino LaManna, Mambar of New Ditmas Raalty, LLC

LIMITED LIABILITY COMPANY ACKNOWLEDGMENT

STATE DF New Jersey)
) SS
CDUNTY DF Bergen)

Cn the 6th day of September in the year 2012 before me, the undersigned, a Notary Public in and for said State, personally appeared Emilio LaManna, Mambar of 57-00 Maspath Avenua, LLC; Rossana Bortona, Mambar of 57-00 Maspath Avenua, LLC; Mary Jean LaManna, Membar of 57-00 Maspath Avanua, LLC; and Sabatino LaManna, Mambar of 57-00 Mespath Avenua, LLC, personally known to ma or proved to me on the basis of satisfactory evidence to be the individuals whose names are subscribed to the within instrument and acknowledged to ma that they executed the same in their capacities, and that by their signatures on the instrument, the individuals, or the person upon behalf of which the individuals acted, executed the instrument.

By _____ My commission expires
Notary Public

EVDOXIA HATZIOANNOU
Notary Public, State of New Jersey
My Commission Expires
October 09, 2016

SEAL

LIMITED LIABILITY COMPANY ACKNOWLEDGMENT

STATE OF New Jersey)
) SS
COUNTY OF Bergen)

On the 6th day of September in the year 2012 before me, the undersigned, a Notary Public in and for said State, personally appeared **Emilio LaManna, Member of New Ditmas Realty, LLC; Rossana Bortone, Member of New Ditmas Realty, LLC; Mary Jean LaManna, Member of New Ditmas Realty, LLC; and Sabatino LaManna, Member of New Ditmas Realty, LLC,** personally known to me or proved to me on the basis of satisfactory evidence to be the individuals whose names are subscribed to the within instrument and acknowledged to me that they executed the same in their capacities, and that by their signatures on the instrument, the individuals, or the person upon behalf of which the individuals acted, executed the instrument.

By _____ Notary Public

My commission expires EVDOXIA HATZIOANNOU
Notary Public, State of New Jersey
My Commission Expires
October 09, 2016

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SEAL

SCHEDULE A - DESCRIPTION

AMENDED 1-19-2011

All that certain plot, piece or parcel of land, situate, lying and being in the Borough of Brooklyn, County of Kings, City and State of New York, bounded and described as follows:

BEGINNING at a point on the southerly side of Ditmas Avenue distant 206 feet 10 3/8 inches northeasterly from the corner formed by the intersection of the easterly side of East 98th Street with the southerly side of Ditmas Avenue;

RUNNING THENCE easterly along the southerly side of Ditmas Avenue, 149 feet 5/8 inches;

THENCE southerly along a line forming an interior angle of 60 degrees 43 minutes 08 seconds with the southerly side of Ditmas Avenue, 138 feet 7 3/4 inches;

THENCE westerly at right angles to the preceding course, 130.00 feet;

THENCE northerly at right angles to the preceding course, 65 feet 8 3/4 inches (65 feet 8 7/8 inches tax map) to the southerly side of Ditmas Avenue, to the point or place of BEGINNING.

FOR INFORMATION PURPOSES ONLY: Said premises known as Section 13, Block 3650, Lot Nos. 119 and 121 on the Tax Map of the City of New York, Borough of Brooklyn, as said Tax Map was on December 1, 1937.

SCHEDULE B DESCRIPTION

All that certain plot, piece or parcel of land, situate, lying and being in Maspeth in the Second Ward, Borough and County of Queens, City and State of New York bounded and described as follows:

BEGINNING AT A POINT ON THE WESTERLY SIDE OF 47TH STREET AS LAID OUT, 70 FEET WIDE, DISTANT 705.85 FEET NORTH OF THE CORNER FORMED BY THE INTERSECTION OF THE SAID WESTERLY SIDE OF 47TH STREET WITH THE PRESENT NORTHERLY SIDE OF GRAND AVENUE AS LAID OUT, 80 FEET WIDE;

RUNNING THENCE NORTHERLY FROM THE POINT OF BEGINNING AND ALONG THE SAID WESTERLY SIDE OF 47TH STREET, A DISTANCE OF 440 FEET;

THENCE WESTERLY ALONG A LINE FORMING AN INTERIOR ANGLE OF 91 DEGREES 04 MINUTES 06 SECONDS WITH THE PRECEDING COURSE, A DISTANCE OF 195.27 FEET TO THE U.S. PIER AND BULKHEAD LINE EXTENDING ALONG THE EASTERLY SIDE OF NEW TOWN CREEK AND APPROVED BY THE SECRETARY OF WAR ON JANUARY 21, 1920 AS SHOWN ON ALTERATION MAP NO. 890 TO THE FINAL MAPS OF THE CITY OF NEW YORK FOR THE BOROUGH OF QUEENS;

THENCE SOUTHERLY ALONG SAID PIER AND BULKHEAD LINE FORMING AN INTERIOR ANGLE OF 109 DEGREES 29 MINUTES 19 SECONDS WITH THE PRECEDING COURSE, A DISTANCE OF 269.10 FEET TO AN ANGLE POINT IN THE SAID PIER AND BULKHEAD LINE;

THENCE SOUTHERLY ALONG THE SAID PIERHEAD AND BULKHEAD LINE ALONG A LINE FORMING AN INTERIOR ANGLE OF 160 DEGREES 42 MINUTES 52 SECONDS WITH THE PRECEDING COURSE, A DISTANCE OF 191.72 FEET;

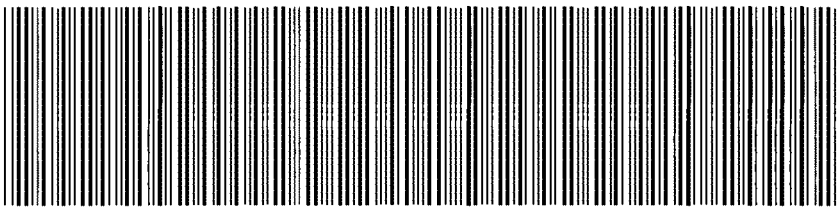
THENCE EASTERLY ON A LINE FORMING AN INTERIOR ANGLE OF 88 DEGREES 43 MINUTES 43 SECONDS WITH THE PRECEDING COURSE AND BEING ALSO AT RIGHT ANGLES TO THE AFOREMENTIONED WESTERLY SIDE OF 47TH STREET, A DISTANCE OF 293.98 FEET TO THE POINT OF **BEGINNING**, ON THE WESTERLY SIDE OF 47TH STREET.

CORRECTIVE MORTGAGE PURPOSE

This CORRECTIVE MORTGAGE PURPOSE is attached to and by this reference is made a part of the Mortgage, dated September 6, 2012, and executed in connection with a loan or other financial accommodations between BANK OF NEW JERSEY and 57-00 Maspeth Avenue, LLC; and New Ditmas Realty, LLC.

The purpose of this corrective mortgage is to correct that certain Mortgage dated September 21, 2011 and recorded November 2, 2011 in CRFN No: 2011000386061 (the "original mortgage") in the following respects: 1) To include New Ditmas Realty, LLC as a Grantor and Mortgagor; and 2) To delete reference to Block 3650, Lot 106 as collateral as same was never intended to be included as collateral in the original mortgage.

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER



2012092000356001001SC0B2

SUPPORTING DOCUMENT COVER PAGE **PAGE 1 OF 1**

Document ID: 2012092000356001 Document Date: 09-06-2012 Preparation Date: 09-20-2012
Document Type: CORRECTION MORTGAGE

SUPPORTING DOCUMENTS SUBMITTED:

	Page Count
255 MORTGAGE TAX EXEMPT AFFIDAVIT	2

0 MRC19949

AFFIDAVIT UNDER SECTION 255 OF THE TAX LAW

K

State of New Jersey)
) ss:
County of Bergen)

B3650
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1. This affidavit is made by Edward J. Bruton, Jr. being duly admitted to practice in the State of New York with offices located at 467 Sylvan Avenue, Englewood Cliffs, New Jersey and acting as legal counsel to Bank of New Jersey ("the Mortgagee") in connection with a mortgage loan transaction between said Mortgagee and 57-00 MASPETH AVENUE, LLC, a New York limited liability company whose principal place of business is 57-05 47th Street, Maspeth, New York 11378-2105 and NEW DITMAS REALTY, LLC, a New York limited liability company whose principal place of business is 57-05 47th Street, Maspeth, New York 11378-2105 (hereinafter referred to collectively, jointly and severally as the "Borrower" or "Mortgagor" and each as a "Borrower" or "Mortgagor" as the context may require).

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2. The Borrower executed a credit line mortgage dated September 21, 2011 in the original principal amount of $150,000.00 which was recorded on November 2, 2011 in CRFN No.: 2011000386061.

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3.On even date herewith, the Borrower executed a corrective credit line mortgage, which secures the same $150,000.00. The purpose of the corrective credit line mortgage is to (i) add a Mortgagor who was inadvertently omitted from the original credit line mortgage and (ii) to delete reference to a Block and Lot which was inadvertently included in the original credit line mortgage.

4. The prior mortgage was in the original principal amount of $150,000.00, on which mortgage was paid mortgage recording tax in the amount of $3075.00.

5. That this Affidavit is given solely to request that the corrective credit line mortgage in the amount of $150,000.00 be exempt from payment of a mortgage tax pursuant to Section 255 of the New York State Tax Law as mortgage recording tax was already paid on this amount at the time the original credit line mortgage was recorded. Deponent respectfully requests that the corrective credit line mortgage be declared exempt from taxation pursuant to provisions of Section 255 of the Tax Law.

Sworn to before me this 6th day of September, 2012

Edward J. Bruton, Jr.

EVDOXIA HATZIOANNOU
Notary Public, State of New Jersey
My Commission Expires
October 09, 2016

SEAL

UMRC1994

AFFIDAVIT UNDER SECTION 255 OF THE TAX LAW

State of New Jersey)
) ss:
County of Bergen)

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K

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Sworn to before me this 6th day of September, 2012

Edward J. Bruton, Jr.

EVDOXIA HATZIOANNOU
Notary Public, State of New Jersey
My Commission Expires
October 09, 2016

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

This page is part of the instrument. The City Register will rely on the information provided by you on this page for purposes of indexing this instrument. The information on this page will control for indexing purposes in the event of any conflict with the rest of the document.

2012120600830001001EF269

RECORDING AND ENDORSEMENT COVER PAGE **PAGE 1 OF 5**

Document ID: 2012120600830001 Document Date: 11-28-2012 Preparation Date: 12-06-2012
Document Type: DEED
Document Page Count: 4

PRESENTER:	**RETURN TO:**
ULTIMATE ABSTRACT OF NEW YORK PICKUP-GAIL	ULTIMATE ABSTRACT OF NEW YORK PICKUP-GAIL
51 ALLEN BOULEVARD	51 ALLEN BOULEVARD
UNY51673Q	UNY51673Q
FARMINGDALE, NY 11735	FARMINGDALE, NY 11735
631-501-9100	631-501-9100
loraine.lezaja@ultimateabstract.com	loraine.lezaja@ultimateabstract.com

PROPERTY DATA

Borough	Block	Lot	Unit	Address
QUEENS	2602	68	Entire Lot	5757 47 STREET

Property Type: COMMERCIAL REAL ESTATE

CROSS REFERENCE DATA

CRFN_____ *or* Document ID_____ *or* _____ Year____ Reel ___ Page ____ *or* File Number_____

PARTIES

GRANTOR/SELLER:	**GRANTEE/BUYER:**
57-57 47TH STREET REALTY CORP.	57-57 47TH STREET MACK LLC
57-57 47TH STREET	57-00 47TH STREET
MASPETH, NY 11378	MASPETH, NY 11378

FEES AND TAXES

Mortgage		
Mortgage Amount:	$	0.00
Taxable Mortgage Amount:	$	0.00
Exemption:		
TAXES: County (Basic):	$	0.00
City (Additional):	$	0.00
Spec (Additional):	$	0.00
TASF:	$	0.00
MTA:	$	0.00
NYCTA:	$	0.00
Additional MRT:	$	0.00
TOTAL:	$	0.00
Recording Fee:	$	57.00
Affidavit Fee:	$	0.00

Filing Fee:	
$	250.00
NYC Real Property Transfer Tax:	
$	14,437.50
NYS Real Estate Transfer Tax:	
$	2,200.00

RECORDED OR FILED IN THE OFFICE OF THE CITY REGISTER OF THE CITY OF NEW YORK
Recorded/Filed 12-12-2012 14:35
City Register File No.(CRFN):
2012000487681

City Register Official Signature

UM 51673Q

BARGAIN AND SALE DEED WITH COVENANT AGAINST GRANTOR'S ACTS

TT
$22 00

THIS INDENTURE, made the 28th day of November, 2012, between ***57-57 47th Street Realty Corp.*** *with an address at 57-5747th Street*, Maspeth, New York 11378, party of the first part, and

57-57 47th Street Mack, LLC with an address at 5700 47th Street, Maspeth, New York 11378, party of the second part;

B
2602
C
68

WITNESSETH, that the party of the first part, in consideration of Ten Dollars and No Cents ($10.00), lawful money of the United States, paid by the party of the second part, does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever;

ALL that certain plot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the County of Queens, State of New York, more particularly described in Schedule A annexed hereto and made a part hereof.

Said Premises is the same premises as was conveyed to the party of the first part by deed dated March 27, 2001 and recorded in the office of the City Register of the City of New York on May 24, 2001 in liber/reel 5885, page 956;

TOGETHER with all right, title and interest, if any, of the party of the first part in and to any streets and roads abutting the above described premises to the center lines thereof,

TOGETHER with the appurtenances and all the estate and rights of the party of the first part in and to said premises,

TO HAVE AND TO HOLD the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever.

AND the party of the first part, covenants that the party of the first part has not done or suffered anything whereby the said premises have been encumbered in any way whatever, except as aforesaid.

AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.

The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

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IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above written.

57-57 47TH STREET REALTY CORP.

By: _____
Gregory Sussek, President

IN PRESENCE OF:

_____

STATE OF NEW YORK)
) ss.:
COUNTY OF QUEENS)

On the 28th day of November in the year 2012, before me, the undersigned, personally appeared Gregory Sussek, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that they executed the same in their capacity(ies), and that by their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

_____
NOTARY PUBLIC

KEVIN REGAN
Notary Public, State of New York
No. 01RE6069089
Qualified in Nassau County
Commission Expires January 22, 2014

SEAL

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ULTIMATE ABSTRACT OF NEW YORK, INC.

as Agent for
First American Title Insurance Company

SCHEDULE A - DESCRIPTION

All that certain plot, piece or parcel of land, situate, lying and being in the Borough and County of Queens, City and State of New York, bounded and described as follows:

BEGINNING AT A POINT ON THE EASTERLY SIDE OF 47TH STREET (70 FEET WIDE), DISTANT 200 FEET SOUTHERLY FROM THE CORNER FORMED BY THE INTERSECTION OF THE EASTERLY SIDE OF 47TH STREET WITH THE SOUTHERLY SIDE OF 58TH ROAD, FORMERLY KNOWN AS MASPETH AVENUE (66 FEET WIDE);

RUNNING THENCE EASTERLY AT RIGHT ANGLES TO THE EASTERLY SIDE OF 47TH STREET, 78.91 FEET TO A POINT;

THENCE SOUTHWESTERLY ALONG A LINE FORMING AN ANGLE ON THE SOUTHWEST WITH THE LAST MENTIONED COURSE OF 76 DEGREES 45 MINUTES 31 SECONDS, 39.24 FEET TO A POINT;

THENCE AGAIN SOUTHWESTERLY ALONG A LINE FORMING AN ANGLE ON THE NORTHWEST WITH THE LAST MENTIONED COURSE OF 157 DEGREES 27 MINUTES 25 SECONDS, 86.06 FEET TO A POINT;

THENCE WESTERLY AT RIGHT ANGLES TO THE EASTERLY SIDE OF 47TH STREET, 19.60 FEET TO THE EASTERLY SIDE OF 47TH STREET;

THENCE NORTHERLY ALONG THE EASTERLY SIDE OF 47TH STREET, 108.01 FEET TO THE POINT OR PLACE OF **BEGINNING**.

Deed JW 516739

Title No. ***Title Number TE***

57-57 47TH STREET REALTY CORP.

To

57-57 47TH STREET MACK, LLC

Block 2602
Lot 68
County or Town Queens County,
Street Address 57-57 47th Street
Maspeth, New York

Return By Mail To:

John A. Servider, Esq.
65-12 69th Place
Middle Village, New York 11379
(718) 894-4417

Reserve This Space For Use Of Recording Office

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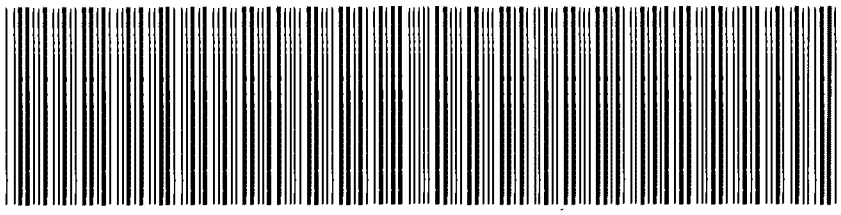
NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER



2012120600830001001S3CE8

SUPPORTING DOCUMENT COVER PAGE **PAGE 1 OF 1**

Document ID: 2012120600830001 Document Date: 11-28-2012 Preparation Date: 12-06-2012
Document Type: DEED

ASSOCIATED TAX FORM ID: 2012112700326

SUPPORTING DOCUMENTS SUBMITTED:

	Page Count
RP - 5217 REAL PROPERTY TRANSFER REPORT	1
SMOKE DETECTOR AFFIDAVIT	1

FOR CITY USE ONLY

C1. County Code | | C2. Date Deed Recorded | CITY REG. | Month | Day | Year

C3. Book OR C5. CRFN | | C4. Page | DEC 11 '12 |

REAL PROPERTY TRANSFER REPORT

STATE OF NEW YORK
STATE BOARD OF REAL PROPERTY SERVICES

RP - 5217NYC

PROPERTY INFORMATION

1. Property Location: 5757 (STREET NUMBER) | 47 STREET (STREET NAME) | QUEENS (BOROUGH) | 11378 (ZIP CODE)

2. Buyer Name: 57-57 47TH STREET MACK LLC (LAST NAME / COMPANY) | (FIRST NAME)

(LAST NAME / COMPANY) | (FIRST NAME)

3. Tax Billing Address: Indicate where future Tax Bills are to be sent if other than buyer address (at bottom of form) (LAST NAME / COMPANY) | (FIRST NAME)

(STREET NUMBER AND STREET NAME) | (CITY OR TOWN) | (STATE) | (ZIP CODE)

4. Indicate the number of Assessment Roll parcels transferred on the deed: 1 # of Parcels OR ☐ Part of a Parcel

4A. Planning Board Approval - N/A for NYC
4B. Agricultural District Notice - N/A for NYC

5. Deed Property Size: (FRONT FEET) X (DEPTH) OR (ACRES)

Check the boxes below as they apply:
6. Ownership Type is Condominium ☐
7. New Construction on Vacant Land ☐

8. Seller Name: 57-57 47TH STREET REALTY CORP. (LAST NAME / COMPANY) | (FIRST NAME)

(LAST NAME / COMPANY) | (FIRST NAME)

9. Check the box below which most accurately describes the use of the property at the time of sale:

A	☐	One Family Residential	C	☐	Residential Vacant Land	E	☑	Commercial	G	☐	Entertainment / Amusement	I	☐	Industrial
B	☐	2 or 3 Family Residential	D	☐	Non-Residential Vacant Land	F	☐	Apartment	H	☐	Community Service	J	☐	Public Service

SALE INFORMATION

10. Sale Contract Date: 9 / 28 / 2012 (Month / Day / Year)

11. Date of Sale / Transfer: 11 / 28 / 2012 (Month / Day / Year)

12. Full Sale Price $: 5,500,000

(Full Sale Price is the total amount paid for the property including personal property. This payment may be in the form of cash, other property or goods, or the assumption of mortgages or other obligations.) *Please round to the nearest whole dollar amount.*

13. Indicate the value of personal property included in the sale: ,

14. Check one or more of these conditions as applicable to transfer:

A	☐	Sale Between Relatives or Former Relatives
B	☐	Sale Between Related Companies or Partners in Business
C	☐	One of the Buyers is also a Seller
D	☐	Buyer or Seller is Government Agency or Lending Institution
E	☐	Deed Type **not** Warranty or Bargain and Sale (Specify Below)
F	☐	Sale of Fractional or Less than Fee Interest (Specify Below)
G	☐	Significant Change in Property Between Taxable Status and Sale Dates
H	☐	Sale of Business is Included in Sale Price
I	☐	Other Unusual Factors Affecting Sale Price (Specify Below)
J	☑	None

ASSESSMENT INFORMATION - Data should reflect the latest Final Assessment Roll and Tax Bill

15. Building Class: O9

16. Total Assessed Value (of all parcels in transfer): 106,200

17. Borough, Block and Lot / Roll Identifier(s) (If more than three, attach sheet with additional identifier(s))

QUEENS 2602 68

CERTIFICATION

I certify that all of the items of information entered on this form are true and correct (to the best of my knowledge and belief) and understand that the making of any willful false statement of material fact herein will subject me to the provisions of the penal law relative to the making and filing of false instruments.

BUYER		**BUYER'S ATTORNEY**	
BUYER SIGNATURE	DATE	LAST NAME	FIRST NAME
		JOHN A. SERVIDER, ESQ.	
57-00 47TH STREET		718	894-6300
STREET NUMBER / STREET NAME (AFTER SALE)		AREA CODE	TELEPHONE NUMBER
MASPETH	NY 11378	**SELLER**	11-28-12
CITY OR TOWN	STATE / ZIP CODE	SELLER SIGNATURE	DATE

2012112700326201

UNY 51673-Q
B = 2602
L = 68

AFFIDAVIT OF COMPLIANCE WITH SMOKE DETECTOR REQUIREMENT FOR ONE- AND TWO-FAMILY DWELLINGS

State of New York)
) **SS.:**
County of)

The undersigned, being duly sworn, depose and say under penalty of perjury that they are the grantor and grantee of the real property or of the cooperative shares in a cooperative corporation owning real property located at

5757 47 STREET , ,
Street Address Unit/Apt.

QUEENS New York, 2602 68 (the "Premises");
Borough Block Lot

That the Premises is a one or two family dwelling, or a cooperative apartment or condominium unit in a one- or two-family dwelling, and that installed in the Premises is an approved and operational smoke detecting device in compliance with the provisions of Article 6 of Subchapter 17 of Chapter 1 of Title 27 of the Administrative Code of the City of New York concerning smoke detecting devices;

That they make affidavit in compliance with New York City Administrative Code Section 11-2105 (g). (The signatures of at least one grantor and one grantee are required, and must be notarized).

Name of Grantor (Type or Print)

Signature of Grantor

Sworn to before me
this 28 date of November 20 12

KEVIN REGAN
Notary Public, State of New York
No. 01RE6069089
Qualified in Nassau County
Commission Expires January 22, 2014

SEAL

Name of Grantee (Type or Print)

Signature of Grantee

Sworn to before me
this 28 date of November 20 12

KEVIN REGAN
Notary Public, State of New York
No. 01RE6069089
Qualified in Nassau County
Commission Expires January 22, 2014

SEAL

These statements are made with the knowledge that a willfully false representation is unlawful and is punishable as a crime of perjury under Article 210 of the Penal Law.

NEW YORK CITY REAL PROPERTY TRANSFER TAX RETURNS FILED ON OR AFTER FEBRUARY 6th, 1990, WITH RESPECT TO THE CONVEYANCE OF A ONE- OR TWO-FAMILY DWELLING, OR A COOPERATIVE APARTMENT OR A CONDOMINIUM UNIT IN A ONE- OR TWO-FAMILY DWELLING, WILL NOT BE ACCEPTED FOR FILING UNLESS ACCOMPANIED BY THIS AFFIDAVIT.

The City of New York
Department of Environmental Protection
Bureau of Customer Services
59-17 Junction Boulevard
Flushing, NY 11373-5108

Customer Registration Form for Water and Sewer Billing

Property and Owner Information:

(1) **Property receiving service: BOROUGH: QUEENS** **BLOCK: 2602** **LOT: 68**

(2) **Property Address: 5757 47 STREET, QUEENS, NY 11378**

(3) **Owner's Name: 57-57 47TH STREET MACK LLC**

Additional Name:

Affirmation:

☑ Your water & sewer bills will be sent to the property address shown above.

Customer Billing Information:

Please Note:

A. Water and sewer charges are the legal responsibility of the owner of a property receiving water and/or sewer service. The owner's responsibility to pay such charges is not affected by any lease, license or other arrangement, or any assignment of responsibility for payment of such charges. Water and sewer charges constitute a lien on the property until paid. In addition to legal action against the owner, a failure to pay such charges when due may result in foreclosure of the lien by the City of New York, the property being placed in a lien sale by the City or Service Termination.

B. Original bills for water and/or sewer service will be mailed to the owner, **at the property address or to an alternate mailing address**. DEP will provide a duplicate copy of bills to one other party (such as a managing agent), however, any failure or delay by DEP in providing duplicate copies of bills shall in no way relieve the owner from his/her liability to pay all outstanding water and sewer charges. Contact DEP at (718) 595-7000 during business hours or visit www.nyc.gov/dep to provide us with the other party's information.

Owner's Approval:

The undersigned certifies that he/she/it is the owner of the property receiving service referenced above; that he/she/it has read and understands Paragraphs A & B under the section captioned "Customer Billing Information"; and that the information supplied by the undersigned on this form is true and complete to the best of his/her/its knowledge.

Print Name of Owner:

Signature: _____ Date (mm/dd/yyyy)

Name and Title of Person Signing for Owner, if applicable:

BCS-7CRF-ACRIS REV. 8/08

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

This page is part of the instrument. The City Register will rely on the information provided by you on this page for purposes of indexing this instrument.The information on this page will control for indexing purposes in the event of any conflict with the rest of the document.

2020111700949001001E08CE

RECORDING AND ENDORSEMENT COVER PAGE **PAGE 1 OF 6**

Document ID: 2020111700949001 Document Date: 11-13-2020 Preparation Date: 11-17-2020
Document Type: DEED
Document Page Count: 4

PRESENTER:
BETTER RESEARCH LLC
1 PARAGON DRIVE - RALS-39291
SUITE 150B
MONTVALE, NJ 07645
REC@BETTERTITLERESEARCH.COM

RETURN TO:
BETTER RESEARCH LLC
1 PARAGON DRIVE - RALS-39291
SUITE 150B
MONTVALE, NJ 07645
REC@BETTERTITLERESEARCH.COM

PROPERTY DATA

Borough	Block	Lot	Unit	Address
QUEENS	2601	6	Entire Lot	57-00 47TH STREET

Property Type: INDUSTRIAL BUILDING

CROSS REFERENCE DATA

CRFN_____ *or* DocumentID_____ *or* _____ Year____ Reel____ Page_____ *or* File Number_____

PARTIES

GRANTOR/SELLER:
57-00 MASPETH AVENUE, LLC
248-22 BROOKVILLE BLVD
ROSEDALE, NY 11422

GRANTEE/BUYER:
RL FAMILY PROPERTY OWNER LLC
248-22 BROOKVILLE BLVD
ROSEDALE, NY 11422

☒ Additional Parties Listed on Continuation Page

FEES AND TAXES

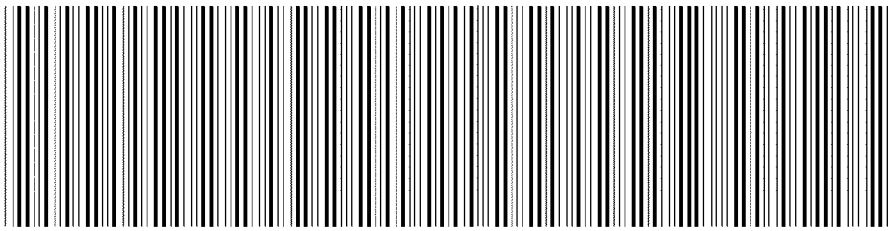
Mortgage :		
Mortgage Amount:	$	0.00
Taxable Mortgage Amount:	$	0.00
Exemption:		
TAXES: County (Basic):	$	0.00
City (Additional):	$	0.00
Spec (Additional):	$	0.00
TASF:	$	0.00
MTA:	$	0.00
NYCTA:	$	0.00
Additional MRT:	$	0.00
TOTAL:	$	0.00
Recording Fee:	$	57.00
Affidavit Fee:	$	0.00

Filing Fee: $ 250.00
NYC Real Property Transfer Tax: $ 0.00
NYS Real Estate Transfer Tax: $ 0.00

RECORDED OR FILED IN THE OFFICE OF THE CITY REGISTER OF THE CITY OF NEW YORK
Recorded/Filed 11-20-2020 09:28
City Register File No.(CRFN): **2020000326467**

City Register Official Signature

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER



2020111700949001001C0A4E

RECORDING AND ENDORSEMENT COVER PAGE (CONTINUATION) **PAGE 2 OF 6**

Document ID: 2020111700949001 Document Date: 11-13-2020 Preparation Date: 11-17-2020
Document Type: DEED

PARTIES

GRANTEE/BUYER:
EL FAMILY PROPERTY OWNER LLC
248-22 BROOKVILLE BLVD
ROSEDALE, NY 11422

GRANTEE/BUYER:
SLMJL FAMILY PROPERTY OWNER LLC
248-22 BROOKVILLE BLVD
ROSEDALE, NY 11422

Bargain and Sale Deed, without Covenant against Grantor's Acts--Ind. or Corp.

CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT--THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY.

THIS INDENTURE, made as of this 13th day of November, 2020,

BETWEEN

57-00 MASPETH AVENUE, LLC, a New York limited liability company, having an address at 248-22 Brookville Boulevard, Rosedale, New York 11422,

party of the first part, and

RL FAMILY PROPERTY OWNER LLC, a New York limited liability company, as to a one-third (1/3rd) undivided interest, **EL FAMILY PROPERTY OWNER LLC,** a New York limited liability company, as to a one-third (1/3rd) undivided interest, and **SLMJL FAMILY PROPERTY OWNER LLC,** a New York limited liability company, as to a one-third (1/3rd) undivided interest, each having an address at 248-22 Brookville Boulevard, Rosedale, New York 11422, with the three (3) grantees hold title as tenants-in-common,

party of the second part.

Tax Map Designation:

Block: 2601
Lot(s): 6
Queens County
Section: 14

Address:
57-00 47th St.,
Flushing, NY

WITNESSETH, that the party of the first part, in consideration of ten dollars and other valuable consideration paid by the party of the second part does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever,

ALL, that certain plot, piece or parcel of land and all buildings and improvements thereon erected situated, lying and being more particularly described in Schedule "A" annexed hereto and forming a part hereof.

TOGETHER with all right, title and interest, if any, of the party of the first part in and to any streets and highways abutting the above described premises to the center lines thereof; **TOGETHER** with the appurtenances and all the estate and rights of the party of the first part in and to said premises; **TO HAVE AND TO HOLD** the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever;

AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.

The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

The Premises herein described are the same and are intended to be the same as those conveyed to the party of the first part by deed dated April 30, 1998 and recorded July 16, 1998 in the Office of the City Register of the City of New York at Reel 4197, Page 1526.

[End of Text; Signature Page to Follow]

SCHEDULE A

All that certain plot, piece or parcel of land, situate, lying and being in the Borough of Queens, County of Queens, City and State of New York, bounded and described as follows:

BEGINNING at a point on the westerly side of 47th Street as laid out, 70 feet wide, distant 705.85 feet north of the corner formed by the intersection of the said westerly side of 47th Street with the present northerly side of Grand Avenue as laid out, 80 feet wide;

RUNNING THENCE northerly from the point of beginning and along the said westerly side of 47th Street, a distance of 440 feet;

THENCE westerly along a line forming an interior angle of 91 degrees 04 minutes 06 seconds with the preceding course, a distance of 195.27 feet to the U.S. Pier and Bulkhead line extending along the easterly side of New Town Creek and approved by the Secretary of War January 21, 1920, as shown on Alteration Map No. 890 to the Final Maps of the City of New York for the Borough of Queens;

THENCE southerly along said Pier and Bulkhead Line forming interior angle of 109 degrees 29 minutes 19 seconds with the preceding course, a distance of 269.10 feet to an angle point in the said Pier and Bulkhead line;

THENCE southerly along the said Pierhead and Bulkhead line along a line forming an interior angle of 160 degrees 42 minutes 52 seconds with the preceding course, a distance of 191.72 feet;

THENCE easterly on a line forming an interior angle of 88 degrees 43 minutes 43 seconds with the preceding course and being also at right angles to the aforementioned westerly side of 47th Street, a distance of 293.98 feet to the point or place of BEGINNING.

IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above written.

57-00 MASPETH AVENUE, LLC

By: Rossana Bortone
Name: ROSSANA BORTONE
Title: Authorized Signatory

UNIFORM FORM CERTIFICATE OF ACKNOWLEDGMENT
(Within New York State)

State of New York)
:ss.:
County of New York)

DAVID O'NEILL
Notary Public, State of New York
No. 01ON6202621
Qualified in Nassau County
Commission Expires March 23, 2021

On the 13th day of November, in the year 2020, before me, the undersigned, personally appeared ROSSANA BORTONE personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

David O'Neill
(Signature and Office of individual taking acknowledgment)

Bargain and Sale Deed
Without Covenant Against Grantor's Acts

BLOCK: 2601
LOT: 6
COUNTY: Queens

57-00 MASPETH AVENUE, LLC

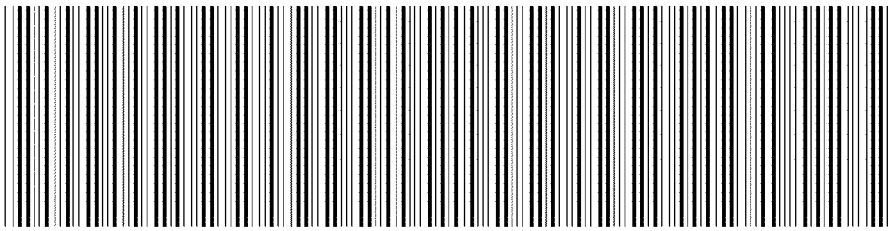
TO

RL FAMILY PROPERTY OWNER LLC, EL FAMILY PROPERTY OWNER LLC, and **SLMJL FAMILY PROPERTY OWNER LLC**

RETURN BY MAIL TO:

Goldfarb & Fleece LLP
560 Lexington Avenue, 6th Floor
New York, New York 10022
Attention: Michael Bollag, Esq.

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER



2020111700949001001SC64F

SUPPORTING DOCUMENT COVER PAGE **PAGE 1 OF 1**

Document ID: 2020111700949001 Document Date: 11-13-2020 Preparation Date: 11-17-2020
Document Type: DEED

ASSOCIATED TAX FORM ID: 2020100800124

SUPPORTING DOCUMENTS SUBMITTED:

	Page Count
DEP CUSTOMER REGISTRATION FORM FOR WATER AND SEWER BILLING	1
RP - 5217 REAL PROPERTY TRANSFER REPORT	4

FOR CITY USE ONLY

C1. County Code | | C2. Date Deed Recorded | / / | Month Day Year

C3. Book OR C4. Page | | |

C5. CRFN | |

REAL PROPERTY TRANSFER REPORT

STATE OF NEW YORK
STATE BOARD OF REAL PROPERTY SERVICES

RP - 5217NYC

PROPERTY INFORMATION

1. Property Location: 57-00 (STREET NUMBER) | 47TH STREET (STREET NAME) | QUEENS (BOROUGH) | 11378 (ZIP CODE)

2. Buyer Name: RL FAMILY PROPERTY OWNER LLC (LAST NAME / COMPANY) | (FIRST NAME)

EL FAMILY PROPERTY OWNER LLC (LAST NAME / COMPANY) | (FIRST NAME)

3. Tax Billing Address: Indicate where future Tax Bills are to be sent if other than buyer address (at bottom of form)

(LAST NAME / COMPANY) | (FIRST NAME)

(STREET NUMBER AND STREET NAME) | (CITY OR TOWN) | (STATE) | (ZIP CODE)

4. Indicate the number of Assessment Roll parcels transferred on the deed: 1 # of Parcels OR ☐ Part of a Parcel

4A. Planning Board Approval - N/A for NYC

4B. Agricultural District Notice - N/A for NYC

5. Deed Property Size: (FRONT FEET) X (DEPTH) OR (ACRES)

Check the boxes below as they apply:

6. Ownership Type is Condominium ☐

7. New Construction on Vacant Land ☐

8. Seller Name: 57-00 MASPETH AVENUE, LLC (LAST NAME / COMPANY) | (FIRST NAME)

(LAST NAME / COMPANY) | (FIRST NAME)

9. Check the box below which most accurately describes the use of the property at the time of sale:

A ☐ One Family Residential
B ☐ 2 or 3 Family Residential
C ☐ Residential Vacant Land
D ☐ Non-Residential Vacant Land
E ☐ Commercial
F ☐ Apartment
G ☐ Entertainment / Amusement
H ☐ Community Service
I ☑ Industrial
J ☐ Public Service

SALE INFORMATION

10. Sale Contract Date: 11 / 13 / 2020 (Month Day Year)

11. Date of Sale / Transfer: 11 / 13 / 2020 (Month Day Year)

12. Full Sale Price: $ 0

(Full Sale Price is the total amount paid for the property including personal property. This payment may be in the form of cash, other property or goods, or the assumption of mortgages or other obligations.) *Please round to the nearest whole dollar amount.*

13. Indicate the value of personal property included in the sale:

14. Check one or more of these conditions as applicable to transfer:

A ☑ Sale Between Relatives or Former Relatives
B ☑ Sale Between Related Companies or Partners in Business
C ☐ One of the Buyers is also a Seller
D ☐ Buyer or Seller is Government Agency or Lending Institution
E ☐ Deed Type **not** Warranty or Bargain and Sale (Specify Below)
F ☐ Sale of Fractional or Less than Fee Interest (Specify Below)
G ☐ Significant Change in Property Between Taxable Status and Sale Dates
H ☐ Sale of Business is Included in Sale Price
I ☐ Other Unusual Factors Affecting Sale Price (Specify Below)
J ☐ None

ASSESSMENT INFORMATION - Data should reflect the latest Final Assessment Roll and Tax Bill

15. Building Class: E 1

16. Total Assessed Value (of all parcels in transfer): 4,836,150

17. Borough, Block and Lot / Roll Identifier(s) (If more than three, attach sheet with additional identifier(s))

QUEENS 2601 6

CERTIFICATION

I certify that all of the items of information entered on this form are true and correct (to the best of my knowledge and belief) and understand that the making of any willful false statement of material fact herein will subject me to the provisions of the penal law relative to the making and filing of false instruments.

BUYER

Rossana Bartone — 11.13.20

BUYER SIGNATURE — DATE

248-22 BROOKVILLE BLVD — ROSSANA BARTONE, MEMBER

STREET NUMBER — STREET NAME (AFTER SALE)

ROSEDALE — NY — 11422

CITY OR TOWN — STATE — ZIP CODE

BUYER'S ATTORNEY

LAST NAME — FIRST NAME

AREA CODE — TELEPHONE NUMBER

SELLER

Rossana Bartone — 11.13.20

SELLER SIGNATURE — DATE

ROSSANA BARTONE, MEMBER

2020100800124201

Grantee (Buyer)

SLMJL FAMILY PROPERTY OWNER LLC

LAST NAME / COMPANY | FIRST NAME

Grantor (Seller)

LAST NAME / COMPANY | FIRST NAME

Grantee (Buyer)

LAST NAME / COMPANY | FIRST NAME

Grantor (Seller)

LAST NAME / COMPANY | FIRST NAME

Grantee (Buyer)

LAST NAME / COMPANY | FIRST NAME

Grantor (Seller)

LAST NAME / COMPANY | FIRST NAME

Grantee (Buyer)

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Grantor (Seller)

LAST NAME / COMPANY | FIRST NAME

Grantee (Buyer)

LAST NAME / COMPANY | FIRST NAME

Grantor (Seller)

LAST NAME / COMPANY | FIRST NAME

Grantee (Buyer)

LAST NAME / COMPANY | FIRST NAME

Grantor (Seller)

LAST NAME / COMPANY | FIRST NAME

Form RP-5217 NYC

ATTACHMENT

CERTIFICATION

I certify that all of the items of information entered on this form are true and correct (to the best of my knowledge and belief) and understand that the making of any willful false statement of material fact herein will subject me to the provisions of the penal law relative to the making and filing of false instruments.

BUYERS		SELLERS	
Buyer Signature	Date	Seller Signature	Date
X [signature]	11.12.20	[signature]	11.12.20
		EMILIO LAMANNA, MEMBER	ROSSANA BARTONE, MEMBER
X [signature]	11.12.20	Seller Signature	Date
		SABATINO LAMANNA, MEMBER	
[signature]	11.12.20	Seller Signature	Date
		ROSSANA BARTONE, MEMBER	
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
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Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date

2020100800124201

The City of New York
Department of Environmental Protection
Bureau of Customer Services
59-17 Junction Boulevard
Flushing, NY 11373-5108

Customer Registration Form for Water and Sewer Billing

Property and Owner Information:

(1) **Property receiving service: BOROUGH: QUEENS** **BLOCK: 2601** **LOT: 6**

(2) **Property Address: 57-00 47TH STREET, QUEENS, NY 11378**

(3) **Owner's Name:** **RL FAMILY PROPERTY OWNER LLC**

Additional Name: **EL FAMILY PROPERTY OWNER LLC**

Affirmation:

☑ Your water & sewer bills will be sent to the property address shown above.

Customer Billing Information:

Please Note:

A. Water and sewer charges are the legal responsibility of the owner of a property receiving water and/or sewer service. The owner's responsibility to pay such charges is not affected by any lease, license or other arrangement, or any assignment of responsibility for payment of such charges. Water and sewer charges constitute a lien on the property until paid. In addition to legal action against the owner, a failure to pay such charges when due may result in foreclosure of the lien by the City of New York, the property being placed in a lien sale by the City or Service Termination.

B. Original bills for water and/or sewer service will be mailed to the owner, **at the property address or to an alternate mailing address**. DEP will provide a duplicate copy of bills to one other party (such as a managing agent), however, any failure or delay by DEP in providing duplicate copies of bills shall in no way relieve the owner from his/her liability to pay all outstanding water and sewer charges. Contact DEP at (718) 595-7000 during business hours or visit www.nyc.gov/dep to provide us with the other party's information.

Owner's Approval:

The undersigned certifies that he/she/it is the owner of the property receiving service referenced above; that he/she/it has read and understands Paragraphs A & B under the section captioned "Customer Billing Information"; and that the information supplied by the undersigned on this form is true and complete to the best of his/her/its knowledge.

Print Name of Owner: RL FAMILY PROPERTY OWNER, LLC

Signature: Rossana Bortone MANAGING MEMBER Date (mm/dd/yyyy): 11/13/2020

Name and Title of Person Signing for Owner, if applicable:

BCS-7CRF-ACRIS REV. 8/08

2020100800124101

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

This page is part of the instrument. The City Register will rely on the information provided by you on this page for purposes of indexing this instrument.The information on this page will control for indexing purposes in the event of any conflict with the rest of the document.

2020111700949003002E38B7

RECORDING AND ENDORSEMENT COVER PAGE **PAGE 1 OF 6**

Document ID: 2020111700949003 Document Date: 11-13-2020 Preparation Date: 11-17-2020
Document Type: DEED
Document Page Count: 4

PRESENTER:
BETTER RESEARCH LLC
1 PARAGON DRIVE - RALS-39291
SUITE 150B
MONTVALE, NJ 07645
REC@BETTERTITLERESEARCH.COM

RETURN TO:
BETTER RESEARCH LLC
1 PARAGON DRIVE - RALS-39291
SUITE 150B
MONTVALE, NJ 07645
REC@BETTERTITLERESEARCH.COM

PROPERTY DATA

Borough	Block	Lot	Unit	Address
QUEENS	2602	72	Entire Lot	57-05 47TH STREET

Property Type: INDUSTRIAL BUILDING

CROSS REFERENCE DATA

CRFN_____ *or* DocumentID_____ *or* _____ Year____ Reel____ Page_____ *or* File Number_____

PARTIES

GRANTOR/SELLER:
FUMO, LLC
248-22 BROOKVILLE BLVD
ROSEDALE, NY 11422

☒ Additional Parties Listed on Continuation Page

GRANTEE/BUYER:
RL FAMILY PROPERTY OWNER LLC
248-22 BROOKVILLE BLVD
ROSEDALE, NY 11422

FEES AND TAXES

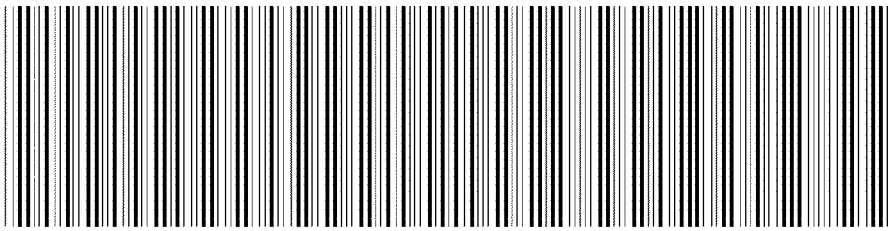
Mortgage :		
Mortgage Amount:	$	0.00
Taxable Mortgage Amount:	$	0.00
Exemption:		
TAXES: County (Basic):	$	0.00
City (Additional):	$	0.00
Spec (Additional):	$	0.00
TASF:	$	0.00
MTA:	$	0.00
NYCTA:	$	0.00
Additional MRT:	$	0.00
TOTAL:	$	0.00
Recording Fee:	$	57.00
Affidavit Fee:	$	0.00

Filing Fee: $ 250.00
NYC Real Property Transfer Tax: $ 0.00
NYS Real Estate Transfer Tax: $ 0.00

RECORDED OR FILED IN THE OFFICE OF THE CITY REGISTER OF THE CITY OF NEW YORK
Recorded/Filed 11-20-2020 09:28
City Register File No.(CRFN): **2020000326469**

City Register Official Signature

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER



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RECORDING AND ENDORSEMENT COVER PAGE (CONTINUATION) **PAGE 2 OF 6**

Document ID: 2020111700949003 Document Date: 11-13-2020 Preparation Date: 11-17-2020
Document Type: DEED

PARTIES

GRANTEE/BUYER:
EL FAMILY PROPERTY OWNER LLC
248-22 BROOKVILLE BLVD
ROSEDALE, NY 11422

GRANTEE/BUYER:
SLMJL FAMILY PROPERTY OWNER LLC
248-22 BROOKVILLE BLVD
ROSEDALE, NY 11422

Bargain and Sale Deed, without Covenant against Grantor's Acts--Ind. or Corp.

CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT--THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY.

THIS INDENTURE, made as of this 13th day of November, 2020,

BETWEEN

FUMO, LLC, a New York limited liability company, having an address at 248-22 Brookville Boulevard, Rosedale, New York 11422,

party of the first part, and

RL FAMILY PROPERTY OWNER LLC, a New York limited liability company, as to a one-third (1/3rd) undivided interest, **EL FAMILY PROPERTY OWNER LLC,** a New York limited liability company, as to a one-third (1/3rd) undivided interest, and **SLMJL FAMILY PROPERTY OWNER LLC,** a New York limited liability company, as to a one-third (1/3rd) undivided interest, each having an address at 248-22 Brookville Boulevard, Rosedale, New York 11422, with the three (3) grantees hold title as tenants-in-common,

party of the second part.

Tax Map Designation:

Block: 2602
Lot(s): 72
Queens County
Section: 14

Address:
57-05 47th St.,
Flushing, NY

WITNESSETH, that the party of the first part, in consideration of ten dollars and other valuable consideration paid by the party of the second part does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever,

ALL, that certain plot, piece or parcel of land and all buildings and improvements thereon erected situated, lying and being more particularly described in Schedule "A" annexed hereto and forming a part hereof.

TOGETHER with all right, title and interest, if any, of the party of the first part in and to any streets and highways abutting the above described premises to the center lines thereof; **TOGETHER** with the appurtenances and all the estate and rights of the party of the first part in and to said premises; **TO HAVE AND TO HOLD** the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever;

AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.

The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

The Premises herein described are the same and are intended to be the same as those conveyed to the party of the first part by deed dated May 31, 2006 and recorded September 26, 2006 in the Office of the City Register of the City of New York at CRFN 2006000542059.

[End of Text; Signature Page to Follow]

SCHEDULE A

All that certain plot, piece or parcel of land, situate, lying and being in the Borough of Queens, County of Queens, City and State of New York, bounded and described as follows:

BEGINNING at the corner formed by the intersection of the southerly side of Maspeth Avenue, 66 feet wide, with the easterly side of 47th Street, 70 feet wide;

RUNNING THENCE easterly along the southerly side of Maspeth Avenue and along the prolongation easterly thereof, 222.76 feet;

THENCE southwesterly along a line forming an interior angle of 54 degrees, 46 minutes, 39 seconds with the preceding course, 242.99 feet;

THENCE westerly at right angles to the easterly side of 47th Street, 78.91 feet to the easterly side of 47th Street;

THENCE northerly along the easterly side of 47th Street, 200 feet to the point or place of BEGINNING.

Bargain and Sale Deed
Without Covenant Against Grantor's Acts

BLOCK: 2602
LOT: 72
COUNTY: Queens

FUMO, LLC

TO

RL FAMILY PROPERTY OWNER LLC, EL FAMILY PROPERTY OWNER LLC, and SLMJL FAMILY PROPERTY OWNER LLC

RETURN BY MAIL TO:

Goldfarb & Fleece LLP
560 Lexington Avenue, 6th Floor
New York, New York 10022
Attention: Michael Bollag, Esq.

[Signature Page to Deed – 57-05 Maspeth Avenue]

IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above written.

FUMO, LLC

By: Rossana Bortone
Name: ROSSANA BORTONE
Title: MEMBER

UNIFORM FORM CERTIFICATE OF ACKNOWLEDGMENT
(Within New York State)

DAVID O'NEILL
Notary Public, State of New York
No. 01ON6202621
Qualified in Nassau County
Commission Expires March 23, 2021

State of New York)
:ss.:
County of New York)

On the 13th day of November, in the year 2020, before me, the undersigned, personally appeared ROSSANA BORTONE personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

David O'Neill
(Signature and Office of individual taking acknowledgment)

DAVID O'NEILL

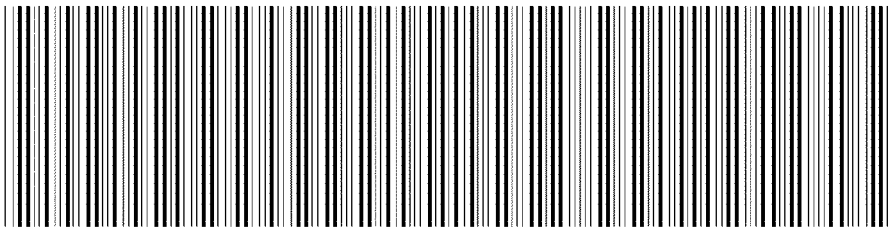
NOTARY PUBLIC, STATE OF NY

NO. 01ON6202621

QUALIFIED IN NASSAU CO

COMM EXP. 03/23/2021

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER



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SUPPORTING DOCUMENT COVER PAGE **PAGE 1 OF 1**

Document ID: 2020111700949003 Document Date: 11-13-2020 Preparation Date: 11-17-2020
Document Type: DEED

ASSOCIATED TAX FORM ID: 2020100800089

SUPPORTING DOCUMENTS SUBMITTED:

	Page Count
DEP CUSTOMER REGISTRATION FORM FOR WATER AND SEWER BILLING	1
RP - 5217 REAL PROPERTY TRANSFER REPORT	4

FOR CITY USE ONLY

C1. County Code | | C2. Date Deed Recorded | / / | Month Day Year

C3. Book OR C4. Page | | |

C5. CRFN | |

REAL PROPERTY TRANSFER REPORT

STATE OF NEW YORK
STATE BOARD OF REAL PROPERTY SERVICES

RP - 5217NYC

PROPERTY INFORMATION

1. Property Location: 57-05 (STREET NUMBER) | 47TH STREET (STREET NAME) | QUEENS (BOROUGH) | 11378 (ZIP CODE)

2. Buyer Name: RL FAMILY PROPERTY OWNER LLC (LAST NAME / COMPANY) | (FIRST NAME)

EL FAMILY PROPERTY OWNER LLC (LAST NAME / COMPANY) | (FIRST NAME)

3. Tax Billing Address: Indicate where future Tax Bills are to be sent if other than buyer address (at bottom of form)

(LAST NAME / COMPANY) | (FIRST NAME)

(STREET NUMBER AND STREET NAME) | (CITY OR TOWN) | (STATE) | (ZIP CODE)

4. Indicate the number of Assessment Roll parcels transferred on the deed: 1 # of Parcels OR ☐ Part of a Parcel

4A. Planning Board Approval - N/A for NYC

4B. Agricultural District Notice - N/A for NYC

5. Deed Property Size: (FRONT FEET) X (DEPTH) OR (ACRES)

Check the boxes below as they apply:

6. Ownership Type is Condominium ☐

7. New Construction on Vacant Land ☐

8. Seller Name: FUMO, LLC (LAST NAME / COMPANY) | (FIRST NAME)

(LAST NAME / COMPANY) | (FIRST NAME)

9. Check the box below which most accurately describes the use of the property at the time of sale:

A ☐ One Family Residential
B ☐ 2 or 3 Family Residential
C ☐ Residential Vacant Land
D ☐ Non-Residential Vacant Land
E ☐ Commercial
F ☐ Apartment
G ☐ Entertainment / Amusement
H ☐ Community Service
I ☑ Industrial
J ☐ Public Service

SALE INFORMATION

10. Sale Contract Date: 11 / 13 / 2020 (Month Day Year)

11. Date of Sale / Transfer: 11 / 13 / 2020 (Month Day Year)

12. Full Sale Price: $ 0

(Full Sale Price is the total amount paid for the property including personal property. This payment may be in the form of cash, other property or goods, or the assumption of mortgages or other obligations.) *Please round to the nearest whole dollar amount.*

13. Indicate the value of personal property included in the sale

14. Check one or more of these conditions as applicable to transfer:

A ☑ Sale Between Relatives or Former Relatives
B ☑ Sale Between Related Companies or Partners in Business
C ☐ One of the Buyers is also a Seller
D ☐ Buyer or Seller is Government Agency or Lending Institution
E ☐ Deed Type **not** Warranty or Bargain and Sale (Specify Below)
F ☐ Sale of Fractional or Less than Fee Interest (Specify Below)
G ☐ Significant Change in Property Between Taxable Status and Sale Dates
H ☐ Sale of Business is Included in Sale Price
I ☐ Other Unusual Factors Affecting Sale Price (Specify Below)
J ☐ None

ASSESSMENT INFORMATION - Data should reflect the latest Final Assessment Roll and Tax Bill

15. Building Class: E 9

16. Total Assessed Value (of all parcels in transfer): 408,600

17. Borough, Block and Lot / Roll Identifier(s) (If more than three, attach sheet with additional identifier(s))

QUEENS 2602 72

CERTIFICATION

I certify that all of the items of information entered on this form are true and correct (to the best of my knowledge and belief) and understand that the making of any willful false statement of material fact herein will subject me to the provisions of the penal law relative to the making and filing of false instruments.

BUYER

Rossana Bortone MANAGING MEMBER 11.13.20

BUYER SIGNATURE DATE

248-22 BROOKVILLE BLVD ROSSANNA BORTONE, MEMBER

STREET NUMBER STREET NAME (AFTER SALE)

ROSEDALE NY 11422

CITY OR TOWN STATE ZIP CODE

BUYER'S ATTORNEY

LAST NAME FIRST NAME

AREA CODE TELEPHONE NUMBER

SELLER

Rossana Bortone 11.13.20

SELLER SIGNATURE DATE

MANAGING MEMBER

ROSSANNA BORTONE, MEMBER

2020100800089201

Grantee (Buyer)

SLMJL FAMILY PROPERTY OWNER LLC

LAST NAME / COMPANY | FIRST NAME

Grantor (Seller)

LAST NAME / COMPANY | FIRST NAME

Grantee (Buyer)

LAST NAME / COMPANY | FIRST NAME

Grantor (Seller)

LAST NAME / COMPANY | FIRST NAME

Grantee (Buyer)

LAST NAME / COMPANY | FIRST NAME

Grantor (Seller)

LAST NAME / COMPANY | FIRST NAME

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Grantor (Seller)

LAST NAME / COMPANY | FIRST NAME

Grantee (Buyer)

LAST NAME / COMPANY | FIRST NAME

Grantor (Seller)

LAST NAME / COMPANY | FIRST NAME

Grantee (Buyer)

LAST NAME / COMPANY | FIRST NAME

Grantor (Seller)

LAST NAME / COMPANY | FIRST NAME

CERTIFICATION

I certify that all of the items of information entered on this form are true and correct (to the best of my knowledge and belief) and understand that the making of any willful false statement of material fact herein will subject me to the provisions of the penal law relative to the making and filing of false instruments.

BUYERS		SELLERS	
Buyer Signature: EMILIO LAMANNA, MEMBER	Date: 11.13.20	Seller Signature: Rossana Bortone MANAGING MEMBER	Date: 11.13.20
Buyer Signature: SABATINO LAMANNA, MEMBER	Date: 11.13.20	Seller Signature: ROSSANNA BORTONE, MEMBER	Date:
Buyer Signature: Rossana Bortone ROSSANNA BORTONE, MEMBER	Date: 11.13.20	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
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Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date

The City of New York
Department of Environmental Protection
Bureau of Customer Services
59-17 Junction Boulevard
Flushing, NY 11373-5108

Customer Registration Form for Water and Sewer Billing

Property and Owner Information:

(1) **Property receiving service: BOROUGH: QUEENS** **BLOCK: 2602** **LOT: 72**

(2) **Property Address: 57-05 47TH STREET, QUEENS, NY 11378**

(3) **Owner's Name:** **RL FAMILY PROPERTY OWNER LLC**

Additional Name: **EL FAMILY PROPERTY OWNER LLC**

Affirmation:

☑ Your water & sewer bills will be sent to the property address shown above.

Customer Billing Information:

Please Note:

A. Water and sewer charges are the legal responsibility of the owner of a property receiving water and/or sewer service. The owner's responsibility to pay such charges is not affected by any lease, license or other arrangement, or any assignment of responsibility for payment of such charges. Water and sewer charges constitute a lien on the property until paid. In addition to legal action against the owner, a failure to pay such charges when due may result in foreclosure of the lien by the City of New York, the property being placed in a lien sale by the City or Service Termination.

B. Original bills for water and/or sewer service will be mailed to the owner, **at the property address or to an alternate mailing address**. DEP will provide a duplicate copy of bills to one other party (such as a managing agent), however, any failure or delay by DEP in providing duplicate copies of bills shall in no way relieve the owner from his/her liability to pay all outstanding water and sewer charges. Contact DEP at (718) 595-7000 during business hours or visit www.nyc.gov/dep to provide us with the other party's information.

Owner's Approval:

The undersigned certifies that he/she/it is the owner of the property receiving service referenced above; that he/she/it has read and understands Paragraphs A & B under the section captioned "Customer Billing Information"; and that the information supplied by the undersigned on this form is true and complete to the best of his/her/its knowledge.

Print Name of Owner: RL FAMILY PROPERTY OWNER LLC

Signature: Rossanna Bortone MANAGING MEMBER Date (mm/dd/yyyy): 11/13/2020

Name and Title of Person Signing for Owner, if applicable: ROSSANNA BORTONE, MEMBER

2020100800089101

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

This page is part of the instrument. The City Register will rely on the information provided by you on this page for purposes of indexing this instrument. The information on this page will control for indexing purposes in the event of any conflict with the rest of the document.

2020111700949007004E5845

RECORDING AND ENDORSEMENT COVER PAGE **PAGE 1 OF 6**

Document ID: 2020111700949007 Document Date: 11-13-2020 Preparation Date: 11-17-2020
Document Type: DEED
Document Page Count: 4

PRESENTER:
BETTER RESEARCH LLC
1 PARAGON DRIVE - RALS-39291
SUITE 150B
MONTVALE, NJ 07645
REC@BETTERTITLERESEARCH.COM

RETURN TO:
BETTER RESEARCH LLC
1 PARAGON DRIVE - RALS-39291
SUITE 150B
MONTVALE, NJ 07645
REC@BETTERTITLERESEARCH.COM

PROPERTY DATA

Borough	Block	Lot	Unit	Address
QUEENS	2602	68	Entire Lot	57-57 47TH STREET

Property Type: INDUSTRIAL BUILDING

CROSS REFERENCE DATA

CRFN_____ *or* DocumentID_____ *or* _____ Year____ Reel____ Page_____ *or* File Number_____

PARTIES

GRANTOR/SELLER:
57-57 47TH STREET MACK, LLC
248-22 BROOKVILLE BLVD
ROSEDALE, NY 11422

☒ Additional Parties Listed on Continuation Page

GRANTEE/BUYER:
RL FAMILY PROPERTY OWNER LLC
248-22 BROOKVILLE BLVD
ROSEDALE, NY 11422

FEES AND TAXES

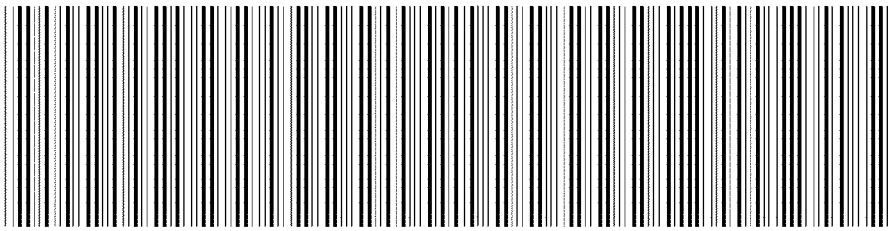
Mortgage :		
Mortgage Amount:	$	0.00
Taxable Mortgage Amount:	$	0.00
Exemption:		
TAXES: County (Basic):	$	0.00
City (Additional):	$	0.00
Spec (Additional):	$	0.00
TASF:	$	0.00
MTA:	$	0.00
NYCTA:	$	0.00
Additional MRT:	$	0.00
TOTAL:	$	0.00
Recording Fee:	$	57.00
Affidavit Fee:	$	0.00

Filing Fee: $ 250.00
NYC Real Property Transfer Tax: $ 0.00
NYS Real Estate Transfer Tax: $ 0.00

RECORDED OR FILED IN THE OFFICE OF THE CITY REGISTER OF THE CITY OF NEW YORK
Recorded/Filed 11-20-2020 09:28
City Register File No.(CRFN): **2020000326473**

City Register Official Signature

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER



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RECORDING AND ENDORSEMENT COVER PAGE (CONTINUATION) **PAGE 2 OF 6**

Document ID: 2020111700949007 Document Date: 11-13-2020 Preparation Date: 11-17-2020
Document Type: DEED

PARTIES

GRANTEE/BUYER:
EL FAMILY PROPERTY OWNER LLC
248-22 BROOKVILLE BLVD
ROSEDALE, NY 11422

GRANTEE/BUYER:
SLMJL FAMILY PROPERTY OWNER LLC
248-22 BROOKVILLE BLVD
ROSEDALE, NY 11422

Bargain and Sale Deed, without Covenant against Grantor's Acts--Ind. or Corp.

CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT--THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY.

THIS INDENTURE, made as of this 13th day of November, 2020,

BETWEEN

57-57 47TH STREET MACK, LLC, a New York limited liability company, having an address at 248-22 Brookville Boulevard, Rosedale, New York 11422,

party of the first part, and

RL FAMILY PROPERTY OWNER LLC, a New York limited liability company, as to a one-third (1/3rd) undivided interest, **EL FAMILY PROPERTY OWNER LLC,** a New York limited liability company, as to a one-third (1/3rd) undivided interest, and **SLMJL FAMILY PROPERTY OWNER LLC,** a New York limited liability company, as to a one-third (1/3rd) undivided interest, each having an address at 248-22 Brookville Boulevard, Rosedale, New York 11422, with the three (3) grantees hold title as tenants-in-common,

party of the second part.

Tax Map Designation:

Block: 2602
Lot(s): 68
Queens County
Section: 14

Address:
57-57 47th St.,
Flushing, NY

WITNESSETH, that the party of the first part, in consideration of ten dollars and other valuable consideration paid by the party of the second part does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever,

ALL, that certain plot, piece or parcel of land and all buildings and improvements thereon erected situated, lying and being more particularly described in Schedule "A" annexed hereto and forming a part hereof.

TOGETHER with all right, title and interest, if any, of the party of the first part in and to any streets and highways abutting the above described premises to the center lines thereof; **TOGETHER** with the appurtenances and all the estate and rights of the party of the first part in and to said premises; **TO HAVE AND TO HOLD** the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever;

AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.

The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

The Premises herein described are the same and are intended to be the same as those conveyed to the party of the first part by deed dated November 28, 2012 and recorded December 12, 2012 in the Office of the City Register of the City of New York at CRFN 2012000427681.

[End of Text; Signature Page to Follow]

[Signature Page to Deed – 57-57 Maspeth Avenue]

IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above written.

57-57 47TH STREET MACK, LLC

By: Rossana Bortone
Name: ROSSANA BORTONE
Title: Manager MANAGING MEMBER

UNIFORM FORM CERTIFICATE OF ACKNOWLEDGMENT
(Within New York State)

State of New York)
:ss.:
County of New York)

DAVID O'NEILL
Notary Public, State of New York
No. 01ON6202621
Qualified in Nassau County
Commission Expires March 23, 2021

On the 13th day of November, in the year 2020, before me, the undersigned, personally appeared ROSSANA BORTONE personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, or the person upon behalf of which the individual acted, exccuted the instrument.

David O'Neill
(Signature and Office of individual taking acknowledgment)

DAVID O'NEILL

NOTARY PUBLIC, STATE OF NY

NO. 01ON6202621

QUALIFIED IN NASSAU CO

EXP. 03/23/2021

Bargain and Sale Deed
Without Covenant Against Grantor's Acts

BLOCK: 2602
LOT: 68
COUNTY: Queens

57-57 47TH STREET MACK, LLC

TO

RL FAMILY PROPERTY OWNER LLC, EL FAMILY PROPERTY OWNER LLC, and SLMJL FAMILY PROPERTY OWNER LLC

RETURN BY MAIL TO:

Goldfarb & Fleece LLP
560 Lexington Avenue, 6th Floor
New York, New York 10022
Attention: Michael Bollag, Esq.

SCHEDULE A

All that certain plot, piece or parcel of land, situate, lying and being in the Borough of Queens, County of Queens, City and State of New York, bounded and described as follows:

BEGINNING at a point on the easterly side of 47th Street (70 feet wide), distant 200 feet southerly from the corner from the corner formed by the intersection of the easterly side of 47th Street with the southerly side of 58th Road, formerly known as Maspeth Avenue (66 feet wide);

RUNNING THENCE easterly at right angles to the easterly side of 47th Street, 78.91 feet to a point; THENCE

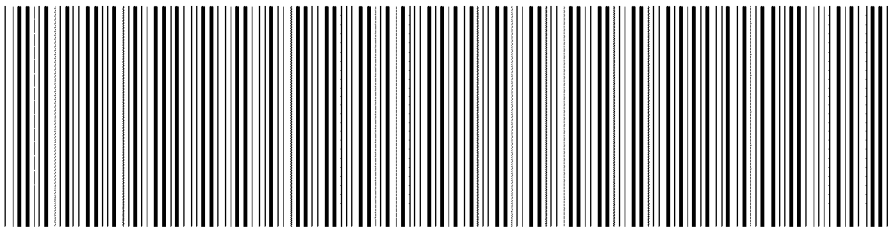
southwesterly along a line forming an angle on the southwest with the last mentioned course of 76 degrees 45 minutes 31 seconds, 39.24 feet to a point;

THENCE again southwesterly along a line forming an angle on the northwest with the last mentioned course of 157 degrees 27 minutes 25 seconds, 86.06 feet to a point;

THENCE westerly at right angles to the easterly side of 47th Street, 19.60 feet to the easterly side of 47th Street;

THENCE northerly along the easterly side of 47th Street, 108.01 feet to the point or place of BEGINNING.

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER



2020111700949007004S96C4

SUPPORTING DOCUMENT COVER PAGE **PAGE 1 OF 1**

Document ID: 2020111700949007 Document Date: 11-13-2020 Preparation Date: 11-17-2020
Document Type: DEED

ASSOCIATED TAX FORM ID: 2020100800057

SUPPORTING DOCUMENTS SUBMITTED:

	Page Count
DEP CUSTOMER REGISTRATION FORM FOR WATER AND SEWER BILLING	1
RP - 5217 REAL PROPERTY TRANSFER REPORT	4

FOR CITY USE ONLY

C1. County Code | | C2. Date Deed Recorded | / / (Month / Day / Year)

C3. Book OR C4. Page | |

C5. CRFN |

REAL PROPERTY TRANSFER REPORT

STATE OF NEW YORK
STATE BOARD OF REAL PROPERTY SERVICES

RP - 5217NYC

PROPERTY INFORMATION

1. Property Location: 57-57 (STREET NUMBER) | 47TH STREET (STREET NAME) | QUEENS (BOROUGH) | 11378 (ZIP CODE)

2. Buyer Name: RL FAMILY PROPERTY OWNER LLC (LAST NAME / COMPANY) | (FIRST NAME)

EL FAMILY PROPERTY OWNER LLC (LAST NAME / COMPANY) | (FIRST NAME)

3. Tax Billing Address: Indicate where future Tax Bills are to be sent if other than buyer address (at bottom of form)
(LAST NAME / COMPANY) | (FIRST NAME)

(STREET NUMBER AND STREET NAME) | (CITY OR TOWN) | (STATE) | (ZIP CODE)

4. Indicate the number of Assessment Roll parcels transferred on the deed: 1 # of Parcels OR ☐ Part of a Parcel

4A. Planning Board Approval - N/A for NYC

4B. Agricultural District Notice - N/A for NYC

5. Deed Property Size: (FRONT FEET) X (DEPTH) OR (ACRES)

Check the boxes below as they apply:

6. Ownership Type is Condominium ☐

7. New Construction on Vacant Land ☐

8. Seller Name: 57-57 47TH STREET MACK, LLC (LAST NAME / COMPANY) | (FIRST NAME)

(LAST NAME / COMPANY) | (FIRST NAME)

9. Check the box below which most accurately describes the use of the property at the time of sale:

A ☐ One Family Residential
B ☐ 2 or 3 Family Residential
C ☐ Residential Vacant Land
D ☐ Non-Residential Vacant Land
E ☐ Commercial
F ☐ Apartment
G ☐ Entertainment / Amusement
H ☐ Community Service
I ☑ Industrial
J ☐ Public Service

SALE INFORMATION

10. Sale Contract Date: 11 / 13 / 2020 (Month / Day / Year)

11. Date of Sale / Transfer: 11 / 13 / 2020 (Month / Day / Year)

12. Full Sale Price: $ 0

(Full Sale Price is the total amount paid for the property including personal property. This payment may be in the form of cash, other property or goods, or the assumption of mortgages or other obligations.) *Please round to the nearest whole dollar amount.*

13. Indicate the value of personal property included in the sale:

14. Check one or more of these conditions as applicable to transfer:

A ☑ Sale Between Relatives or Former Relatives
B ☑ Sale Between Related Companies or Partners in Business
C ☐ One of the Buyers is also a Seller
D ☐ Buyer or Seller is Government Agency or Lending Institution
E ☐ Deed Type **not** Warranty or Bargain and Sale (Specify Below)
F ☐ Sale of Fractional or Less than Fee Interest (Specify Below)
G ☐ Significant Change in Property Between Taxable Status and Sale Dates
H ☐ Sale of Business is Included in Sale Price
I ☐ Other Unusual Factors Affecting Sale Price (Specify Below)
J ☐ None

ASSESSMENT INFORMATION - Data should reflect the latest Final Assessment Roll and Tax Bill

15. Building Class: O 1

16. Total Assessed Value (of all parcels in transfer): 1,498,500

17. Borough, Block and Lot / Roll Identifier(s) (If more than three, attach sheet with additional identifier(s))

QUEENS 2602 68

CERTIFICATION

I certify that all of the items of information entered on this form are true and correct (to the best of my knowledge and belief) and understand that the making of any willful false statement of material fact herein will subject me to the provisions of the penal law relative to the making and filing of false instruments.

BUYER

Rossana Bortone — 11.13.20

BUYER SIGNATURE — DATE

248-22 BROOKVILLE BLVD — ROSSANA BORTONE, MEMBER

STREET NUMBER — STREET NAME (AFTER SALE)

ROSEDALE — NY — 11422

CITY OR TOWN — STATE — ZIP CODE

BUYER'S ATTORNEY

LAST NAME — FIRST NAME

AREA CODE — TELEPHONE NUMBER

SELLER

Rossana Bortone — 11.13.20

SELLER SIGNATURE — DATE

ROSSANA BORTONE, MEMBER

2020100800057201

Grantee (Buyer)

SLMJL FAMILY PROPERTY OWNER LLC

LAST NAME / COMPANY | FIRST NAME

Grantor (Seller)

LAST NAME / COMPANY | FIRST NAME

Grantee (Buyer)

LAST NAME / COMPANY | FIRST NAME

Grantor (Seller)

LAST NAME / COMPANY | FIRST NAME

Grantee (Buyer)

LAST NAME / COMPANY | FIRST NAME

Grantor (Seller)

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Grantee (Buyer)

LAST NAME / COMPANY | FIRST NAME

Grantor (Seller)

LAST NAME / COMPANY | FIRST NAME

Grantee (Buyer)

LAST NAME / COMPANY | FIRST NAME

Grantor (Seller)

LAST NAME / COMPANY | FIRST NAME

Grantee (Buyer)

LAST NAME / COMPANY | FIRST NAME

Grantor (Seller)

LAST NAME / COMPANY | FIRST NAME

CERTIFICATION

I certify that all of the items of information entered on this form are true and correct (to the best of my knowledge and belief) and understand that the making of any willful false statement of material fact herein will subject me to the provisions of the penal law relative to the making and filing of false instruments.

BUYERS		SELLERS	
Buyer Signature: EMILIO LAMANNA, MEMBER	Date: 11.13.20	Seller Signature: Rossana Bortone	Date: 11.13.20
Buyer Signature: SABATINO LAMANNA, MEMBER	Date: 11.13.20	Seller Signature: ROSSANA BORTONE, MEMBER	Date
Buyer Signature: Rossana Bortone	Date: 11.13.20	Seller Signature	Date
Buyer Signature: ROSSANA BORTONE, MEMBER	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
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Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date
Buyer Signature	Date	Seller Signature	Date

2020100800057201

The City of New York
Department of Environmental Protection
Bureau of Customer Services
59-17 Junction Boulevard
Flushing, NY 11373-5108

Customer Registration Form for Water and Sewer Billing

Property and Owner Information:

(1) **Property receiving service: BOROUGH: QUEENS** **BLOCK: 2602** **LOT: 68**

(2) **Property Address: 57-57 47TH STREET, QUEENS, NY 11378**

(3) **Owner's Name:** **RL FAMILY PROPERTY OWNER LLC**

Additional Name: **EL FAMILY PROPERTY OWNER LLC**

Affirmation:

☑ Your water & sewer bills will be sent to the property address shown above.

Customer Billing Information:

Please Note:

A. Water and sewer charges are the legal responsibility of the owner of a property receiving water and/or sewer service. The owner's responsibility to pay such charges is not affected by any lease, license or other arrangement, or any assignment of responsibility for payment of such charges. Water and sewer charges constitute a lien on the property until paid. In addition to legal action against the owner, a failure to pay such charges when due may result in foreclosure of the lien by the City of New York, the property being placed in a lien sale by the City or Service Termination.

B. Original bills for water and/or sewer service will be mailed to the owner, **at the property address or to an alternate mailing address**. DEP will provide a duplicate copy of bills to one other party (such as a managing agent), however, any failure or delay by DEP in providing duplicate copies of bills shall in no way relieve the owner from his/her liability to pay all outstanding water and sewer charges. Contact DEP at (718) 595-7000 during business hours or visit www.nyc.gov/dep to provide us with the other party's information.

Owner's Approval:

The undersigned certifies that he/she/it is the owner of the property receiving service referenced above; that he/she/it has read and understands Paragraphs A & B under the section captioned "Customer Billing Information"; and that the information supplied by the undersigned on this form is true and complete to the best of his/her/its knowledge.

Print Name of Owner: RL FAMILY PROPERTY OWNER LLC

Signature: Rossana Bortone Date (mm/dd/yyyy): 11/13/2020

Name and Title of Person Signing for Owner, if applicable: ROSSANA BORTONE, MEMBER

Standard N. Y. B. T. U. Form 8002 • 1-70-70M – Bargain and Sale Deed, with Covenant against Grantor's Acts – Individual or Corporation (single sheet)

CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMSNT—THIS INSTRUMENT SHOULD BS USSD BY LAWYERS ONLY.

Stamps 55.00

THIS INDENTURE, made the 22nd day of June, nineteen hundred and seventy,

BETWEEN GALARON REALTY CORP., a domestic corporation having its principal place of business at 57-57 47th Street, Maspeth, Queens, New York,

REEL 409 PAGE 662

party of the first part, and PETER GALASSO, residing at 79 Wheatley Road, Old Westbury, New York,

party of the second part,

WITNESSETH, that the party of the first part, in consideration of Ten Dollars and other valuable consideration paid by the party of the second part, does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever,

ALL that certain plot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being ~~in the~~ at Maspeth, in the Borough and County of Queens, City and State of New York, being more particularly bounded and described as follows:

2602/68

BEGINNING at a point on the easterly side of 47th Street distant 200 feet southerly from the corner formed by the intersection of the southerly side of Maspeth Avenue with the easterly side of said 47th Street; running THENCE southerly along the easterly side of 47th Street 82 feet 11 inches to a point; running THENCE easterly at right angles to the preceding course 18 feet to a point; running THENCE northeasterly along a line forming an interior angle of 126 degrees 17 minutes 27 seconds with the preceding course 102 feet 10 inches to a point; running THENCE westerly 78 feet 11 inches to the easterly side of 47th Street, the point or place of BEGINNING.

SUBJECT to all encumbrances of record.

THIS CONVEYANCE is made in the regular course of business actually conducted by the party of the first part.

QUEENS COUNTY 043413

REAL ESTATE TRANSFER TAX Dept. of Taxation & Finance JUN 25'70

STATE OF NEW YORK

55.00

PD. 10920

TOGETHER with all right, title and interest, if any, of the party of the first part in and to any streets and roads abutting the above described premises to the center lines thereof; TOGETHER with the appurtenances and all the estate and rights of the party of the first part in and to said premises; TO HAVE AND TO HOLD the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever.

AND the party of the first part covenants that the party of the first part has not done or suffered anything whereby the said premises have been encumbered in any way whatever, except as aforesaid.
AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.
The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above written.

IN PRESENCE OF:

GALARON REALTY CORP.

By Edward Shapiro
Assistant Secretary

STATE OF NEW YORK, COUNTY OF ss:

On the day of 19 , befnre me personally came

to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that executed the same.

STATE OF NEW YORK, COUNTY OF ss:

On the day of 19 , before me personally came

to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that executed the same.

REEL 409 PAGE 663

STATE OF NEW YORK, COUNTY OF QUEENS, ss:

On the 22nd day of June, 19 70, before me personally came EDWARD SHAPIRO, to me known, who, being by me duly sworn, did depose and say that he resides at No. 80-35 Springfield Blvd., Hollis, Queens, New York ; that he is the Assistant Secretary, of GALARON REALTY CORP., the corporation described in and which executed the foregoing instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the board of directors of said corporation, and that he signed h name thereto by like order.

Emanuel Katz
EMANUEL KATZ
Notary Public, State of New York
No. 24-7173100
Qualified in Kings County
Commission Expires March 30, 1972

STATE OF NEW YORK, COUNTY OF ss:

On the day of 19 , before me personally came the subscribing witness to the foregoing instrument, with whom I am personally acquainted, who, being by me duly sworn, did depose and say that he resides at No. ; that he knows to be the individual described in and who executed the foregoing instrument; that he, said subscribing witness, was present and saw execute the same; and that he, said witness, at the same time subscribed h name as witness thereto.

OFFICE OF CITY REGISTER
Queens County
RECORDED
Witness my hand
and official seal

Victa M. Riviera

Bargain and Sale Deed
WITH COVENANT AGAINST GRANTOR'S ACTS

Title No.

GALARON REALTY CORP.

TO

PETER GALASSO.

19554

SECTION
BLOCK ~~2600~~ 2602.
LOT 68
COUNTY ~~KKXXXX~~ QUEENS.

Recorded At Request of The Title Guarantee Company
RETURN BY MAIL TO:

POWSNER, KATZ & POWSNER, ESQS.
66 Court Street, Suite 800
Brooklyn, New York Zip No. 11201

STANDARD FORM OF NEW YORK BOARD OF TITLE UNDERWRITERS
Distributed by
THE TITLE GUARANTEE COMPANY

55.00 JUN 25 '70 06692 —188—

RESERVE THIS SPACE FOR USE OF RECORDING OFFICE

Margaretta Ave

100'

78' 11"

100' 10"

1970 JUN 25 PM 1:00

REC. FEE

SST $

RPT $

TAX PAID

9343

Standard N. Y. B. T. U. Form 8002 • 9-70-70M—Bargain and Sale Deed, with Covenant against Grantor's Acts—Individual or Corporation (single sheet)

CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT—THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY.

116.60

THIS INDENTURE, made the 4th day of January, nineteen hundred and seventy three

BETWEEN JOSEPH A. CESTARO, residing at 74 Cambridge Drive, Hicksville, New York, PROVIDENCE VALENZI, residing at 2476 Rugby Street, East Meadow, New York and PETER GALASSO, residing at 79 Wheatley Road, Old Westbury, New York, as tenants in common,

REEL 635 PAGE 108

party of the first part, and

LECO DISTRIBUTORS, INC., a domestic corporation having its principal place of business at 57-05 47th Street, Maspeth, New York

party of the second part,

WITNESSETH, that the party of the first part, in consideration of Ten Dollars and other valuable consideration paid by the party of the second part, does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever,

ALL that certain plot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in ~~the~~ Maspeth, in the Second Ward of the Borough and County of Queens, City and State of New York, bounded and described as follows:

2602/72

BEGINNING at the corner formed by the intersection of the southerly side of Maspeth Avenue, 66 feet wide, with the easterly side of 47th Street, 70 feet wide;
RUNNING THENCE easterly along the southerly side of Maspeth Avenue and along the prolongation easterly thereof, 222.76 feet;
THENCE southwesterly along a line forming an interior angle of 54 degrees 46 minutes 39 seconds with the preceding course, 242.99 feet;
THENCE westerly at right angles to the easterly side of 47th Street, 78.91 feet to the easterly side of 47th Street;
THENCE northerly along the easterly side of 47th Street, 200 feet to the point or place of Beginning.

QUEENS COUNTY 10364
REAL ESTATE TRANSFER TAX
Dept. of Taxation & Finance
JAN 9'73
STATE OF NEW YORK
116.60
P.B. 10320

TOGETHER with all right, title and interest, if any, of the party of the first part in and to any streets and roads abutting the above described premises to the center lines thereof; TOGETHER with the appurtenances and all the estate and rights of the party of the first part in and to said premises; TO HAVE AND TO HOLD the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever.

AND the party of the first part covenants that the party of the first part has not done or suffered anything whereby the said premises have been encumbered in any way whatever, except as aforesaid.
AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.
The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above written.

IN PRESENCE OF:

Joseph A. Cestaro
Providenza Valenzi
Peter Galasso

STATE OF NEW YORK, COUNTY OF QUEENS ss:

On the 4 day of January, 19 73, before me personally came JOSEPH A. CESTARO, PROVIDENCE VALENZI and PETER GALASSO to me known to be the individual s described in and who executed the foregoing instrument, and acknowledged that they executed the same.

[signature]

Clerk

COUNTY 19 73Y

STATE OF NEW YORK, COUNTY OF ss:

On the day of 19, before me personally came to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that executed the same.

REEL 635 PAGE 109

STATE OF NEW YORK, COUNTY OF ss:

On the day of 19, before me personally came to me known, who, being by me duly sworn, did depose and say that he resides at No.

; that he is the of , the corporation described in and which executed the foregoing instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the board of directors of said corporation, and that he signed h name thereto by like order.

STATE OF NEW YORK, COUNTY OF ss:

On the day of 19, before me personally came the subscribing witness to the foregoing instrument, with whom I am personally acquainted, who, being by me duly sworn, did depose and say that he resides at No.

; that he knows to be the individual described in and who executed the foregoing instrument; that he, said subscribing witness, was present and saw execute the same; and that he, said witness, at the same time subscribed h name as witness thereto.

Bargain and Sale Deed
WITH COVENANT AGAINST GRANTOR'S ACTS

TITLE NO. 4-447829

JOSEPH A.CESTARO, PROVIDENCE VALENZI and PETER GALASSO

TO

LECO DISTRIBUTORS, INC.

1117

STANDARD FORM OF NEW YORK BOARD OF TITLE UNDERWRITERS
Distributed by
THE TITLE GUARANTEE COMPANY

SECTION 14
BLOCK 2602
LOT 72
COUNTY OR TOWN QUEENS

59

Recorded At Request of The Title Guarantee Company
RETURN BY MAIL TO:

Joseph P. DoRsa
104-14 Roosevelt Ave
Corona,
N.Y. Zip No. 11368

RESERVE THIS SPACE FOR USE OF RECORDING OFFICE

1973 JAN -3 PM 1 06

JAN-9-73 03527

OFFICE OF CITY REGISTER
Queens County
RECORDED
Witness my hand
and official seal

Victor M. Rivera

REG. FEE 4.00
60
1165
SRT $
RPT # 519
TAX PAID

RECORDED AT REQUEST OF
SECURITY TITLE & GUARANTY COMPANY
90-25 161 St.
Jamaica, N. Y. 11432

REEL 3509 PG 0982

T 693 Standard N.Y.B.T.U. Form 8004 • Quitclaim Deed
Individual or Corporation (single sheet)

JULIUS BLUMBERG, INC., LAW BLANK PUBLISHERS

CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT—THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY.

THIS INDENTURE, made the 23rd day of October, nineteen hundred and ninety-two

BETWEEN PETER GALASSO residing at 79 Wheatley Road, Old Westbury, New York

party of the first part, and

NANCY GALASSO residing at 79 Wheatley Road, Old Westbury, New York

party of the second part,

WITNESSETH, that the party of the first part, in consideration of ten dollars paid by the party of the second part, does hereby remise, release and quitclaim unto the party of the second part, the heirs or successors and assigns of the party of the second part forever, all of his right, title and interest in

ALL that certain plot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the Borough and County of Queens, City and State of New York, bounded and described as follows:

BEGINNING at a point on the easterly side of 47th Street, 70 feet wide, distant 200 feet southerly from the corner formed by the intersection of the easterly side of 47th Street with the southerly side of 58th Road, formerly known as Maspeth Avenue, 66 feet wide;

RUNNING THENCE easterly at right angles to the easterly side of 47th Street, 78.91 feet to a point;

RUNNING THENCE southwesterly along a line forming an angle on the southwest with the last mentioned course of 76 degrees, 45 minutes, 31 seconds 89.24 feet to a point;

RUNNING THENCE again southwesterly along a line forming an angle on the northwest with the last mentioned course of 157 degrees, 27 minutes, 25 seconds 86.06 feet to a point;

RUNNING THENCE westerly at right angles to the easterly side of 47th Street 19.60 feet to the easterly side of 47th Street;

RUNNING THENCE northerly along the easterly side of 47th Street 108.01 feet to the point or place of BEGINNING.

TOGETHER with all right, title and interest, if any, of the party of the first part in and to any streets and roads abutting the above described premises to the center lines thereof; TOGETHER with the appurtenances and all the estate and rights of the party of the first part in and to said premises; TO HAVE AND TO HOLD the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever.

AND the party of the first part, in compliance with Section 13 of the Lien Law, hereby covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.

The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above written.

IN PRESENCE OF:

Peter Galasso

Peter Galasso

REEL 3509PG0983

STATE OF NEW YORK, COUNTY OF Nassau ss:

On the 23rd day of October 19 92 before me personally came PETER GALASSO

to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that he executed the same.

Dorothy A. Caputo

DOROTHY F. CAPUTO
NOTARY PUBLIC, State of New York
No 4741846
Qualified in Suffolk County
Commission Expires Mar 30, 1994

STATE OF NEW YORK, COUNTY OF ss:

On the day of 19 , before me personally came

to me known, who, being by me duly sworn, did depose and say that he resides at No.

;

that he is the

of

, the corporation described in and which executed the foregoing instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the board of directors of said corporation, and that he signed h name thereto by like order.

STATE OF NEW YORK, COUNTY OF ss:

On the day of 19 , before me personally came

to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that executed the same.

02-22-93	A-03	DEED	826672
	PAID	DEED	$19.00
02-22-93	A-03	GNAFF	826673
	PAID	GNAFF	$1.00

STATE OF NEW YORK, COUNTY OF ss:

On the day of 19 , before me personally came

the subscribing witness to the foregoing instrument, with whom I am personally acquainted, who, being by me duly sworn, did depose and say that he resides at No.

;

that he knows

to be the individual described in and who executed the foregoing instrument; that he, said subscribing witness, was present and saw execute the same; and that he, said witness, at the same time subscribed h name as witness thereto.

Quitclaim Deed

With Covenant Against Grantor's Acts

TITLE No. AMC 1248

SECTION 14
BLOCK 2602
LOT 68
COUNTY OR TOWN Queens

LOC. MAP
BY TAX MAP

PETER GALASSO

TO

NANCY GALASSO

11580

RETURN BY MAIL TO:

Nancy Galasso
79 Wheatley Road
Old Westbury, New York 11568

Zip No.

Reserve this space for use of Recording Office.

1993 FEB 22 A 9:59

RECEIVED
$ REAL ESTATE
FEB 22 1993
TRANSFER TAX
QUEENS
COUNTY
469600

4-19

EST #0

#825

4-1

REEL 4175 PG 0923

TS-75109

SO IN
ORIGINAL

AGREEMENT FOR THE ASSIGNMENT OF LEASES

THIS AGREEMENT, made as of the 17th day of May, 1995, between ISLAND TRANSPORTATION CORPORATION, a New York corporation, having an office at 299 Edison Avenue, West Babylon, New York 11704 ("Mortgagor") and APPLE BANK FOR SAVINGS, a New York stock-form savings Bank, having an address at 277 Park Avenue, New York, New York 10172 ("Mortgagee").

W I T N E S S E T H:

WHEREAS, Mortgagor is the fee owner of that certain plot and parcel of land with the buildings and improvements erected thereon situate, lying and being at 57-00 47th Street, Maspeth, New York, bounded and described on **Schedule A** attached hereto and made a part hereof (the "Mortgaged Premises"); and

Block 2601 Lot 6

WHEREAS, Mortgagor has applied to Mortgagee for a mortgage loan in the principal amount of $3,240,500.00 to be evidenced by those certain notes referred to and collectively defined as the "Note" in that certain Modification and Extension Agreement (the "Agreement"), to be made between Mortgagor and Mortgagee and dated of even date herewith, which Agreement is intended to be recorded in the Office of the City Register of the County of New York simultaneously herewith and which Agreement will modify said notes (said notes as so consolidated, modified and extended being hereafter collectively referred to as the "Note"); and

WHEREAS, the payment of the Note is to be secured by those certain mortgages referred to and collectively defined as the "Mortgage" in said Agreement which Agreement will modify, restate and extend said mortgages (said mortgages as so modified, restated and extended being hereinafter referred to as the "Mortgage"); said mortgage loan as evidenced by the Note and secured by the Mortgage and other collateral being hereinafter referred to as the "Mortgage Loan" and the Agreement, Note, Mortgage and any and all other documents or instruments delivered in connection with the Mortgage Loan being hereinafter collectively referred to as the "Loan Documents" or "Loan Document" where reference is to only one; and

WHEREAS, Mortgagee is unwilling to make the Mortgage Loan unless, among other things, this Assignment is entered into between Mortgagor and Mortgagee,

Premises: 57-00 47th St. Maspeth, NY

NOW, THEREFORE, in order to induce Mortgagee to make the Mortgage Loan, and any and all extensions and renewals thereof, Mortgagor and Mortgagee do hereby agree as follows:

1. Mortgagor hereby assigns, transfers and sets over unto Mortgagee, as collateral security as hereinafter provided:

All of the right, title and interest of Mortgagor in and to all leases covering or affecting all or any part of the Mortgaged Premises;

Together with all other leases now or hereafter made covering the Mortgaged Premises or any portion thereof, the assignment of other present and future leases being effective without further or supplemental assignments.

The leases described above and all other present and future leases are hereinafter collectively referred to as the "Lease".

Together with all rent, income and profits arising from the Lease and renewals thereof and together with all rents, income and profits for the use and occupation of the Mortgaged Premises, the right to demand, collect and receive all rentals, additional rents and all moneys due and which may become due or payable to Mortgagor under the Lease or for or by reason of the Mortgaged Premises, whether as rentals or additional rents or the proceeds of insurance, condemnation awards, claims in bankruptcy or otherwise howsoever;

TO HAVE AND TO HOLD the same unto Mortgagee, as collateral security, as herein provided;

HEREBY GIVING AND GRANTING unto Mortgagee, on demand, full power and authority to enter upon and take possession of the Mortgaged Premises and to demand, collect and receive the rents, issues and profits from the Mortgaged Premises and all other moneys as above provided, due or which may become due and payable. Mortgagee hereby waives the right to enter upon the Mortgaged Premises for the purpose of collecting said rents, issues and profits and to collect and receive the rents, issues and profits from the Mortgaged Premises until such time as Mortgagor shall be in default under the Agreement and the same has not been cured within the applicable period provided in the Agreement, if any (an "Event of Default").

This Assignment is given to secure the payment of the principal of and interest on the Mortgage Loan and all other sums which may become due and payable to Mortgagee under any provision of the Loan Documents, and to secure the performance and

discharge of each and every obligation, covenant and agreement of Mortgagor herein and in any of the Loan Documents contained.

Mortgagee shall apply, or cause to be applied, the rentals, additional rents and other moneys received by it hereunder to the payment of any sums then due and payable to Mortgagee under any of the Loan Documents or this Assignment.

Upon payment in full of the Mortgage Loan, and all other sums which may become due and payable to Mortgagee under any provision of the Loan Documents, this Assignment and all rights and powers herein conveyed or granted to Mortgagee shall cease, except that Mortgagor shall remain liable to Mortgagee upon all undertakings and indemnity and other agreements herein or in any of the Loan Documents contained for all losses, liabilities and expenses, including attorneys' fees and disbursements, which Mortgagee may have incurred or sustained prior to such reversion under or pursuant to this Assignment or any of the Loan Documents or the exercise of any right, power or remedy hereunder or thereunder and for which Mortgagor was liable under the Loan Documents. Upon such payments Mortgagee will deliver to Mortgagor on request therefor a cancellation of this Assignment in recordable form.

2. Mortgagor represents, warrants and covenants that:

(i) Mortgagor is the sole owner of the entire lessor's interest in the Lease; that the Lease is valid and legally binding upon the Mortgagor, is in full force and effect and is enforceable in accordance with its terms; that no rent reserved in the Lease has been assigned or anticipated and no rent for any period in excess of one month subsequent to the date of this Assignment has been collected in advance of the time when the same became due under the terms of the Lease;

(ii) except for this Assignment, Mortgagor has not sold, assigned, transferred, mortgaged, pledged or otherwise encumbered any of the rents, issues and profits payable or receivable under the Lease or otherwise in respect of the Mortgaged Premises. Mortgagor has good right and lawful authority to assign the rents, issues and profits of the Mortgaged Premises and the property, estate, rights and interests hereby assigned and conveyed to Mortgagee and the rights, powers and remedies herein granted to Mortgagee and that Mortgagor will maintain and preserve this Assignment as a first and prior charge and lien upon the rents, issues and profits of the Mortgaged Premises and the property, estate, rights and interests hereby

assigned, conveyed and granted to Mortgagee, and will further not sell, assign, mortgage, pledge, or otherwise encumber any of such rents, issues or profits; and

(iii) this Assignment is and will continue to be valid and legally binding as a present assignment enforceable in accordance with its terms.

3. Mortgagor shall duly perform and comply with all covenants, conditions and provisions of the Lease on the part of the landlord to be performed and complied with. Mortgagor covenants, without the prior consent of Mortgagee, not to terminate, modify or accept a surrender of any Lease, except in the event of a default by a tenant.

4. Mortgagor shall furnish to Mortgagee promptly, on Mortgagee's written request, such information, reports, financial statements, certificates and other papers relating to the operation of the Mortgaged Premises as Mortgagee may, in the exercise of Mortgagee's discretion, deem proper in the protection of its interests.

5. The execution and delivery of this Assignment, having been made only as collateral security, shall not in any way impair or diminish or affect the duties and obligations and liabilities of Mortgagor, as landlord under the Lease, and Mortgagee shall have no duty or liability or responsibility for the control, care, management or operation of the Mortgaged Premises and Mortgagee has not assumed and shall not be liable for the performance of any of the covenants, conditions and provisions of the Lease.

6. Mortgagee may take or release other security or may release any party primarily or secondarily liable for any indebtedness secured hereby, may grant extensions, renewals or indulgences with respect to such indebtedness, or may increase or otherwise deal in or with such indebtedness in such manner as Mortgagee may deem fit and no action taken or omitted by Mortgagee shall be deemed to prejudice the estate, right, title or interest in the Lease or any rights, powers or remedies in respect thereof granted or conveyed to Mortgagee hereunder. Nothing herein contained and no act done or omitted by Mortgagee hereunder or pursuant hereto or under or pursuant to any of the Loan Documents shall be deemed to be a waiver or discharge of Mortgagee's rights, powers and remedies, together with all other rights and remedies possessed at any time by Mortgagee by law or in equity, which shall be possessed and may be exercised by Mortgagee at any time or from time to time as separate and concurrent and continuing rights, powers and remedies until the

payment in full of all indebtedness and liabilities secured hereby.

7. Mortgagor will appear in and defend any action or proceeding arising under, growing out of or in any manner connected with the Lease or the obligations, duties and liabilities of Mortgagor thereunder or the control, care, management or operation of the Mortgaged Premises and will pay all costs, losses, liabilities and expenses of Mortgagee, including attorneys' fees and disbursements, incurred or sustained in any action or proceeding or in preparation therefor in which Mortgagee may be involved.

8. This Assignment applies to, shall inure to the benefit of and shall bind all parties hereto and their successors in interest and permitted assigns.

9. Mortgagee is hereby irrevocably and exclusively (with, however, full power of delegation) empowered and authorized, as attorney-in-fact for Mortgagor and/or as such Mortgagee, in the name of Mortgagor or Mortgagee or otherwise as Mortgagee may determine in each case, to execute, make, serve and file notices, demands, requests and other instruments and to exercise such powers, rights and remedies as Mortgagor may have the right or obligation to execute, make, serve, file and exercise under the Lease or under applicable law in respect of the Mortgaged Premises or of proceeds of insurance or of proceedings or awards in condemnation, or in respect of the default or the enforcement of the rights, powers or remedies of Mortgagor based upon or following default by the tenant under the Lease. It is agreed that the agency hereby established is one coupled with an interest. Mortgagee hereby waives the authority to act as attorney-in-fact under this paragraph 9 until such time as an Event of Default shall have occurred.

10. After the occurrence of an Event of Default and after demand by Mortgagee, Mortgagor will expressly and irrevocably order and direct each tenant under the Lease to remit directly to Mortgagee at the address above written, or to such other address as the Mortgagee may designate in such notice and demand or such other address as Mortgagee may from time to time thereafter in writing designate, all rentals, additional rents and other moneys due or which may become due or payable thereafter under the Lease or otherwise with respect to the Mortgaged Premises.

11. It is agreed that Mortgagee is not a trustee or fiduciary for Mortgagor and owes no duty or obligation of any nature to Mortgagor and shall not be liable to Mortgagor in any manner except for the misapplication of moneys actually received

by Mortgagee. Mortgagee has no duty or obligation to Mortgagor to collect any moneys assigned hereunder or to exercise any right, power or remedy provided hereunder or in any of the Loan Documents or provided by applicable law. Mortgagee shall be fully protected in any action taken or done or omitted to be taken or done by it in good faith in the exercise of its judgment or in reliance upon the advice of its attorneys. Mortgagor hereby agrees to indemnify, defend and hold Mortgagee harmless of and from any and all liability, loss, damage or expense, including attorneys' fees and disbursements, which it may incur or sustain under or by reason of the Lease or under or by reason of this Assignment or the exercise of any right, power or remedy of any nature or anything done or omitted to be done by Mortgagee under or pursuant to or based upon or in anywise arising upon, from or out of the transactions related in any way to the Lease, this Assignment, any of the Loan Documents and of and from all claims, demands, actions and proceedings whatsoever which may be asserted or brought against Mortgagee by reason of any alleged obligations or undertakings on its part to perform or discharge any of the terms, covenants or agreements contained in the Lease or to perform or discharge any duty imposed by applicable law in respect of the Mortgaged Premises or by reason of any alleged breach of any such obligations or undertakings or duty and any such liability, loss, damage or expense, including attorneys' fees and disbursements, so paid, incurred or sustained shall be secured hereby.

12. Nothing contained in this Assignment and no act done or omitted by Mortgagee pursuant to the powers and rights granted it hereunder shall be deemed to be a waiver by Mortgagee of its rights and remedies under the Mortgage or the Agreement, and this Assignment is made and accepted without prejudice to any of the rights and remedies possessed by Mortgagee under the terms thereof. The right of Mortgagee to collect said principal sum, interest and indebtedness and to enforce any other security therefor held by it may be exercised by Mortgagee either prior to, simultaneously with, or subsequent to any action taken by it hereunder.

13. The rights and remedies of Mortgagee hereunder may be exercised at the election of Mortgagee with or without action brought to foreclose the Mortgage or application for a receiver of rents. In case of foreclosure and the appointment of a receiver of rents, the rights and remedies contained herein shall inure to the benefit of such receiver.

14. Mortgagor, in compliance with Section 13 of the Lien Law, covenants that it will receive the advances secured by the Mortgage and will hold the right to receive such advances as a trust fund to be applied first for the purpose of paying the

cost of improvement before using any part of the total of the same for any other purpose.

15. Mortgagor agrees that Mortgagor shall not accept without the prior written consent of Mortgagee any payment of rent or additional rent more than one month before the same is due.

16. Neither this Assignment nor any provision hereof may be changed, waived, discharged or terminated orally, but only by a statement in writing signed by each party against which enforcement of the change, waiver, discharge or termination is sought.

THIS ASSIGNMENT, together with the covenants and warranties therein contained, shall inure to the benefit of Mortgagee and any subsequent holder of the Mortgage and shall be binding upon the assignor, his heirs, executors, administrators, successors and assigns and any subsequent owner of the Mortgaged Premises.

IN WITNESS WHEREOF, Mortgagor has duly signed, sealed and delivered, and Mortgagee has accepted, this Assignment in the State of New York on the day and year first above written.

ISLAND TRANSPORTATION CORPORATION

By: _____
Name: Peter Fioretti, Jr.
Title: President

APPLE BANK FOR SAVINGS

By: _____
Name: CYNTHIA WANG
Title: VICE PRESIDENT

STATE OF NEW YORK)
: ss.:
COUNTY OF NEW YORK)

On the 17th day of May, 1995, before me personally came CYNTHIA WANG, to me known who, being by me duly sworn, did depose and say that he resides at 277 PARK AVE. NEW YORK, NY 10172; that she is the Vice President of APPLE BANK FOR SAVINGS, the corporation described in and which executed the foregoing instrument; and that he signed his name thereto by order of the board of directors of said corporation.

Notary Public

PETER C. NEGER
Notary Public, State of New York
No. 02NE4766927
Qualified in New York County
Commission Expires January 31, 1997

STATE OF NEW YORK)
: ss.:
COUNTY OF NEW YORK)

On the 17th day of May, 1995 before me personally came Peter Fioretti, Jr., to me known, who being by me duly sworn, did depose and say that he resides at 5 Fox Hunt Court, Huntington, New York 11743; that he is the President of ISLAND TRANSPORTATION CORPORATION, the corporation described in and which executed the foregoing certificate; and that he signed his name thereto by order of the board of directors of said corporation.

Notary Public

LAWRENCE R PRIOLA
NOTARY PUBLIC, State of New York
No. 4841047
Qualified in Suffolk County
Commission Expires March 30, 1997

SCHEDULE A

All that certain plot, piece or parcel of land with the buildings and improvements thereon erected, situate, lying and being in the Second Ward, Borough and County of Queens, City and State of New York, bounded and described as follows:

BEGINNING at a point on the westerly side of 47th Street as laid out, 70 feet wide, distant 705.85 feet north of the corner formed by the intersection of said westerly side of 47th Street with the present northerly side of Grand Avenue as laid out, 80 feet wide;

RUNNING THENCE Northerly from the point of beginning and along the said westerly side of 47th Street, a distance 440 feet;

THENCE Westerly along a line forming an interior angle of 91 degrees 04 minutes 06 seconds wit the preceding course, a distance of 195.27 feet to the U.S. Pier and Bulkhead line extending along the easterly side of New Town Creek and approved by the Secretary of War, January 21, 1920, as shown on Alteration Map No. 890 on the Final Maps of the City of New York for the Borough of Queens:

THENCE Southerly along said Pier and Bulkhead line forming an interior angle of 109 degrees 29 minutes 19 seconds with the preceding course, a distance of 269.10 feet to angle point in the said Pier and Bulkhead line;

THENCE Southerly along the Pierhead and Bulkhead line and along a line forming an interior angle of 160 degrees 42 minutes 52 seconds with the preceding course, a distance of 191.72 feet;

THENCE Easterly on a line forming an interior angle of 88 degrees 43 minutes 43 seconds with the preceding course and being also at right angles to the aforementioned westerly side of 47th Street, a distance of 293.98 feet to the point of beginning on the westerly side of 47th Street.

REEL U 1 75 PG 0 9 3 2

AGREEMENT FOR THE ASSIGNMENT OF LEASES

between

Island Transportation Corporation

and

Apple Bank for Savings

Section:
Block: **2601**
Lot: **6**
Premises: **57-00 47th Street**
Maspeth, New York

Record and Return to:

Richards & O'Neil, LLP
885 Third Avenue
New York, New York 10022

Attention: Kenneth L. Sankin, Esq.

REEL 4175 PG 0933

CITY REGISTER RECORDING AND ENDORSEMENT PAGE

- QUEENS COUNTY -

(This page forms part of the instrument)

Block(s) 2601

Lot(s) 6

57-00 47th Street

Record & Return to: Richards & O'Neil 885 Third Ave N.Y. N.Y. 10022 Attn: Kenneth Sankin Esq

Title/Agent Company name: Titleserv, Inc

Title Company number: TS-75109.

OFFICE USE ONLY - DO NOT WRITE BELOW THIS LINE

THE FOREGOING INSTRUMENT WAS ENDORSED FOR THE RECORD AS FOLLOWS:

Examined by (✓): /

Mtge Tax Serial No.

Mtge Amount $

Taxable Amount $

Exemption (✓) YES ☐ NO ☐

Type: CIRCLE ONE [339EE] [255] [OTHER ____]

Dwelling Type: CIRCLE ONE [1 to 2] [3] [4 to 6] [OVER 6]

TAX RECEIVED ON ABOVE MORTGAGE ▼

County (basic)	$
City (Addt'l)	$
Spec Addt'l	$
TASF	$
MTA	$
NYCTA	$
TOTAL TAX	$

Apportionment Mortgage (✓) YES ☐ NO ☐

Joy A. Bobrow, City Register

City Register Serial Number ➡ 049556

Indexed By (✓): ____ Verified By (✓): ____

Block(s) and Lot(s) verified by (✓):

Address ✓ ☐ Tax Map ☐

Extra Block(s) ____ Lot(s) ____

Recording Fee E	$ 37
Affidavit Fee (C)	$
TP-584/582 Fee (Y)	$
RPTT Fee (R)	$

HPD-A ☐ HPD-C ☐

New York State Real Estate Transfer Tax ▼

$

Serial Number ➡

New York City Real Property Transfer Tax Serial Number ➡

New York State Gains Tax Serial Number ➡

$8.00 MTGAFF 044604

$37.00 D-MTGE 044603

RECORDED IN QUEENS COUNTY
OFFICE OF THE CITY REGISTER

1995 AUG 17 P 1:55

Witness My Hand and Official Seal

J. A. Bobrow
City Register

CRGFM890.BPG 1/93

45-H-004

§ 201

Standard N.Y.B.T.U. Form 2007
Bargain & sale deed, with covenant against grantor's acts—Ind. or Corp.

JULIUS BLUMBERG, INC., LAW BLANK PUBLISHERS

CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT – THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY

THIS INDENTURE, made the 30th day of April , nineteen hundred and ninety eight

BETWEEN

ISLAND TRANSPORTATION CORPORATION, with an office at 299 Edison Avenue, West Babylon, New York 11704

REEL 4917 PG 1526

SO TO ORIGINAL

party of the first part, and

57-00 MASPETH AVENUE, LLC, c/o Crocco & DeMaio, 241 E. 49th Street, New York, New York 10017

party of the second part,

WITNESSETH, that the party of the first part, in consideration of TWO MILLION THREE HUNDRED THOUSAND AND 00/100 ($2,300,000.00)---------- dollars, lawful money of the United States, paid by the party of the second part, does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever,

ALL that certain plot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the Maspeth in the Second Ward, Borough and County of Queens, City and State of New York, bounded and described as follows:

BEGINNING at a point on the westerly side of 47th Street as laid out, 70 feet wide, distant 705.85 feet north of the corner formed by the intersection of the said westerly side of 47th Street with the present northerly side of Grand Avenue as laid out, 80 feet wide;

RUNNING THENCE northerly from the point of beginning and along the said westerly side of 47th Street, a distance of 440 feet;

THENCE westerly along a line forming an interior angle of 91 degrees 04 minutes 06 seconds with the preceeding course, a distance of 195.27 feet to the U.S. Pier and Bulkhead line extending along the easterly side of New Town Creek and approved by the Secretary of War January 21, 1920, as shown on Alteration Map No. 890 to the Final Maps of the City of New York for the Borough of Queens;

THENCE southerly along said Pier and Bulkhead Line forming interior angle of 109 degrees 29 minutes 19 seconds with the preceeding course, a distance of 269.10 feet to an angle point in the said Pier and Bulkhead line;

THENCE Southerly along the said Pierhead and Bulkhead line along a line forming an interior angle of 160 degrees 42 minutes 52 seconds with the preceeding course, a distance of 191.72 feet;

THENCE easterly on a line forming an interior angle of 88 degrees 43 minutes 43 seconds with the preceeding course and being also at right angles to the aforementioned westerly side of 47th Street, a distance of 293.98 feet to the point of beginning on the westerly side of 47th Street.

SAID premises being known as 57-00 47th Street, Maspeth, New York.

BEING AND INTENDED TO BE the same premises conveyed to the party of the first part by Deed dated 9/7/85 from Peter Galasso and recorded in the Queens County Clerk's Office on 10/3/85 in Reel 1933, Page 1750.

TAX MAP DESIGNATION

Block 2601
Lot 6
QUEENS CO.
Section 14

This conveyance has been made with the unanimous consent in writing of all the stockholders of the Grantor.

REEL 917 PG 1528

TOGETHER with all right, title and interest, if any, of the party of the first part in and to any streets and roads abutting the above described premises to the center lines thereof,

TOGETHER with the appurtenances and all the estate and rights of the party of the first part in and to said premises,

TO HAVE AND TO HOLD the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever.

AND the party of the first part covenants that the party of the first part has not done or suffered anything whereby the said premises have been incumbered in any way whatever, except as aforesaid.

AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.

The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above written.

IN PRESENCE OF:

ISLAND TRANSPORTATION CORPORATION

X _____

PETER FIORETTI, JR.

STATE OF NEW YORK, COUNTY OF ss:

On the day of 19 , before me personally came

to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that executed the same.

STATE OF NEW YORK, COUNTY OF ss:

On the day of 19 , before me personally came

to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that executed the same.

STATE OF NEW YORK, COUNTY OF NASSAU ss:

On the 30th day of March 19 98, before me personally came PETER FIORETTI, JR.
to me known, who, being by me duly sworn, did depose and say that he resides at No. 5 Fox Hunt Court, Huntington, NY 11743 ; that he is the President of ISLAND TRANSPORTATION CORPORATION, the corporation described in and which executed the foregoing instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the board of directors of said corporation, and that he signed his name thereto by like order.

REEL 4917 PG 1528-A

JEAN M. BACKEL
Notary Public, State of New York
No. 30-4880356
Qualified in Nassau County
Commission Expires 1/15/98

SO IN ORIGINAL

Notary Public

STATE OF NEW YORK, COUNTY OF ss:

On the day of 19 , before me personally came
the subscribing witness to the foregoing instrument, with whom I am personally acquainted, who, being by me duly sworn, did depose and say that he resides at No. ;

that he knows

to be the individual described in and who executed the foregoing instrument; that he, said subscribing witness, was present and saw execute the same; and that he, said witness, at the same time subscribed h name as witness thereto.

Bargain and Sale Deed
WITH COVENANT AGAINST GRANTOR'S ACTS

TITLE No. SA-2007-G/98

ISLAND TRANSPORTATION CORPORATION

TO
57-00 MASPETH AVENUE CORP.

SECTION 14
BLOCK 2601
LOT 6
COUNTY OR TOWN Queens

RETURN BY MAIL TO:

CROCCO & DeMAIO, P.C.
98 CUTTER MILL ROAD
GREAT NECK, NY 11021

Zip No.

* Reserve this space for use of Recording Office.

CITY REGISTER RECORDING AND ENDORSEMENT PAGE
- QUEENS COUNTY -

(This page forms part of the instrument)

Block(s) 2601

Lot(s) 6.

Record & Return to: Berkman Ruch ... 777 Zeckendorf Blvd ... 11530

Title/Agent Company name: Title America Agency

Title Company number: TA-2007-6197

OFFICE USE ONLY - DO NOT WRITE BELOW THIS LINE

THE FOREGOING INSTRUMENT WAS ENDORSED FOR THE RECORD AS FOLLOWS:

Examined by (✍): CB

City Register Serial Number ➡ 048183

Indexed By (✍): CB

Verified By (✍): C.B.

Mtge Tax Serial No.

Mtge Amount $

Taxable Amount $

Exemption (✓) YES ☐ NO ☐

Type: [339EE] [255] [OTHER]

Dwelling Type: [1 to 2] [3] [4 to 6] [over 6]

TAX RECEIVED ON ABOVE MORTGAGE

County (basic)	$
City (Addt'l)	$
Spec Addt'l	$
TASF	$
MTA	$
NYCTA	$
TOTAL TAX	$

Apportionment Mortgage (✓) YES ☐ NO ☐

Block(s) and Lot(s) verified by (✓):

Address ☐ Tax Map ☐

Extra Block(s) _____ Lot(s) _____

Recording Fee A	$ 42
Affidavit Fee (C)	$
TP-584/582 Fee (Y)	$
RPTT Fee (R)	$ 25
HPD-A ☐	HPD-C ☐

New York State Real Estate Transfer Tax

$ 9000-

Serial Number ➡ 025312

New York City Real Property Transfer Tax Serial Number ➡ 013291

New York State Gains Tax Serial Number ➡

Joy A. Bobrow, City Register

RECORDED IN QUEENS COUNTY
OFFICE OF THE CITY REGISTER
98 JUL 16 PM 2:06

Witness My Hand and Official Seal

Joy A. Bobrow

City Register

CRGFM89O.BPG 1/93

M 297—Statutory Form F.
Referee's Deed in Foreclosure.

JULIUS BLUMBERG, INC., LAW BLANK PUBLISHERS

This Deed

1400

Made the 14th *day of* January *nineteen hundred*

and eighty-three

Between WILLIAM R. GREENSPAN of
585 Stewart Avenue, Garden City, New York *Referee*

duly appointed in the action hereinafter mentioned, Grantor

REEL 1499 PAGE 425

And

LAURENT ASSOCIATES, INC., as to a 20.83% interest;
ANDREW LIBASCI, as to a 20.84% interest;
HERE REALTY INC., as to a 33-1/3% interest;
EDWARD N. SLADE, as to a 25% interest;
all of the above as tenants in common, c/o Joel Paul Berger,
42-08 Bell Boulevard, Bayside, New York

Witnesseth, *that the Grantor, the Referee appointed in an action between*

MASPETH FEDERAL SAVINGS AND LOAN ASSOCIATION

plaintiff,

and

LECO DISTRIBUTORS, INC., et al.,

defendants,

foreclosing a mortgage recorded on the 9th *day of* January *nineteen hundred*

and seventy-three *in the office of the* Register *of the County of*

Queens on Reel 635 ~~xxxxxxx~~ *of mortgages,*

at page 110 *, in pursuance of a judgment entered at a special term of the* Supreme Court, State of New York, County of Queens

on the 8th *day of* October *nineteen hundred and* eighty-two

and in consideration of

ONE HUNDRED FORTY AND NO/100 ($140,000.00) ------- *Dollars paid by the Grantee,*

being the highest sum bid at the sale under said judgment does hereby grant and convey unto the Grantee, all the right, title and interest of the defendants its successors or assigns

in and to

All that certain plot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the Borough and County of Queens, City and State of New York, bounded and described as follows:

BEGINNING at the corner formed by the intersection of the southerly side of Maspeth Avenue, 66 feet wide, with the easterly side of 47th Street, 70 feet wide;

RUNNING THENCE easterly along the southerly side of Maspeth Avenue and along the prolongation easterly thereof, 222.76 feet;

THENCE southwesterly along a line forming an interior angle of 54 degrees, 46 minutes, 39 seconds with the preceding course, 242.99 feet;

THENCE westerly at right angles to the easterly side of 47th Street, 78.91 feet to the easterly side of 47th Street;

THENCE northerly along the easterly side of 47th Street, 200 feet to the point or place of beginning.

SAID PREMISES being known as and by the street number 57-05 47th Street, Maspeth, New York

REEL 1499 PAGE 427

To have and to hold *the premises herein granted unto the Grantee*

its successors *and assigns forever.*

Whenever the text hereof requires, the singular number as used herein shall include the plural and all genders.

In Witness Whereof, *the Grantor has hereunto set his hand and seal, the date first above written.*

Referee L. S.

In Presence of:

STATE OF NEW YORK
COUNTY OF QUEENS } *ss.:*

On the 14th *day of* January *nineteen hundred and* eighty-three *before me came*

WILLIAM R. GREENSPAN

Referee

to me known and known to me to be the individual described in, and who executed, the foregoing instrument and acknowledged to me that he executed the same.

LEONARD MASONE
Notary Public, State of New York
No. 41-2573615
Qualified in Queens County

2605-4602 BC

Deed

REFEREE'S DEED IN FORECLOSURE

WILLIAM R. GREENSPAN, Referee

3945 TO

LAURENT ASSOCIATES, INC.; ANDREW LIBASCI; HERE REALTY INC. and EDWARD N. SLADE

Dated, January 14, 1983

STATE OF NEW YORK
Queens County

RECORDED ON THE ..... day of ..... 19..... at ..... o'clock ..... M. in Liber ..... of Deeds at Page ..... and examined

BL 2602 Pg 73

CLERK

PLEASE RECORD AND RETURN TO:

JOEL PAUL BERGER, ESQ.
42-08 Bell Blvd.
Bayside, New York 11361

NORTH SHORE ABSTRACT LTD
277 NORTHERN BLVD.
P.O. BOX 385
GREAT NECK, NY 11021

REEL 1499 PAGE 428

1983 FEB -1 AM 10 52

RECEIVED $ 2520 REAL ESTATE

0476 FEB 1 1983 TRANSFER TAX QUEENS COUNTY

REC. FEE

TAX PAID

T # 1620

LOC. VER.

OFFICE OF CITY REGISTER
Queens County
RECORDED
Witness my hand
and official seal

George J. Rieck

CITY REGISTER

REEL 5885 PG 0953

(A)

CITY REGISTER RECORDING AND ENDORSEMENT PAGE

COUNTY OF ▶ Queens

THIS PAGE FORMS PART OF THE INSTRUMENT

TOTAL NUMBER OF PAGES IN DOCUMENT INCLUDING THIS PAGE ▶ 3

Block ▼ 2602 | Lots - ONLY IF ENTIRE LOT ▼ 68 | Partial Lots ▼ P/O

Premises ▼ 52-57 47th Street

Title/Agent Company Name ▼ Home Abstract Corp.

Title Company Number ▼ 326Q09019

RECORD & RETURN TO:

NAME ▼ Burton S. Weston, Esq.

ADDRESS ▼ 80 Cuttermill Rd. Suite 404

CITY ▼ Great Neck | STATE ▼ NY | ZIP ▼ 11021

NAME & ADDRESS

PARTY 1 ▶ Peter Galasso - 79 Wheatley Road, Old Westbury, NY

ADDITIONAL PARTY 1 ▶

PARTY 2 ▶ Nancy Galasso - 79 Wheatley Road, Old Westbury, NY

ADDITIONAL PARTY 2 ▶

FOLD

CHECK THIS BOX IF THERE ARE MORE THAN 2 OF EITHER PARTY ☐

CITY REGISTER'S USE ONLY -- DO NOT WRITE BELOW THIS LINE

CORRECTION

1 of 2

Examined by (✓): ✓

City Register Serial Number ▶ 049635

Mtge Tax Serial No.:

Mtge Amount: $

Taxable Amount: $

Indexed By (✓): MW

Verified By (✓): KV

Exemption (✓): YES ☐ NO ☐

Block(s) and Lot(s) verified by (✓): DJ

Address ☑ Tax Map ☐

Type: [1 3 EE] [2 3 3] [OTHER]

Extra Block(s): Lot(s):

Dwelling Type: [1 to 2] [3] [4 to 6] [over 6]

Recording Fee A $ 30

Affidavit Fee (C) $

RPTT Fee (R) $ 21

HPD-A ☑ HPD-C ☐

TAX RECEIVED ON ABOVE MORTGAGE ▼

County (basic)	$
City (Addt'l)	$
Spec Addt'l	$
TASF	$
MTA	$
NYCTA	$
TOTAL TAX	$

Apportionment Mortgage (✓) YES ☐ NO ☐

New York State Real Estate Transfer Tax ▼

$ 0

Serial Number ▶ 022187

New York City Real Property Transfer Tax Serial Number ▶ 010730

FOLD

RECORDED IN THE OFFICE OF THE CITY REGISTER OF THE CITY OF NEW YORK

2001 MAR 29 A 8:46

CRGFM.BRN.BPG 04/00

25 x

RECORDED 0954

NY 005 Bargain and Sale Deed with Covenant against Grantor's Acts-Individual or Corporation (Single Sheet) (NYRTU 8/00)

CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT - THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY

RPT
-0-
NO
Consideration

(CORRECTION DEED)

THIS INDENTURE, made the 27th day of March, in the year 2001

BETWEEN

PETER GALASSO, residing at 79 Wheatley Road, Old Westbury, New York

TO THE ORIGINAL

party of the first part, and

NANCY GALASSO, residing at 79 Wheatley Road, Old Westbury, New York

party of the second part.

WITNESSETH, that the party of the first part, in consideration of Ten Dollars and other valuable consideration paid by the party of the second part, does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever,

all of his right, title and interest in

ALL that certain plot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the Borough and County of Queens, City and State of New York, bounded and described as follows:

Tax Map Designation

Dist.

Sec.

Blk 2602

Lot(s) 66

BEGINNING at a point on the easterly side of 47th Street, 70 feet wide, distant 200 feet southerly from the corner formed by the intersection of the easterly side of 47th Street with the southerly side of 58th Road, formerly known as Maspeth Avenue, 66 feet wide;

RUNNING THENCE easterly at right angles to the easterly side of 47th Street, 78.91 feet to a point;

RUNNING THENCE southwesterly along a line forming an angle on the southwest with the last mentioned course of 76 degrees, 45 minutes, 31 seconds 39.24 feet to a point;

RUNNING THENCE again southwesterly along a line forming an angle on the northwest with the last mentioned course of 157 degrees, 27 minutes, 25 seconds 86.06 feet to a point;

RUNNING THENCE westerly at right angles to the easterly side of 47th Street 19.60 feet to the easterly side of 47th Street;

RUNNING THENCE northerly along the easterly side of 47th Street 108.01 feet to the point or place of BEGINNING.

This deed is a correction deed from Grantor to Grantee dated October 23, 1992 and recorded on February 23, 1993 in Reel 3509, Page 982, and is being recorded solely to correct an erroneous description.

TOGETHER with all right, title and interest, if any, of the party of the first part of, in and to any streets and roads abutting the above-described premises to the center lines thereof; **TOGETHER** with the appurtenances and all the estate and rights of the party of the first part in and to said premises; **TO HAVE AND TO HOLD** the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever.

AND the party of the first part covenants that the party of the first part has not done or suffered anything whereby the said premises have been incumbered in any way whatever, except as aforesaid.

AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.

The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above written.

IN PRESENCE OF:

Peter Galasso

PETER GALASSO

REEL 5885 PG 0955

(A)

USE ACKNOWLEDGMENT FORM BELOW WITHIN NEW YORK STATE ONLY:

State of New York, County of Nassau } ss.:

On the 22 day of March in the year 2011
before me, the undersigned, personally appeared
Peter Galasso
personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

MAUREEN BORZELL
NOTARY PUBLIC, State of New York
No. 01B04686625
Qualified in Nassau County
Commission Expires Aug. 18, 2012

NOTARY PUBLIC

ACKNOWLEDGMENT FORM FOR USE WITHIN NEW YORK STATE ONLY:
(New York Subscribing Witness Acknowledgment Certificate)

State of New York, County of } ss.:

On the day of in the year
before me, the undersigned, personally appeared

the subscribing witness to the foregoing instrument, with whom I am personally acquainted, who, being by me duly sworn, did depose and say that he/she/they reside(s) in

(if the place of residence is in a city, include the street and street number, if any, thereof); that he/she/they know(s)

to be the individual described in and who executed the foregoing instrument; that said subscribing witness was present and saw said

execute the same; and that said witness at the same time subscribed his/her/their name(s) as a witness thereto.

USE ACKNOWLEDGMENT FORM BELOW WITHIN NEW YORK STATE ONLY

State of New York, County of } ss.:

On the day of in the year
before me, the undersigned, personally appeared

personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

ACKNOWLEDGMENT FORM FOR USE OUTSIDE NEW YORK STATE ONLY:
(Out of State or Foreign General Acknowledgment Certificate)

. . . . . } ss.:
(Complete Venue with State, Country, Province or Municipality)

On the day of in the year
before me, the undersigned, personally appeared

personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument, and that such individual made such appearance before the undersigned in the

(Insert the city or other political subdivision and the state or country or other place the acknowledgment was taken).

BARGAIN & SALE DEED
WITH COVENANTS AGAINST GRANTOR'S ACTS

TITLE NO. 326Q09019

PETER GALASSO

TO
NANCY GALASSO

DISTRICT
SECTION
BLOCK 2602
LOT 68
COUNTY OR TOWN Borough of Queens

RECORDED AT REQUEST OF
Fidelity National Title Insurance Company of New York
RETURN BY MAIL TO

FIDELITY NATIONAL TITLE INSURANCE COMPANY OF NEW YORK
INCORPORATED 1928
"Appreciate the Fidelity Difference"
Member New York State Land Title Associations

RESERVE THIS SPACE FOR USE OF RECORDING OFFICE

REEL 5885 PG 0956

(B)

CITY REGISTER RECORDING AND ENDORSEMENT PAGE

COUNTY OF ► Queens

THIS PAGE FORMS PART OF THE INSTRUMENT

TOTAL NUMBER OF PAGES IN DOCUMENT INCLUDING THIS PAGE ► 25

Block ▼	Lots - ONLY IF ENTIRE LOT ▼	Partial Lots ▼
2602	68	P/O

Premises ▼: 57-57 47th Street

Title/Agent Company Name ▼: Home Abstract Corp.

Title Company Number ▼: 326009019

RECORD & RETURN TO:

NAME ▼: Mitchell Goldberg, Esq.

ADDRESS ▼: 60 East 42nd St Suite 1545

CITY ▼: New York STATE ▼: NY ZIP ▼: 10165

NAME & ADDRESS

PARTY 1 ►: Nancy Calasso - 79 Wheatley Road, Old Westbury, NY

ADDITIONAL PARTY 1 ►:

PARTY 2 ►: 57-57 47th Street Realty Corp - 57-57 47th Street, Maspeth, N.Y.

ADDITIONAL PARTY 2 ►:

FOLD

CHECK THIS BOX IF THERE ARE MORE THAN 2 OF EITHER PARTY ☐

CITY REGISTER'S USE ONLY -- DO NOT WRITE BELOW THIS LINE

2 of 2

Examined by (✓):

City Register Serial Number ► 049636

Indexed By (✓): MW

Verified By (✓): KV

Block(s) and Lot(s) verified by (✓): ☑

Address ☑ Tax Map ☐

Extra Block(s) ____ Lot(s) ____

Mtge Tax Serial No.:

Mtge Amount: $

Taxable Amount: $

Exemption (✓): YES ☐ NO ☐

Type: [339EE] [255] [OTHER]

Dwelling Type: [1 & 2] [3] [4 to 6] [over 6]

TAX RECEIVED ON ABOVE MORTGAGE ▼

County (basic)	$
City (Addt'l)	$
Spec Addt'l	$
TASF	$
MTA	$
NYCTA	$
TOTAL TAX	$

Apportionment Mortgage (✓) YES ☐ NO ☐

Recording Fee A $ 32

Affidavit Fee (C) $

RPTT Fee (R) $ 21

HPD-A ☑ HPD-C ☐

New York State Real Estate Transfer Tax ▼

$ 140

Serial Number ► 022188

New York City Real Property Transfer Tax Serial Number ► 010731

FOLD

RECORDED IN THE OFFICE OF THE CITY REGISTER OF THE CITY OF NEW YORK

2001 MAY 24 A 8:46

CRFPMSN.BPG 04/00

25×

REEL 5885 PG 0956

(B)

CITY REGISTER RECORDING AND ENDORSEMENT PAGE

COUNTY OF ► Queens

THIS PAGE FORMS PART OF THE INSTRUMENT

TOTAL NUMBER OF PAGES IN DOCUMENT INCLUDING THIS PAGE ► 3

Block ▼	Lots - ONLY IF ENTIRE LOT ▼	Partial Lots ▼
2662	68	P/O

Premises ▼: 57-57 47th Street

Title/Agent Company Name ▼: Home Abstract Corp.

Title Company Number ▼: 326009019

RECORD & RETURN TO:

NAME ▼: Mitchell Goldberg, Esq.

ADDRESS ▼: 60 East 42nd St, Suite 1545

CITY ▼: New York STATE ▼: NY ZIP ▼: 10165

NAME & ADDRESS

PARTY 1 ► Nancy Galasso - 79 Wheatley Road, Old Westbury, NY

ADDITIONAL PARTY 1 ►

PARTY 2 ► 57-57 47th Street Realty Corp - 57-57 47th Street, Maspeth, N.Y.

ADDITIONAL PARTY 2 ►

CHECK THIS BOX IF THERE ARE MORE THAN 2 OF EITHER PARTY ☐

FOLD

CITY REGISTER'S USE ONLY - DO NOT WRITE BELOW THIS LINE

Examined by (✓): A

Mtge Tax Serial No.:

Mtge Amount: $

Taxable Amount: $

Exemption (✓): YES ☐ NO ☐

Type: [3355] [255] [OTHER]

Dwelling Type: [1 or 2] [2] [4 to 6] [over 6]

TAX RECEIVED ON ABOVE MORTGAGE ▼

County (basic)	$
City (Addl)	$
Spec Addl	$
TASF	$
MTA	$
NYCTA	$
TOTAL TAX	$

Apportionment Mortgage (✓) YES ☐ NO ☐

City Register Serial Number ► 049636

Indexed By (✓): MW

Verified By (✓): KV

Block(s) and Lot(s) verified by (✓): A

Address ☑ Tax Map ☐

Extra Block(s): Lot(s):

Recording Fee A	$ 32
Affidavit Fee (C)	$
RPTT Fee (R)	$ 31
HPD-A ☑	HPD-C ☐

New York State Real Estate Transfer Tax ▼

$ 140

Serial Number ► 022188

New York City Real Property Transfer Tax Serial Number ► 010731

2/2

FOLD

RECORDED IN THE OFFICE OF THE CITY REGISTER OF THE CITY OF NEW YORK

2001 MAY 24 A 8:46

CRGFNMBN.BPG 04/00

25×

RP5885PG0957

2R16070019 (B)

NY 1098 Bargain and Sale Deed with Covenant against Grantor's Acts. Individual or Corporation (Single Sheet) (NYB LU3002)

CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT - THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY

THIS INDENTURE, made the 27th day of March, in the year 2001

BETWEEN

NANCY GALASSO, residing at 79 Wheatley Road, Old Westbury, New York 11568

party of the first part, and

57-57 47th Street Realty Corp., 57-57 47th Street, Maspeth, New York 11378

party of the second part.

WITNESSETH, that the party of the first part, in consideration of Ten Dollars and other valuable consideration paid by the party of the second part, does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever,

all of his right, title and interest in

ALL that certain plot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the Borough and County of Queens, City and State of New York, bounded and described as follows:

Tax Map Designation

Dist.

Sec.

Blk. 2602

Lot(s) 608

BEGINNING at a point on the easterly side of 47th Street, 70 feet wide, distant 200 feet southerly from the corner formed by the intersection of the easterly side of 47th Street with the southerly side of 58th Road, formerly known as Maspeth Avenue, 66 feet wide;

RUNNING THENCE easterly at right angles to the easterly side of 47th Street, 78.91 feet to a point;

RUNNING THENCE southwesterly along a line forming an angle on the southwest with the last mentioned course of 76 degrees, 45 minutes, 31 seconds 39.24 feet to a point;

RUNNING THENCE again southwesterly along a line forming an angle on the northwest with the last mentioned course of 157 degrees, 27 minutes, 25 seconds 86.06 feet to a point;

RUNNING THENCE westerly at right angles to the easterly side of 47th Street 19.60 feet to the easterly side of 47th Street;

RUNNING THENCE northerly along the easterly side of 47th Street 108.01 feet to the point or place of BEGINNING.

The same being the property conveyed to Grantor under deed dated October 23, 1992 and recorded on February 23, 1993 in Reel 3509, Page 982, which deed was corrected by a Correction Deed from Peter Galasso to Grantee of even date.

TOGETHER with all right, title and interest, if any, of the party of the first part of, in and to any streets and roads abutting the above-described premises to the center lines thereof; **TOGETHER** with the appurtenances and all the estate and rights of the party of the first part in and to said premises; **TO HAVE AND TO HOLD** the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever.

AND the party of the first part covenants that the party of the first part has not done or suffered anything whereby the said premises have been incumbered in any way whatever, except as aforesaid.

AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.

The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above written.

IN PRESENCE OF:

Nancy Galasso

NANCY GALASSO

FILED 5885 PG 0957

2L060019 (B)

NY 105 - Bargain and Sale Deed with Covenant against Grantor's Acts Individual or Corporation (Single Sheet) (NYB TU 8002)

CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT - THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY

M13
+ T
-140

THIS INDENTURE, made the 27th day of March , in the year 2001

BETWEEN

NANCY GALASSO, residing at 79 Wheatley Road, Old Westbury, New York 11568

party of the first part, and all of the officers of

57-57 47th Street Realty Corp., 57-57 47th Street, Maspeth, New York 11378

party of the second part,

WITNESSETH, that the party of the first part, in consideration of Ten Dollars and other valuable consideration paid by the party of the second part, does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever,

all of his right, title and interest in

ALL that certain plot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the Borough and County of Queens, City and State of New York, bounded and described as follows:

Tax Map Designation

Dist.

Sec.

Blk. 2602

Lot(s) 608

BEGINNING at a point on the easterly side of 47th Street, 70 feet wide, distant 200 feet southerly from the corner formed by the intersection of the easterly side of 47th Street with the southerly side of 58th Road, formerly known as Maspeth Avenue, 66 feet wide;

RUNNING THENCE easterly at right angles to the easterly side of 47th Street, 78.91 feet to a point;

RUNNING THENCE southwesterly along a line forming an angle on the southwest with the last mentioned course of 76 degrees, 45 minutes, 31 seconds 39.24 feet to a point;

RUNNING THENCE again southwesterly along a line forming an angle on the northwest with the last mentioned course of 157 degrees, 27 minutes, 25 seconds 86.06 feet to a point;

RUNNING THENCE westerly at right angles to the easterly side of 47th Street 19.60 feet to the easterly side of 47th Street;

RUNNING THENCE northerly along the easterly side of 47th Street 108.01 feet to the point or place of BEGINNING.

The same being the property conveyed to Grantor under deed dated October 23, 1992 and recorded on February 23, 1993 in Reel 3509, Page 982, which deed was corrected by a Correction Deed from Peter Galasso to Grantee of even date.

TOGETHER with all right, title and interest, if any, of the party of the first part of, in and to any streets and roads abutting the above-described premises to the center lines thereof; **TOGETHER** with the appurtenances and all the estate and rights of the party of the first part in and to said premises; **TO HAVE AND TO HOLD** the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever.

AND the party of the first part covenants that the party of the first part has not done or suffered anything whereby the said premises have been incumbered in any way whatever, except as aforesaid.

AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.

The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above written.

IN PRESENCE OF:

Nancy Galasso

NANCY GALASSO

:RP5685 PG0951

2R 6Q9019 (B)

NY 005 Bargain and Sale Deed with Covenant against Grantor's Acts. Individual or Corporation (Single Sheet) (NYBTU 8002)

CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT - THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY

M/S + T -140

THIS INDENTURE, made the 21th day of March , in the year 2001
BETWEEN
NANCY GALASSO, residing at 79 Wheatley Road, Old Westbury, New York 11568

party of the first part, and with an office at
57-57 47th Street Realty Corp., 57-57 47th Street, Maspeth, New York 11378

party of the second part,
WITNESSETH, that the party of the first part, in consideration of Ten Dollars and other valuable consideration paid by the party of the second part, does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever,
all of his right, title and interest in

ALL that certain plot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the Borough and County of Queens, City and State of New York, bounded and described as follows:

Tax Map Designation

Dist.

Sec.

Blk. 2602

Lot(s) 608

BEGINNING at a point on the easterly side of 47th Street, 70 feet wide, distant 200 feet southerly from the corner formed by the intersection of the easterly side of 47th Street with the southerly side of 58th Road, formerly known as Maspeth Avenue, 66 feet wide;

RUNNING THENCE easterly at right angles to the easterly side of 47th Street, 78.91 feet to a point;

RUNNING THENCE southwesterly along a line forming an angle on the southwest with the last mentioned course of 76 degrees, 45 minutes, 31 seconds 39.24 feet to a point;

RUNNING THENCE again southwesterly along a line forming an angle on the northwest with the last mentioned course of 157 degrees, 27 minutes, 25 seconds 86.06 feet to a point;

RUNNING THENCE westerly at right angles to the easterly side of 47th Street 19.60 feet to the easterly side of 47th Street;

RUNNING THENCE northerly along the easterly side of 47th Street 108.01 feet to the point or place of BEGINNING.

The same being the property conveyed to Grantor under deed dated October 23, 1992 and recorded on February 23, 1993 in Reel 3509, Page 982, which deed was corrected by a Correction Deed from Peter Galasso to Grantee of even date.

TOGETHER with all right, title and interest, if any, of the party of the first part of, in and to any streets and roads abutting the above-described premises to the center lines thereof; **TOGETHER** with the appurtenances and all the estate and rights of the party of the first part in and to said premises; **TO HAVE AND TO HOLD** the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever.

AND the party of the first part covenants that the party of the first part has not done or suffered anything whereby the said premises have been incumbered in any way whatever, except as aforesaid.
AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.
The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above written.

IN PRESENCE OF:

Nancy Galasso
NANCY GALASSO

LIBER 5805 PG 0958

(B)

USE ACKNOWLEDGMENT FORM BELOW WITHIN NEW YORK STATE ONLY:

State of New York, County of Nassau } ss.:

On the 27 day of March in the year 2001
before me, the undersigned, personally appeared
Nancy Galasso
personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

MAUREEN BORZELL
NOTARY PUBLIC, State of New York
No. 01BO4838825
Qualified in Nassau County
Commission Expires Aug. 18, 2002

NOTARY PUBLIC

ACKNOWLEDGMENT FORM FOR USE WITHIN NEW YORK STATE ONLY:
(New York Subscribing Witness Acknowledgment Certificate)

State of New York, County of } ss.:

On the day of in the year
before me, the undersigned, personally appeared

the subscribing witness to the foregoing instrument, with whom I am personally acquainted, who, being by me duly sworn, did depose and say that he/she/they reside(s) in

(if the place of residence is in a city, include the street and street number, if any, thereof); that he/she/they know(s)

to be the individual described in and who executed the foregoing instrument; that said subscribing witness was present and saw said

execute the same; and that said witness at the same time subscribed his/her/their name(s) as a witness thereto.

USE ACKNOWLEDGMENT FORM BELOW WITHIN NEW YORK STATE ONLY:

State of New York, County of } ss.:

On the day of in the year
before me, the undersigned, personally appeared

personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

ACKNOWLEDGMENT FORM FOR USE OUTSIDE NEW YORK STATE ONLY:
(Out of State or Foreign General Acknowledgment Certificate)

..... } ss.:
(Complete Venue with State, Country, Province or Municipality)

On the day of in the year
before me, the undersigned, personally appeared

personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), that by his/her/ their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument, and that such individual made such appearance before the undersigned in the

(Insert the city or other political subdivision and the state or country or other place the acknowledgment was taken).

BARGAIN & SALE DEED
WITH COVENANTS AGAINST GRANTOR'S ACTS

TITLE NO. 326B09019

NANCY GALASSO
TO

57-57 47th STREET REALTY

DISTRICT
SECTION
BLOCK 2602
LOT 68
COUNTY OR TOWN Borough of Queens

RECORDED AT REQUEST OF
Fidelity National Title Insurance Company of New York
RETURN BY MAIL TO

FIDELITY NATIONAL TITLE INSURANCE COMPANY OF NEW YORK
INCORPORATED 1928
"Appreciate the Fidelity Difference"
Member New York State Land Title Association

RESERVE THIS SPACE FOR USE OF RECORDING OFFICE

WCB2

PREDTAX 740

Statutory N.Y.B.T.U. Form No. 9 — Bargain and Sale Deed, with Covenant against Grantor's Acts—Individual or Corporation (single sheet)

CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT—THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY.

THIS INDENTURE, made the 9th day of November, nineteen hundred and 83

BETWEEN

LAURENT ASSOCIATES, INC., ANDREW LIBASCI, HERE REALTY, INC. and EDWARD N. SLADE, as tenants-in-common, c/o Joel Paul Berger, 42-08 Bell Blvd., Bayside, N.Y. 11361

party of the first part, and ALFREDO LAMANNA

REEL 1607 PAGE 848

residing at 3 Divine Street, Lynbrook, New York.

party of the second part,

WITNESSETH, that the party of the first part, in consideration of Ten Dollars and other valuable consideration paid by the party of the second part, does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever,

ALL that certain plot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the Borough and County of Queens, City and State of New York, bounded and described as follows:

BEGINNING at the corner formed by the intersection of the southerly side of Maspeth Avenue, 66 feet wide, with the easterly side of 47th Street, 70 feet wide;
RUNNING THENCE easterly along the southerly side of Maspeth Avenue and along the prolongation easterly thereof, 222.70 feet;
THENCE southwesterly along a line forming an interior angle of 54 degrees, 46 minutes, 39 seconds with the preceding course, 241.99 feet;
THENCE westerly at right angles to the easterly side of 47th Street, 78.91 feet to the easterly side of 47th Street;
THENCE northerly along the easterly side of 47th Street, 200 feet to the point or place of BEGINNING.

SAID PREMISES being known as and by the street number 57-05 47th Street, Maspeth, New York.

This conveyance is made in the ordinary course of business with the unanimous consent of all of the stockholders of LAURENT ASSOCIATES, INC.

This conveyance is made in the ordinary course of business with the unanimous consent of all of the stockholders of HERE REALTY INC.

TOGETHER with all right, title and interest, if any, of the party of the first part in and to any streets and roads abutting the above described premises to the center lines thereof; TOGETHER with the appurtenances and all the estate and rights of the party of the first part in and to said premises, TO HAVE AND TO HOLD the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever.

AND the party of the first part covenants that the party of the first part has not done or suffered anything whereby the said premises have been encumbered in any way whatever, except as aforesaid.
AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.
The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above written.

IN PRESENCE OF:

LAURENT ASSOCIATES, INC.

By: _____
Joel Paul Berger, Vice President

_____
Andrew Libasci

_____
Edward N. Slade

HERE REALTY, INC.

By: _____ Vice President

STATE OF NEW YORK, COUNTY OF QUEENS ss:

On the 8 day of November 19 83, before me personally came
ANDREW TIRASCI

to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that he executed the same.

JOEL PAUL BERGER
Notary Public, State of New York
No. 30-5021430
Qualified in Nassau County
Commission Expires March 30, 19[illegible]

Notary Public

TERRY E. BERGER
Notary Public, State of New York
No. 30-4646313
Qualified in Nassau County
Commission Expires March 30, 19[illegible]

STATE OF NEW YORK, COUNTY OF QUEENS ss:

On the 8 day of November 19 83, before me personally came
EDWARD N. SLADE

to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that he executed the same.

JOEL PAUL BERGER
Notary Public, State of New York
No. 30-5021430
Qualified in Nassau County
Commission Expires March 30, 19[illegible]

Notary Public

TERRY E. BERGER
Notary Public, State of New York
No. 30-4646313
Qualified in Nassau County
Commission Expires March 30, 19[illegible]

STATE OF NEW YORK, COUNTY OF QUEENS ss:

On the 9th day of November 19 83, before me personally came JOEL PAUL BERGER
to me known, who, being by me duly sworn, did depose and say that he resides at No.
47-08 Bell Blvd., Bayside, N.Y. 11361
that he is the Vice President
of LAURENT ASSOCIATES, INC.,
the corporation described in and which executed the foregoing instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the board of directors of said corporation, and that he signed h name thereto by like order

ROBERT J. PINN
NOTARY PUBLIC, State of New York
No. 04781022
Qualified in Nassau County
Commission Expires March 30, 19[illegible]

STATE OF NEW YORK, COUNTY OF ss:

On the day of 19, before me personally came
the subscribing witness to the foregoing instrument, with whom I am personally acquainted, who, being by me duly sworn, did depose and say that he resides at No.

that he knows

to be the individual described in and who executed the foregoing instrument; that he, said subscribing witness, was present and saw execute the same; and that he, said witness, at the same time subscribed h name as witness thereto.

STATE OF NEW YORK, COUNTY OF QUEENS ss:

On the 9th day of November, 1983 before me personally came ROBERT EISENOFF to me known, who, being by me duly sworn, did depose and said that he resides at 166-20 Union Tpke., Flushing, N.Y.; that he is the Vice President of BEE REALTY INC., the corporation described in and which executed the foregoing instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the board of directors of said corporation, and that he signed his name thereto by like order.

ROBERT J. PINN
NOTARY PUBLIC, State of New York
No. 04781022
Qualified in Nassau County
Commission Expires March 30, 19[illegible]

Notary Public

Bargain and Sale Deed
WITH COVENANT AGAINST GRANTOR'S ACTS

TITLE NO.

SECTION
BLOCK
LOT
COUNTY OR TOWN

MICA COMPANY, ANDREW TIRASCI, BEE REALTY, INC. and EDWARD N. SLADE, as tenants in common

TO

ACHREN CAMANNA

Recorded At Request of
American Title Insurance Company of New York

RETURN BY MAIL TO

STEVE ROTHBERG
191 NO PARK AVE
ROCKVILLE CENTRE, NY 11571
ATT BOX 691

Zip No.

STANDARD FORM OF NEW YORK BOARD OF TITLE UNDERWRITERS
Distributed by
American Title Insurance Company of New York

4775

AMERICAN TITLE INSURANCE CO.

RESERVE THIS SPACE FOR USE OF RECORDING OFFICE

CITY REGISTER

REAL ESTATE TRANSFER TAX
QUEENS COUNTY
DEC 2 1983

1423 Dec 2 11 32

14[illegible]

Standard N.Y.B.T.U. Form 8009 • 5-78 -3M—Quitclaim Deed—Individual or Corporation

CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT—THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY.

THIS INDENTURE, made the 1st day of May , nineteen hundred and eighty-six

BETWEEN JOHNSON AVENUE REALTY COMPANY, a New York general partnership, c/o Peter Galasso, 57-57 47th Street, Maspeth, Queens, NY;

REEL 2079 PAGE 1970

party of the first part, and Peter Galasso of 57-57 47th Street, Maspeth, Queens, NY;

party of the second part,

WITNESSETH, that the party of the first part, in consideration of Ten

dollars,

lawful money of the United States, paid

by the party of the second part, does hereby remise, release and quitclaim unto the party of the second part,

the heirs or successors and assigns of the party of the second part forever,

ALL that certain plot, piece or parcel of land, with the buildings and improvements thereon erected, situate,

lying and being in the Borough and County of Queens, City and State of New York, and more particularly described on Exhibit "A" annexed hereto and made a part hereof.

TAX MAP DESIGNATION

Dist.

Sec.

Blk.

Lot(s):

MONTROSE SURVEYING CO., INC.
CITY & LAND SURVEYORS
116-20 METROPOLITAN AVE • RICHMOND HILL, N.Y. 11418-1090 • (718) 849-0600

REEL 2070 PAGE 1071

SURVEY NO. 39394
REVISION E

May 1, 1986
FILE: DES/39394.001

All that certain plot, piece, or parcel of land with the buildings and improvements thereon erected, situate, lying and being in the Borough and County of Queens, City and State of New York, bounded and described as follows:

BEGINNING at a point on the easterly side of 47th Street, 70 feet wide, distant 200 feet southerly from the corner formed by the intersection of the easterly side of 47th Street with the southerly side of 58th Road, formerly known as Maspeth Avenue, 66 feet wide;

RUNNING THENCE easterly at right angles to the easterly side of 47th Street 78.91 feet to a point;

RUNNING THENCE southwesterly along a line forming an angle on the southwest with the last mentioned course of 76 degrees, 45 minutes, 31 seconds 39.24 feet to a point;

RUNNING THENCE again southwesterly along a line forming an angle on the northwest with the last mentioned course of 157 degrees, 27 minutes, 25 seconds 86.06 feet to a point;

RUNNING THENCE westerly at right angles to the easterly side of 47th Street 19.60 feet to the easterly side of 47th Street;

RUNNING THENCE northerly along the easterly side of 47th Street 108.01 feet to the point or place of BEGINNING.

ESTABLISHED 1876 • INCORPORATED 1934 SUCCESSOR TO:
B.G. MEINIKHEIM C.S. • C.U. POWELL C.E.,C.S. • L.C.L. SMITH C.S. • NATHAN CAMPBELL C.E., C.S. • A.U. WHITSON C.E.,C.S. • WILLIAM L. SAVACOOL C.E.,L.S.,C.S. • A.U. WHITSON INC. C.E.,C.S. • G. WEBER L.S.,C.S. • C. STIDOLPH R.A.,L.S. • WHITSON & POWELL INC. P.E.,L.S.,C.S. • KELLER & POWELL P.E.,L.S.,C.S. • LOUIS MONTROSE C.E.,L.S.,C.S. • FRED J. POWELL P.E.,L.S.,C.S. •

TOGETHER with all right, title and interest, if any, of the party of the first part in and to any streets and roads abutting the above described premises to the center lines thereof,

TOGETHER with the appurtenances and all the estate and rights of the party of the first part in and to said premises,

TO HAVE AND TO HOLD the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever.

REEL 2079 PAGE 1972

AND the party of the first part, in compliance with Section 13 of the Lien Law, hereby covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.

The word "party" shall be construed as if it read "parties" whenever the sense of this indenture so requires.

IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above written.

IN PRESENCE OF:

JOHNSON AVENUE REALTY COMPANY

(PG)

By: Peter Galasso

Peter Galasso - Partner

STATE OF NEW YORK, COUNTY OF New York ss:

On the day of May 19 86, before me personally came Peter Galasso to me known, who, being by me duly sworn, did depose and say that he is a partner of Johnson Avenue Realty Company, a New York general partnership; the partnership described in and which executed the foregoing instrument; and that he executed the foregoing instrument and acknowledged that he executed same in the partnership's name.

Patricia F. Roche

PATRICIA F. ROCHE
Notary Public, State of New York
No. 41-4845587
Qualified in Queens County
Commission Expires March 30, 19 8 7

STATE OF NEW YORK, COUNTY OF ss:

On the day of 19 , before me personally came

to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that executed the same.

REEL 2079 PAGE 1973

STATE OF NEW YORK, COUNTY OF ss:

On the day of 19 , before me personally came

to me known, who, being by me duly sworn, did depose and say that he resides at No.

;

that he is the

of

, the corporation described in and which executed the foregoing instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the board of directors of said corporation, and that he signed h name thereto by like order.

STATE OF NEW YORK, COUNTY OF ss:

On the day of 19 , before me personally came

the subscribing witness to the foregoing instrument, with whom I am personally acquainted, who, being by me duly sworn, did depose and say that he resides at No.

;

that he knows

to be the individual described in and who executed the foregoing instrument; that he, said subscribing witness, was present and saw execute the same; and that he, said witness, at the same time subscribed h name as witness thereto.

Quitclaim Deed

TITLE NO.

JOHNSON AVENUE REALTY COMPANY

TO

PETER GALASSO

STANDARD FORM OF NEW YORK BOARD OF TITLE UNDERWRITERS
Distributed by
TITLE GUARANTEE-NEW YORK
A TICOR COMPANY

SECTION 14
BLOCK 2602
LOT 68
COUNTY OR TOWN New York
TAX BILLING ADDRESS

Recorded At Request of The Title Guarantee Company

RETURN BY MAIL TO:

Paul D. Powsner, Esq.
Powsner & Powsner
150 East 52nd Street
New York, New York 10022

Zip No.

28331

LOC. VER.

RESERVE THIS SPACE FOR USE OF RECORDING OFFICE

CITY REGISTER

R. Quilline Dyer

OFFICE OF CITY REGISTER
Queens County
RECORDED
Witness my hand and official seal

RECEIVED
$ ... REAL ESTATE TRANSFER TAX
MAY 2 1986
QUEENS COUNTY
80908

REC. FEE

SST $

RPT #

9157

PHASE I ENVIRONMENTAL SITE ASSESSMENT

for

57-00, 57-05, 57-57 and 58-20 47th Street
Maspeth, Queens, New York

Prepared For:

Bay Crane Service of New York
11-02 43rd Street
Long Island City, New York 11101

Prepared By:

Langan Engineering, Environmental, Surveying,
Landscape Architecture and Geology, D.P.C.
21 Penn Plaza
360 West 31st Street, 8th Floor
New York, New York 10001

Jeffrey Stoicescu, PE
Vice President/Senior Associate

July 21, 2021
Langan Project No. 170686701

LANGAN

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EXECUTIVE SUMMARY

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) was retained by Bay Crane Service of New York (the User) to prepare a Phase I Environmental Site Assessment (ESA) for the properties located at 57-00, 57-05, 57-57, and 58-20 47th Street in the Maspeth neighborhood of Queens, New York (collectively the Subject Property). The Subject Property is identified on the Queens Borough Tax Map as Block 2601, Lots 1 and 6, and Block 2602, Lots 68 and 72. The approximately 168,000-square-foot Subject Property is situated on the northern part of Block 2601 and northeastern part of Block 2602, and is transected by 47th Street. The Subject Property is situated on the city blocks bound by 58th Road to the north, 49th Place to the east, Grand Avenue to the south, and Newtown Creek to the west. The Subject Property is vacant with the exception of the southern area of the Lot 72 which is used by a scaffolding company for staging and storage of equipment. The Subject Property was most recently occupied by a trucking company and US Concrete Inc., a concrete processing/recycling facility (Lots 1 and 6), a delicatessen (Lot 68), and a food services/food truck storage company (Lot 72). A Subject Property Location Map is included as Figure 1 and a Subject Property Plan is provided as Figure 2.

Block 2601 Lots 1 and 6 are subject to an Order on Consent ("Order"), dated April 2021 between the Subject Property owner and New York State Department of Environmental Conservation (NYSDEC). The Order relates to the unauthorized operation of a solid waste and aggregate processing facility, installation of a concrete wall within a wetlands buffer area without a NYSDEC permit and failure to restore the wetlands buffer area along the western boundary of the Subject Property. The active remedial Work associated with bringing the Subject Property into compliance with the Order is anticipated to be completed prior to the transfer of ownership to the User.

This Phase I ESA was completed in general accordance with ASTM International (ASTM) Standard E1527-13 (Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process) and the United States Environmental Protection Agency (USEPA) All Appropriate Inquires (AAI) Rule, for the purpose of identifying recognized environmental conditions (REC), and historical RECs (HREC), controlled RECs (CREC). CRECs were not identified at the Subject Property. Two RECs, one HREC and one de minimis condition were identified and are discussed below.

REC

A REC is defined by ASTM E1527-13 as the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property due to any release to the environment,

under conditions indicative of a release to the environment, or under conditions that pose a material threat of a future release to the environment. The following RECs were identified and are shown of Figure 3:

REC 1 – Historical Use of Subject Property

Historical operations at the Subject Property included a 'fertilizer works' facility (1902 to 1914), an oil depot with petroleum bulk storage (1914 to 1936), truck parking (1974 to 1991), truck repair (1982 to 2006), a waste transfer facility with petroleum bulk storage (2004 to 2021), and auto repair (2013, 2014) on Lots 1 and 6; and a motor freight station with petroleum bulk storage (1963, 1982 to 2006) on Lot 72. The Subject Property is listed as an active facility on the Solid Waste Facilities/Landfill Sites (SWF/LF) database for the processing of construction and demolition (C&D) waste; however, based on the site reconnaissance this operation ceased in early 2021. Historical operations at the Subject Property may have resulted in inadvertent releases of hazardous substances or petroleum products.

REC 2 – Western-Adjoining Superfund Site

Newtown Creek, which is listed in the National Priority List (NPL) and Superfund Enterprise Management System (SEMS) databases. Contamination in the creek is attributed to combined sewer overflow (CSO) and historical industrial facilities on the creek banks. Facilities included over 50 oil refineries, petrochemical plants, fertilizer and glue factories, sawmills, and lumber and coal yards. A remedial investigation is presently underway for the entire Creek and a focused feasibility study (FFS) is currently being prepared by responsible parties regarding a combined sewer outfall (CSO) long term control plan, pursuant to the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). Given that the remedial investigation and a focused feasibility study are underway by the responsible parties, it is unknown as to whether there is any impact to the Subject Property.

HREC

A HREC is defined by ASTM E1527-13 as the past release of any hazardous substances or petroleum products that has occurred in connection with the Subject Property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the Subject Property to any required controls.

HREC 1 – Closed Spills on the Subject Property

The Subject Property is listed on the Leaking Tanks (LTANKS) and NY SPILLS databases for six spills summarized below:

- NYSDEC Spill No. 94-11004 was reported on November 17, 1994 was after the release of an unknown volume of gasoline. The spill was administratively closed on November 17, 1994.

- NYSDEC Spill No. 97-09690 was reported on November 20, 1997 after the release of an unknown volume of diesel oil on soil. No further information regarding the spill was provided. The spill was administratively closed on January 8, 1998

- NYSDEC Spill No. 98-12248 was reported on January 4, 1999 after petroleum-impacted soil was identified during removal of an underground storage tank (UST). Petroleum-impacted soil was removed and documentation endpoints samples were collected. The spill was remediated to the satisfactory of NYSDEC and the spill was administratively closed on July 12, 2006.

- NYSDEC Spill No. 07-09978 was reported after a UST failed a tank tightness test on December 18, 2007. The tank lines were re-tested and it was determined that the vent line failed due to a loose fitting. Evidence of petroleum contamination to the subsurface was not observed and the spill was administratively closed December 28, 2007.

- NYSDEC Spill No. 08-08170 was reported on October 21, 2008 after a call was made to the NYSDEC citing active release of petroleum substances, and illegal storage and refueling of vehicles at the Subject Property. A limited subsurface investigation completed in 2009 consisting of advancing six soil borings and collection of soil samples identified petroleum impacts to soil ranging from surface grade to about 8 feet below grade surface. About 381.04 tons of petroleum-impacted soil was excavated and disposed of in 2010. Documentation soil samples and groundwater samples collected post-remediation confirmed that the spill was remediated to the satisfaction of the NYSDEC. The spill was administratively closed on October 27, 2012.

- NYSDEC Spill No. 13-06438 was reported on September 19, 2013 after diesel contaminated soil and pea gravel was identified in tank vault during removal of a 4,000-gallon UST. Further information regarding the remediation was unavailable; however, a closure report summarizing the remedial work and analytical data was prepared for NYSDEC. The spill was remediated to the satisfaction of the NYSDEC, and the spill was administratively closed on February 12, 2014.

De Minimis Condition

A de minimis condition is defined by ASTM E1527-13 as a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimis conditions are not recognized environmental conditions nor controlled recognized environmental conditions.

De minimis oil-like staining was observed throughout Lot 6 including the interior warehouse space, near the mechanics pits, in the vicinity of a former ASTs, throughout the concrete-paved parking areas to the south, east, and west of the building, and underneath a parked excavator; and on Lot 72 throughout the interior warehouse space, truck access bays and exterior concrete-paved parking areas. Surficial concrete cracks, joints or exposed soil were not observed in stained areas; however, staining was observed near the wall/floor seams near the former above ground storage tank (AST) area. The staining is considered a de minimis condition.

1.0 INTRODUCTION

Langan was retained by Bay Crane Service of New York (the User) to prepare a Phase I Environmental Site Assessment (ESA) for the properties at 57-00, 57-05, 57-57, and 58-20 47th Street in the Maspeth neighborhood of Queens, New York (collectively the Subject Property). This Phase I ESA was performed for the User in general accordance with ASTM International's (ASTM) Standard E1527-13 (Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process) and the United States Environmental Protection Agency's (USEPA) All Appropriate Inquires (AAI) Rule. The purpose of this Phase I ESA is to accomplish the following:

1. Identify Recognized Environmental Conditions (RECs) in connection with the Subject Property, as defined in The Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, Designation E1527-13, which states: The presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. The term is not intended to include de minimis conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

2. Provide services consistent with the USEPA 40 Code of Federal Regulations (CFR) Part 312 Subpart C Standards and Practices §312.20 AAI Rule.

1.1. Scope of the ESA

This Phase I ESA was conducted using a standard of good commercial and customary practice that is consistent with ASTM E1527-13. No significant scope-of-work additions, deletions, or deviations to ASTM E1527-13 were made in connection with this report, as described in Section 8.0. In general, the scope of this assessment consisted of obtaining information from the User; reviewing reasonably ascertainable information and environmental data relating to the Subject Property; reviewing maps and records maintained by federal, state, and local regulatory agencies; interviewing persons knowledgeable about the Subject Property; and conducting a site reconnaissance. The specific scope of this assessment included the following:

1. A site reconnaissance to characterize conditions and assess the Subject Property's location with respect to adjoining and surrounding property uses and natural surface features. The reconnaissance included the surrounding roads and observations of

surrounding properties from public rights-of-way to identify obvious potential environmental conditions on neighboring properties. The site reconnaissance was conducted in a systematic manner focusing on the spatial extent of the Subject Property and then progressing to adjoining and surrounding properties. Photographs taken as part of the site reconnaissance are included in Appendix A.

2. A review of the response to the User questionnaire. The completed questionnaire is included in Appendix B.
3. A review of available previous environmental reports completed for the Subject Property. Copies of the reports are included in Appendix C.
4. A review of environmental databases maintained by the USEPA, state, and local agencies within the approximate minimum search area. The environmental database report was provided by Environmental Data Resources, Inc. (EDR), and is included in Appendix D.
5. Filing of Freedom of Information Act (FOIA) requests with federal, state, and local agencies. Copies of the FOIA requests are included in Appendix E.
6. A review of New York City Department of Buildings (NYCDOB) records, Federal Emergency Management Agency (FEMA) Flood Maps and a Planning Commission Zoning Map. Available NYCDOB records, the FEMA Map and the Zoning Map are included in Appendices F, G and H respectively.
7. A review of physical characteristics of the Subject Property through a review of referenced sources for topographic, geologic, soils, and hydrologic data.
8. A review and interpretation of aerial photographs, Sanborn® Fire Insurance Maps (Sanborn® Maps), historical topographic maps, and city directories to identify previous activities on and in the vicinity of the Subject Property. Copies are included in Appendices I, J, K, and L respectively.
9. A review of an environmental lien search for the Subject Property. A copy of the environmental lien search report is included in Appendix M.
10. A review of published radon occurrence maps to evaluate whether the Subject Property is located in an area with a propensity for elevated radon levels.

1.2. Assumptions, Limitations, and Exceptions

This Phase I ESA report was prepared for Bay Crane Service of New York for the Subject Property located at 57-00, 57-05, 57-57, and 58-20 47th Street in the Maspeth neighborhood of Queens, New York. The report is intended to be used in its entirety. Excerpts taken from this report are not necessarily representative of the assessment findings. Langan cannot assume responsibility

for use of this report for any property other than the Subject Property addressed herein, or by any other third party without a written authorization from Langan.

Langan's scope of services, which is described in Section 1.1, was limited to that agreed to with the User and no other services beyond those explicitly stated are implied. The services performed and agreed upon for this effort comports to those prescribed in the ASTM Standard E1527-13. Intrusive sampling (i.e., soil borings and groundwater sampling) was not performed as part of this Phase I ESA.

This Phase I ESA was not intended to be a definitive investigation of possible environmental impacts at the Subject Property. The purpose of this investigation was limited to determining if there are any RECs affecting the Subject Property. It should be understood that even the most comprehensive Phase I ESA might fail to detect environmental liabilities at a particular Subject Property. Therefore, Langan cannot "insure" or "certify" that the Subject Property is free of environmental impacts. No expressed or implied representation or warranty is included or intended in this report, except that our services were performed, within the limits prescribed by our client, with the customary standard of care exercised by professionals performing similar services under similar circumstances within the same jurisdiction.

The conclusions, opinions, and recommendations provided in this report are based solely on the specific activities as required for the performance of ASTM E1527-13 and are intended exclusively for the purpose stated herein, at the specified Subject Property, as it existed at the time of our site visits.

2.0 SITE DESCRIPTION

2.1. Location and Description

The Subject Property is located at 57-00, 57-05, 57-57, and 58-20 47th Street and is identified on the Queens Borough Tax Map as Block 2601, Lots 1 and 6 and Block 2602, Lots 68 and 72. The approximately 168,000-square-foot Subject Property is situated on the northern part of Block 2601 and northeastern part of Block 2602, and is transected by 47th Street. The Subject Property is situated on the city blocks bound by 58th Road to the north, 49th Place to the east, Grand Avenue to the south, and Newtown Creek to the west. The Subject Property is improved upon with a vacant slab-on-grade one-story building with a mezzanine level (Lot 6), and two slab-on-grade one-story buildings (Lots 68 and 72). The remainder of the Subject Property is improved with concrete/asphalt parking space. The Subject Property is currently vacant, however, it was most recently operated by a trucking company and by US Concrete Inc., a concrete processing/recycling facility (Lots 1 and 6), a delicatessen (Lot 68), and a food services/food truck storage company (Lot 72). A Subject Property Location Map is included as Figure 1 and a Subject Property Plan is included as Figure 2.

According to the United States Geological Survey (USGS) Central Park Quadrangle 7.5-minute Series Topographic Map, the Subject Property sits at an elevation of about 9 feet above mean sea level (msl) and the surrounding area slopes gradually to the southwest towards Newtown Creek. Based on visual observations of the surrounding area during the site reconnaissance, the Subject Property is located within an industrial area characterized by one- to two-story commercial and manufacturing/industrial buildings. Site reconnaissance photographs are included in Appendix A. Surrounding property use is summarized in the following table:

Direction	Block	Lot	Adjoining Properties	Surrounding Properties
North	58th Road			Industrial-use buildings and Maspeth Creek
	2600	1	One- to two-story building and asphalt-paved parking occupied by NYC Department of Sanitation (DSNY) (47-01 48th Street)	
South	2601	25	NYC Department of Environmental Protection (DEP)Newtown Creek aeriation facility, parking and vegetated land	Industrial-use buildings, Grand Avenue
East	2602	90	One-story warehouse and asphalt-paved parking operated by Raja Foods and Vegetables Inc.	Commercial- and industrial-use buildings, parking, vacant land
		58	One-story warehouse and asphalt-paved parking lot operated by LaserShip shipping service	
		52	One-story industrial/manufacturing building occupied by Safeway Carting	
West	Newtown Creek			Industrial-use buildings

2.2. Description of Site Improvements

Improvements at the Subject Property are summarized in the following table:

SITE IMPROVEMENTS	
Size of the Subject Property	About 168,000 square feet
Buildings/Spaces/Structures	Lot 6: 20,000-square foot single-story slab-on-grade warehouse/office building occupying the central-eastern part of the lot Lot 72: 4,000-square foot single-story slab-on-grade warehouse/office building occupying the western part of the lot Lot 68: 2,000-square foot slab-on-grade commercial building occupying the southwestern part of the lot
Surface Water	None
Potable Water Source	Municipal
Sanitary and Storm Sewer Utilities	Lot 6: Four, large metal/concrete hatches in a row were observed at the southern part of the Lot. According to the site representative, these drain directly to the subsurface. All lots: Sewer drains were observed in exterior areas of the Subject Property and reportedly connected to the New York City municipal or sanitary systems.
Electrical Utilities	Con Edison
Construction Completion Date	1964 (Lot 72); 1966 (Lot 68); 1974 (Lot 6)
General Construction Type	Masonry and steel construction.
Cooling and Ventilation System Type	Heating, ventilation, and air conditioning (HVAC) units, including air conditioners, were observed on the roofs and/or on exterior walls.
Heating System Type	The buildings have natural gas- and/or electric-powered heating systems, which mainly consist of ceiling-mounted hot air blower units.
Emergency Power	None

2.3. Title Records

Langan researched ownership records for the Subject Property on the Automated City Register Information System (ACRIS) website (https://a836-acris.nyc.gov/DS/DocumentSearch/Index). According to ACRIS, the Subject Property is owned by SLMJL Family Property Owner LLC (Block 2601, Lot 1) and RL Family Property Owner LLC (Block 2601, Lot 6 and Block 2602, Lots 68 and 72). Title information available via ACRIS is summarized below:

Date	Document Type	First Party	Second Party
Block 2601, Lot 1			
11/13/2020	Deed	Lamanna, Sabatino	SLMJL Family Property Owner LLC
12/31/2008	Deed	Lamanna, Emilio	Lamanna, Emilio

Date	Document Type	First Party	Second Party
12/16/1986	Deed	Alfredo Lamanna Trucking	Lamanna, Emilio
9/7/1985	Deed	Galasso, Peter	Island Transportation CP
4/23/1985	Deed	Galasso, Peter	Alfredo Lamanna Trucking
1/18/1972	Deed	EJG Construction Corp.	Peter Galasso
1/18/1972	Deed	Galasso Peter	EJG Construction Corp.
Block 2601, Lot 6			
11/13/2020	Deed	57-00 Maspeth Avenue, LLC	RL Family Property Owner LLC
4/30/1998	Deed	Island Transportation Corporation	57-00 Maspeth Avenue, LLC
Block 2602, Lot 68			
11/13/2020	Deed	57-57 47th Street Mack, LLC	RL Family Property Owner LLC
11/28/2012	Deed	57-57 47th Street Realty Corp.	57-57 47th Street Mack, LLC
3/27/2001	Deed	Galasso, Nancy	57-57 47 St Realty Corp
3/27/2001	Deed	Galasso, Peter	Galasso, Nancy
10/23/1992	Deed	Galasso, Peter	Galasso, Nancy
5/1/1986	Deed	Johnson Ave Realty Co	Galasso, Peter
6/22/1970	Deed	Galaron Realty Corp	Peter Galasso
Block 2602, Lot 72			
11/13/2020	Deed	Fumo, LLC	RL Family Property Owner LLC
5/31/2006	Deed	Estate of Alfredo Lamanna	Fumo, LLC
11/9/1983	Deed	Here Realty Inc.	Lamanna, Alfredo
1/14/1983	Deed	Greenspan, Willim R. (Ref)	Here Realty Inc.
1/4/1973	Deed	Cestaro Joseph A	Leco Distributors Inc.

Trucking/transportation companies were identified on Block 2601, Lots 1 and 6 during the review of ACRIS documents. Unreported releases or spills of petroleum and/or hazardous substances associated with these historical trucking operations may have adversely impact soil, groundwater and/or soil vapor at the Subject Property and is considered a REC.

3.0 USER PROVIDED INFORMATION

3.1. User Questionnaire

Per ASTM E1527-13, a User questionnaire was provided to the User to inquire about specialized information related to the Subject Property. Philip Bernardo, representative of the User, completed the questionnaire. Mr. Bernardo stated that he is not aware of any environmental liens or land use limitations at the Subject Property. According to Mr. Bernardo, the purchase price of the Subject Property reasonably reflects fair market value and is not attributable to any contamination known or believed to be present at the Subject Property. The completed User questionnaire is included in Appendix B.

3.2. Previous Environmental Reports

An Order on Consent ("Order") dated April 2021 between the current owner of the Subject Property and New York State Department of Environmental Conservation (NYSDEC) (DEC File No. R2-20210416-53) was provided to Langan for review. The Order applies to the western half of the Subject Property (Block 2601, Lots 1 and 6), and cites the unauthorized operation of a solid waste registration and aggregate facility without a tidal wetlands permit, installation of a concrete wall within a tidal wetlands buffer area without a NYSDEC permit, and violations associated with a 2009 Order including failure to provide NYSDEC with sales and transfer agreements associated with the Subject Property, and failure to restore the wetlands buffer area along the western boundary of the Subject Property. The Order references violation of articles 15, 17, 25 and 27, and 34 of the NYS Environmental Conservation Law and New York State Title 6 of the Codes, Rules and Regulations (6NYCRR) Parts 360, 608, 661 and 750. Compliance activities outlined in the 2021 Order include the following:

- Closure of the solid waste and aggregate processing facilities, which includes removal of all waste materials;
- Implementation of a wetlands restoration plan, including removal of concrete/structural elements, and replanting of the high marsh area and buffer planting area;
- Monitoring the plantings over a five year period with annual reporting;
- Adhere to best management practices during removal and planting activities, and
- Record in the property records for lots 1 and 6 a restrictive declaration to identify and protect the tidal wetlands and vegetated buffer areas such by incursions by current or future owners, tenants, and occupants.

During the site reconnaissance, activity including removal of concrete surface cover, grading and placement of top soil was underway as part of the wetlands restoration worked required to bring

the Subject Property into compliance with the Order. Additionally, operation of the solid waste facility ceased in early 2021, with a majority of the stockpile concrete/aggregate materials removed from the site. Most of the Work associated with the Order will be complete prior to the transfer of ownership to the User. A copy of the Order is provided in Attachment C.

4.0 ENVIRONMENTAL RECORDS

A regulatory database search was provided by EDR and is included in Appendix D. The EDR report provides a listing of sites identified on select federal and state standard source environmental databases within the approximate search radius specified by ASTM E1527-13. Langan reviewed each environmental database on a record-by-record basis to evaluate whether the identified sites represent a potential for environmental impact to the Subject Property. Langan also reviewed "Orphan Sites" listed within the report. Orphan Sites are those sites that could not be mapped due to inadequate address information. Any Orphan Sites that were identified by Langan within the ASTM search radii, either during the site reconnaissance or by cross-referencing to mapped listings, are addressed in the discussion below.

The following table lists the number of sites identified in standard and additional environmental record databases, within the prescribed search area and appearing in the EDR Report.

DATABASE RECORD SUMMARY			
Database Reviewed (Date of government version)	**Minimum Search Area**	**Subject Property listed**	**Number of Sites Within Minimum Search Area**
USEPA DATABASES			
National Priorities List (NPL) (04/27/2021)	1 Mile Radius	No	1
Delisted NPL (04/27/2021)	1 Mile Radius	No	0
Superfund Enterprise Management System (SEMS, formerly CERCLIS) and SEMS-Archive (formerly known as CERCLIS-NFRAP) (04/27/2021)	1/2 Mile Radius	No	6
Resource Conservation and Recovery Act (RCRA) Corrective Reports (CORRACTS) (03/22/2021)	1 Mile Radius	No	0
RCRA Treatment, Storage, and Disposal Facilities (TSDF) (03/22/2021)	1/2 Mile Radius	No	0
RCRA Generators (Large Quantity Generator [LQG], Small Quantity Generator [SQG], Very Small Quantity Generator [VSQG], Conditionally Exempt Small Quantity Generator [CESQG], Non-Generators [Non-Gen]) (03/22/2021)	Subject Property and Adjoining Properties	Yes	3
Facility Index System (FINDS) (02/03/2021)	Subject Property	Yes	2

DATABASE RECORD SUMMARY			
Database Reviewed (Date of government version)	**Minimum Search Area**	**Subject Property listed**	**Number of Sites Within Minimum Search Area**
Environmental Response Notification System (ERNS) (12/14/2020)	Subject Property	No	0
Federal Engineering Controls (US ENG CONTROLS) Sites Lists (02/22/2021)	Subject Property	No	0
Federal Institutional Controls (US INST CONTROLS) Sites Lists (02/22/2021)	Subject Property	No	0
NYSDEC DATABASES			
Inactive Hazardous Waste Disposal Sites (SHWS) (02/09/2021)	1 Mile Radius	No	19*
Solid Waste or Landfill Facilities (SWF/LF) (12/31/2020)	1/2 Mile Radius	Yes	25
Leaking Storage Tanks (LTANKS) (02/09/2021)	1/2 Mile Radius	Yes	39
SPILLS Information Database (NY SPILLS) (02/09/2021)	1/8 Mile Radius	Yes	22
New York Engineering Controls (NY ENG CONTROLS) Sites Lists (02/09/2021)	Subject Property	No	0
New York Institutional Controls (NY INST CONTROLS) Sites Lists (02/09/2021)	Subject Property	No	0
NY Voluntary Cleanup Program (VCP) (02/09/2021)	1/2 Mile Radius	No	2
NY Brownfields (02/09/2021)	1/2 Mile Radius	No	1
Solid Waste Disposal Sites Registered Recycling Facility List (SWRCY) (12/31/2020)	1/2 Mile Radius	No	12
Chemical Bulk Storage (CBS) Underground Storage Tank (UST) and Aboveground Storage Tank (AST) Databases (12/17/2020)	Subject Property and Adjoining Properties	No	0
Major Oil Storage Facilities (MOSF) UST and AST Databases (12/17/2020)	Subject Property and Adjoining Properties	No	0

DATABASE RECORD SUMMARY			
Database Reviewed (Date of government version)	**Minimum Search Area**	**Subject Property listed**	**Number of Sites Within Minimum Search Area**
Registered and Historical Drycleaners (NY DRYCLEANERS) and Cleaners (03/09/2021)	1/4 Mile Radius	No	0
Petroleum Bulk Storage (PBS) Facilities UST and AST Databases (12/17/2020)	Subject Property and Adjoining Properties	Yes	8
EDR (PROPRIETARY) DATABASES			
EDR Former Manufactured Gas Plant (MGP) Sites (N/A)	1 Mile Radius	No	3
EDR US Historical Auto Stations (N/A)	1/8 Mile Radius	No	0
EDR US Historical Cleaners (N/A)	1/8 Mile Radius	No	0

N/A – Not Applicable; databases were reviewed as part of this Phase I ESA but not required as per ASTM E1527-13.
* - includes Orphan listings

A description of the reviewed databases is included in the EDR Report (Appendix D). A summary of sites identified within the prescribed search area is presented below.

4.1. Federal Agency Database Findings

The Subject Property and/or sites within the respective minimum search distances as specified by ASTM E1527-13 were not listed in the following federal agency databases: Delisted NPL, RCRA CORRACTS, RCRA TSDF, ERNS, US ENG CONTROLS, and US INST CONTROLS.

National Priorities List

The National Priority List database is a subset of the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) and identifies over 1,200 sites for priority cleanup under the Superfund program. The Subject Property was not listed in the NPL database. One site, Newtown Creek, was listed within the minimum search distance in the NPL database and is discussed below:

Site Name: Newtown Creek
Location: Western-adjoining property (hydraulically down-gradient)
Description: The site (USEPA ID: NYN000206282) was identified in the NPL database beginning in 2010. Formerly a natural tributary of the East River, Newtown Creek was channelized in the 1800s by backfilling surrounding wet areas to support heavy industrial development. Contamination in the creek is attributed to combined sewer overflow (CSO) and historical industrial facilities on the creek banks. Facilities included over 50 oil refineries, petrochemical plants, fertilizer and glue factories, sawmills, and lumber and coal yards. According to the listing, the Newton Creek Superfund Site, a remedial investigation is presently underway for the entire site and a focused feasibility study (FFS) is currently being prepared regarding a combined sewer outfall (CSO) long term control plan. Proximity to Newtown Creek may result in impacts to groundwater and/or soil vapor at the Subject Property and is considered a REC.

SEMS (formerly CERCLIS) and SEMS-Archive (formerly CERCLIS-NFRAP)

The SEMS database tracks hazardous waste sites, potentially hazardous waste sites and remedial activities under the USEPA Superfund Program. The database compiles data on potentially hazardous waste sites reported to the USEPA and sites that are either proposed for listing or listed on the NPL. The database, formerly known as CERCLIS, was renamed SEMS by the USEPA in 2015. The USEPA stopped updating the CERCLIS database in 2013; new updates are captured in the SEMS database. Former CERCLIS sites that have been granted the status of no further remedial action planned (NFRAP) are now included in the SEMS-ARCHIVE database. The USEPA's AAI Rule and ASTM E1527-13 will eventually be updated to reflect the change to SEMS. The minimum search radius for the databases is within 1 mile from the Subject Property.

The Subject Property was not listed in the SEMS or SEMS-archive databases; however, two sites were listed in the SEMS database and four sites were listed in the SEMS-archive database within the minimum search area. One facility listed in the SEMS database and the four facilities listed in the SEMS-archive database are located over 1,600 feet west of the Subject Property, across Newtown Creek, and are not considered RECs. The remaining SEMS site, Newtown Creek, is considered a REC as discussed in the NPL section.

RCRA Generators Database

The RCRA generators/transporters database is USEPA's comprehensive information system, providing access to data supporting the RCRA of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites that generate, transport, store, treat and/or dispose of hazardous waste as defined by RCRA. RCRA

databases include LQG, SQG, CESQG, and Non-Gen. ASTM E527-13 identifies the minimum search distance to 'Subject Property and adjoining properties'.

The Subject Property is listed on the database; however, the listing is addressed incorrectly and is not associated with the Subject Property. Two adjoining hazardous waste generators were identified in the NonGen and VSQG databases as described below:

Site Name: NYC Dept Sanitation Garage
Site Address: 52-35 58th Street
Site Location: North-adjoining property (hydraulically cross-gradient)
Description: The site is listed in the RCRA NonGen database (EPA ID NYR000076083) for the generation of D001 (ignitable) waste in 1999. NY Manifests were also identified for the disposal of 447 pounds of D001 and F003 (spent non-halogenated solvent) waste in May 2018. Based on the absence of violations and volume of waste generated, this listing is not considered a REC.

Site Name: At Lite
Site Address: 57-47 47th Street
Site Location: East-adjoining property (hydraulically up-gradient)
Description: The site is listed in the RCRA VSQG database (EPA ID NYR000049809) for the generation of D001 waste between 2000 and 2007. NY Manifests were also identified for the disposal of five gallons of D002 (corrosive waste) in February 2004. Based on the absence of violations and volume of waste generated, this listing is not considered a REC.

FINDS Database

The FINDS database contains facility information and "pointers" to other sources and databases that contain additional details. ASTM E527-13 defines the minimum search distance as the 'Subject Property'. Two listings were identified under the Subject Property address in the FINDS database. One listing was incorrectly addressed and is not associated with the Subject Property. The Subject Property is listed under the 57-00 47th Street address (Lot 6) for the unauthorized discharge to a waterbody without a National Pollutant Discharge Elimination System (NPDES) permit in August 2009. No further violations were identified; therefore, this listing is not considered a REC.

4.2. State Agency Database Findings

The Subject Property and/or sites within the respective minimum search distances as specified by ASTM E1527-13 were not listed in the following state agency databases: NY ENG CONTROLS, NY INST CONTROLS, CBS, MOSF, and NY DRYCLEANERS.

SHWS

The State Hazardous Waste Sites (SHWS) records SHWS records are the states' equivalent to SEMS and may or may not already be listed on the federal SEMS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified, along with sites where cleanup will be paid for by potentially responsible parties. The Subject Property was not listed in the SHWS database; however, 19 listings (including five Orphan sites) were identified within the minimum search area of one mile. Based on their distance and/or hydraulic relationship to the Subject Property, the listings are not considered RECs.

SWF/LF

The Solid Waste Facilities/Landfill Sites (SWF/LF) records are an inventory of solid waste disposal facilities or landfills in a particular state. The Subject Property was listed in the SWF/LF database as summarized below:

Site Name: Pebble Lane Associates LLC
Site Address: 57-00 47th Street (Lot 6)
Location: Subject Property
Description: The Subject Property is listed as an active construction and demolition (C&D) processing facility beginning in April 2009. Waste types accepted at the facility include asphalt, brick, concrete, rock, soil, glass, metals (ferrous), metals (non-ferrous), and C&D debris. The former tenant, US Concrete Inc., operated Lots 1 and 6 for processing and distribution of recycled concrete materials. Undocumented releases of petroleum products, solvents and/or hazardous substances associated with this historical operation may have impacted soil, groundwater and/or soil vapor at the Subject Property and is considered a REC.

Twenty-four listings were identified in the SWF/LF database within the minimum search area of 1/2 mile. Twenty-two of the listings are related to sites located over 1,000 feet from the Subject Property and are not considered RECs. The remaining two listings are discussed below:

Site Name: M & C Transfer Station
Site Address: 58-26 47th Street
Location: South-adjoining (hydraulically cross-gradient)
Description: This facility is listed as an inactive transfer station site. Further information regarding the time of operation and material accepted at the facility was not provided. No violations or spills are listed in association with this facility. Based on the absence of reported violations or spills associated with this facility, it is not considered a REC.

Site Name: Maspeth Recycling Inc.
Site Address: 58-08 48th Street
Location: 555 feet north (hydraulically cross-gradient)
Description: This facility is listed as an active C&D processing facility for waste types include concrete, asphalt, soil, and sand. No spills or violations are listed for this facility. Based on the absence of violations and/or releases, distance and hydraulic relationship to the Subject Property, this listing is not considered a REC.

LTANKS Database

The LTANKS database contains an inventory of reported leaking storage tank incidents, including leaking USTs and ASTs. The minimum search area for the LTANKS database includes the Subject Property and any sites within a 1/2-mile radius. Two listings were identified in association with the Subject Property. One listing for the Subject Property was incorrectly addressed and is associated with the site located 680 feet to the north; this listing is not considered a REC. The remaining listing is discussed below:

Site Name: Island Trans Corp
Site Address: 57-00 47th Street
Location: Subject Property (Lot 6)
Description: NYSDEC Spill No. 07-09978 was reported at the Subject Property after a UST failed a tank tightness test on December 18, 2007. The tank lines were re-tested and it was determined that the vent line failed due to a loose fitting. Evidence of petroleum contamination was not observed and the spill was closed December 28, 2007. Based on the regulatory status, this closed spill on the Subject Property is considered a HREC.

Thirty-nine listings were identified in the minimum search area. Two listings were identified in association with the northern adjoining property; however, these listings were incorrectly addressed and are associated with a site over one mile from the Subject Property. The listed incidents were primarily caused by tank test failures, tank failures, and tank overfills. All 39 incidents have been granted closed status by the NYSDEC, indicating that the NYSDEC is satisfied with spill remediation; therefore, these listings are not considered RECs.

NY SPILLS

The Spills database, maintained and updated by NYSDEC, is an inventory of sites where spills have been identified and reported to the NYSDEC. Eight spills were listed at the Subject Property. Three spills were incorrectly addressed and are not associated with the Subject Property. The remaining five spills are summarized below:

Site Name: 57-00 Maspeth Avenue LLC
Site Address: 57-00 47th Street (Lot 6)
Location: Subject Property
Description: Spill No. 94-11004 was reported on November 17, 1994 after the release of an unknown volume of gasoline. No further information regarding the spill was provided. The spill was administratively closed by the NYSDEC on November 17, 1994.

Site Name: Island Transportation
Site Address: 47th Street (Lot 6)
Location: Subject Property
Description: Spill No. 97-09690 was reported on November 20, 1997 after the release of an unknown volume of diesel oil on soil. No further information regarding the spill was provided. The spill administratively closed by the NYSDEC on January 8, 1998.

Site Name: 5700 Maspeth Avenue LLC
Site Address: 57-00 47th Street (Lot 6)
Location: Subject Property
Description: Spill No. 08-08170 was reported on October 21, 2008 after a call was made to the NYSDEC citing active release of petroleum substances, and illegal storage and refueling of vehicles at the Subject Property. A limited subsurface investigation completed in 2009 consisting of advancing six soil borings and collection of soil samples identified petroleum impacts to soil ranging from surface grade to about 8 feet below grade surface. About 381.04 tons of petroleum-impacted soil was excavated and disposed of in 2010. Documentation soil samples and groundwater samples collected post-remediation confirmed that the spill was remediated to the satisfaction of the NYSDEC. The spill was administratively closed on October 27, 2012.

Site Name: Commercial Property
Site Address: 57-00 47th Street (Lot 6)
Location: Subject Property
Description: Spill No. 13-06438 was reported on September 19, 2013 after diesel contaminated soil and pea gravel was identified in tank vault during removal of a 4,000-gallon UST. Further information regarding the remediation was unavailable; however, a closure report summarizing the remedial work and analytical data was prepared for NYSDEC. The spill was remediated to the satisfaction of the NYSDEC, and the spill was administratively closed on February 12, 2014.

Site Name: Boro Lumber Company
Site Address: 57-57 47th Street (Lot 68)
Location: Subject Property

Description: Spill No. 98-12248 was reported on January 4, 1999 when petroleum-impacted soil was identified during a UST removal. Petroleum-impacted soil was removed and documentation endpoints samples were collected. The spill was remediated to the satisfactory of NYSDEC and the spill was administratively closed on July 12, 2006.

Based on the closed regulatory status, the spills at the Subject Property are considered HRECs.

Fourteen spills were listed within the minimum search radius. Thirteen spills have been granted closed status by the NYSDEC, indicating that NYSDEC is satisfied with spill remediation. The remaining open spill is located 450 feet down-gradient from the Subject Property and across Newtown Creek. Based on their distance, hydraulic relationship and/or current regulatory status, these listings are not considered RECs.

VCP

The VCP uses private funds to remediate contaminated sites to levels allowing for the sites' productive use. The program covers virtually any kind of site and contamination. The Subject Property was not listed in the VCP database; however, two sites were identified within the minimum ½-mile search radius. The sites are located over 1,500 feet hydraulically down-gradient from the Subject Property and across Newtown Creek, and are not considered RECs.

NY Brownfields

Brownfield sites are any real property where a contaminant is present at levels exceeding the soil cleanup objectives or other health-based or environmental standards, criteria, or guidance adopted by the NYSDEC that are applicable based on the reasonably anticipated use of the property, in accordance with applicable regulations. The Subject Property was not listed in the BCP database. One listing was identified within a ½-mile radius of the Subject Property in relation to a National Grid property at K – Greenpoint MGP – Energy Center at 287 Maspeth Avenue. Ongoing investigations have identified volatile organic compound (VOC) and semivolatile organic compound (SVOC) contamination of soils and groundwater and the presence of a Dense Non-Aqueous Phase Liquid (DNAPL) at shallow depths with the potential to affect the east-adjoining Newtown Creek. The site is located 225 feet west and hydraulically down-gradient of the Subject Property, across from Newport Creek, and is not considered a REC.

SWRCY

The Solid Waste Disposal Sites Registered Recycling Facility List (SWRCY) provides a list of registered recycling facilities. The Subject Property was not listed on the SWRCY database;

however, 12 listings were identified within the minimum search radius of ½ mile. Ten of the listings are located over 1,000 feet from the Subject Property and/or hydraulically down-gradient from the Subject Property and are not considered RECs. The two remaining listings are located at the same addressed and are summarized below:

Site Name: GPB Waste NY DBA NY/NJ Recycling/NMS Waste Paper
Site Address: 58-35 47th Street
Location: 220 feet southeast of the Subject Property (hydraulically cross-gradient)
Description: The facility is listed under two site names as a cardboard and paper recycling facility. No violations are listed in association with either facilities. One spill is listed in associated with the NMS Waste Paper facility (NYSDEC Spill No. 04-04192); however, the spill was administratively closed in February 2005. Given the absence of violations, type of material handled by the facility and hydraulic location with respect to the Subject Property, these listings are not considered RECs.

PBS UST and AST Databases

The PBS UST and AST databases contain records of registered USTs and ASTs. A registered PBS UST or AST does not constitute a REC in and of itself; however, properties listed on the UST or AST databases with a reported leak, spill, or release could constitute a REC with respect to the Subject Property. The minimum search distance required for USTs and ASTs is the Subject Property and adjoining properties. Three PBS facilities were listed in associated with the Subject Property. One listing is associated with a property over 700 feet north of the Subject Property and is not considered a REC. The remaining two PBS listings are discussed below:

Site Name: 57-00 Maspeth Ave LLC
Site Address: 57-00 47th Street (Lot 6)
Location: Subject Property
Description: The Subject Property is listed in the PBS AST and UST databases under this facility name (PBS Facility No. 2-318744) as housing two in-service ASTs, one closed/removed AST and four closed/removed USTs as summarized below:

Tank No.	Location	Capacity (gallons)	Contents	Date of closure
Status – In service				
2	AST	180	Used Motor Oil	Not Available
3	AST	180	Used Motor Oil	
Status – Closed/Removed				
001	UST	4,000	Diesel	September 19, 2013

Tank No.	Location	Capacity (gallons)	Contents	Date of closure
002	UST	4,000	Other	December 1, 1998
003	UST	4,000	Other	December 1, 1998
004	UST	1,080	Other	December 1, 1998
005	AST	6,000	No.2 Fuel Oil	March 8, 2006

The in-service ASTs, installed January 3, 2000, are reported to have suction dispensers and be in contact with an impervious barrier in a secondary containment vault with no leak detection or overfill protection. During the site reconnaissance (see Section 5.0), only one AST was identified. Two petroleum spills (Spill Nos. 94-11004 and 08-08170) are associated with this facility as discussed in the SPILLS section. The spills were administratively closed by NYSDEC on November 17, 1994 and October 27, 2012, respectively.

Site Name: A Lamanna Trucking Co
Site Address: 57-05 47th Street (Lot 72)
Location: Subject Property
Description: The Subject Property is listed under this facility name in the PBS UST database (PBS Facility No. 2-350001) as formerly housing a 4,500-gallon diesel UST. The UST was reportedly closed and removed December 1, 1998. Spills or releases were not reported in association with this UST.

Based on the timeline of historical industrial operations and petroleum bulk storage at the Subject Property, unreported spills/releases of petroleum products associated with historical petroleum bulk storage may have adversely impacted soil, groundwater and/or soil vapor at the Subject Property is considered a REC.

Three adjoining properties were listed in the PBS UST and AST databases and are described below:

Site Name: DSNY Queens District 5A Garage
Site Address: 58-02 48th Street
Location: North-adjoining property (hydraulically cross-gradient)
Description: The site is listed in the PBS UST database (PBS Facility No. 2-605735) for housing 10 in-service USTs and 11 closed/removed USTs, summarized below:

Tank No.	Tank ID	Capacity (gallons)	Contents	Date of closure
Status – In service				
001A	245123	2,500	Gasoline/Ethanol	Not Available

Tank No.	Tank ID	Capacity (gallons)	Contents	Date of closure
002A	245124	4,000	Biodiesel	
003A	245125	4,000	Biodiesel	
004A	245126	1,000	Motor Oil	
005A	245127	1,000	Hydraulic Oil	
006A	245128	1,000	Hydraulic Oil	
007A	247237	1,000	Waste Oil/Used Oil	
008A	247238	1,000	Waste Oil/Used Oil	
009A	247239	1,000	Waste Oil/Used Oil	
010A	235604	2,500	No. 2 Fuel Oil	
Status – Closed/Removed				
001	60354	2,500	Gasoline	May 31, 2012
002	60355	4,000	Biodiesel	May 31, 2012
003	60356	4,000	Biodiesel	May 31, 2012
004	60368	1,000	Motor Oil	May 3, 2012
005	60369	550	Hydraulic Oil	May 3, 2012
006	60370	1,000	Hydraulic Oil	May 3, 2012
007	60371	1,000	Waste Oil/Used Oil	July 18, 2012
008	60372	1,000	Waste Oil/Used Oil	July 31, 2012
009	60373	550	Waste Oil/Used Oil	July 18. 2012
010	60377	2,500	No. 2 Fuel Oil	April 15, 2010
011	233246	1,000	Waste Oil/Used Oil	October 11, 2012

The in-service USTs are reported to be have leak protection, overfill alarms and shut off valves and double walled secondary containment.

Site Name: DSNY Queens District 5 Garage
Site Address: 48-01 58th Street
Location: North-adjoining property (hydraulically cross-gradient)
Description: The site is listed in the PBS UST database (PBS Facility No. 2-605736) for housing eight in-service USTs and 11 closed/removed USTs, summarized below:

Tank No.	Tank ID	Capacity (gallons)	Contents	Date of closure
Status – In service				
010A	235603	2,500	No. 2 Fuel Oil	NA

Tank No.	Tank ID	Capacity (gallons)	Contents	Date of closure
012	245684	4,000	Diesel	
013	245685	4,000	Diesel	
014	245686	1,000	Motor Oil	
015	245687	1,000	Hydraulic Oil	
016	247816	1,000	Unspecified	
017	247817	1,000	Unspecified	
018	247818	1,000	Unspecified	
Status – Closed (removed)				
001	60374	2,500	Gasoline	July 24, 2012
002	60375	4,000	Biodiesel	July 24, 2012
003	60376	1,000	Hydraulic Oil	July 24, 2012
004	60378	1,000	Motor Oil	July 24, 2012
005	60379	550	Hydraulic Oil	October 2, 2012
006	60380	550	Waste Oil/Used Oil	November 27, 2012
007	60381	1,000	Waste Oil/Used Oil	November 27, 2012
008	60382	1,000	Waste Oil/Used Oil	October 4, 2012
009	60383	1,000	Waste Oil/Used Oil	October 4, 2012
010	60384	2,500	No. 2 Fuel Oil	April 30, 2010
011	227047	4,000	Biodiesel	July 24, 2012

In-service USTs are reported to be have leak protection, overfill alarms and shut off valves and doubled walled secondary containment.

The DSNY 5/5A Garage site is associated with five closed SPILLS listings and two closed LTANKS listings; however, these spills have been administratively closed by NYSDEC. Based on the closed status of the spills and reported secondary containment and overflow protection measures, this listing is not considered a REC.

Site Name: Advanced/Molloy
Site Address: 57-47 47th Street
Location: East-adjoining property (hydraulically up-gradient)
Description: The site is listed in the PBS AST database (PBS Facility No. 2-320943) as housing an in-service, 3,000-gallon No. 2 fuel oil AST. The tank is reportedly on saddles, elevated above grade allowing visual inspection. The AST is also reported to have secondary containment, a product level gauge and vent whistle for overfill

protection. Two closed spills are associated with this facility; documentation available for the spills indicates that subsurface media was not impacted and both spills were administratively closed by the NYSDEC. No violations are listed for this facility. Based on the absence of violations, administrative closure on on-site spills and information provided regarding secondary containment and overfill protective measures, this listing is not considered a REC.

Site Name: Boro Timber Co
Site Address: 57-45 47th Street
Location: East-adjoining property (hydraulically up-gradient)
Description: The site is listed in the PBS UST database (PBS Facility No. 2-296007) for housing two closed/removed 4,000-gallon diesel USTs and one closed/removed 4,000-gallon gasoline UST, removed on December 1, 1998. Based on the facility listing, the USTs did not have secondary containment or product level gauge for overfill prevention. One spill (NYSDEC Spill No. 97-14130) was reported at this facility when petroleum-impacted soil was identified during UST removal. The spill was administratively closed by the NYSDEC on July 12, 2006. Based on the closed status of the facility and documented spills, this listing is not considered a REC.

4.3. Other Database Findings

Former Manufactured Gas Plant

The MGP sites database is a proprietary database that includes records of historical manufactured coal gas plants compiled by EDR. The Subject Property was not listed in the database; however, three listings were identified within the minimum search area of 1 mile. Two of the sites are over 2,000 feet down-gradient from the Subject Property and are not considered RECs. The remaining site, National Grid property at K – Greenpoint MGP – Energy Center, is located west and hydraulically down-gradient and across Newtown Creek from the Subject Property. Based on the distance and hydraulic relationship with respect to the Subject Property, this listing is not considered a REC.

4.4. Local Regulatory Agency Findings

FOIA Requests

FOIA requests were submitted during the week of June 7, 2021 to the following federal, state, and local agencies via written correspondence:

- NYCDEP
- NYC Department of Health (DOH)
- New York City Fire Department (FDNY)
- NYSDOH
- NYSDEC

Complete responses have not yet been received from NYCDEP, NYCDOH, FDNY, NYSDOH, and NYSDEC. Should future responses alter the conclusions of this Phase I ESA, an addendum will be issued. Copies of the FOIA requests and any responses received are included in Appendix E.

USEPA

A review of the USEPA MyProperty, MyEnvironment and Envirofacts databases was performed on Jun 18, 2021. The Subject Property (57-00 47th Street) was identified on the Envirofacts database in relation the NPDES outlined in the FINDS section. No violations were identified.

NYCDOB

Langan conducted a records search through the NYCDOB online query system on June 21, 2021. The Subject Property is identified as Block 2601, Lots 1 and 6 and Block 2602, Lots 68 and 72. Department of Finance (DOF) Classification and NYCDOB query information are outlined below:

Block	Lot	BIN	DOF Classification	NYCDOB Violations	Available COs	CO Details
2601	1	484949	Z9-Miscellaneous	No	2005	Waste transfer station in conjunction with the adjacent tax Lot 6.
2601	6	4311638	E1-Warehouse	4 active: failure to file 2017 annual boiler inspection report	2004 to 2014	2004-2014: Waste transfer station and accessory uses including storage, parking and loading berths. COs from 2013 and 2014 also list an automobile repair shop.
2602	68	4058960	O1-Office Buildings	No	None	Not Available
2602	72	4058961	E9-Warehouse	No	1963	Trucking terminal

BIN – Building Identification Number, DOF – Department of Finance, CO – Certificate of Occupancy

Four active low- pressure boilers were listed on the most recent boiler inspection reports available, dated June 2013. Defects were reported for all boilers. The historical uses of the Subject Property as a waste transfer facility and auto repair are considered RECs. Copies of available NYCDOB records are included in Appendix F.

Zoning Department

According to the New York Department of City Planning Commission (NYCDCP) Zoning Map 13a, the Subject Property is zoned in a Manufacturing District (M3-1). M3 districts are designated for areas with heavy industries that generate noise, traffic or pollutants. Typical uses include power plants, solid waste transfer facilities and recycling plants, and fuel supply depots. According to a review of City Environmental Quality Review (CEQR) documents, the Subject Property is not assigned an E-designation or Restrictive Declaration. A copy of the zoning map is included in Appendix H.

"E" Designation

The NYCDCP coordinates a program, through rezoning efforts, to identify properties requiring an assessment of environmental site conditions because of documented historical use, requiring attenuation of neighborhood noise conditions, and/or special measures to mitigate against exacerbation of neighborhood air quality issues. These properties are identified as part of the environmental review process associated with discretionary actions, and are then noted as "E" Designated. For properties that have been so designated, the NYCDOB is restricted from issuing building permits until the New York City Office of Environmental Remediation (NYC OER) reviews information prepared by an environmental professional and makes a determination to issue a Notice of No Objection (NNO) or a Notice to Proceed (NTP) to the NYCDOB.

According to the list of City Environmental Quality Review (CEQR) Environmental Designations, dated June 30, 2009, the Subject Property is not listed with an "E" designation.

4.5. Physical Setting Sources

4.5.1. Topography

According to the USGS Brooklyn Quadrangle 7.5-minute Series Topographic Maps, the Subject Property sits at an elevation of about 9 feet above msl. The general topographic gradient of the Subject Property and surrounding properties slopes southwest towards Newtown Creek.

4.5.2. Geology

Geological surface features (e.g., rock outcroppings) were not observed at the Subject Property. Baskerville's "Bedrock and Engineering Geologic Maps of New York County and Parts of Kings and Queens Counties, New York, and Parts of Bergen and Hudson Counties, New Jersey", dated 1994, indicates the bedrock underlying the Subject Property is part of the Hartland Formation. The Hartland Formation is comprised of mica schist and quartz-feldspar granulite, with localized intrusions of granite and pegmatite. Given the development history and infilling in the south, historic fill will likely be present beneath the Subject Property. Geological surface features (e.g., rock outcroppings) were not observed at the Subject Property.

4.5.3. Hydrology

Groundwater flow is typically topographically influenced, as shallow groundwater tends to originate in areas of topographic highs and flows toward areas of topographic lows, such as rivers, stream valleys, ponds, and wetlands. A broader, interconnected hydrogeological network often governs groundwater flow at depth or in the bedrock aquifer. Groundwater depth and flow direction are also subject to hydrogeological and anthropogenic variables such as precipitation, evaporation, extent of vegetation cover, and coverage by impervious surfaces. Other factors influencing groundwater include depth to bedrock, the presence of artificial fill, and variability in local geology and groundwater sources or sinks. Groundwater is inferred to flow to the southwest towards Newtown Creek. Based on information provided in the EDR report, groundwater is anticipated to about 7 feet bgs. According to the National Wetlands Inventory (NWI), the west-adjoining Newtown Creek is classified as an estuarine and marine deep-water wetland associated with English Kills.

The current Federal Emergency Management Agency (FEMA) Advisory Base Flood Elevation Maps include new advisory flood zone boundaries and advisory base flood elevations. According to the current FEMA Effective Flood Insurance Rate Maps (FIRM) dated September 5, 2007 (Map Numbers 3604970206F and 3604970208F), the northern and western parts of the Subject Property fall within Zone AE, a special flood hazard area with base flood elevation of 10 feet inundated by 1% annual chance of flooding. The remainder of the Subject Property falls within Zone X and lies within the area of 0.2% annual chance of flood. A copy of the FEMA flood map is provided in Appendix G.

4.6. Historical Use Information

Langan reviewed available historical resources (including aerial photographs, Sanborn® and topographic maps, and city directories) dated 1897 to 2017. Findings of the review are presented below.

4.6.1. Aerial Photographs

Langan reviewed aerial photographs of the Subject Property and surrounding areas for the years 1924, 1941, 1951, 1954, 1961, 1966, 1974, 1976, 1980, 1984, 1991, 1994, 2006, 2009, 2013, and 2017. The photographs indicate that the Subject Property was historically surrounded by undeveloped land, with dense urban development occurring in the 1940s and 1950s. In the 1924 photograph, the northern part of the Subject Property appears to be improved with several buildings while the southwest section of the Subject Property is occupied by Newtown Creek. The remainder of the Subject Property comprises undeveloped land. By 1941, the buildings in the northern part of the Subject Property are no longer present with the exception of a small structure along the northwestern boundary (Lot 6). In 1951, 47th Street had been constructed, transecting the Subject Property. A second roadway is also present in the northeast of the Subject Property (Lot 68). Stockpiled soil is visible on the northern and western parts of the Subject Property in the 1954 photograph. By 1966, the southwestern part of the Subject Property formerly occupied by Newtown Creek appears to have been infilled and the present-day buildings on Lots 68 and 72 are visible. By 1974, the present-day building on Lot 6 is constructed and the remainder of Lots 1 and 6 appear to be used for truck parking between 1974 and 1991. In 1991, multiple stockpiles of material, likely associated with the former C&D processing facility, occupy Lot 1. The stockpiles appear to expand into the northern part of Lot 6 beginning in 2006. The Subject Property remains relatively unchanged between 2006 through 2017. The historical operation of the Subject Property including C&D processing/recycling facility and truck parking is considered a REC.

Land adjoining the Subject Property to the north, east and south remained undeveloped until about 1951. From 1954 to 2006, the area surrounding the Subject Property was developed for various commercial and industrial uses. Unreported spills or violations were not listed in association with these operations; therefore, they are not considered RECs. Copies of aerial photographs are included in Appendix I.

4.6.2. Sanborn® Fire Insurance Maps

A search for historical fire insurance maps for the Subject Property and surrounding properties was conducted by EDR and reviewed by Langan. Sanborn® Maps constitute a database of prior

site uses of real property for many cities and towns in the United States. Langan reviewed Sanborn® Maps for the Subject Property for the years 1902, 1907, 1914, 1933, 1936, 1950, 1951, 1965, 1968, 1977, 1979, 1980, 1981, 1982, 1985, 1986, 1988, 1990 through 1996, 1999, and 2001 through 2007. Maps from 1965 through 1982 only partially cover the Subject Property and appear blank. Copies of Sanborn® Fire Insurance Maps are included in Appendix J.

The Sanborn® Map review revealed that the Subject Property was situated in a low -density industrial area as early as 1902. In 1902, the Subject Property was occupied by several one- to two-story buildings associated with C. Meyer Fertilizer Works and an 'old well' present on the southern part of the Subject Property (Lot 6). By 1914, the former buildings are no longer present and Valvoline Oil Company Oil Depot occupies the Subject Property, including multiple areas labelled 'oil tanks', an auto repair building, storage shed and office building occupy the northern part of the Subject Property (Lots 1 and 72). By 1936, the Subject Property is no longer labelled as the Valvoline Oil Company; several unspecified buildings remain on site included on building labelled "dilapidated". In 1982, 47th Street is observed transecting the Subject Property from north to south and the present-day one-story buildings are visible on the Subject Property; the building on Lot 72 is labelled "motor freight station", the Lot 68 building is labelled "construction office" and the building on Lot 6 is labelled "truck body repair". The Subject Property remains unchanged through 2006. Historical operations on the Subject Property including fertilizer works facility, oil depot, truck repair facility and motor freight station are considered RECs.

Adjoining and surrounding properties to the north, east and south generally consisted of residential buildings, and commercial and industrial operations, and Newtown Creek is observed to the west of the Subject Property. While responsible parties are currently conducting a remedial investigation pursuant to the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), Newtown Creek has potential conditions that pose a material threat of a future release to the environment and is considered a REC.

4.6.3. Historical USGS Topographic Quadrangles

Langan reviewed historical USGS Topographic Quadrangle maps obtained from EDR for information regarding past uses of the Subject Property. Quadrangle maps were available for the Subject Property for the years 1897, 1898, 1900, 1947, 1956, 1967, 1979, 1995, and 2013. Based on a review of the historical topographic maps, the Subject Property has been located in a low density developed area and was improved with several buildings since at least 1897. In maps from 1967 and 1979, present-day buildings on the northeastern and western parts of the Subject Property, respectively, are visible.

The surrounding sites were also developed from as early as 1897 and comprised low density development within a wider network of waterways and marsh land. By 1947, land to the north, east and south of the Subject Property are infilled to create the present-day configuration of the west-adjoining Newtown Creek and Maspeth Creek, north of the Subject Property. The Subject Property and surrounding properties appeared relatively unchanged through 2013. Review of the USGS maps did not reveal any RECs. Copies of the topographic maps are included in Appendix K.

4.6.4. City Directories

The City Directory Abstract, obtained from EDR, is a review of available business directories, including city, cross-reference, and telephone directories, at approximately five-year intervals for the years spanning 1922 through 2017. The directory was obtained for the Subject Property and surrounding area. A copy of the City Directory Abstract report is included in Appendix L.

The Subject Property was not listed in the City Directory. Adjoining properties included residential and commercial entities. A review of the city directory did not reveal any RECs.

4.6.5. Environmental Lien Search

Langan contracted EDR to conduct an environmental lien search for the Subject Property. The results of the search, which included a compilation of available data and verification of the findings with the appropriate regulatory authorities, revealed that there are no environmental liens or other Activity and Use Limitations (AUL) associated with the Subject Property. A copy of the Environmental Lien Search is included in Appendix M.

5.0 SITE RECONNAISSANCE

The site reconnaissance was conducted in a systematic manner focusing on the spatial extent of the Subject Property and progressing to the adjoining and surrounding properties. The assessment of the adjoining and surrounding properties was limited to identifying, if possible, any indications of past or current use that may involve the use, storage, disposal, or generation of hazardous substances or petroleum products; noting the general type of current use; the general topography of the surrounding area; and providing a general description of adjoining and surrounding structures.

The site reconnaissance was performed at 10:00 AM on June 22, 2021 by Tyler Goodnough of Langan, accompanied by Emilio Lamanna, the Subject Property owner, and Phil Bernardo, representative of the User. The weather at the time of the inspection was cloudy with intermittent light rain and approximately 80°F.

5.1. General Site Setting and Reconnaissance Observations

The Subject Property consists of four tax lots totaling approximately 168,000 square feet, and includes contiguous Lots 1 and 6 on the western side of 47th Street, and contiguous Lots 68 and 72 on the eastern side of 47th Street. The Subject Property is improved with three buildings, including a 20,000-square foot warehouse/office building on Lot 6, a 4,000-square foot warehouse/office building on Lot 72, and a 2,000-square foot commercial building on Lot 68. The buildings are all slab-on-grade masonry and steel construction.

Lot 1

Lot 1 is a vacant lot, accessible via a secured gate along 47th Street. During the site reconnaissance, an approximate 1,000-cubic yard stockpile of recycled concrete aggregate (RCA) was observed on the eastern part of the lot. According to Mr. Lamanna, the stockpiled material is remnant of the former concrete processing/recycling operations at the Subject Property.

Lot 6

Lot 6 is accessible via a secured gate on 47th Street and is improved upon with a vacant, slab-on-grade, one-story office/warehouse building with a mezzanine level. Nine vehicle access bay doors are present along the southern and western parts of the building. A locker room, bathroom, and former AST room are also located in the southwestern area of the building. The northern and eastern areas of the building contain office space on the ground floor and mezzanine levels. The building is surrounded by concrete-paved parking areas to the south, east, and west. Several pits were identified in the south-central part of the building including two mechanics pits, one pit

that appeared to be infilled with concrete flush with the building slab, and one pit covered with a metal cover that could not be moved. De minimis oil-like staining was observed throughout the warehouse space interior, near the mechanics pits, throughout the external parking lot area, and underneath an excavator parked along the southern boundary. According to Mr. Lamanna, the building and exterior parts of Lots 1 and 6 were formerly occupied by U.S. Concrete for truck repairs, office space, a small concrete testing laboratory, and a concrete/fill recycling facility. Mr. Lamanna also stated that the recycling facility has been closed as required under the April 2021 Order on Consent (see Section 3.2)

During the site reconnaissance, grading and placement of topsoil was being completed along the western boundary of Lots 1 and 6 to prepare for planting. This activity is being completed to bring the site into compliance with the April 2021 Order on Consent (see Section 3.2).

Lot 68

The building on Lot 68 is a vacant, one-story commercial building surrounded by asphalt-paved parking areas on all sides. According to Mr. Lamanna, Lot 68 was most recently occupied by a delicatessen. The interior of the building on Lot 68 was not accessible during the reconnaissance. De minimis staining was observed in areas of the parked exterior; however, the surface cover appears to be in good condition.

Lot 72

Lot 72 is accessible via a locked gate along 58th Road and is improved with a vacant, slab-on-grade one-story warehouse. Three vehicle access bay doors and warehouse space span the eastern part of the building. The remainder of the building contains office space, bathrooms, utility space and a kitchen area. Oil-like staining was observed on the ground throughout the warehouse. According to Mr. Lamanna, the staining was likely associated with cooking oil resulting from the most recent tenant's operations, and not petroleum products. The building is surrounded by concrete-paved parking areas on all sides. The southern-most part of the lot is currently used by a scaffolding company to stage equipment. An approximate three-gallon, open plastic tub of waste motor oil with nearby de minimis oil-like staining was observed in the east of the parking lot, and de minimis oil-like staining was observed throughout the parking lot areas to the north and east of the building. According to Mr. Lamanna, Lot 72 was most recently occupied by a food services and food truck storage company.

The Lot 6 and Lot 72 buildings contain natural gas- and/or electric-powered heating systems, which mainly consist of ceiling-mounted hot air blower units. HVAC units, including air conditioners, were observed on the roofs and/or on exterior walls of the buildings.

5.2. Pits, Ponds, Lagoons

Several pits were identified in the south-central part of the Lot 6 building including two mechanics pits, one pit that appeared to be infilled with concrete flush with the building slab, and one pit covered with a metal cover that could not be moved. De minimis oil-like staining was observed in the vicinity of the pits; however, surficial concrete cracks, joints or exposed soil were not observed in these stained areas.

Ponds, or lagoons were not observed.

5.3. Pools of Liquid

Pools of liquid were not observed.

5.4. Storm Drains, Wells, and Cisterns

Stormwater drains were observed in the parking areas on eastern and northern parts of the Subject Property (Lots 6 and 72). Floor drains were also observed in the bathrooms of these buildings. A large collection drain was observed in a concrete testing room at the northern side of the building on Lot 6.

Trench drains were observed inside the Lot 6 and Lot 72 buildings. Black oil-like residue was observed inside a concrete-lined trench drain along the southern side of the Lot 6 building. An oily residue, suspected to be from cooking oil, was also observed in a clogged trench drain on the north-central part of the Lot 72 building as well as inside a stormwater drain located on Lot 72. Odors were not observed at any of the drain locations.

Four, large metal and concrete hatches were observed along the southern boundary of the Subject Property (Lot 6). According to Mr. Lamanna, the covers are associated with four large stormwater collection basins that accept water from the drains inside and around the building on Lot 6. Mr. Lamanna stated that the basins drain directly to the subsurface and the remaining drains at the Subject Property are reportedly connected to the New York City municipal or sanitary systems.

No wells were observed at the Subject Property.

5.5. Polychlorinated Biphenyl (PCB) Transformers and Other Suspect Equipment

Suspect PCB-containing transformers and other equipment were not observed.

5.6. Storage Containers, Drums, and Chemical Storage Areas

The following storage containers were observed at the Subject Property:

Container Type	Size	Contents	Location
Seven metal cans	2.5 to 5 gallons	Gasoline	Parking lot south of Lot 72 building
Three metal cans (empty)	Five gallons	Diesel (empty)	Parking lot south of Lot 72 building
Two plastic buckets	5 gallons	Paint, disinfectant/cleaner	Parking lot south of Lot 72 building
Six plastic bottles	1 gallon	Household cleaners	Northeastern corner of Lot 6 building
Metal drum (empty)	55 gallons	Antifreeze/coolant (empty)	Northern exterior wall of Lot 6 building
Plastic bucket	5 gallons	Hydraulic oil	Northern exterior wall of Lot 6 building

Langan did not observe evidence of spills or releases associated with these containers.

5.7. Sewage Ejector Pits and Sumps

Two sumps were observed at the Subject Property located in the northeastern part of the Lot 6 building and in a small concrete enclosure on the eastern part of Lot 1. Odors, staining and/or sheen were not observed at either sump location. Ejector pits were not observed on the Subject Property.

5.8. Waste Generation, Storage, and Disposal

Two, roll-off containers containing trees/branches and other debris from ongoing grubbing and regrading activities were observed on Lot 6. The waste was generated as a result of the work performed to bring the Subject Property into compliance with the NYSDEC Consent Order, dated April 2021 (see Section 3.2). Other waste generation at the Subject Property was not observed.

5.9. Air Emissions or Wastewater Discharges

Air emissions or wastewater discharges were not observed.

5.10. USTs or ASTs

One empty 275-gallon AST was observed at the Subject Property along the west-central exterior wall of the building on Lot 6. Staining and/or odors were not observed in the vicinity of the AST. Evidence of former ASTs was observed in the west-central part of the Lot 6 building, including remnants of concrete secondary containments, cut vent and fill pipes, oil feed lines on the wall, and de minimis, surficial oil-like staining. The concrete floors in the vicinities of the former ASTs

appeared to be in good condition and free of cracks; however, staining was observed near wall/floor seams were present near the former AST area.

Two vent pipes were observed on the southeastern exterior wall of the building on Lot 6. According to Mr. Lamanna, the pipes were associated with former USTs that were located in the southeastern part of the Subject Property (Lot 6). A small steel cover labeled "test" was also observed in the parking lot that may have been associated with the former USTs. Mr. Lamanna stated that the USTs on the Subject Property had all been closed and removed to the satisfaction of NYSDEC in 2017 (see Section 4.2). Staining or odors were not observed around these features.

5.11. Monitoring Wells or Remedial Activities

Monitoring wells or evidence of remedial activities were not observed. At the time of the reconnaissance, regrading and filling activities were ongoing along the western boundaries of Lots 1 and 6. These activities are ongoing to bring the Subject Property into compliance with the NYSDEC Order on Consent, dated April 2021 (see Section 3.2).

5.12. Stained or Discolored Soil

Stained or discolored soil was not observed.

5.13. Leachate or Seeps

Evidence of leachate or seeps was not observed.

5.14. Adjoining and Surrounding Property Uses

Adjoining and surrounding properties include commercial buildings, and manufacturing/ industrial buildings. The Subject Property is bound by 58th Road followed by the City of New York Department of Sanitation District 5 Garage to the north, distribution warehouses and a waste collection company to the east, a NYCDEP Newtown Creek aeriation facility to the south, and Newtown Creek and associated wetlands to the west. Several vent pipes and an apparent UST were observed at the northern adjoining sanitation garage, about 100 feet north-northeast of the Subject Property. With the exception of the DSNY garage, fill ports or vents were not identified on adjoining and surrounding properties.

6.0 INTERVIEWS

6.1.1 Site Owner/Operator

Langan conducted an interview with Emilio Lamanna, the Subject Property owner, during the site reconnaissance. Mr. Lamanna stated that his family had been associated with the Subject Property since the early 1980s. Additional information provided by Mr. Lamanna is discussed in Section 5.0.

6.1.2 Owners/Tenants of Adjoining Properties

Owners/tenants of adjoining properties were not interviewed as part of this Phase I ESA.

7.0 ADDITIONAL SERVICES

7.1. Radon

Radon is a colorless, odorless radioactive gas that results from the natural breakdown of uranium minerals in soil, rock, and water, which subsequently enters the atmosphere. It can concentrate in buildings, entering through cracks and other penetrations of a building foundation. Some areas are more likely to have elevated concentrations of radon than others, reflecting subsurface lithological conditions.

The USEPA has established a recommended radon action level of 4.0 pico Curies per liter (pCi/L). According to the USEPA Radon Zone Map, the Subject Property is located in Zone 3, which indicates a predicted average indoor radon screening level less than 2 pCi/L. Based on federal data included in the EDR report, 81 homes were tested in Queens County with average concentrations of 0.970 pCi/L and 0.620 pCi/L in basements and living areas, respectively. Ninety-three percent of basements and 97% of living areas had concentrations below 4 pCi/L. Based on this information, it is unlikely that elevated levels of radon gas are present at the Subject Property.

8.0 DEVIATIONS AND DATA GAPS

8.1. Deviations

Langan performed a Phase I ESA of the Subject Property using a standard of good commercial and customary practice that is consistent with the ASTM E1527-13 and the 40 CFR Part 312 Standards and Practices for AAI. Significant deviations were not made to the above referenced standards.

8.2. Data Gaps

In order to address data gaps, additional sources of information may be consulted. According to AAI, Section 312.20 (g), "to the extent there are data gaps (as defined in section 312.10) in the information developed…that affect the ability of persons (including the environmental professional) conducting the all appropriate inquiries to identify conditions indicative of releases or threatened releases...such persons should identify such data gaps, identify the sources of information consulted to address such data gaps, and comment upon the significance of such data gaps." According to ASTM E1527-13, Section 8.3.2.3, "historical research is complete when either: (1) the objectives in 8.3.1 through 8.3.2.2 are achieved; or (2) data failure is encountered. Data failure occurs when all standard historical sources that are reasonably ascertainable and likely to be useful have been reviewed and yet the objectives have not been met. If data failure is encountered, the report shall document the failure, and if any of the standard historical sources were excluded, give the reasons for the exclusion."

This Phase I ESA was completed without significant data gaps except that responses to FOIA letters have not been received from all recipients. Sufficient information was provided from other sources to enable conclusions regarding RECs at the Subject Property. As such, this data gap is not expected to alter the results of the Phase I ESA. If information becomes available that alters the conclusions of this report, an addendum will be issued.

9.0 FINDINGS, OPINIONS, AND CONCLUSIONS

This Phase I ESA was conducted in accordance with ASTM E1527-13 and the USEPA AAI Rule. The objective of this Phase I ESA was to identify the presence or likely presence, use, or release on the Subject Property of hazardous substances or petroleum products as defined in ASTM E1527-13 as a REC.

Based on information obtained during the visual inspection of the Subject Property; review of environmental databases and historic information; and contact with federal, state, and local agencies. CRECs were not identified. Two RECs, one HREC, three BERs, one de minimis condition and one non-ASTM consideration were identified and are discussed below.

REC

A REC is defined by ASTM E1527-13 as the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property due to any release to the environment, under conditions indicative of a release to the environment, or under conditions that pose a material threat of a future release to the environment. The following RECs were identified:

REC 1 – Historical Use of Subject Property

Historical operations at the Subject Property included a 'fertilizer works' facility (1902 to 2014), an oil depot with petroleum bulk storage (1914 to 1936), truck parking (1974 to 1991), truck repair (1982 to 2006), a waste transfer facility with petroleum bulk storage (2004 to 2021), and auto repair (2013, 2014) on Lots 1 and 6; and a motor freight station with petroleum bulk storage (1963, 1982 to 2006) on Lot 72. The Subject Property is listed as an active facility on the SWF/LF database for the processing of C&D waste; however, based on the site reconnaissance this operation ceased in early 2021. Historical operations at the Subject Property may have resulted in inadvertent releases of hazardous substances or petroleum products.

REC 2 – Western-Adjoining Superfund Site

Newtown Creek, which is listed in the National Priority List (NPL) and Superfund Enterprise Management System (SEMS) databases. Contamination in the creek is attributed to combined sewer overflow (CSO) and historical industrial facilities on the creek banks. Facilities included over 50 oil refineries, petrochemical plants, fertilizer and glue factories, sawmills, and lumber and coal yards. A remedial investigation is presently underway for the entire Creek and a focused feasibility study (FFS) is currently being prepared by responsible parties regarding a combined sewer outfall (CSO) long term control plan, pursuant to the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). Given that the remedial investigation and

a focused feasibility study are underway by the responsible parties, it is unknown as to whether there is any impact to the Subject Property.

HREC

A HREC is defined by ASTM E1527-13 as the past release of any hazardous substances or petroleum products that has occurred in connection with the Subject Property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the Subject Property to any required controls.

HREC 1 – Closed Spills on the Subject Property

The Subject Property is listed on the LTANKS and NY SPILLS databases for six spills, outlined below:

- NYSDEC Spill No. 94-11004 was reported on November 17, 1994 was after the release of an unknown volume of gasoline. The spill was administratively closed on November 17, 1994.

- NYSDEC Spill No. 97-09690 was reported on November 20, 1997 after the release of an unknown volume of diesel oil on soil. No further information regarding the spill was provided. The spill was administratively closed on January 8, 1998

- NYSDEC Spill No. 98-12248 was reported on January 4, 1999 after petroleum-impacted soil was identified during removal of a UST. Petroleum-impacted soil was removed and documentation endpoints samples were collected. The spill was remediated to the satisfactory of NYSDEC and the spill was administratively closed on July 12, 2006.

- NYSDEC Spill No. 07-09978 was reported after a UST failed a tank tightness test on December 18, 2007. The tank lines were re-tested and it was determined that the vent line failed due to a loose fitting. Evidence of petroleum contamination to the subsurface was not observed and the spill was administratively closed December 28, 2007.

- NYSDEC Spill No. 08-08170 was reported on October 21, 2008 after a call was made to the NYSDEC citing active release of petroleum substances, and illegal storage and refueling of vehicles at the Subject Property. A limited subsurface investigation completed in 2009 consisting of advancing six soil borings and collection of soil samples identified petroleum impacts to soil ranging from surface grade to about 8 feet below grade surface. About 381.04 tons of petroleum-impacted soil was excavated and disposed of in 2010. Documentation soil samples and groundwater samples collected

post-remediation confirmed that the spill was remediated to the satisfaction of the NYSDEC. The spill was administratively closed on October 27, 2012.

- NYSDEC Spill No. 13-06438 was reported on September 19, 2013 after diesel contaminated soil and pea gravel was identified in tank vault during removal of a 4,000-gallon UST. Further information regarding the remediation was unavailable; however, a closure report summarizing the remedial work and analytical data was prepared for NYSDEC. The spill was remediated to the satisfaction of the NYSDEC, and the spill was administratively closed on February 12, 2014.

De Minimis Condition

A de minimis condition is defined by ASTM E1527-13 as a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimis conditions are not recognized environmental conditions nor controlled recognized environmental conditions.

De minimis oil-like staining was observed throughout Lot 6 including the interior warehouse space, near the mechanics pits, in the vicinity of a former ASTs, throughout the concrete-paved parking areas to the south, east, and west of the building, and underneath a parked excavator; and on Lot 72 throughout the interior warehouse space, truck access bays and exterior concrete-paved parking areas. Surficial concrete cracks, joints or exposed soil were not observed in stained areas; however, staining was observed near the wall/floor seams near the former AST area. The staining is considered a de minimis condition.

10.0 REFERENCES

The following references were reviewed as part of this Phase I ESA:

1. City Online Register, https://a836-acris.nyc.gov/DS/DocumentSearch/Index, retrieved June 17, 2021.
2. Department of Environmental Conservation Bulk Storage Database Search, http://www.dec.ny.gov/cfmx/extapps/derexternal/index.cfm?pageid=4, retrieved June 18, 2021.
3. Department of Environmental Conservation Spills Incidents Database Search, http://www.dec.ny.gov/cfmx/extapps/derexternal/index.cfm?pageid=2, retrieved June 18, 2021.
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5. Environmental Data Resources, Inc. June 14, 2021. Aerial Photo Decade Package.
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12. Federal Emergency Management Agency Flood Map Service Center, retrieved June 16, 2021.
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15. Federal Emergency Management Agency (FEMA) Flood Map Service Center, https://msc.fema.gov/portal/home, retrieved June 18, 2021.
16. New York City Department of Buildings, Building Information System, http://a810-bisweb.nyc.gov/bisweb/bispi00.jsp, retrieved June 18, 2021.

17. New York City Planning Commission, New York City's Zoning & Land Use Map, https://zola.planning.nyc.gov/about#9.72/40.7125/-73.733, retrieved June 17, 2021.

18. NYC Oasis Map, http://www.oasisnyc.net/map.aspx, retrieved June 17, 2021.

19. NYSDOH Measured Basement, First Floor Screening Radon Levels (December 2020), https://www.health.ny.gov/environmental/radiological/radon/towns.htm retrieved June 18, 2021.

20. NYSDEC Order on Consent R2-20210416-53, 58-20 47th Street, Maspeth, NY (Block 2601, Lot 1) and 57-00 47th Street, Maspeth, NY (Block 2601, Lot 6), dated April 2021

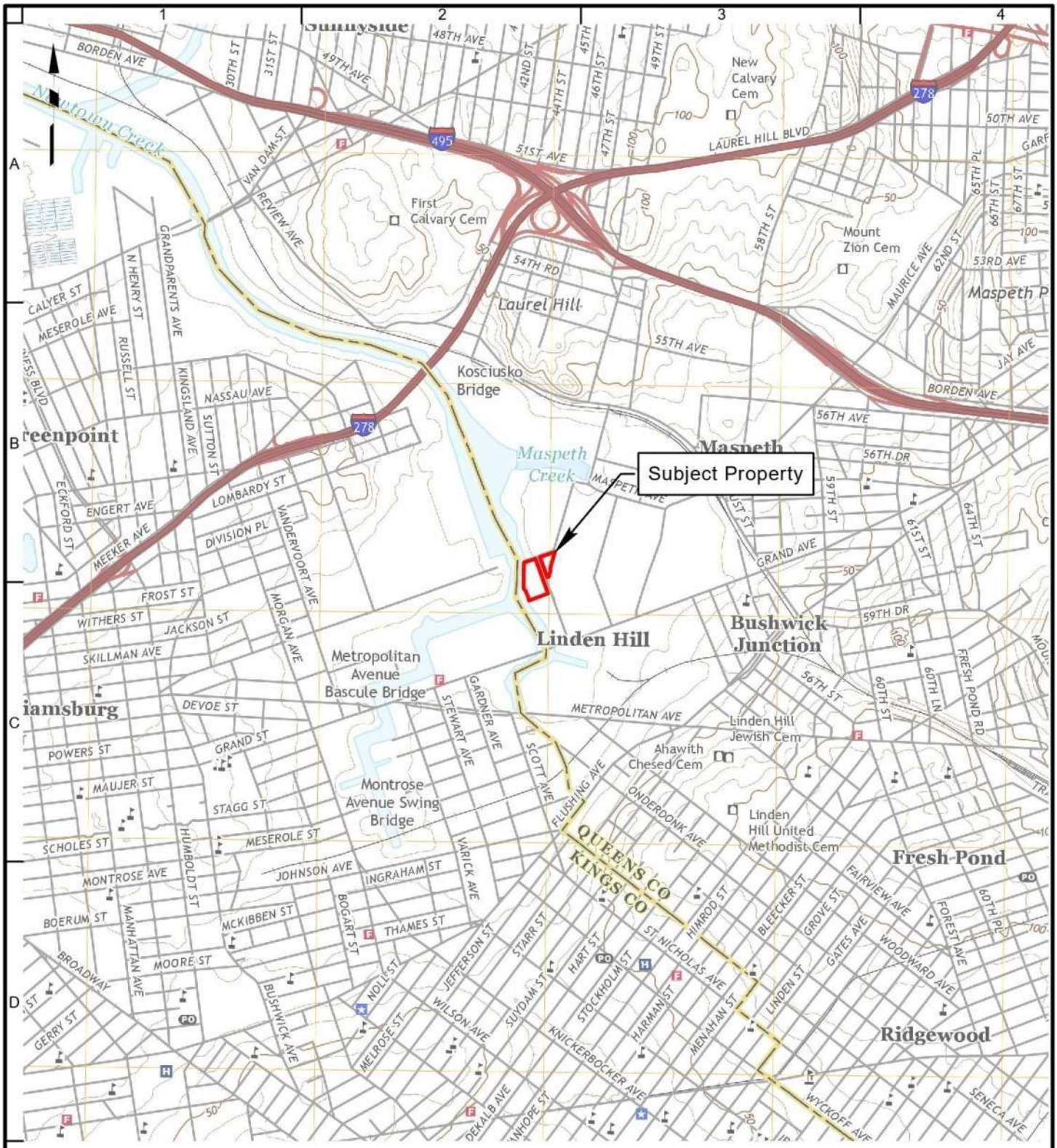
11.0 STATEMENT OF QUALIFICATIONS AND SIGNATURES

Langan declares that, to the best of its professional knowledge and belief, the personnel who performed this Phase I ESA meet the definition of Environmental Professional as defined in Subsection 312-10 of 40 CFR Part 312 and that they have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Subject Property. They have developed and performed the AAIs in conformance with the standards and practices set forth in 40 CFR Part 312. Resumes outlining the qualifications of the Environmental Professionals who performed this Phase I ESA are included in Appendix N.

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology D.P.C.

Jeffrey Stoicescu, PE
Vice President/Senior Associate

Figures



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Project	57-00, 57-05, 57-57 AND 58-20 47th STREET BLOCK Nos. 2601, 2602 LOT Nos. 1, 6, 68, 72 QUEENS NEW YORK
Figure Title	SUBJECT PROPERTY LOCATION MAP
Project No.	170686701
Date	7/6/2021
Scale	1"=2,000'
Drawn By	MG
Submission Date	
Figure No.	1
Sheet	1 of 3

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Legend

Subject Property

6 Tax Parcels

100 0 100

SCALE IN FEET

Notes:
1. World aerial imagery basemap is provided through Langan's Esri and ArcGIS software licensing and ArcGIS online.
2. Tax parcel data provided by the New York City Department of City Planning.

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Project
57-00, 57-05, 57-57 AND 58-20 47th STREET
BLOCK Nos. 2601, 2602
LOT Nos. 1, 6, 68, 72
QUEENS NEW YORK

Figure Title
SUBJECT PROPERTY PLAN

Project No. 170686701	Figure No. 2
Date 7/6/2021	
Scale 1"=100'	
Drawn By MG	
Submission Date	

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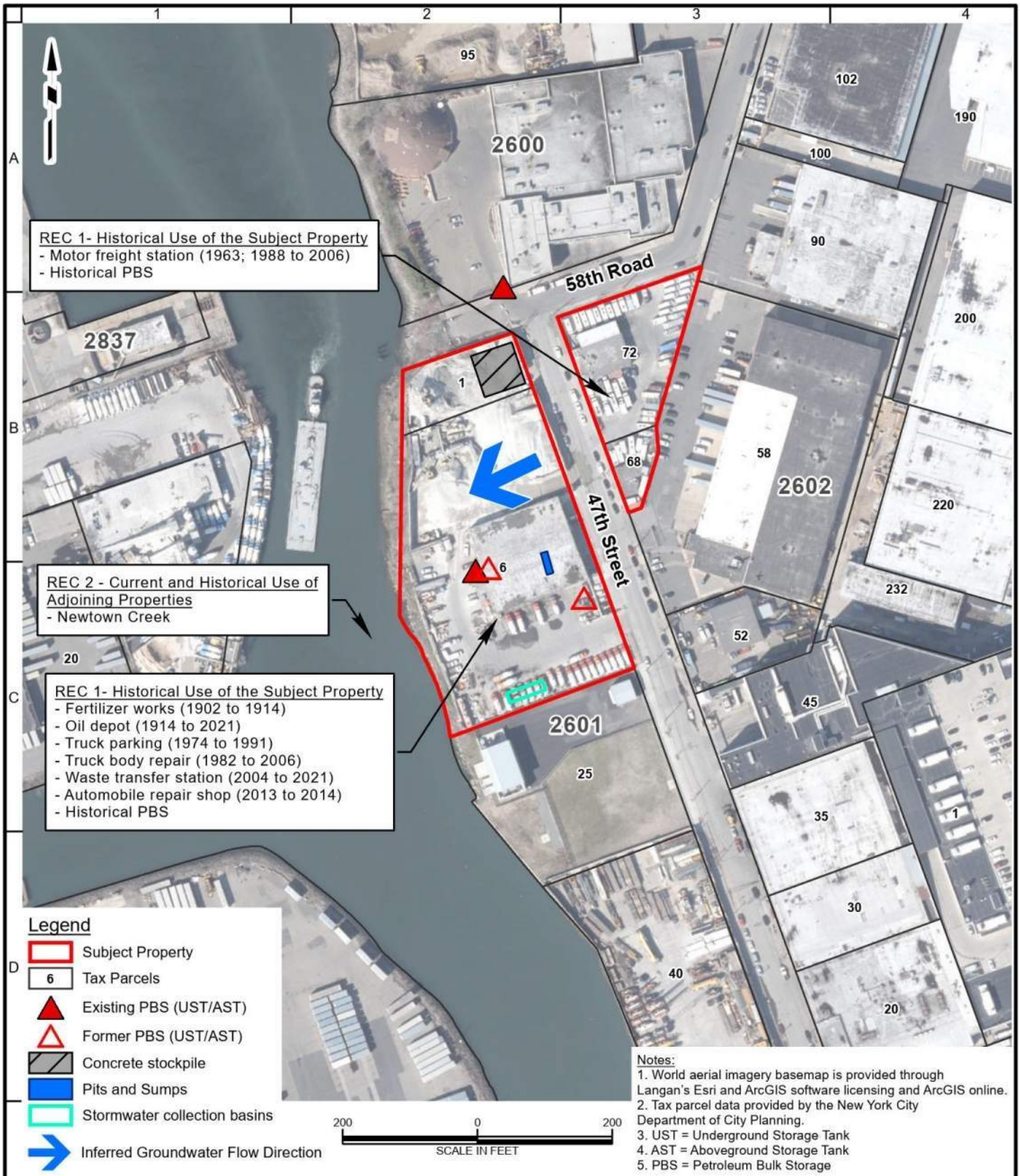

Notes:
1. World aerial imagery basemap is provided through Langan's Esri and ArcGIS software licensing and ArcGIS online.
2. Tax parcel data provided by the New York City Department of City Planning.
3. UST = Underground Storage Tank
4. AST = Aboveground Storage Tank
5. PBS = Petroleum Bulk Storage

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Project
57-00, 57-05, 57-57 AND 58-20 47th STREET
BLOCK Nos. 2601, 2602
LOT Nos. 1, 6, 68, 72
QUEENS NEW YORK

Figure Title
RECOGNIZED ENVIRONMENTAL CONDITIONS MAP

Project No.	170686701
Date	7/21/2021
Scale	1"=200'
Drawn By	MG
Submission Date	
Figure No.	3
Sheet	3 of 3

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PHASE II ENVIRONMENTAL SITE INVESTIGATION REPORT

for

57-00, 57-05, 57-57 and 58-20 47th Street Maspeth, Queens, New York

Prepared For:

Bay Crane Service of New York
11-02 43rd Street
Long Island City, New York 11101

Prepared By:

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Jeffrey Stoicescu, PE
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July 26, 2021
Langan Project No. 170686701

LANGAN

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1.0 INTRODUCTION

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) prepared this Phase II Environmental Site Investigation (ESI) report on behalf of Bay Crane Service of New York for the properties located at 57-00, 57-05, 57-57, and 58-20 47th Street in the Maspeth neighborhood of Queens, New York (the site). The Phase II ESI was conducted to investigate the recognized environmental conditions (RECs) identified during the Phase I Environmental Site Assessment (ESA) dated July 21, 2021.

The Phase II ESI included completion of a geophysical survey, advancement of soil borings, installation of temporary groundwater monitoring wells, and collection and laboratory analysis of soil and groundwater samples. The Phase II ESI field work was completed on July 7 through July 9, 2021.

This report is organized as follows:

- Section 2.0: Describes the site background
- Section 3.0: Presents the Phase II ESI methodology
- Section 4.0: Presents the findings of the Phase II ESI
- Section 5.0: Presents conclusions based on the findings
- Section 6.0: Presents limitations

2.0 BACKGROUND

2.1 Site Location and Description

The site is located at 57-00, 57-05, 57-57, and 58-20 47th Street in the Maspeth neighborhood of Queens, New York, and is identified on the Queens Borough Tax Map as Block 2601, Lots 1 and 6 and Block 2602, Lots 68 and 72. The approximately 168,000-square-foot site is situated on the northern part of Block 2601 and northeastern part of Block 2602, and is transected by 47th Street. The site is situated on the city blocks bound by 58th Road to the north, 49th Place to the east, Grand Avenue to the south, and Newtown Creek to the west. The site is improved with a vacant slab-on-grade one-story building with a mezzanine level (Lot 6), and two vacant slab-on-grade one-story buildings (Lots 68 and 72). The remainder of the site is improved with concrete and asphalt parking space.

According to the United States Geological Survey (USGS) Central Park Quadrangle 7.5-minute Series Topographic Map, the site sits at an elevation of about 9 feet above mean sea level (msl) and the surrounding area slopes gradually to the southwest towards Newtown Creek. The site is located within an industrial area characterized by one- to two-story commercial and manufacturing/industrial buildings. A Site Location Map is included as Figure 1.

2.2 Proposed Development

Redevelopment plans for the site are in early development; however, the site may be used in its present-day configuration for crane storage and repair.

2.3 Recognized Environmental Conditions

Langan's July 20, 2021 Phase I ESA identified the following Recognized Environmental Conditions (RECs) for the site:

REC 1 – Historical Use of Subject Property

Historical operations at the Subject Property included a 'fertilizer works' facility (1902 to 1914), an oil depot with petroleum bulk storage (1914 to 1936), truck parking (1974 to 1991), truck repair (1982 to 2006), a waste transfer facility with petroleum bulk storage (2004 to 2021), and auto repair (2013, 2014) on Lots 1 and 6; and a motor freight station with petroleum bulk storage (1963, 1982 to 2006) on Lot 72. The Subject Property is listed as an active facility on the Solid Waste Facilities/Landfill Sites (SWF/LF) database for the processing of construction and demolition (C&D) waste; however, based on the site reconnaissance this operation ceased in early 2021. Historical operations at the Subject Property may have resulted in inadvertent releases of hazardous substances or petroleum products.

REC 2 – Western-Adjoining Superfund Site

Newtown Creek, which is listed in the National Priority List (NPL) and Superfund Enterprise Management System (SEMS) databases. Contamination in Newtown Creek is attributed to combined sewer overflow (CSO) and historical industrial facilities on the creek banks. Facilities included over 50 oil refineries, petrochemical plants, fertilizer and glue factories, sawmills, and lumber and coal yards. A remedial investigation is presently underway for the entire Newtown Creek Superfund Site and a focused feasibility study (FFS) is currently being prepared by responsible parties regarding a combined sewer outfall (CSO) long term control plan, pursuant to the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). Given that the remedial investigation and a focused feasibility study are underway by the responsible parties, it is unknown as to whether there is any impact to the Subject Property.

2.4 Soil and Geology

Geological surface features (e.g., rock outcroppings) were not observed at the site. Baskerville's "Bedrock and Engineering Geologic Maps of New York County and Parts of Kings and Queens Counties, New York, and Parts of Bergen and Hudson Counties, New Jersey", dated 1994, indicates the bedrock underlying the site is part of the Hartland Formation. The Hartland Formation is comprised of mica schist and quartz-feldspar granulite, with localized intrusions of granite and pegmatite. Review of the United States Geographic Services (USGS) Topographic Maps for the site identified infilling along the western and southern parts of the site between 1947 and 1979. Given the development history, historic fill will likely be present.

2.5 Hydrogeology

Groundwater flow is typically topographically influenced, as shallow groundwater tends to originate in areas of topographic highs and flows toward areas of topographic lows, such as rivers, stream valleys, ponds, and wetlands. A broader, interconnected hydrogeological network often governs groundwater flow at depth or in the bedrock aquifer. Groundwater depth and flow direction are also subject to hydrogeological and anthropogenic variables such as precipitation, evaporation, extent of vegetation cover, and coverage by impervious surfaces. Other factors influencing groundwater include depth to bedrock, the presence of artificial fill, and variability in local geology and groundwater sources or sinks. Groundwater is inferred to flow to the southwest towards Newtown Creek. Groundwater was encountered at depths ranging from 8.0 to 11.2 feet below grade surface (bgs) during this Phase II ESI.

Groundwater in New York City is not used as a potable water source. Potable water is provided to the site by New York City and is obtained from surface impoundments in the Croton, Catskill, and Delaware watersheds. According to the current Federal Emergency Management Agency

(FEMA) Effective Flood Insurance Rate Map (FIRM) dated September 5, 2007, the northern and western parts of the site fall within Zone AE, a special flood hazard area with base flood elevation of 10 feet inundated by 1% annual chance of flooding. The remainder of the site falls within Zone X and lies within the area of 0.2% annual chance of flood.

3.0 FIELD INVESTIGATION

The Phase II ESI included completion of a geophysical survey, advancement of eleven environmental soil borings, installation of four temporary groundwater monitoring wells, and collection of eleven soil and four groundwater samples for laboratory analysis. The Phase II ESI field work was completed from July 7 through 9, 2021. A sample summary is included in Table 1 and sample locations are shown on Figure 2. Photographs taken during the field investigation are included in Appendix A.

3.1 Geophysical Survey

Prior to intrusive sampling, NOVA Geophysical & Environmental, Inc. (NOVA), of Douglaston, New York, conducted a geophysical survey on July 7, 2021. NOVA used ground penetrating radar (GPR) and electromagnetic detection equipment to identify potential underground storage tanks (USTs) and locate buried utilities and anomalies across the site. Boring locations were cleared of any subsurface structures or utilities.

A copy of the geophysical survey report is included in Appendix B.

3.2 Soil Investigation

Eleven soil borings, SB01 through SB11, were advanced by Eastern Environmental Solutions, Inc. of Manorville, New York. A Langan field engineer was on-site to document field observations and collect soil samples. Soil borings were advanced using Geoprobe® 7922 DT 2-inch direct push drill rig to depths ranging from 15 to 20 feet below ground surface (bgs). Soil samples were collected continuously into 5-foot Macro-Core® sample barrels lined with dedicated acetate sleeves.

Soil samples retrieved from borings were visually classified for soil type, grain size, texture, and moisture content. Each sample was screened for visual, olfactory, and instrumental evidence of a chemical or petroleum release. Instrumental screening for the presence of organic vapors was performed using a photoionization detector (PID) equipped with a 10.6 electron volt (eV) lamp. Eleven soil samples were collected, one each, from borings SB01 through SB11 for laboratory analysis. Samples were collected from the interval exhibiting the greatest degree of impacts or from representative intervals of historic fill material. Samples submitted for volatile organic compound (VOC) analysis were collected directly from the acetate liner into laboratory-supplied Terra Core® soil samplers. The remaining sample volume was homogenized and placed in laboratory-supplied containers for additional analyses. The sample containers were labeled, placed in a laboratory-supplied cooler, and packed on ice (to attempt to maintain a temperature of about 4°C). The samples were picked up and delivered via courier service to York Analytical

Laboratories Inc. (York) under standard chain-of-custody protocol. York is a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory located in Stratford, Connecticut.

Soil samples were analyzed for Part 375 List and Target Compound List (TCL) VOCs by United States Environmental Protection Agency (USEPA) Method 8260C, semi-volatile organic compounds (SVOCs) by USEPA Method 8270D, pesticides by USEPA Method 8081B, polychlorinated biphenyls (PCBs) by USEPA Method 8082A, and Part 375/Target Analyte List (TAL) metals including hexavalent and trivalent chromium by USEPA Methods 6010C.

Following sample collection, boreholes were backfilled to grade with soil cuttings and the ground surface was restored. Soil boring logs are included in Appendix C, soil boring locations are shown on Figure 2, and a soil sample summary is included in Table 1.

3.3 Groundwater Investigation

Four soil borings, SB01 through SB04, were converted into temporary groundwater monitoring wells. Monitoring wells MW01, MW02 and MW04 were installed by inserting 10 feet of 0.02-inch slotted, one-inch diameter well screen and 10 feet of PVC riser pipe. Monitoring well MW03 was installed by inserting 5 feet of 0.02-inch slotted, one-inch diameter well screen, and 10 feet of PVC riser pipe. Well screens were positioned to straddle the observed water table. The annular space of each monitoring well was backfilled with No. 2 sand to 2 inches bgs and the upper 2 inches of the borehole was sealed to grade surface with bentonite.

Following installation, the monitoring wells were developed and sampled using a peristaltic pump. Prior to sample collection, the wells were purged and attempts were made to stabilize groundwater parameters (pH, conductivity, turbidity, dissolved oxygen, temperature, and oxidation-reduction potential), with turbidity measurements below 50 Nephelometric Turbidity Units (NTU). Following groundwater sample collection, each temporary monitoring well was removed, boreholes were filled to grade surface with non-impacted soil cuttings and No. 2 sand, and patched with concrete. Monitoring well construction logs and groundwater sampling logs are included as Appendix D.

The groundwater samples were collected into laboratory-supplied glassware and delivered via courier service to York. Groundwater samples were analyzed for TCL VOCs by EPA Method 8260, TCL SVOCs by EPA Method 8270, PCBs by EPA Method 8082, pesticides by USEPA Method 8081B, and total and dissolved (field filtered) metals including hexavalent and trivalent chromium by EPA Methods 6010B/7471A. The groundwater monitoring well locations are shown on Figure 2 and a groundwater sample summary is included in Table 1.

4.0 OBSERVATIONS AND RESULTS

4.1 Geophysical Survey

NOVA's geophysical survey identified municipal water, sewer, electric, telecom and/or gas lines entering the buildings on Lots 6, 68 and 72 from 47th Street. An electric line was also observed transecting Lots 1 and 6. The geophysical survey identified anomalies indicative of an oil/water separator on the eastern side of the Lot 6 building and drainage structures within the Lot 6 building and southern part of Lot 6. Anomalies indicative of underground storage tanks (UST) graves were also identified on the southern part of Lot 6. Borings were relocated as necessary to avoid subsurface utilities. A copy of the geophysical survey report is included in Appendix B.

4.2 Subsurface Observations

Fill material, generally consisting of fine-grained sand with varying amounts of fine gravel, silt, brick, wood, and concrete was identified from below surface grade to depths ranging from about 4 to 16 feet bgs. Native soil, typically consisting of fine-grained sand and silt with varying amounts of medium sand, peat and fine gravel was identified beneath the fill layer to the boring termination depths ranging from 5 to 20 feet bgs.

Petroleum-like odors, staining, and PID readings above background levels were each identified at the following locations:

Soil Boring	Depth Interval (feet bgs)	Maximum PID (ppm)	Other Observations
SB01	10 to 12	76.1	Petroleum-like odor; staining
SB02	10 to 11	17	Petroleum-like odor; staining
	17 to 18	192.8	Petroleum-like odor; staining
SB04	8 to 11	50.3	Petroleum-like odor; staining

*ppm = parts per million

Groundwater was encountered in soil borings at depths ranging from 8 to 11.2 feet bgs. Petroleum-like odors and PID readings of 8.6 ppm and 49.7 ppm were observed from the headspace of monitoring wells MW02 and MW04, respectively. Purge water from these locations exhibited gray and brown discoloration; however, sheen or free product was not observed.

4.3 Soil Sample Results

Soil sample analytical results were compared to Title 6 of the New York Codes, Rules and Regulations (NYCRR) Part 375 Commercial Use (CU) and Industrial Use (IU) Soil Cleanup Objectives (SCOs). Analytes exceeding the CU and/or IU SCOs are summarized below. SCOs are listed in parentheses. Exceedances of IU SCOs are in bold. Soil sample analytical results are summarized in Table 2, and analytical laboratory reports are included in Appendix E.

SVOCs – SVOCs were detected in SB03, SB07, and SB11 above the CU and/or IU SCOs as summarized below:

- Benzo(a)anthracene – **64.8 milligrams per kilogram (mg/kg)** in SB07_8-9 (CU SCO: 5.6 mg/kg; IU SCO: 11 mg/kg)
- Benzo(a)pyrene – 1.08 mg/kg in SB03_2-3; 3.84 mg/kg in SB-11_13-14; **47.1 mg/kg** in SB07_8-9 (CU SCO: 1 mg/kg; IU SCO: 1.1 mg/kg)
- Benzo(b)fluoranthene – **39.2 mg/kg** in SB07_8-9 (CU SCO: 5.6 mg/kg; IU SCO: 11 mg/kg)
- Chrysene – 65.2 mg/kg in SB07_8-9 (CU SCO: 56 mg/kg)
- Dibenzo(a,h)anthracene – 0.748 mg/kg in SB11_13-14 to **9.53 mg/kg** in SB07_8-9 (CU SCO: 0.56 mg/kg; IU SCO: 1.1 mg/kg)
- Indeno(1,2,3-cd)pyrene – **26.7 mg/kg** in SB07_8-9 (CU SCO: 5.6 mg/kg; IU SCO: 11 mg/kg)

Metals – Metals were detected in SB-07, SB-10, and SB-11 above their respective CU and/or IU SCOs as summarized below:

- Arsenic – **27.6 mg/kg** in SB10_3-4 (CU/IU SCO: 16 mg/kg)
- Lead – 1,840 mg/kg in SB10_3-4 (CU SCO: 1,000 mg/kg)
- Mercury – 2.97 mg/kg in SB10_3-4; 4.22 mg/kg in SB-11_13-14; 5.33 mg/kg in SB07_1-2 (CU SCO: 2.8 mg/kg)

VOCs, Pesticides and PCBs

VOCs, pesticides and PCBs were not detected at concentrations above CU and/or IU SCOs.

4.4 Groundwater Sample Results

Groundwater results were compared to the NYSDEC Division of Water Technical and Operation Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values (SGVs) for Class GA (drinking water). Analytical results from the groundwater sample are summarized in Table 3.

VOCs were detected in samples collected from MW02 and MW04 at concentrations above the NYSDEC TOGS SGVs and are summarized below. SGVs are listed in parentheses:

- 1,2-Dichloropropane – 7 milligrams per liter (µg/L) in MW02 (SGV: 1 µg/L)
- Isopropylbenzene – 5.1 µg/L in MW02 (SGV: 5 µg/L)
- N-Propylbenzene – 6 µg/L in MW02 (SGV: 6 µg/L)
- Methyl tert-butyl ether (MTBE) - 73 µg/L in MW04 (SGV: 10 µg/L)

SVOCs were detected in samples collected from MW03 at concentrations above the NYSDEC TOGS SGVs and are summarized below.

- Benzo(a)anthracene – 0.564 µg/L (SGV: 0.002 µg/L)
- Benzo(a)pyrene – 0.523 µg/L (SGV: 0.002 µg/L)
- Benzo(b)fluoranthene – 0.369 µg/L (SGV: 0.002 µg/L)
- Benzo(k)fluoranthene – 0.41 µg/L (SGV: 0.002 µg/L)
- Chrysene – 0.523 µg/L (SGV: 0.002 µg/L)
- Indeno(1,2,3-cd)pyrene – 0.297 µg/L (SGV: 0.002 µg/L)

Total and dissolved metals that were detected in the samples collected from MW01 through MW04 at concentrations above the SGVs and are summarized below.

- Total Antimony – 4.34 µg/L in MW03 (SGV: 3 µg/L)
- Total Arsenic – 37.6 µg/L in MW03 (SGV: 25 µg/L)
- Total Iron – 7,420 µg/L in MW04 to 11,100 µg/L in MW01 (SGV: 300 µg/L)
- Dissolved Iron – 5,740 µg/L in MW03 to 11,400 µg/L in MW01 (SGV: 300 µg/L)
- Total Lead - 419 µg/L in MW03 (SGV: 25 µg/L)
- Total Magnesium – 38,800 µg/L in MW01 (SGV: 35,000 µg/L)
- Dissolved Magnesium – 39,900 µg/L in MW01 (SGV: 35,000 µg/L)
- Total Manganese – 1,490 µg/L in MW01 to 3,090 µg/L in MW02 (SGV: 300 µg/L)
- Dissolved Manganese – 1,560 µg/L in MW01 to 3,100 in MW02 (SGV: 300 µg/L)
- Total Sodium – 67,100 µg/L in MW02 to 110,000 µg/L in MW04 (SGV: 20,000 µg/L);
- Dissolved Sodium – 71,900 µg/L in MW02 to 126,000 µg/L in MW04 (SGV: 20,000 µg/L)

5.0 CONCLUSIONS

The following is a summary of Phase II findings:

- Anomalies indicative of an oil/water separator and underground storage tanks (UST) graves were identified on the Eastern and southern part of Lot 6, respectively.
- Fill material, generally consisting of fine-grained sand with varying amounts of fine gravel, silt, brick, wood, and concrete was identified from below surface grade to depths ranging

from about 4 to 16 feet bgs. Native soil, typically consisting of fine-grained sand and silt with varying amounts of medium sand, peat and fine gravel was identified beneath the fill layer to the boring termination depths, ranging from 5 to 20 feet bgs.

- Groundwater was encountered at depths ranging from 8 to 11.5 feet bgs.
- Petroleum-like odors, staining, and PID readings were each identified in soil borings SB01, SB02, and SB04 at depths ranging from 8 to 18 feet bgs. Impacts were generally identified at or below the groundwater table; petroleum-related VOCs and SVOCs were not detected above CU SCOs in the soil samples collected from these borings.
- SVOCs and metals were detected in soil samples at a concentrations above CU and/or IU SCOs in one or more boring. Generally, concentrations were consistent with historic fill in New York City and are not indicative of a point source or release. Concentrations of SVOCs above IU SCOs identified in SB07_8-9 may be attributed to historical site operations or historic fill quality.
- VOCs were not identified in soil about CU and/or IU SCOs; however, MTBE was identified in monitoring wells site-wide, with concentrations exceeding the NYSDEC TOGS SGVs in up-gradient monitoring well MW04. Select petroleum-related VOCs were also identified in monitoring well MW02 above the NYSDEC TOGS SGVs. Petroleum-related VOCs in groundwater may be attributed to historical on-site operations.
- SVOCs were identified in one monitoring well, MW03, above the NYSDEC TOGS SGVs. These exceedances are likely the result of entrained sediment in groundwater derived from historic fill.
- Total antimony, arsenic, iron, lead, magnesium, manganese, and sodium and dissolved iron, magnesium, manganese and sodium were detected in groundwater at a concentrations exceeding TOGS SGVs. Detections of iron, magnesium, manganese and sodium are naturally-occurring and the observed concentrations are not indicative of groundwater contamination. Because dissolved antimony, arsenic, and lead were not identified in groundwater at concentrations greater than the SGV, detections of these total metals in groundwater are likely the result of entrained sediment in groundwater derived from historic fill.

6.0 LIMITATIONS

This report was prepared expressly for Bay Crane Service of New York, for the property located at 57-00, 57-05, 57-57 and 58-20 47th Street, in Maspeth, Queens, New York, and for the objectives defined herein. Langan cannot assume responsibility for the use of this report for any property other than the specific site addressed in this report, or by any third party without specific written authorization from Langan.

The conclusions and opinions provided in this report are based on subsurface conditions ascertained from the analysis of a limited number of samples. Actual conditions encountered may differ substantially from those presented herein and should be brought to our attention whereby we may determine how such changes may affect our conclusions and opinions.

TABLES

Table 1
Phase II Environmental Site Investigation
Sample Summary

57-00, 57-05, 57-57 and 58-20 47th Street
Maspeth, Queens, New York
Langan Project No. 170686701

No.	Sample Location	Sample ID	Sample Date/Time	Sample Collection Depth (feet bgs)	Sampling Rationale	Sample Analyses
SOIL						
1	SB01	SB01_10-11	7/7/2021	10 to 11	interval of greatest impact	TCL/Part 375 VOCs & SVOCs, PCBs, Pesticides and TAL/Part 375 Metals (including cyanide and hexavalent and trivalent chromium)
2	SB02	SB02_17-18	7/8/2021	17 to 18	interval of greatest impact	
3	SB03	SB03_2-3	7/7/2021	2 to 3	historic fill	
4	SB04	SB04_8-9	7/8/2021	8 to 9	interval of greatest impact	
5	SB05	SB05_1-2	7/8/2021	1 to 2	historic fill	
6	SB06	SB06_2-3	7/8/2021	2 to 3	historic fill	
7	SB07	SB07_8-9	7/7/2021	8 to 9	historic fill	
8	SB08	SB08_1-2	7/721	1 to 2	historic fill	
9	SB09	SB09_13-14	7/7/2021	13 to 14	historic fill	
10	SB10	SB10_3-4	7/7/2021	3 to 4	historic fill	
11	SB11	SB11_13-14	7/721	13 to 14	historic fill	
GROUNDWATER						
1	MW01	MW01_070821	7/8/2021	Center of water column	Groundwater	TCL VOCs, SVOCs, PCBs, and TAL Metals (total and dissolved [field filtered])
2	MW02	MW02_070921	7/9/2021			
3	MW03	MW03_070921	7/9/2021			
4	MW04	MW04_070921	7/9/2021			
QA/QC						
	N/A	SOFB01_042820	4/28/2020	N/A	Field Blank	TCL/Part 375 VOCs & SVOCs, PCBs, Pesticides and TAL/Part 375 Metals (including cyanide and hexavalent and trivalent chromium)
	N/A	GWFB01_043020	4/30/2020		Field Blank	TCL VOCs, SVOCs, PCBs, and TAL Metals

Notes:
1. Sample depth intervals were determined in the field.
2. Soil samples to be analyzed for New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules and Regulations (6 NYCRR) Part 375-list compounds.
3. VOC = volatile organic compound
4. SVOC = semivolatile organic compound
5. PCB = polychlorinated biphenyl
6. N/A = Not Applicable
7. TCL = Target Compound List
8. TAL = Target Analyte List
9. QA/QC = quality assurance/quality control

Table 2
Phase II Environmental Site Investigation
Soil Sample Analytical Results Summary

57-00, 57-05, 57-57 and 58-20 47th Street
Maspeth, Queens, New York
Langan Project No.: 17068701

Location			SB01		SB02		SB03		SB04		SB05		SB06		SB07		SB08		SB09		SB10		SB11	
Sample ID	NYSDEC Part 375 Restricted Use Commercial SCOs	NYSDEC Part 375 Restricted Use Industrial SCOs	SB01_10-11		SB02_17-18		SB03_2-3		SB04_8-9		SB05_1-2		SB06_2-3		SB07_8-9		SB08_1-2		SB09_13-14		SB10_3-4		SB11_13-14	
Laboratory ID			21G0279-01		21G0351-01		21G0279-02		21G0351-02		21G0351-03		21G0351-04		21G0279-06		21G0351-05		21G0279-03		21G0279-04		21G0279-05	
Sample Date			7/7/2021		7/8/2021		7/7/2021		7/8/2021		7/8/2021		7/8/2021		7/7/2021		7/8/2021		7/7/2021		7/7/2021		7/7/2021	
Sample Depth (feet bgs)			10-11		17-18		2-3		8-9		1-2		2-3		8-9		1-2		13-14		3-4		13-14	
Volatile Organic Compounds (mg/kg)																								
1,2,4-Trimethylbenzene	190	380	0.0021	U	1.2	U	0.0029	U	0.19	U	0.0027	U	0.0024	U	0.027		0.0055		0.0033	U	0.0041	U	0.41	U
1,3,5-Trimethylbenzene (Mesitylene)	190	380	0.0021	U	1.2	U	0.0029	U	0.19	U	0.0027	U	0.0024	U	0.025		0.004	J	0.0033	U	0.0041	U	0.41	U
Acetone	500	1,000	0.0041	U	2.5	U	0.023		0.38	U	0.0054	U	0.0048	U	0.029		0.22	E	0.025		0.031		1.2	JD
Bromomethane	~	~	0.0021	U	1.2	U	0.0029	U	0.19	U	0.0027	U	0.0024	U	0.0021	U	0.0025	U	0.0033	U	0.022	B	0.41	U
Carbon Disulfide	~	~	0.0021	U	1.2	U	0.0029	U	0.19	U	0.0027	U	0.0024	U	0.0022	J	0.0025	U	0.0036	J	0.0059	J	0.41	U
Chloromethane	~	~	0.0021	U	1.2	U	0.0029	U	0.34	JBD	0.0027	U	0.0024	U	0.0021	U	0.0025	U	0.0033	U	0.029	B	0.77	JBD
Isopropylbenzene (Cumene)	~	~	0.022		1.2	U	0.0029	U	0.19	U	0.0027	U	0.0024	U	0.0021	U	0.0025	U	0.0033	U	0.0041	U	0.41	U
Methyl Acetate	~	~	0.0021	U	1.2	U	0.0029	U	0.19	U	0.0027	U	0.0024	U	0.0021	U	0.0025	U	0.0033	U	0.0041	U	1.8	D
Methyl Ethyl Ketone (2-Butanone)	500	1,000	0.0021	U	1.2	U	0.0029	U	0.2	JD	0.0027	U	0.0024	U	0.007		0.016		0.0071		0.0041	U	0.78	JD
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	~	~	0.0021	U	1.2	U	0.0029	U	0.19	U	0.0027	U	0.0024	U	0.0021	U	0.0037	J	0.0033	U	0.0041	U	0.41	U
Methylcyclohexane	~	~	0.0021	U	450	D	0.0029	U	0.19	U	0.0027	U	0.0024	U	0.0021	U	0.0025	U	0.0033	U	0.0041	U	0.41	U
n-Butylbenzene	500	1,000	0.027		1.2	U	0.0029	U	0.26	JD	0.0027	U	0.0024	U	0.0022	J	0.0025	U	0.0033	U	0.0041	U	2.1	D
n-Propylbenzene	500	1,000	0.039		1.2	U	0.0029	U	0.19	U	0.0027	U	0.0024	U	0.0029	J	0.0025	U	0.0033	U	0.0041	U	0.41	U
o-Xylene (1,2-Dimethylbenzene)	~	~	0.0021	U	1.2	U	0.0029	U	0.19	U	0.0027	U	0.0024	U	0.0021	U	0.0034	J	0.0033	U	0.0041	U	0.41	U
p-Cymene (p-Isopropyltoluene)	~	~	0.0021	U	1.2	U	0.0029	U	0.19	U	0.0027	U	0.0024	U	0.0068		0.005	J	0.0033	U	0.0041	U	0.41	U
Sec-Butylbenzene	500	1,000	0.035		1.2	U	0.0029	U	0.2	JD	0.0027	U	0.0024	U	0.0041	J	0.0025	U	0.0033	U	0.0041	U	0.41	U
Tert-Butyl Alcohol	~	~	0.0021	U	1.2	U	0.0029	U	0.19	U	0.0027	U	0.0024	U	0.0021	U	0.0025	U	0.0033	U	0.058		0.41	U
Toluene	500	1,000	0.0021	U	1.2	U	0.0029	U	0.19	U	0.0027	U	0.0024	U	0.0021	U	0.0059		0.0033	U	0.0063	J	0.41	U
Semivolatile Organic Compounds (mg/kg)																								
2-Methylnaphthalene	~	~	0.0482	U	0.0504	U	0.0522	JD	0.138	D	0.0427	U	0.0434	U	1.73	D	1.23	D	0.0597	U	0.234	D	0.724	D
3 & 4 Methylphenol (m&p Cresol)	500	1,000	0.0482	U	0.0504	U	0.0467	U	0.0453	U	0.0427	U	0.0434	U	0.226	U	0.0484	U	0.0597	U	0.0457	U	0.197	D
Acenaphthene	500	1,000	0.0482	U	0.451	D	0.101	D	0.0453	U	0.0427	U	0.0434	U	11.6	D	0.0796	JD	0.0597	U	0.0457	U	2.42	D
Acenaphthylene	500	1,000	0.0482	U	0.0504	U	0.116	D	0.0453	U	0.0427	U	0.0434	U	0.692	D	0.0788	JD	0.0597	U	0.0457	U	0.0689	U
Anthracene	500	1,000	0.132	D	0.0504	U	0.335	D	0.0809	JD	0.0427	U	0.0434	U	42.4	D	0.161	D	0.0597	U	0.556	D	3.96	D
Benzo(a)anthracene	5.6	11	0.0482	U	0.0504	U	1.03	D	0.128	D	0.0427	U	0.0434	U	**64.8**	D	0.43	D	0.0597	U	0.304	D	5.55	D
Benzo(a)pyrene	1	1.1	0.0482	U	0.0504	U	**1.08**	D	0.149	D	0.0427	U	0.0434	U	**47.1**	D	0.412	D	0.0597	U	0.23	D	**3.84**	D
Benzo(b)fluoranthene	5.6	11	0.0482	U	0.0504	U	0.886	D	0.118	D	0.0427	U	0.0434	U	**39.2**	D	0.334	D	0.0597	U	0.375	D	3.1	D
Benzo(g,h,i)Perylene	500	1,000	0.0482	U	0.0504	U	0.734	D	0.0968	D	0.0427	U	0.0434	U	22.9	D	0.226	D	0.0597	U	0.216	D	1.81	D
Benzo(k)fluoranthene	56	110	0.0482	U	0.0504	U	0.741	D	0.121	D	0.0427	U	0.0434	U	35.8	D	0.348	D	0.0597	U	0.166	D	2.69	D
Biphenyl (Diphenyl)	~	~	0.0482	U	0.0504	U	0.0467	U	0.0453	U	0.0427	U	0.0434	U	0.764	D	0.0484	U	0.0597	U	0.0457	U	0.204	D
Bis(2-ethylhexyl) phthalate	~	~	0.0482	U	0.0504	U	0.132	D	0.0453	U	0.0427	U	0.0434	U	0.226	U	0.0484	U	0.0597	U	0.0457	U	0.0689	U
Carbazole	~	~	0.0482	U	0.0504	U	0.0999	D	0.0453	U	0.0427	U	0.0434	U	5.05	D	0.0602	JD	0.0597	U	0.0457	U	2.43	D
Chrysene	56	110	0.0482	U	0.0504	U	0.995	D	0.132	D	0.0427	U	0.0434	U	**65.2**	D	0.412	D	0.0597	U	0.738	D	4.17	D
Dibenz(a,h)anthracene	0.56	1.1	0.0482	U	0.0504	U	0.254	D	0.0453	U	0.0427	U	0.0434	U	**9.53**	D	0.0827	JD	0.0597	U	0.1	D	**0.748**	D
Dibenzofuran	350	1,000	0.0482	U	0.0504	U	0.0731	JD	0.0453	U	0.0427	U	0.0434	U	6.6	D	0.0484	U	0.0597	U	0.0481	JD	1.6	D
Fluoranthene	500	1,000	0.0991	D	0.0504	U	1.86	D	0.242	D	0.0427	U	0.0434	U	128	D	0.838	D	0.0597	U	0.417	D	12.1	D
Fluorene	500	1,000	0.316	D	0.0504	U	0.151	D	0.0643	JD	0.0427	U	0.0434	U	18.9	D	0.0484	U	0.0597	U	0.119	D	2.57	D
Indeno(1,2,3-cd)pyrene	5.6	11	0.0482	U	0.0504	U	0.794	D	0.0817	JD	0.0427	U	0.0434	U	**26.7**	D	0.216	D	0.0597	U	0.19	D	2.25	D
Naphthalene	500	1,000	0.0922	JD	0.0504	U	0.0835	JD	0.127	D	0.0427	U	0.0434	U	1.41	D	0.308	D	0.0597	U	0.292	D	1.12	D
Phenanthrene	500	1,000	0.703	D	0.0901	JD	1.12	D	0.23	D	0.0427	U	0.0434	U	170	D	0.547	D	0.0597	U	0.561	D	16.1	D
Pyrene	500	1,000	0.21	D	0.0504	U	1.78	D	0.265	D	0.0427	U	0.0434	U	122	D	0.745	D	0.0597	U	0.398	D	10.7	D
Pesticides (mg/kg)																								
4,4'-DDD	92	180	0.0019	U	0.00197	U	0.00188	U	0.00178	U	0.00168	U	0.00175	U	0.00994	D	0.00192	U	0.00236	U	0.0018	U	0.00272	U
4,4'-DDE	62	120	0.0019	U	0.00197	U	0.00188	U	0.00178	U	0.00168	U	0.00175	U	0.00853	D	0.00192	U	0.00236	U	0.0018	U	0.00272	U
Polychlorinated Biphenyls (mg/kg)																								
PCB-1254 (Aroclor 1254)	~	~	0.0192	U	0.0198	U	0.0884		0.0179	U	0.0169	U	0.0176	U	0.0176	U	0.0367		0.0238	U	0.0182	U	0.0275	U
PCB-1260 (Aroclor 1260)	~	~	0.0192	U	0.0198	U	0.0189	U	0.0179	U	0.0169	U	0.0176	U	0.0184		0.0194	U	0.0238	U	0.0182	U	0.0275	U
Total PCBs	1	25	0.0192	U	0.0198	U	0.0884		0.0179	U	0.0169	U	0.0176	U	0.0184		0.0367		0.0238	U	0.0182	U	0.0275	U
Inorganics (mg/kg)																								
Aluminum	~	~	7,920		3,110		8,800		6,520		3,870		6,350		801		9,460		11,100		5,590		12,400	
Arsenic	16	16	2.92		1.82	U	6.54		1.63	U	1.56	U	2.31		12.4		5.74		14.1		**27.6**		10.3	
Barium	400	10,000	126		18.8		137		50.9		34.6		31.7		36.9		99.8		190		119		223	
Beryllium	590	2,700	0.058	U	0.061	U	0.057	U	0.054	U	0.052	U	0.053	U	0.362		0.059	U	0.072	U	0.055	U	0.083	U
Cadmium	9.3	60	0.348	U	0.363	U	0.481		0.326	U	0.311	U	0.319	U	0.327	U	0.352	U	0.501		0.355		1.18	
Calcium	~	~	29,500		836	B	43,000		18,600	B	861	B	643	B	687		81,900	B	7,600		3,350		35,300	
Chromium, Total	~	~	21.5		6.79		19.7		22.2		9.94		14		5.15		31.5		21		10.2		46.2	
Chromium, Trivalent	1,500	6,800	21.5		6.79		19.7		22.2		9.94		14		5.15		31.5		21		10.2		46.2	
Cobalt	~	~	6.5		4.14		6.92		6.66		6.36		7.87		2.14		5.56		15.6		7.78		9.49	
Copper	270	10,000	41.8		6.47		46.2		29.8		12		11.4		11.7		37.4		33.6		110		149	
Iron	~	~	12,200		7,090		17,900		33,000		19,000		20,600		6,470		10,700		19,000		17,800		26,200	
Lead	1,000	3900	72.6		1.51		124		29.6		1.41		2.59		29.7		39.8		28		**1,840**		381	
Magnesium	~	~	7,170		1,210		5,190		2,910		1,360		1,590		106		8,190		930		696		4,760	
Manganese	10,000	10,000	265		80.1		299		535		478		521		10.1		268		92.1		69.6		373	
Mercury	2.8	5.7	0.0633		0.0363	U	0.272		0.0721		0.0311	U	0.0319	U	**5.33**		0.118		0.143		**2.97**		**4.22**	
Nickel	310	10,000	14.2		7.41		16.2		12.7		8.48		11.8		6.13		16.3		29.6		14.1		31.5	
Potassium	~	~	946		448		1,610		976		534		766		284		1,770		796		521		2,190	
Sodium	~	~	322		84.9		292		394		330		55		114		459		366		230		441	
Vanadium	~	~	19.1		10		24.1		40.5		18.6		22.6		7.6		26.3		30.6		15.4		38.1	
Zinc	10,000	10,000	95.3		14.9		147		55.3		12.2		42		13.9		93.9		211		151		646	
General Chemistry (%)																								
Solids, Percent	~	~	86.2		82.6		87.4		91.9		96.4		94.2		91.8		85.2		69.5		90.9		60.3	

Notes provided on Page 2.
Concentrations above Restricted Use Commercial SCOs are bolded.
Concentrations above Restricted Use Industrial SCOs are shaded.

Table 2
Phase II Environmental Site Investigation
Soil Sample Analytical Results Summary

57-00, 57-05, 57-57 and 58-20 47th Street
Maspeth, Queens, New York
Langan Project No.: 17068701

Notes:

1. Soil sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Restricted Use Commercial and Restricted Use Industrial Soil Cleanup Objectives (SCO).
2. Only detected analytes are shown in the table.
3. Criterion comparisons for 3- & 4-methylphenol (m&p cresol) are provided for reference. Promulgated SCOs are for 3-methylphenol (m-cresol) and 4-methylphenc (p-cresol).
4. Detected analytical results above Restricted Use Commercial are bolded.
5. Detected analytical results above Restricted Use Industrial SCOs are shaded.
6. Analytical results with reporting limits (RL) above the lowest applicable criteria are italicized.
7. ~ = Regulatory limit for this analyte does not exist
8. bgs = below grade surface
9. mg/kg = milligrams per kilogram
10. % = percent

Qualifiers:

D = The concentration reported is a result of a diluted sample.
E = The result is estimated and cannot be accurately reported due to levels encountered or interferences.
J = The analyte was detected above the Method Detection Limit (MDL), but below the RL; therefore, the result is an estimated concentration.
U = The analyte was analyzed for, but was not detected at a level greater than or equal to the RL; the value shown in the table is the RL.
B = The analyte was found in the associated analysis batch blank.

Table 3
Phase II Environmental Site Investigation
Groundwater Sample Analytical Results Summary

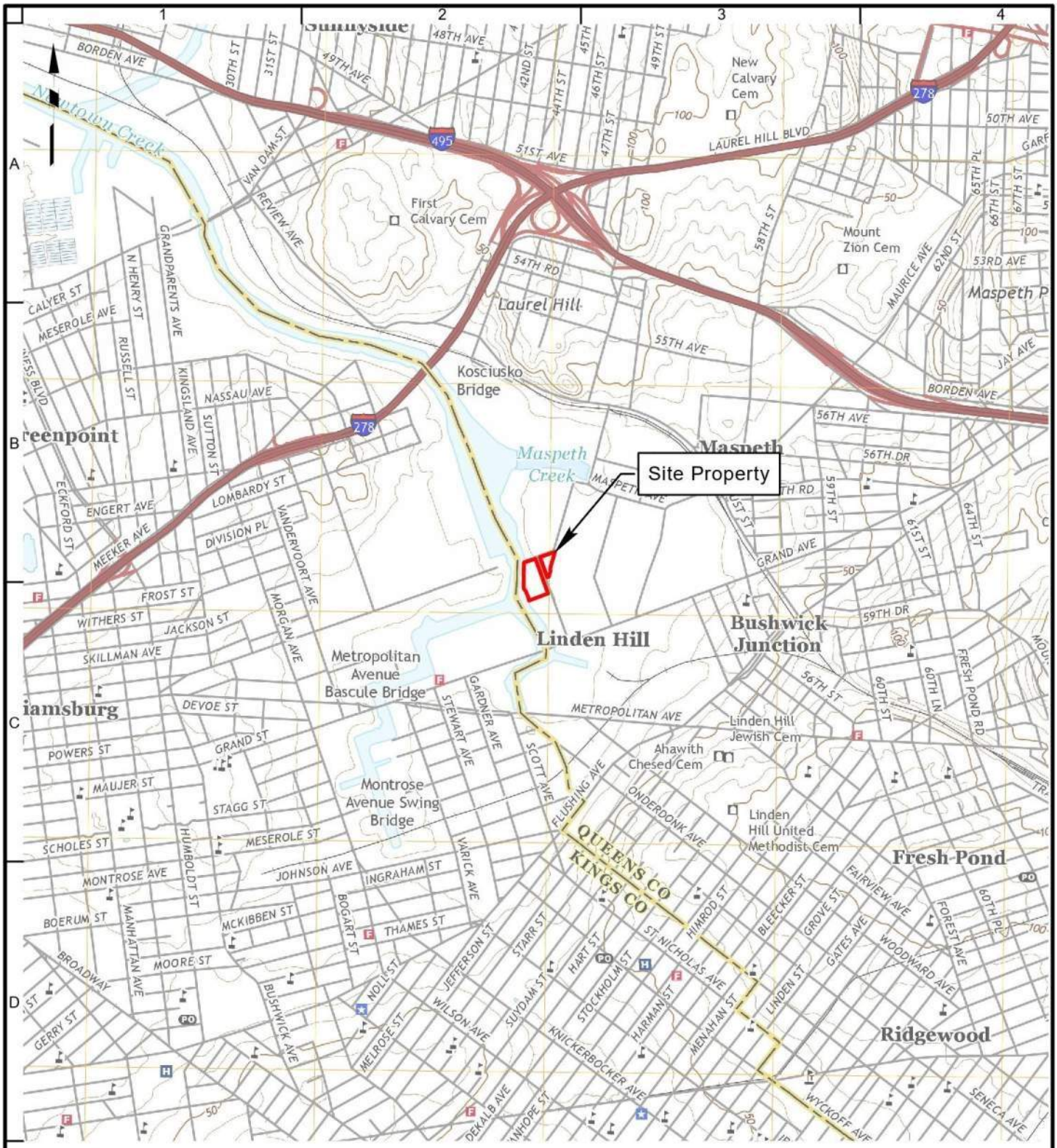
57-00, 57-05, 57-57 and 58-20 47th Street
Maspeth, Queens, New York
Langan Project No.: 17068701

Location		MW01		MW02		MW03		MW04	
Sample ID	NYSDEC	MW01_070821		MW02_070921		MW03_070921		MW04_070921	
Laboratory ID	SGVs	21G0351-06		21G0417-01		21G0417-02		21G0417-03	
Sample Date		7/8/2021		7/9/2021		7/9/2021		7/9/2021	
Volatile Organic Compounds (µg/L)									
1,2-Dichloropropane	1	0.2	U	**7**		0.2	U	0.2	U
2-Hexanone (MBK)	50	0.2	U	5.1		0.2	U	0.2	U
Acetone	50	1	J	1	U	3.5		10	
Benzene	1	0.2	U	0.48	J	0.2	U	0.2	U
Chloroform	7	0.87		0.2	U	0.2	U	0.2	U
Cyclohexane	~	0.2	U	91		0.2	U	0.5	
Isopropylbenzene (Cumene)	5	0.2	U	**5.1**		0.2	U	0.21	J
Methyl Ethyl Ketone (2-Butanone)	50	0.2	U	0.2	U	0.2	U	1.2	
Methylcyclohexane	~	0.2	U	380	D	0.44	J	0.2	U
n-Butylbenzene	5	0.2	U	0.28	J	0.2	U	0.62	
n-Propylbenzene	5	0.2	U	**6**		0.2	U	0.45	J
Sec-Butylbenzene	5	0.2	U	3.5		0.2	U	0.51	
T-Butylbenzene	5	0.27	J	0.92		0.2	U	0.53	
Tert-Butyl Methyl Ether	10	1.4		0.87		0.41	J	**73**	
Semivolatile Organic Compounds (µg/L)									
2-Methylnaphthalene	~	2.56	U	2.5	U	2.56	U	3.11	J
Acenaphthene	20	0.472		1.11		0.554		0.21	
Acenaphthylene	~	0.0513	U	0.05	U	0.215		0.05	
Anthracene	50	0.0513	U	0.11		0.677		0.13	
Benzo(a)anthracene	0.002	*0.0513*	U	*0.05*	U	**0.564**		*0.05*	U
Benzo(a)pyrene	0	*0.0513*	U	*0.05*	U	**0.523**		*0.05*	U
Benzo(b)fluoranthene	0.002	*0.0513*	U	*0.05*	U	**0.369**		*0.05*	U
Benzo(g,h,i)Perylene	~	0.0513	U	0.05	U	0.277		0.05	U
Benzo(k)fluoranthene	0.002	*0.0513*	U	*0.05*	U	**0.41**		*0.05*	U
Chrysene	0.002	*0.0513*	U	*0.05*	U	**0.523**		*0.05*	U
Dibenz(a,h)anthracene	~	0.0513	U	0.05	U	0.0923		0.05	U
Fluoranthene	50	0.0513	U	0.05	U	1.7		0.05	
Fluorene	50	0.0513	U	0.05	U	0.738		0.09	
Indeno(1,2,3-cd)pyrene	0.002	*0.0513*	U	*0.05*	U	**0.297**		*0.05*	U
Naphthalene	10	0.0615		0.09		0.246		1.57	
Phenanthrene	50	0.0718		0.12		1.81		0.49	
Pyrene	50	0.0513		0.05	U	1.11		0.06	
Polychlorinated Biphenyls (µg/L)	~	ND		ND		ND		ND	
Inorganics (µg/L)									
Aluminum	~	55.6	U	55.6	U	3,060		157	
Antimony	3	1.18		1.11	U	**4.34**		1.55	
Arsenic	25	7.51		1.11	U	**37.6**		1.12	
Arsenic (Dissolved)	25	7.34		1.11	U	22.2		1.48	
Barium	1,000	116		205		106		175	
Barium (Dissolved)	1,000	123		201		40.9		173	
Cadmium	5	0.556	U	0.556	U	3.01		0.556	U
Calcium	~	191,000		159,000		100,000		110,000	
Calcium (Dissolved)	~	191,000		157,000	B	95,000	B	109,000	B
Chromium, Total	50	5.56	U	5.56	U	14.3		5.56	U
Chromium, Trivalent	~	10	U	10	U	14.3		10	U
Copper	200	22.2	U	22.2	U	74.2		22.2	U
Iron	300	**11,100**		**9,260**		**10,800**		**7,420**	
Iron (Dissolved)	300	**11,400**		**8,810**		**5,740**		**7,370**	
Lead	25	5.56	U	5.56	U	**419**		5.56	U
Magnesium	35,000	**38,800**		33,800		3,290		22,700	
Magnesium (Dissolved)	35,000	**39,900**		34,400		2,570		23,300	
Manganese	300	**1,490**		**3,090**		126		**2,590**	
Manganese (Dissolved)	300	**1,560**		**3,100**		90.5		**2,560**	
Mercury	0.7	0.2		0.2	U	0.4		0.2	U
Potassium	~	22,300		20,500		102,000		9,400	
Potassium (Dissolved)	~	22,800		19,300	B	102,000	B	9,370	B
Selenium	10	1.11	U	1.11	U	1.88		1.11	
Selenium (Dissolved)	10	1.94		5.22		1.16		8.49	
Silver	50	5.56	U	6.74		5.56	U	5.56	U
Sodium	20,000	**79,400**		**67,100**		**95,400**		**110,000**	
Sodium (Dissolved)	20,000	**86,000**		**71,900**		**109,000**		**126,000**	
Zinc	2,000	27.8	U	27.8	U	228		27.8	U

Notes:
1. Groundwater sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules and Regulations (NYCRR) Part 703.5 and the NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values for Class GA Water (herein collectively referenced as "NYSDEC SGVs").
2. Only detected analytes are shown in the table.
3. Detected analytical results above NYSDEC SGVs are bolded and shaded.
4. Analytical results with reporting limits (RL) above NYSDEC SGVs are italicized.
5. ~ = Regulatory limit for this analyte does not exist
6. µg/l = micrograms per liter
7. ND = Not detected

Qualifiers:
D = The concentration reported is a result of a diluted sample.
J = The analyte was detected above the Method Detection Limit (MDL), but below the RL; therefore, the result is an estimated concentration.
U = The analyte was analyzed for, but was not detected at a level greater than or equal to the RL; the value shown in the table is the RL.
B = The analyte was found in the associated analysis batch blank.

FIGURES



Notes:
1. Basemap adapted from United States Geological Survey (USGS) 7.5-Minute Series Topographical Maps, Brooklyn, New York, Quadrangle, Dated 2019.

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Langan Engineering & Environmental Services, Inc.
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.
Langan International LLC

Collectively known as Langan

Project	57-00, 57-05, 57-57 AND 58-20 47th STREET BLOCK Nos. 2601, 2602 LOT Nos. 1, 6, 68, 72 QUEENS NEW YORK
Figure Title	SITE PROPERTY LOCATION MAP
Project No.	170686701
Date	7/21/2021
Scale	1"=2,000'
Drawn By	MG
Submission Date	
Figure No.	1
Sheet	1 of 3

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SCALE IN FEET

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Project
57-00, 57-05, 57-57, and 58-20 47th Street
BLOCK Nos. 2601, 2602, 2603,
LOT Nos. 1, 6, 72, 68
QUEENS NEW YORK

Figure Title
SAMPLE LOCATION MAP

Project No. 170686701	Figure No. 2
Date 7/20/2021	
Scale 1"=100'	
Drawn By	Sheet 1 of 1

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Path: \\langan.com\data\NYC\data7\170686701\Project Data\ArcGIS\APRX\170686701\170686701.aprx Date: 7/20/2021 User: ibaker Time: 2:32 PM

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

In the Matter of the Violation of Articles 15, 17, 25 and 27, and 34 of the New York State Environmental Conservation Law and Parts 360, 608, 661 and 750 of Title 6 of the Codes, Rules and Regulations of the State of New York

-by-

PEBBLE LANE ASSOCIATES, INC.

AND

EMILIO LAMANNA, personally and as corporate officer for Pebble Lane Associates, Inc.

AND

MARY JEAN LAMANNA, personally and as corporate officer for Pebble Lane Associates, Inc.

AND

ROSSANA BORTONE, personally and as corporate officer for Pebble Lane Associates, Inc.

AND

57-00 MASPETH AVENUE, LLC

AND

SABATINO LAMANNA, personally and as corporate officer for Pebble Lane Associates, Inc. 57-00 Maspeth Ave, LLC

AND

RL FAMILY PROPERTY OWNER LLC

AND

EL FAMILY PROPERTY OWNER LLC

AND

SLMJL FAMILY PROPERTY OWNER LLC

Respondents

Site: 58-20 47th Street, Maspeth, NY 11378
Queens County, Tax Block 2601, Lot 1

57-00 47th Street, Maspeth, NY 11378
Queens County, Tax Block 2601, Lot 6

ORDER ON CONSENT

DEC FILE NO. R2-20210416-53

Jurisdiction

1. The Department of Environmental Conservation ("the Department" or "NYSDEC") is a department of the state of New York ("the State") with authority under section 3-0301 of the Environmental Conservation Law ("ECL") to enforce the environmental laws of the State and the rules, regulations and orders issued pursuant to that authority.

2. Pursuant to Article 15 of the ECL and Title 6 of the Official Compilation of Codes, Rules and Regulations of the State of New York ("NYCRR") Part 608, the Department has administrative jurisdiction over and is responsible for regulating the building of structures in, on, or above waters of the State and the placement of fill in the navigable waters of the State or wetlands adjacent thereto.

3. The Department is also responsible for the management of tidal wetlands and adjacent areas of the State and thus regulates, among other activities, the placement of fill and other materials or structures therein by requiring permits for these of activities pursuant to ECL Article 25 and 6 NYCRR Part 661.

4. Furthermore, the Department is responsible for the administration and enforcement of laws and regulations pertaining to the abatement and prevention of pollution of state waters pursuant to Article 17 of the ECL and 6 NYCRR Part 750.

5. The Department has jurisdiction over the abatement and prevention of pollution to the waters of the State pursuant to Article 17 of the ECL and 6 NYCRR Part 750, *et seq.* This jurisdiction also authorizes NYSDEC, as a State agency with an approved program per Sections 318, 402 and 405 of the federal Clean Water Act ("CWA"), 33 U.S.C. Section 1251, *et seq.*, and its implementing regulations under 40 C.F.R. Part 123 to regulate the discharge of pollutants from point sources into the waters of the State in conformity with the CWA.

6. Pursuant to this authority to protect the waters of the State, the Department administers the State Pollutant Discharge Elimination System ("SPDES") permit program, ECL §17-0801, *et seq.* In general, the SPDES program prohibits any discharge of pollutants to the waters of the State without a permit establishing pollutant limitations and treatment requirements. SPDES permits set certain effluent limitation parameters ("parameters"), determined according to ECL §17-0809 and 6 NYCRR §750-1.11, in keeping with water pollution control mandates and consistent with meeting water quality standards ("WQS"). Those conditions address not only the allowable range of parameters for discharge of pollutants to the waters of the State, but also the

manner in which the permittee is to operate, maintain, monitor, and report on its regulated facilities and activities.

7. The Department further has jurisdiction over the transportation, storage, treatment, and disposal of solid waste under Articles 27 and 71 of the ECL and Part 360 of 6 NYCRR. NYS ECL §27-0703 authorizes NYSDEC to adopt and promulgate, amend and repeal rules and regulations governing the operation of SWMFs. Pursuant to §27-0703, NYSDEC promulgated 6 NYCRR Parts 360, 361, 362, 363, and 365 governing the operation of SWMFs, effective November 4, 2017. NYCRR 360.4(f), as the transition rule applicable to a facility registered under the previously promulgated Part 360 in effect prior to November 4, 2017 (generally, as "Prior 360") that now requires a permit under 6 NYCRR Part 360, requires that such facilities must continue to operate in compliance with the conditions of the previously issued registration until a SWMF permit is issued by the Department. Any facility operating under Prior 360 Registration must comply with all applicable regulations under Prior 360. Therefore, all references in this order to 6 NYCRR Part 360 are to Prior 360.

Respondents

8. Respondent Pebble Lane Associates, Inc. (hereinafter "Pebble Lane") is a foreign limited liability company with a mailing address at 1218 Central Avenue, Suite 100, Albany, NY 12205 and was a lessee of Queens County, Tax Block 2601, Lots 1 and 6.

9. Respondent Emilio Lamanna is a corporate officer of Respondent Pebble Lane, who at all pertinent times has been involved in the day-to-day business activities of Pebble Lane, including those that gave rise to the violations. Respondent Emilio is also the co-owner of Queens County, Tax Block 2601, Lot 1.

10. Respondent Rossana Bortone (hereinafter "Bortone") is a corporate officer of Respondent Pebble Lane, who at all pertinent times has been involved in the day-to-day business activities of Pebble Lane, including those that gave rise to the violations.

11. Respondent Mary Jean Lamanna (hereinafter "Mary Jean") is a corporate officer of Respondent Pebble Lane, who at all pertinent times has been involved in the day-to-day business activities of Pebble Lane, including those that gave rise to the violations.

12. Respondent 57-00 Maspeth Avenue, LLC (hereinafter "57-00 Maspeth Ave LLC") is a domestic limited liability company with a mailing address at 57-05 47th Street, Maspeth, NY 11378. 57-00 Maspeth Ave is the owner of Queens County, Tax Block

2601, Lot 6.

13. Respondent Sabatino Lamanna is an individual who until November 2020 was the owner of Queens County, Tax Block 2601, Lot 1, together with Respondent Emilio Lamanna.

14. Respondent RL Family Property Owner LLC is a domestic limited liability company with an address at 248-22 Brookville Boulevard, Rosedale, NY 11422.

15. Respondent EL Family Property Owner LLC is a domestic limited liability company with an address at 248-22 Brookville Boulevard, Rosedale, NY 11422.

16. Respondent SLMJL Family Property Owner LLC is domestic limited liability company with an address at 248-22 Brookville Boulevard, Rosedale, NY 11422.

Site

17. The "Site," as the term is used in this Order, extends over two commercial waterfront parcels identified as Queens County Tax Block 2601, Lots 1 and the northern portion of Lot 6, as well as the area immediately adjacent thereto. Specifically, the Site encompasses the portion of the parcels that has been used for an aggregate facility as depicted in Figure 1, below:

Figure 1: The Site (Lot 1 and p/o Lot 6), facing east

18. The mailing address for Queens County Tax Block 2601 Lot 1 is 58-20 47th Street,

Maspeth, NY 11378.

19. The mailing address for Queens County Tax Block 2601 Lot 6 is 57-00 47th Street, Maspeth, NY 11378.

20. Respondent 57-00 Maspeth Ave LLC acquired Lot 6 on April 30, 1998.

21. By deed dated November 13, 2020, Respondent 57-00 Maspeth Avenue, LLC conveyed titled to Lot 6 to Respondents RL Family Property Owner LLC, EL Family Property Owner LLC, and SLMJL Family Property Owner LLC, each holding 1/3 of the undivided interested in Lot 6 as tenants in common.

22. Respondents Emilio Lamanna and Sabatino Lamanna acquired Lot 1 on December 31, 2008, and conveyed the lot by deed dated November 13, 2020, to EL Family Property Owner LLC and SLMJL Family Property Owner LLC.

23. The Site abuts, and a portion of the Site extends into, Newtown Creek, a navigable water of the State, which at the Site is mapped as a regulated tidal wetland on official tidal wetlands maps #590-506 and #590-508.

24. Portions of the Site are mapped as high marsh area and littoral zone, both areas that are protected and regulated under articles 15 and 25 of the ECL.

The 2009 Consent Order

25. On April 30, 2009, under file numbers R2-20061227-560 and R2-20090331-188, DEC entered into an order on consent ("the 2009 Order") with respondents Pebble Lane Associates, Inc.; Emilio Lamanna; Mary Jean Lamanna; Rossana Bortone; Sabatino Lamanna; and 57-00 Maspeth Avenue, LLC to address multiple violations at the Site involving ECL Art. 15, 17, 25, and 27 and the corresponding regulations.

26. Paragraph I of the 2009 Order required Pebble Lane Associates, Inc.; Emilio Lamanna; Mary Jean Lamanna; Rossana Bortone; Sabatino Lamanna; and 57-00 Maspeth Avenue, LLC to impose the obligation to comply with the 2009 Order onto any tenant, lessee or transferee and to provide DEC with any contract of sale or lease.

27. The 2009 Order required, among numerous other compliance activities, the development and implementation of a Best Management Practices Plan, the restoration of the wetland on the Site, the installation of a vegetated buffer area, and the relocation of the commercial operation on the Site pursuant to a tidal wetlands permit application the respondents to the 2009 Order were supposed to submit and complete.

28. On May 1, 2009, Respondents Emilio Lamanna and Sabatino Lamanna leased lot 6 to Pebble Lane Associates, LLC, a foreign limited liability company registered with the New York State Department of State on May 7, 2009, and a subsidiary of U.S. Concrete Inc., a corporation headquartered in Texas.

29. Also on May 2, 2009, 57-00 Maspeth Avenue LLC leased a portion of lot 1 to Pebble Lane Associates, LLC.

30. In violation of the 2009 Order, Respondents did not provide DEC with either lease.

31. Based on the lease agreement, Pebble Lane Associates, LLC and New York Sand & Stone LLC owned and operated a solid waste registration facility and aggregate facility on the Site but never obtained a tidal wetlands permit for their facility.

32. On or before September 17, 2012, a new concrete wall was installed at the northwest portion of the Site in the regulated tidal wetlands area without a DEC permit.

33. In violation of the 2009 Order, Respondents did not provide DEC with the sales or transfer agreements on which the November 13, 2020 deeds referenced in paragraphs 21 and 22, above, are based.

Applicable Law

34. ECL §15-0503(1)(b) and 6 NYCRR Part 608 prohibit the construction, placement, or expansion of any dock, wharf, platform, or other structure in, on, or above waters without a NYSDEC permit.

35. ECL §15-0107(4) defines “waters” to include, among other water bodies, “estuaries, marshes, inlets, canals, the Atlantic Ocean within the territorial limits of the state of New York, and all other bodies of surface or underground water, natural or artificial, inland or coastal, fresh or salt, public or private, which are wholly or partially within or bordering the state or within its jurisdiction.”

36. ECL §15-0505 and 6 NYCRR Part 608 prohibit the excavation and placement of fill in the navigable waters of the State or in marshes, estuaries, tidal marshes, and wetlands that are adjacent to and contiguous at any point to any of the navigable waters of the State and that are inundated at mean high water level or tide, without a permit from the NYSDEC.

37. ECL §71-1107 provides for a civil penalty of up to five thousand dollars ($5,000) for

each violation of section 15-0505 as well as criminal sanctions and injunctive relief.

38. ECL §71-§1127 provides that any person who violates or fails to comply with any rule, regulation, determination or order of the department under ECL Art. 15 shall be liable for a civil penalty of not more than $2,500 for each such violation and an additional civil penalty of not more than $500 for each day during which such violation continues.

39. ECL §17-0501 and 6 NYCRR §703.1 *et seq.* prohibit any discharge into the waters of the state that shall cause or contribute to a condition in contravention of the State's Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations.

40. Newtown Creek at the Site is categorized as Class SD saline surface water pursuant to 6 NYCRR §890.6 item 54.

41. Pursuant to 6 NYCRR §703.2 a discharge into a Class SD surface water must not increase turbidity in a manner that causes a substantial visible contrast to natural conditions.

42. ECL §17-0803 and 6 NYCRR §750-1.4 prohibit any discharge into the waters of the state not permitted by the provisions of Article 17 of the ECL, the rules and regulations adopted or applicable pursuant thereto, the Federal Water Pollution Control Act, or provisions of a permit issued pursuant to ECL Article 17, including General Permit GP-0-15-002.

43. Pursuant to 40 C.F.R. 122.26(b)(15)(i) the term "construction activities" requiring coverage under General Permit GP-0-15-002 includes clearing, grading, and excavating that result in land disturbance of equal to or greater than one acre.

44. ECL §17-0503(2) provides that "[g]arbage, cinders, ashes, oils, sludge or refuse of any kind shall not be thrown, dumped or permitted to run into the waters of the marine district."

45. Pursuant to ECL § 13-0103, the marine district encompasses the waters of the Atlantic Ocean within three nautical miles from the coast line and all other tidal waters within the state.

46. ECL 71-1929 provides for a civil penalty of up to thirty-seven thousand five hundred dollars ($37,500) per day for each violation of titles 1 through 11 inclusive and title 19 of

Article 17, or the rules, regulations, orders, or determinations of the Commissioner promulgated thereto.

47. ECL §25-0401 and 6 NYCRR § 661.8 prohibit regulated activities in a tidal wetland or regulated tidal wetland adjacent area without a permit from NYSDEC.

48. 6 NYCRR § 661.4(ee)(1) defines "regulated activity" to encompass, among other activities,

a. "any form of [...] excavation or removal, either directly or indirectly, of soil, mud, sand, shells, gravel or other aggregate;"

b. "any form of dumping, filling or depositing, either directly or indirectly, of any soil, stones, sand, gravel, mud, rubbish or fill of any kind;"

c. "the erection of any structures or construction of any facilities or roads, the driving of any pilings or placing of any other obstructions, whether or not changing the ebb and flow of the tide;"

d. "any form of pollution;"

e. "any portion of a subdivision of land located in any tidal wetland or adjacent area;" and

f. "any other new activity within a tidal wetland or on an adjacent area which directly or indirectly may substantially alter or impair the natural condition or function of any tidal wetland."

49. 6 NYCRR § 661.4(gg) defines the term "subdivision" to include "any grading, road construction, installation of utilities or other improvements or any other land use and development preparatory or incidental to any such division."

50. ECL § 71-2503 authorizes the imposition of a civil penalty of up to ten thousand dollars ($10,000) per day for each violation of Article 25 as well as injunctive relief.

51. ECL § 27-0707 and 6 NYCRR § 360-1.5(a) prohibit the disposal of solid waste except at a properly authorized disposal facility or one that is exempt from the requirements of Part 360.

52. Section 360-1.7(a) of 6 NYCRR states that no person shall construct, operate,

modify, or expand a solid waste management facility except in accordance with a valid permit issued by the Department.

53. Section 360-1.7(a)(2)(iv) of 6 NYCRR provides that new solid waste management facilities must not be constructed or operated within the boundary of a regulated wetland.

54. Section 360-1.14(b)(1) of 6 NYCRR provides that solid waste shall be prevented from entering surface and/or groundwater.

55. Section 360-16.1(c) of 6 NYCRR states that no person shall construct or operate a facility used to receive, treat or process construction and demolition debris ("C&D debris") without first having obtained a permit to do so from the department.

56. Section 360-16.4(f)(3) of 6 NYCRR states that processed or unprocessed C&D debris storage piles shall not exceed 20 feet in height, and the area of the storage pile at the base shall not exceed 5,000 square feet.

57. Pursuant to ECL §71-2703(1), any violation of 6 NYCRR Part 360 or any order issued thereunder subjects the violator(s) to a civil penalty of up to $7,500 for each violation and an additional penalty of $1,500 for each day the violation continues, as well as to criminal penalties and injunctive relief. Violations related to the laws and regulations involving waste transporter permits or solid waste management and resource recovery facilities may be sanctioned by a civil penalty of up to $22,500 if they involve the release of ten cubic yards or more of solid waste in the environment. If construction and demolition debris is involved, an additional civil penalty of up to $15,000 per day for each violation may be imposed pursuant to ECL § 71-2703(3).

58. By failing to comply with the 2009 Order, by operating or causing the operation of the registration facility in the tidal wetland and adjacent area without permit, by installing an additional wall structure, Respondents violated ECL §15-0503(1)(b), 71-1929, 25-0401, and 71-2703(1) as well as the corresponding regulations of Part 608, 703, 661, and 360.

59. In settlement of the Respondents' civil liability for the aforesaid violations Respondents affirmatively waive their rights to notice and hearing in the manner provided by law and consent to the payment of the sums specified below, and the issuance and entry of this Order. Respondents agree to be bound by the terms, provisions and conditions contained herein.

NOW, having considered this matter and being duly advised, it is ORDERED:

I. Respondents shall carry out their respective obligations set forth in the attached Schedule of Compliance ("Schedule A") which is hereby made part of this Order. Unless otherwise specified in this Order, Respondents shall certify in writing completion of the respective activities for which they are responsible within fifteen (15) days of the completion of each activity. Should Respondents sell, transfer, or otherwise convey the subject property or any ownership or controlling interest therein, they shall impose the obligation to comply with said Schedule and all other terms and conditions of this Order on the purchaser, successor, or assign by contract. Respondents shall submit to NYSDEC a copy of any contract of sale of the premises or of a controlling interest therein within five days of the execution thereof or at least thirty days prior to any such conveyance or sale, whichever shall be earlier.

II. This Order on Consent, once it is signed by the Respondents and their signatures have been notarized, shall be returned to

NYSDEC Region 2
Attention: Udo Drescher
Office of General Counsel
47-40 21st Street, Fl. 4
Long Island City NY 11101-5401

along with any pertinent submissions.

III. Civil Penalty: With respect to the aforesaid violations, Respondents shall be jointly and severally liable to pay a civil penalty in the amount of eight hundred twenty-four thousand dollars ($824,000) to be paid as follows:

A. Half of the assessed civil penalty, that is, four hundred twelve thousand dollars ($412,000), shall be paid in four equal monthly installments as follows:

1. One hundred three thousand dollars ($103,000) shall be due and payable within thirty (30) days after the Department's execution of this Order.

2. One hundred three thousand dollars ($103,000) shall be due and payable within sixty (60) days after the Department's execution of this Order.

3. One hundred three thousand dollars ($103,000) shall be due and payable within ninety (90) days after the Department's execution of this Order.

4. One hundred three thousand dollars ($103,000) shall be due and payable within one hundred twenty (120) days after the Department's execution of this Order.

All payments shall be made by electronic payment at http://www.dec.ny.gov/about/61016.html#On-Line or by check made payable to the order of the "New York State Department of Environmental Conservation," with the enclosed invoice and the Case Number of this Order on Consent "R2-20210416-53" written in the memo section of the check, which shall be sent to the Department of Environmental Conservation, Division of Management and Budget Services, 625 Broadway, 10th Floor, Albany, NY 12233-4900.

B. The remainder of the penalty in the amount of four hundred twelve thousand dollars ($412,000) shall be suspended, provided Respondents strictly and timely comply with the requirements of this Order and the attached Schedule of Compliance.

C. The suspended portion of the civil penalty shall become payable by all Respondents, jointly and severally, immediately upon service of a Notice of Non-Compliance to any Respondent.

D. Default of Payment. The penalty assessed in the Order constitutes a debt owed to the State of New York. Failure to pay the assessed penalty, or any part thereof, in accordance with the schedule contained in the Order, may result in referral to the New York State Attorney General for collection of the entire amount owed (including the assessment of interest, and a charge to cover the cost of collecting the debt), or referral to the New York State Department of Taxation and Finance, which may offset any tax refund or other monies that may be owed to you by the State of New York by the penalty amount. Any suspended or stipulated penalty provided for in this Order will constitute a debt owed to the State of New York when and if such penalty become due.

IV. Permit Requirement/Schedule of Compliance: Respondents as well as their successors and assigns shall apply for any required NYSDEC permits for future work on the site to be conducted by or on behalf of Respondents and obtain them before doing any such work, except that a NYSDEC permit shall not be required for the performance of the work described in the annexed Schedule of Compliance.

V. Access: For the purpose of monitoring compliance with this Order and with applicable provisions of the ECL and regulations promulgated thereunder, duly authorized representatives of NYSDEC shall be permitted access to the Site and to relevant records without prior notice during reasonable hours at such times as may be desirable or necessary in order to inspect and perform tests the Department deems appropriate to determine the status of the property and Respondent's compliance. Such permitted access to ensure compliance shall include overhead flights by Department owned and operated remotely piloted aircraft systems upon reasonable notice to Respondent.

VI. Violation of this Order: In the event that NYSDEC determines that there is a violation of this Order on Consent, the NYSDEC reserves the right to initiate actions based upon the violation(s) of this Order on Consent and also to seek penalties for such additional violations (including continued violations) that occur after the date of this order.

VII. Binding Effect: The provisions of this Order shall be deemed to bind the Respondents and the Respondents' successors and assigns, including but not limited to any successor in title to the Site or any interest therein, receivers, trustees in bankruptcy, and all persons, officers, directors, employees, or agents acting under or for Respondents.

VIII. Indemnification: Respondents shall indemnify and hold harmless New York State, NYSDEC, and any of their employees, agents, or contractors for all claims, actions, damages, and costs resulting from Respondents' acts in fulfillment or attempted fulfillment of the provisions of this Order.

IX. Settlement and Reservation of Rights.

A. Upon completion of all obligations created in this Order, this Order settles only all claims for civil and administrative penalties concerning the violations described in this Order against Respondents and their successors (including successors in title) and assigns.

B. Except as provided in Subparagraph IX(A) of this Order, nothing contained in this Order shall be construed as barring, diminishing, adjudicating or in any way affecting any of the civil, administrative, or criminal rights of the Department or of the Commissioner or his designee (including, but not limited to, nor exemplified by, the rights to recover natural resources damages and to exercise any summary abatement powers) or authorities with respect to any party, including Respondent.

C. NYSDEC reserves the right to require the Respondents to undertake any additional measures required by law to protect human health and the environment, subject to Respondents' procedural rights under the State Administrative Procedures Act and NYSDEC Uniform Procedures Regulations at 6 NYCRR Parts 620 to 622.

X. Communication: All reports, submissions, and certifications herein required shall be made to the New York State Department of Environmental Conservation, Region 2, 47-40 21st Street, Long Island City, NY 11101, Attn: Justin Falls, Marine Resources Program. A copy of each shall also be sent to Udo M. Drescher, Asst. Regional Attorney, at the same address or by email at udo.drescher@dec.ny.gov. The NYSDEC file number appearing on the first page of this Order shall be endorsed on the face of each such submission.

XI. Miscellaneous:

A. No changes in this Order shall be binding upon NYSDEC unless such changes are authorized in writing by the NYSDEC Region 2 Director.

B. The provisions of this Order constitute the complete and entire Order issued to Respondents concerning resolution of the violations identified in this Order. No term, condition, understanding or agreement purporting to modify or vary any term hereof shall be binding unless made in writing and subscribed by the party to be bound. No informal oral or written advice, guidance, suggestion, or comment by the Department regarding any report, proposal, plan, specification, schedule, comment, or statement made or submitted by the Respondent shall be construed as relieving the Respondents of their obligations to obtain such formal approvals as may be required by this Order.

C. This Order resolves only those violations specifically described herein and does not relieve Respondent of liability for any acts, omissions, or

violations not articulated herein, nor does it relieve Respondent of any liability pursuant to the jurisdiction of any other local, state, or federal agency.

XII. Force Majeure: If a Respondent cannot comply with a deadline or requirement of this Order on Consent, because of natural disaster, epidemic or pandemic, war, terrorist attack, strike, riot, judicial injunction, or other, similar unforeseeable event which was not caused by the negligence or willful misconduct of Respondent and which could not have been avoided by the Respondent through the exercise of due care, Respondent shall apply in writing to the Department within a reasonable time after obtaining knowledge of such fact and request an extension or modification of the deadline or requirement. Respondent shall include in such application the measures taken by Respondent to prevent and/or minimize any delays. Failure to give such notice constitutes a waiver of any claim that a delay is not subject to penalties. Respondent shall have the burden of proving that an event is a defense to a claim of non-compliance with this Order on Consent pursuant to this subparagraph.

XIII. Effective Date and Termination: The effective date of this Order shall be the date upon which it is signed on behalf of NYSDEC. This Order shall terminate when all requirements imposed by this Order will have been completed to the Department's satisfaction.

DATED: Long Island City, New York

APRIL 29, 2021

BASIL B. SEGGOS
Commissioner
New York State Department of
Environmental Conservation

BY: _____

PATRICK FOSTER
Acting Regional Director
NYSDEC Region 2

To:
Peter Sullivan, Esq.
Sullivan P.C.
7 East 20th Street
New York NY 10003-1106
ps@sullivanlegal.net

SCHEDULE OF COMPLIANCE (SCHEDULE A)

RESPONDENTS: PEBBLE LANE ASSOCIATES, INC.; EMILIO LAMANNA; MARY JEAN LAMANNA; ROSSANA BORTONE; 57-00 MASPETH AVENUE, LLC; SABATINO LAMANNA; RL FAMILY PROPERTY OWNER, LLC; EL FAMILY PROPERTY OWNER, LLC; AND SLMJL FAMILY PROPERTY OWNER, LLC

NYSDEC FILE NO. R2-20210416-53

1. **Within sixty (60) days after the effective date of this Order** Respondents must:

   1.1. Close the solid waste operation on the Site by removing all waste material and submitting to the Department's Division of Materials Management, 47-40 21st Street, 4th Floor, Long Island City, NY 11101-5407, a completed and signed Inactive Solid Waste Management Facility or Activity Notification Form together with a closure report which must include

   1.1.1. a narrative that explains that the facility is closed - the attached form (Attachment 1) should be completed and included, which provides for termination of the facility registration;

   1.1.2. the date when the facility ceased acceptance of solid waste;

   1.1.3. a statement that all solid wastes and solid waste processing/handling equipment specific to the facility have been removed from the facility;

   1.1.4. an explanation that the closure will "minimize the need for further maintenance or corrective actions and to prevent or remedy adverse environmental or health impacts such as, but not limited to, contravention of surface water and groundwater quality standards, gas migration, odors and vectors."

   1.1.5. a final survey documenting that materials have been removed; and

   1.1.6. photographs that document the conditions at the time of closure, depicting the entire area that was utilized for the operation of the facility and taken in such sequence, frequency, and clarity that a compliance determination can be made using he photographs. The photos must be accompanied by a photo map, showing the location and direction of each photo.

The form and report must be signed by a properly authorized, competent representative of the facility.

1.2. Complete a solid waste management facility annual report for activities conducted during calendar year 2021, using Attachment 2, and submit it via email to swmfannualreport@dec.ny.gov and SWMFannualreportR2@dec.ny.gov.

1.3. Schedule an inspection by Department Division of Materials Management staff to occur after all solid waste and facility equipment have been removed from the facility. Respondents shall schedule such inspection by contacting Udo Drescher at udo.drescher@dec.ny.gov.

2. **Within sixty (60) days after the effective date of this Order** Respondents must implement the wetlands restoration plan, identified as "Consent Order Site Plan" Drawing A-001.00 – A-003.00, prepared by Sheldon L. Reich, P.C., Consulting Engineers & Architects, dated 06.08.18 and last revised 04.19.21, a reduced copy of which is attached hereto as Attachment 3.A – 3.C, removing all aggregate material, structures and structural elements (including, but not limited to, concrete blocks, the concrete wall[s], and any concrete blocks that have tumbled down on the shoreline) from the tidal wetland and buffer area and creating a functioning high marsh area. .

3. **The high marsh area must be planted with a mixture of the following** grasses and shrubs:

3.1. The shrubs must consist at least six hundred (600) shrubs, consisting of *Iva frutescens* and *Baccharis halimifolia,* which must be at least 2.5 feet (thirty inches) tall at the time of planting and must be planted three feet (3 ft) on center.

3.2. Grasses must include one thousand (1,000) grass culms of either Distichlis spicata or Spartina patens but may also include Panicum virgatum, Scirpus punges and Juncus gerardii. The grasses must be planted three feet (3') on center and must be 2.3 feet (twenty-eight inches) tall at the time of planting.

4. **In the buffer planting area**, landward of the high marsh area, one thousand one hundred (1,100) plants comprised of a mixture of at least two (2) but possibly more of the following plant species must be planted and should be shown on the plan(s)): *Ammophila breviligulata, Andopogon virginicus, Cares Pensylvanica , Panica virgatum , Schizachyrium scoparium or Sorghastrum nultans.* These must be planted three feet (3') on center and must be 2.3 feet (twenty-eight inches) tall at the time of planting.

5. All plantings must be arranged in a random and naturalistic arrangement.

6. The plantings must be monitored for five (5) years following planting.

   6.1. If during the monitoring period the survival rate or areal coverage within the respective planting area drops below 85%, dead plants must be replaced and the planting area must be monitored again until an 85% survival rate is accomplished over at least two (2) consecutive growing seasons.

   6.2. An annual inspection report must be submitted to the Department no later than December 31 of each year during the monitoring period(s). The reports must be signed by a party taking responsibility for the reports' accuracy on behalf of Respondents and must include:

      6.2.1. Written observations of the condition of the plants as well as a description of percent survival, and

      6.2.2. Color photographs of such size, detail and sharpness and taken in such sequence that the photos clearly and completely depict the monitored area in a manner that a compliance determination can be made exclusively by using those photographs.

7. **During** the removal and planting activities, best management practices (BMPs) in the form of silt fencing and hay bales or similarly effective methods must be deployed and maintained in good working condition to prevent soil and other material from eroding into the tidal wetland and from the planting area into Newtown Creek. These BMPs must be maintained until a vegetative cover has formed that prevents erosion.

8. **Within two (2) weeks after the effective date of this Order** Respondents must record in the property records for lots 1 and 6 a restrictive declaration, consistent with the draft attached as Attachment 4, having inserted and missing information and having the document signed by the appropriate, authorized representatives of the lot owners and having those signatures properly notarized prior to recording. The purpose of the restrictive declaration is to identify and protect the tidal wetland and vegetated buffer area as such against incursions by current or future owners, tenants, and occupants. Prior to recording, Respondents must submit both declarations with the respective attachments to the Department (udo.drescher@dec.ny.gov) for review and approval. The documents must be prepared in such a manner that the content of the declarations and the attachments, including the fine print, will be legible to an average viewer of New York City's ACRIS system.

Attachment 1

Division of Materials Management
New York State Department of Environmental Conservation
INACTIVE SOLID WASTE MANAGEMENT
FACILITY OR ACTIVITY NOTIFICATION FORM

FACILITY NAME:		
FACILITY ADDRESS:		
FACILITY CITY:	**STATE:**	**ZIP CODE:**

TYPE OF INACTIVE FACILITY OR ACTIVITY: (Check all applicable boxes)

- ☐ **Anaerobic Digestion – permit**
- ☐ **Anaerobic Digestion – registration**
- ☐ **C&D Processing – permit**
- ☐ **C&D Processing – registration**
- ☐ **Composting – Source Separated Organic Waste – permit**
- ☐ **Composting – Source Separated Organic Waste – registration**
- ☐ **Composting – Yard Waste – permit**
- ☐ **Composting – Yard Waste – registration**
- ☐ **Composting/other Processing – Biosolids/other**
- ☐ **Household Hazardous Waste**
- ☐ **Land Application – Biosolids/Septage/other – permit**
- ☐ **Land Application – Nonrecognizable Food Processing Waste – registration**
- ☐ **Land Application – Septage - registration**
- ☐ **Landfill – Construction & Demolition Debris**
- ☐ **Landfill – Industrial/Commercial**
- ☐ **Landfill – Land Clearing Debris**
- ☐ **Landfill – Long Island**
- ☐ **Landfill – Municipal Solid Waste**
- ☐ **Mobile Vehicle Crushers**
- ☐ **Municipal Waste Combustor**
- ☐ **Recyclable Handling & Recovery**
- ☐ **Regulated Medical Waste – Radiopharmacy**
- ☐ **Regulated Medical Waste – Onsite Treatment**
- ☐ **Regulated Medical Waste – Commercial Treatment**
- ☐ **Regulated Medical Waste – Transfer Station**
- ☐ **Storage – Biosolids/Septage – permit**
- ☐ **Storage – Nonrecognizable Food Processing Waste**
- ☐ **Storage – Septage – registration**
- ☐ **Transfer Station – permit**
- ☐ **Transfer Station – registration**
- ☐ **Vehicle Dismantling Facility**
- ☐ **Waste Tire Storage – Dealer**
- ☐ **Waste Tire Storage – New Product Manufacturing**
- ☐ **Waste Tire Storage – Onsite Energy Recovery**
- ☐ **Waste Tire Storage – permitted**
- ☐ **Waste Tire Storage – Retreader**
- ☐ **Other _____**

DEC ACTIVITY CODE(S) OR REGISTRATION NUMBER(S):	**FACILITY COUNTY:**	**NYSDEC REGION #:**

This document certifies that the type of facility or activity identified above is no longer operational. The owner/ operator relinquishes their NYSDEC permit/registration and retains no other permit, registrations, or licenses related to the identified activity. It is recognized that in order to resume operation, a new permit application or registration form must be submitted to the Department for processing and approval. This notification does not excuse the facility from any closure, post-closure, or other requirements identified in 6 NYCRR Part 360.

I hereby affirm under penalty of perjury that information provided on this form was prepared by me or under my supervision and direction and is true to the best of my knowledge and belief, and that I have the authority to sign this form pursuant to 6 NYCRR Part 360. I am aware that any false statement made herein is punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

_____	_____	(_____) _____
Name (Print or Type)	Title (Print or Type)	Phone Number
_____	_____	_____
Address	City	State and Zip Code
_____	_____	
Signature	Date	

Attachment 2

REGISTERED C&D DEBRIS HANDLING AND RECOVERY FACILITY ANNUAL REPORT

(If you need assistance filling out this form please email swmfannualreport@dec.ny.gov or call 518-402-8678.)

This annual report is for the year of operation from January 01, 2021 to December 31, 2021

SECTION 1 – GENERAL INFORMATION

FACILITY INFORMATION			
FACILITY NAME:			
FACILITY LOCATION ADDRESS:	**FACILITY CITY:**	**STATE:**	**ZIP CODE:**
FACILITY TOWN:	**FACILITY COUNTY:**	**FACILITY PHONE NUMBER:**	
FACILITY NYS PLANNING UNIT: (A list of NYS Planning Units can be found at the end of this report).		**NYSDEC REGION #:**	

360 PERMIT #: (Refer to DEC Permit)	**DATE ISSUED:**	**DATE EXPIRES:**	**NYS DEC ACTIVITY CODE OR REGISTRATION NUMBER:** (Refer to DEC Registration)

FACILITY CONTACT:	☐ public ☐ private	**CONTACT PHONE NUMBER:**	**CONTACT FAX NUMBER:**
CONTACT EMAIL ADDRESS:			

OWNER INFORMATION			
OWNER NAME:	**OWNER PHONE NUMBER:**	**OWNER FAX NUMBER:**	
OWNER ADDRESS:	**OWNER CITY:**	**STATE:**	**ZIP CODE:**
OWNER CONTACT:	**OWNER CONTACT EMAIL ADDRESS:**		

OPERATOR INFORMATION	
OPERATOR NAME: ☐	☐ public ☐ private

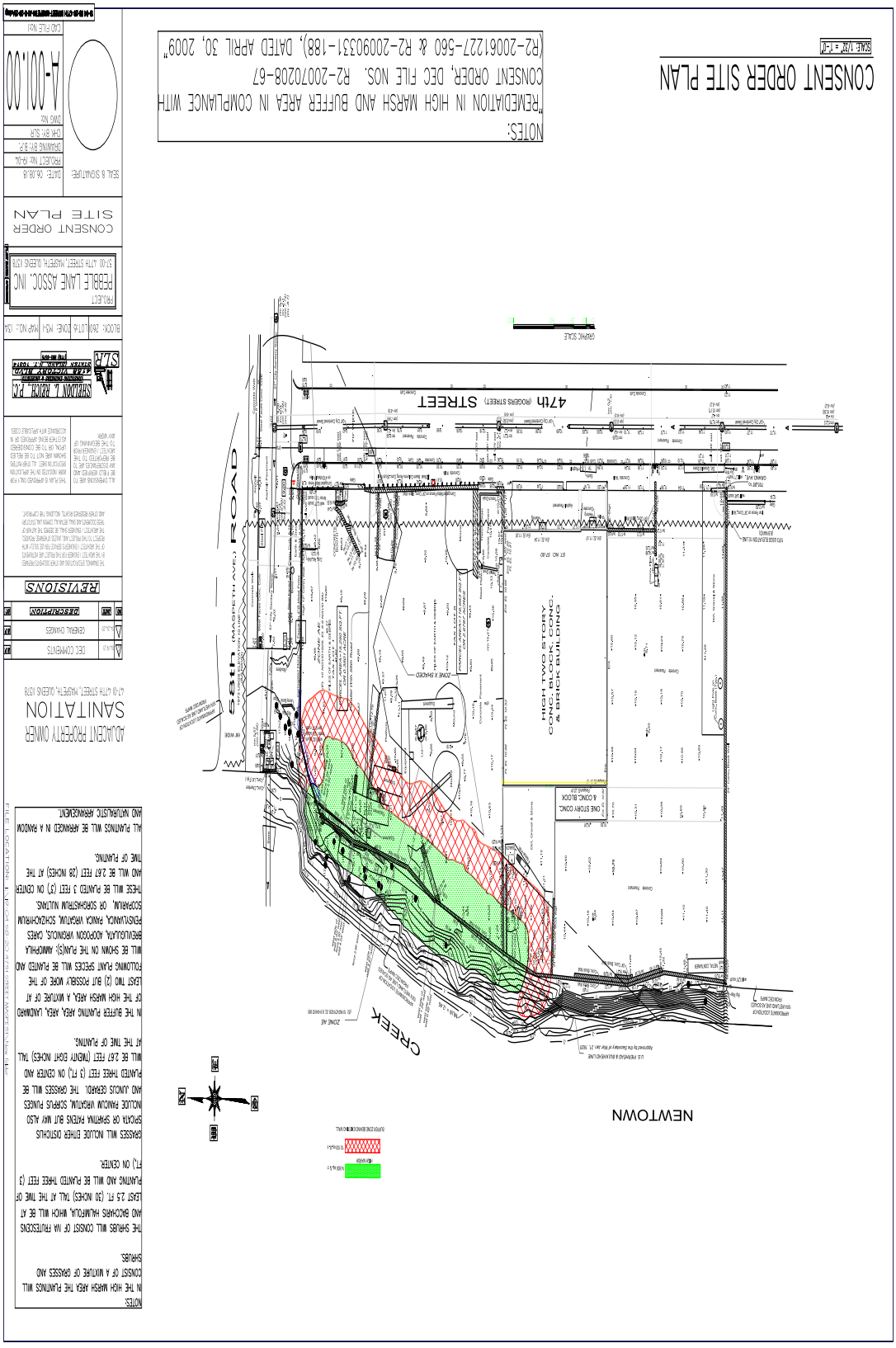
PREFERENCES
☐ ☐ ☐ ☐
☐ ☐ ☐
☐ ☐ ☐

Did you operate in 2021? ☐ Yes; Complete this form.

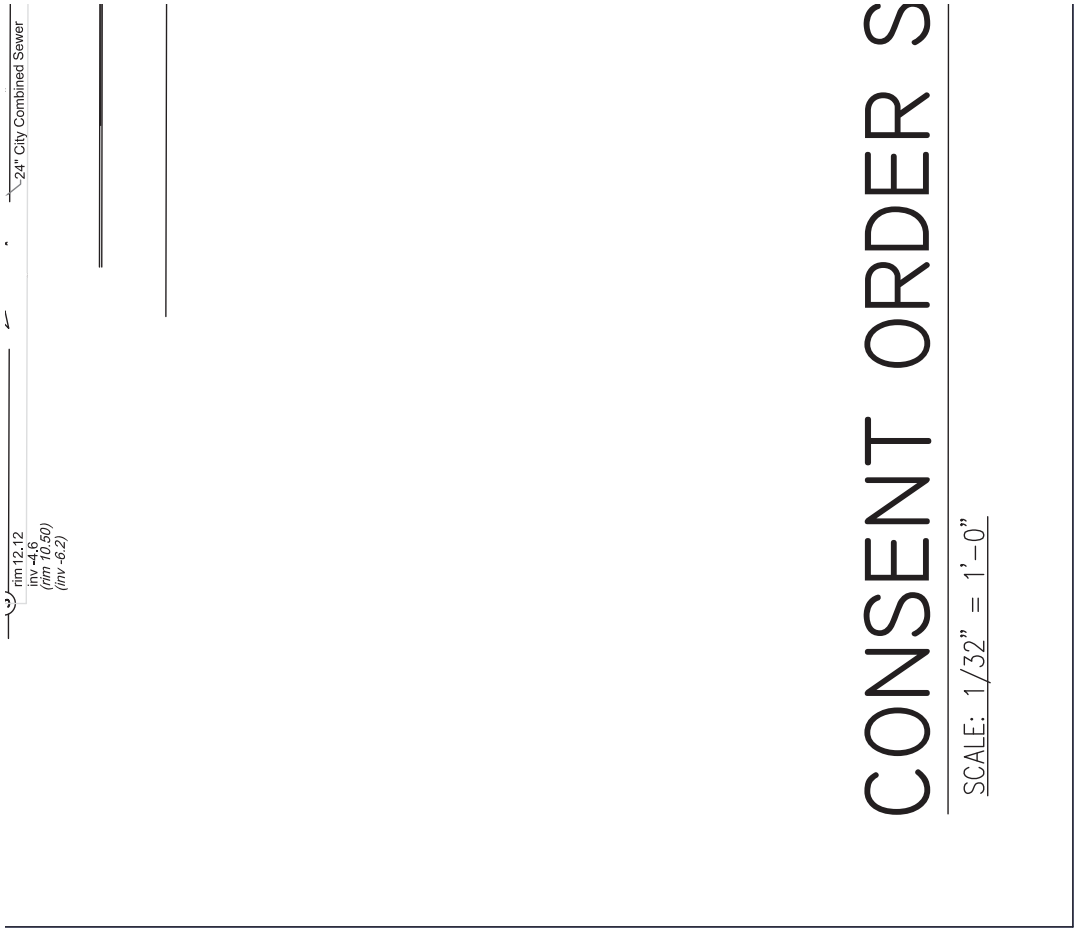
☐ No; Complete and submit Sections 1 and 11. If you no longer plan to operate and wish to relinquish your permit/registration associated with this solid waste management activity, also complete the "Inactive Solid Waste Management Facility or Activity Notification Form" located at: http://www.dec.ny.gov/chemical/52706.html .

Revised 4/2021

Attachment 3. A



Attachment 3. A (Page 1 of 12)



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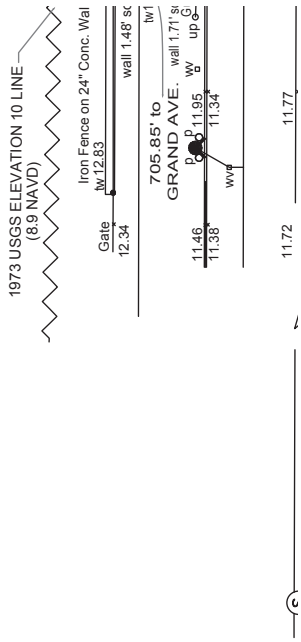

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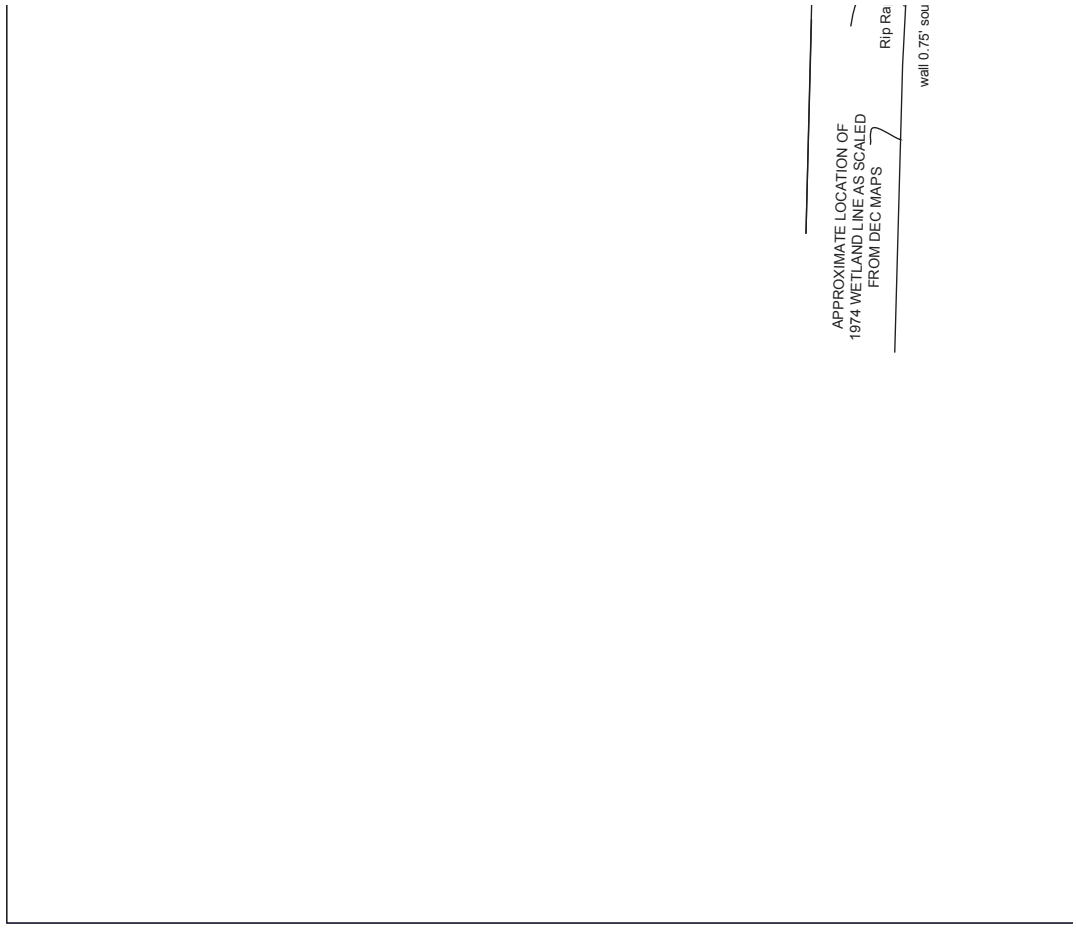

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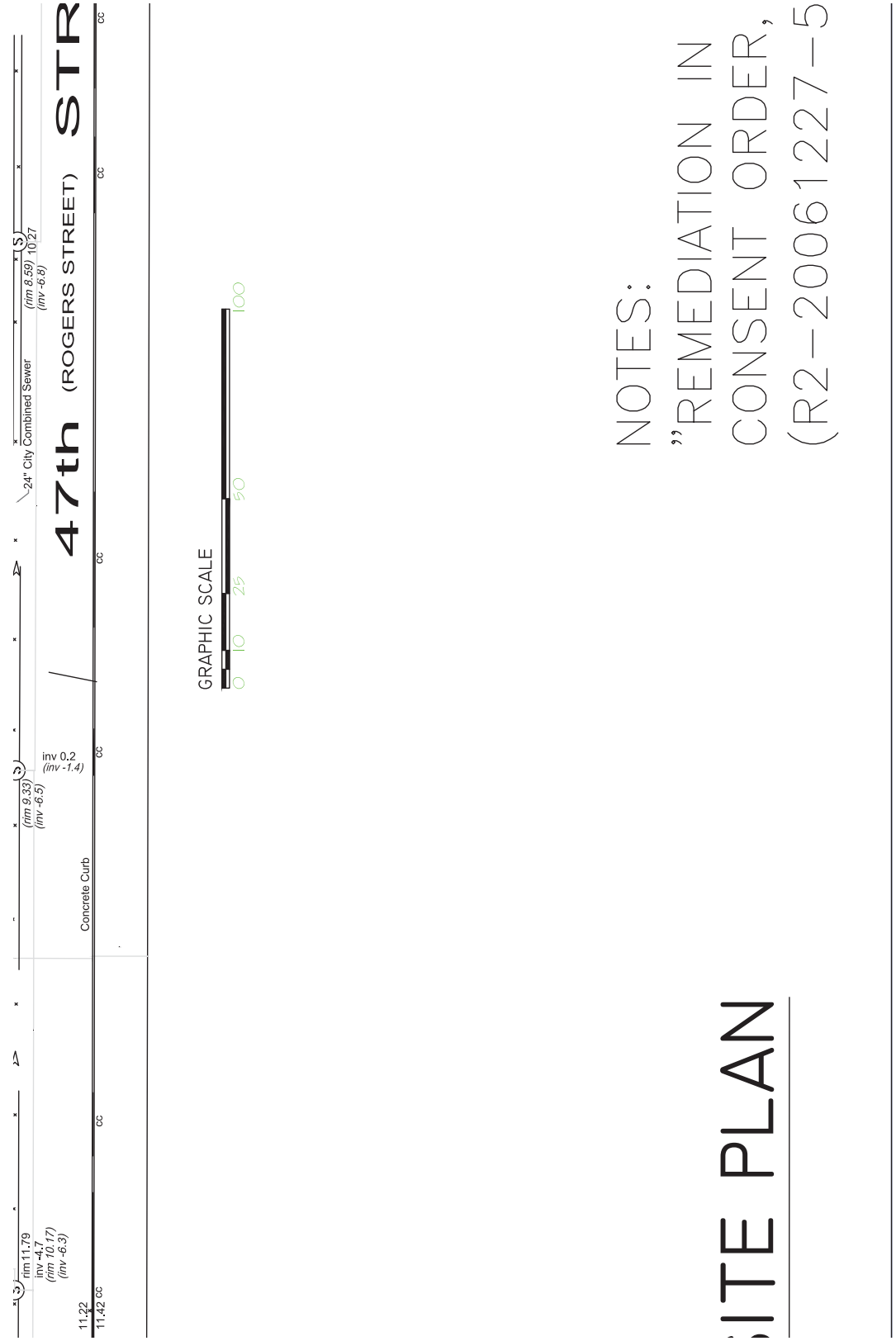

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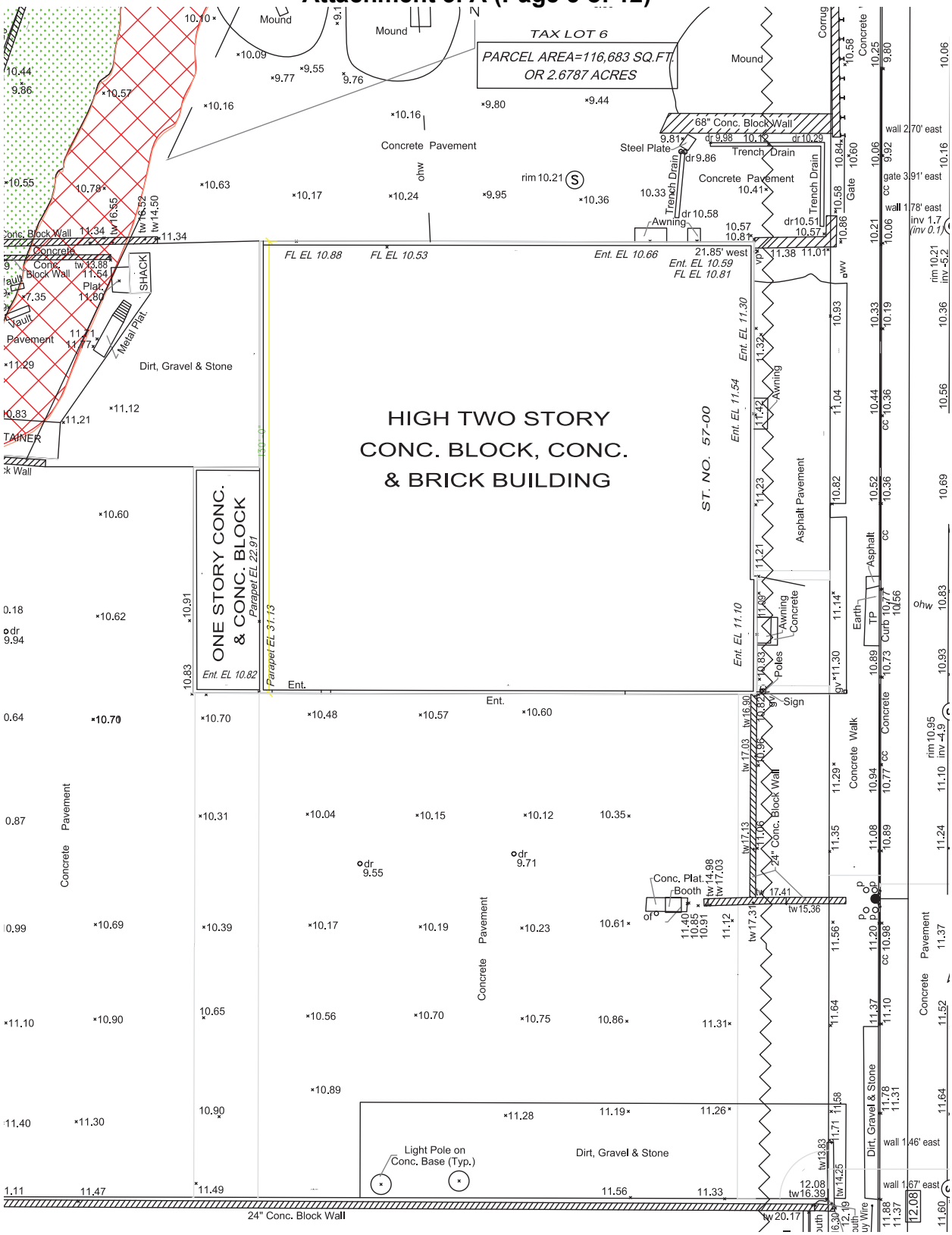
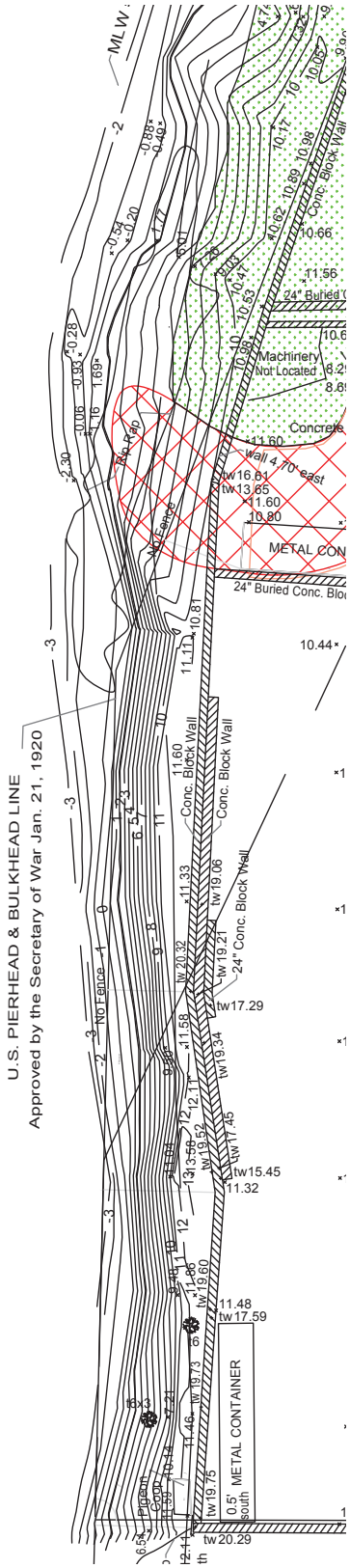
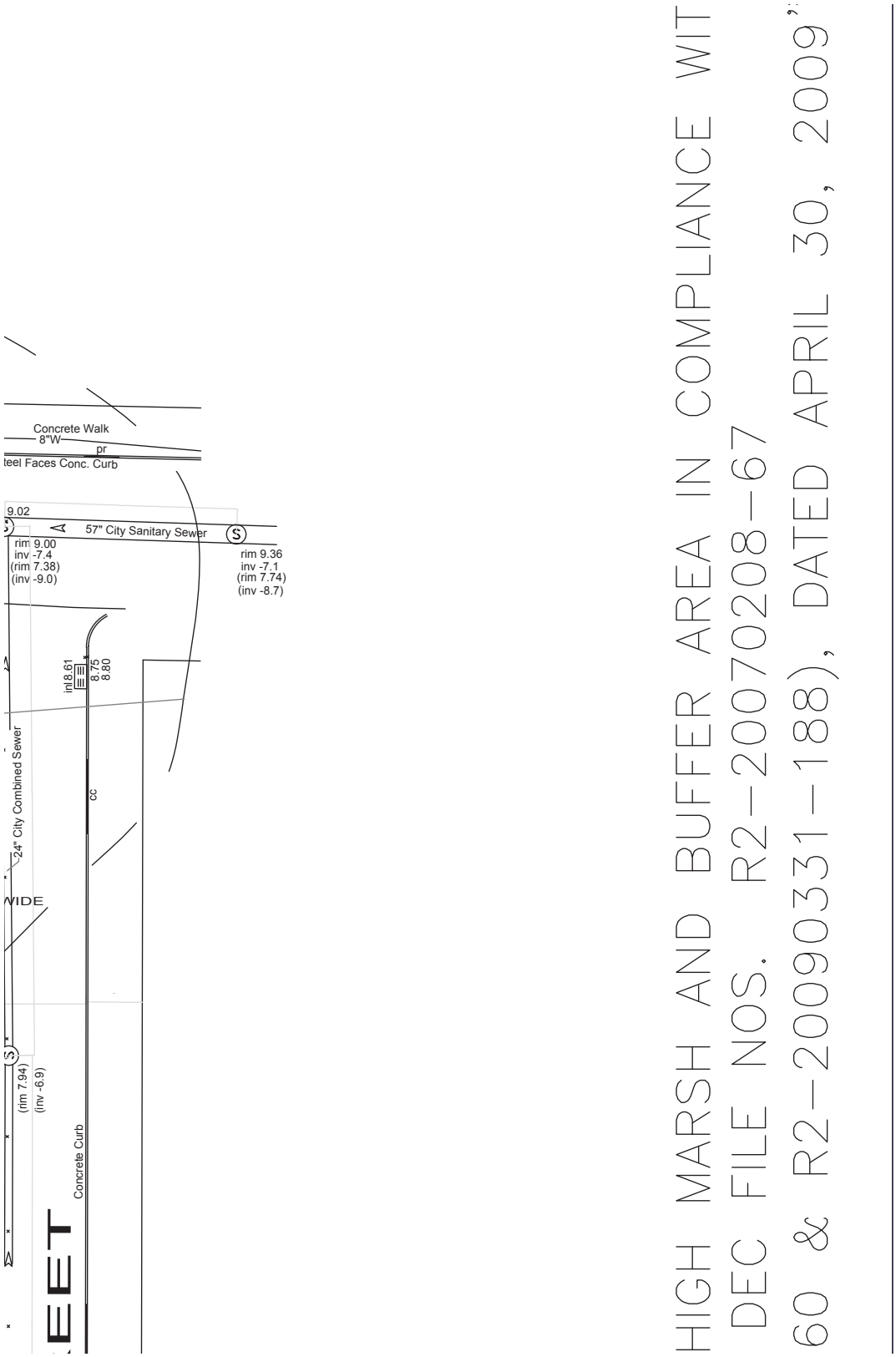


Attachment 3. A (Page 6 of 12)

NEWTOWN



Attachment 3. A (Page 7 of 12)



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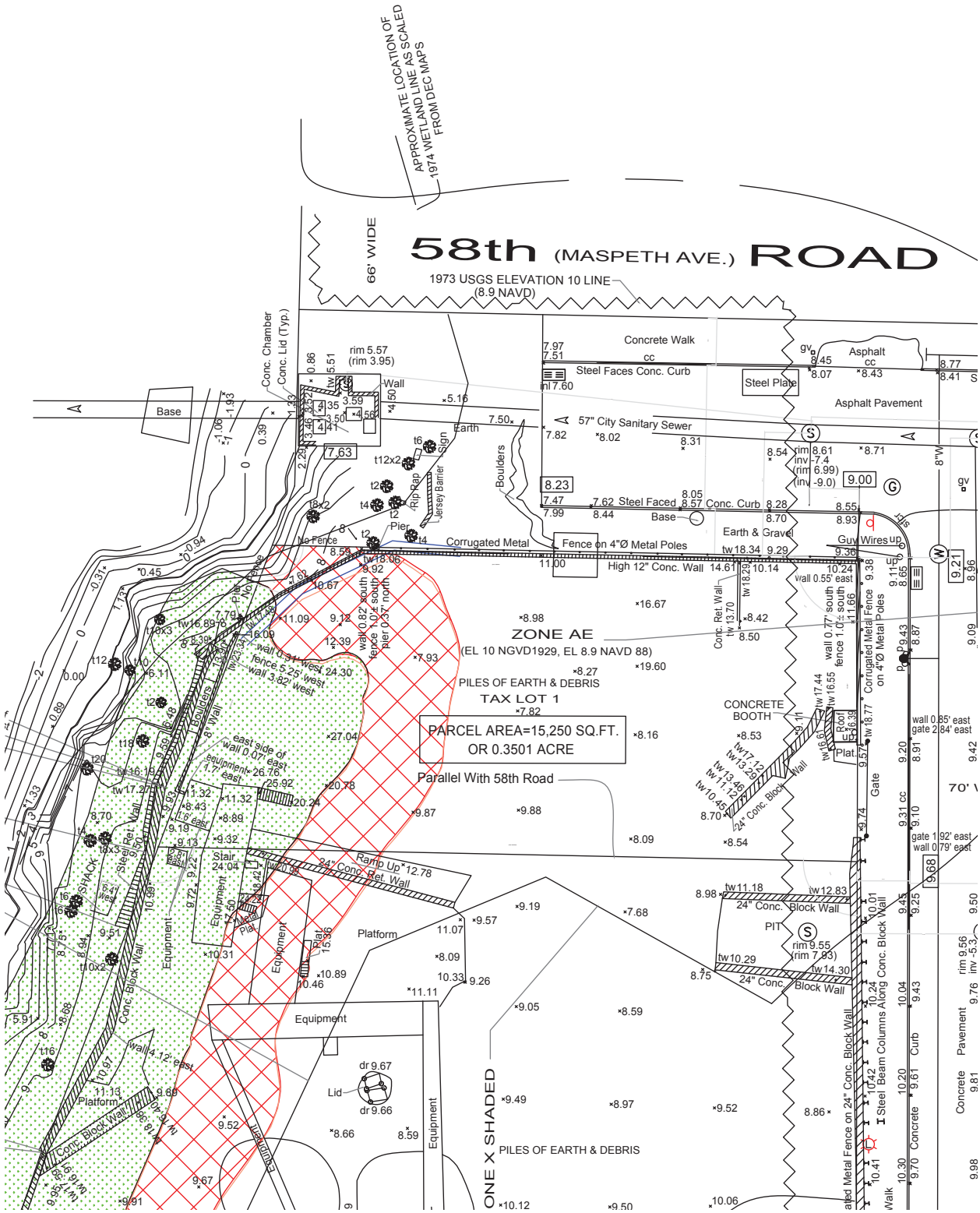

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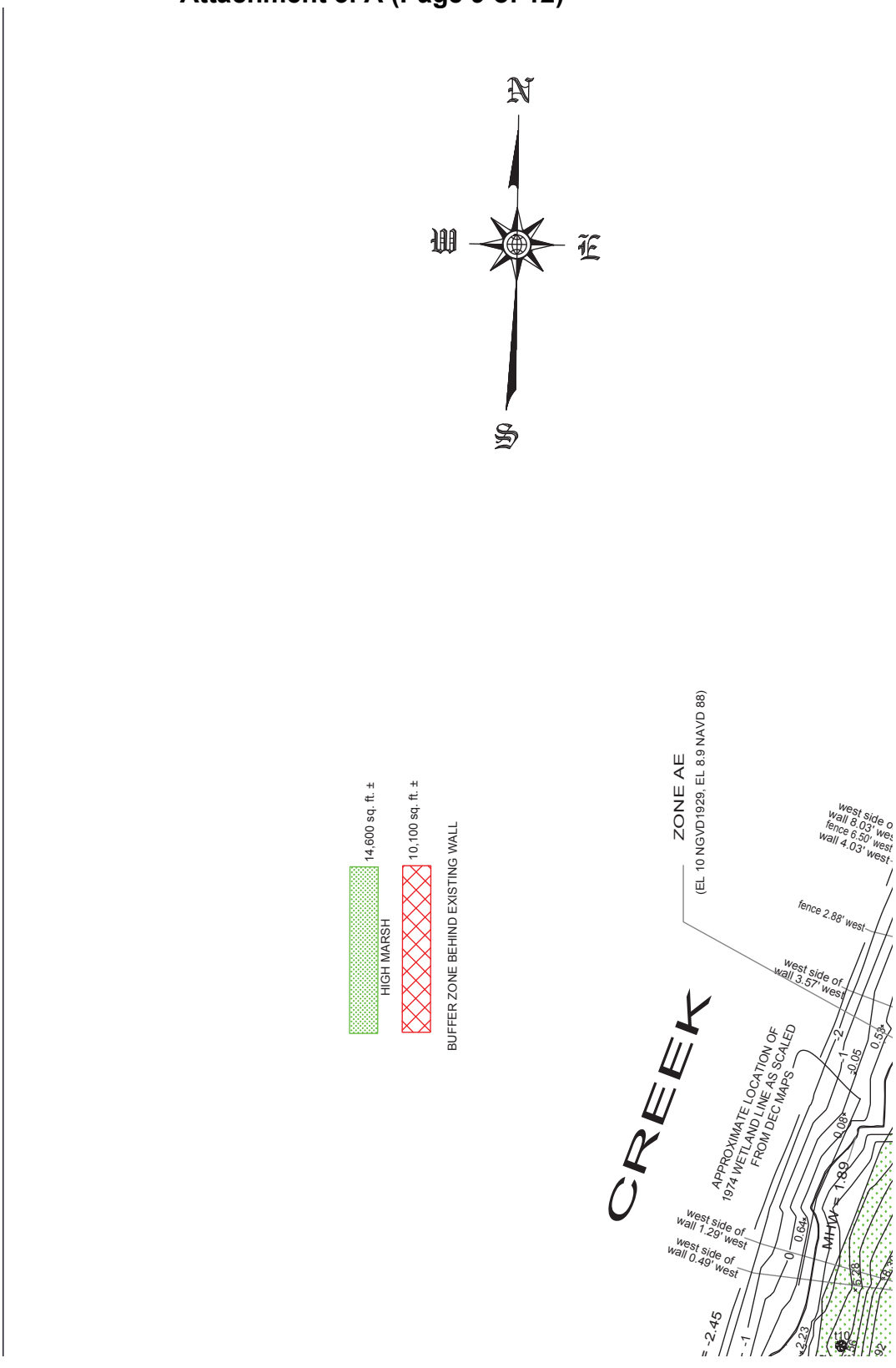

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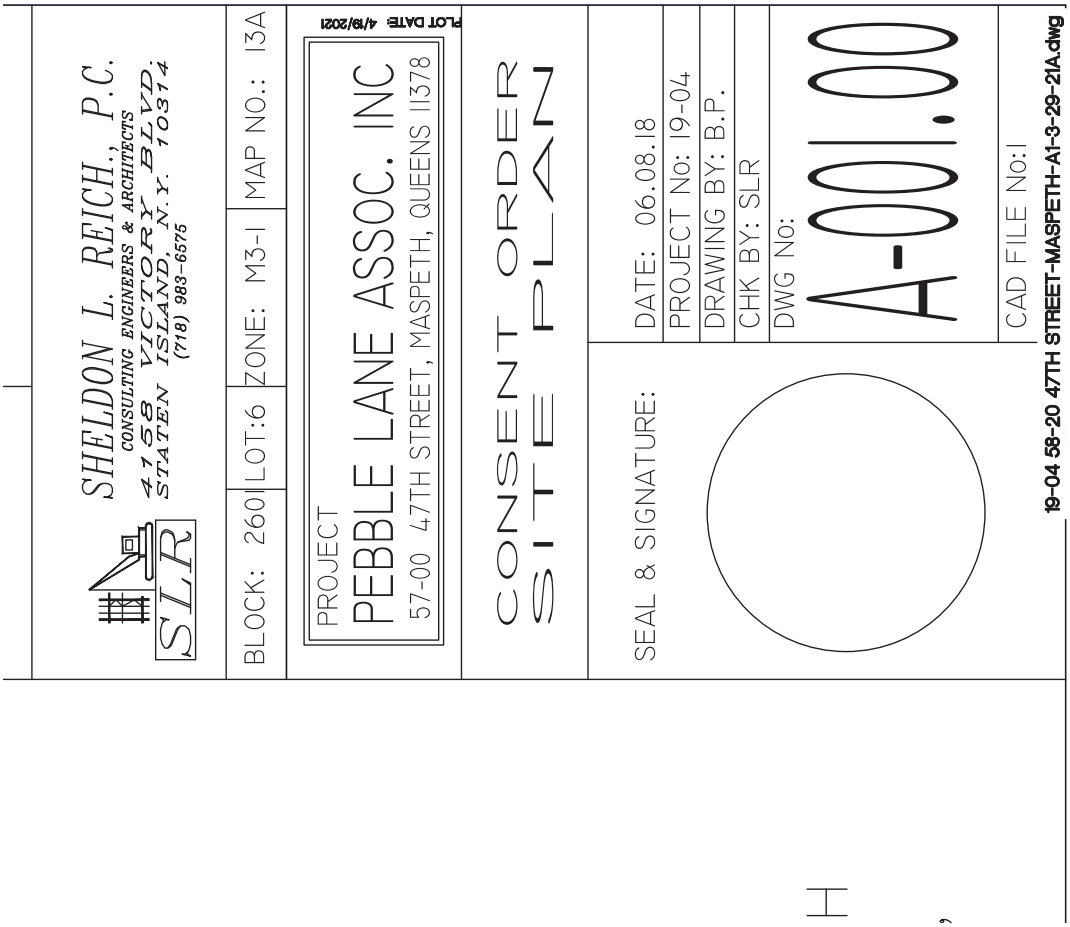

Attachment 3. A (Page 11 of 12)

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58-20 47TH STREET MASPETH\New folder

Attachment 3. A (Page 12 of 12)

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58-20 47TH STREET MASPETH\New folder

Attachment 3. B

Attachment 3. B (Page 1 of 12)

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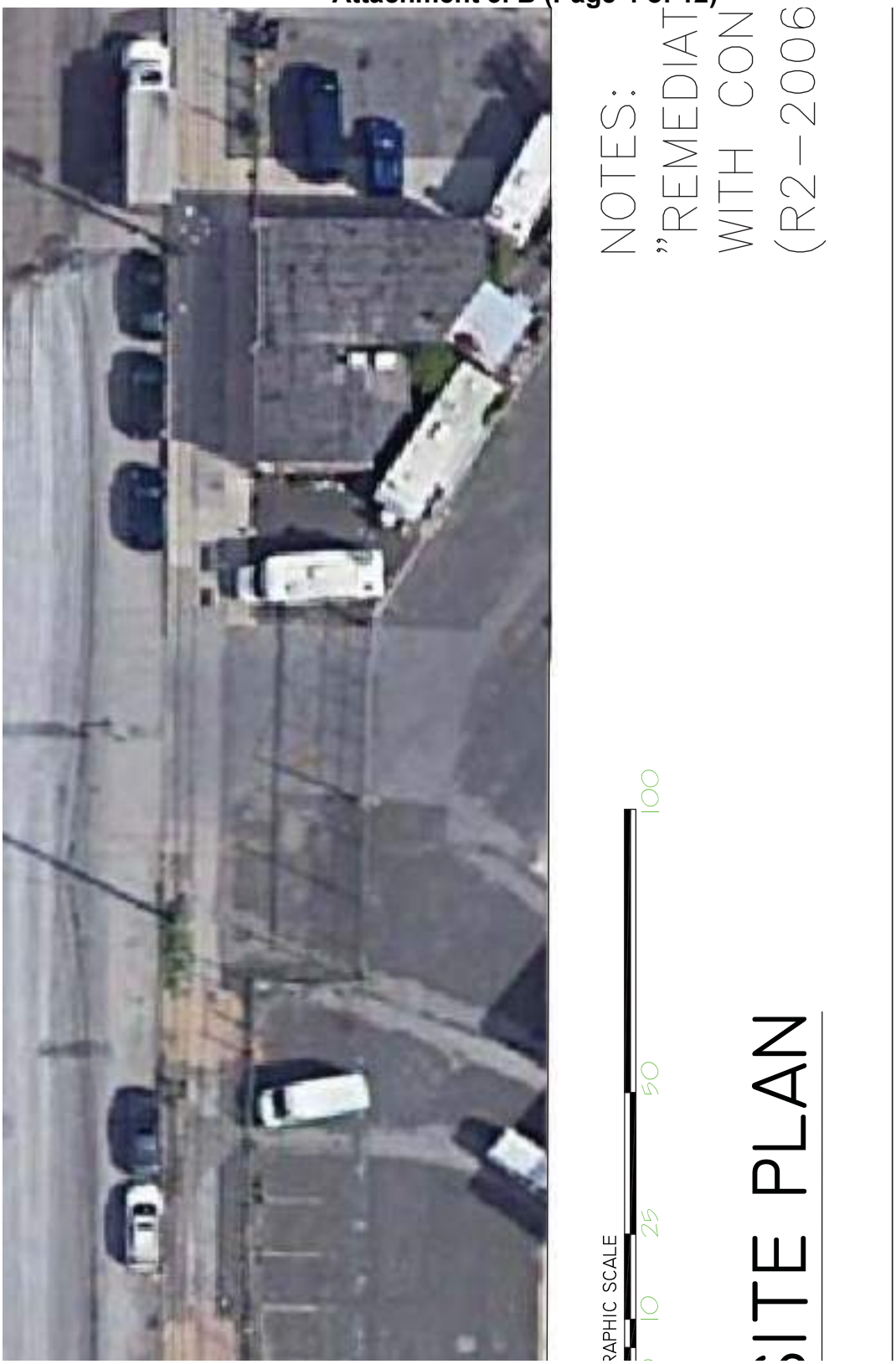
CONSENT ORDER S

SCALE: N.T.S.

Attachment 3. B (Page 2 of 12)

Attachment 3. B (Page 3 of 12)

Attachment 3. B (Page 4 of 12)



Attachment 3. B (Page 5 of 12)

Attachment 3. B (Page 6 of 12)

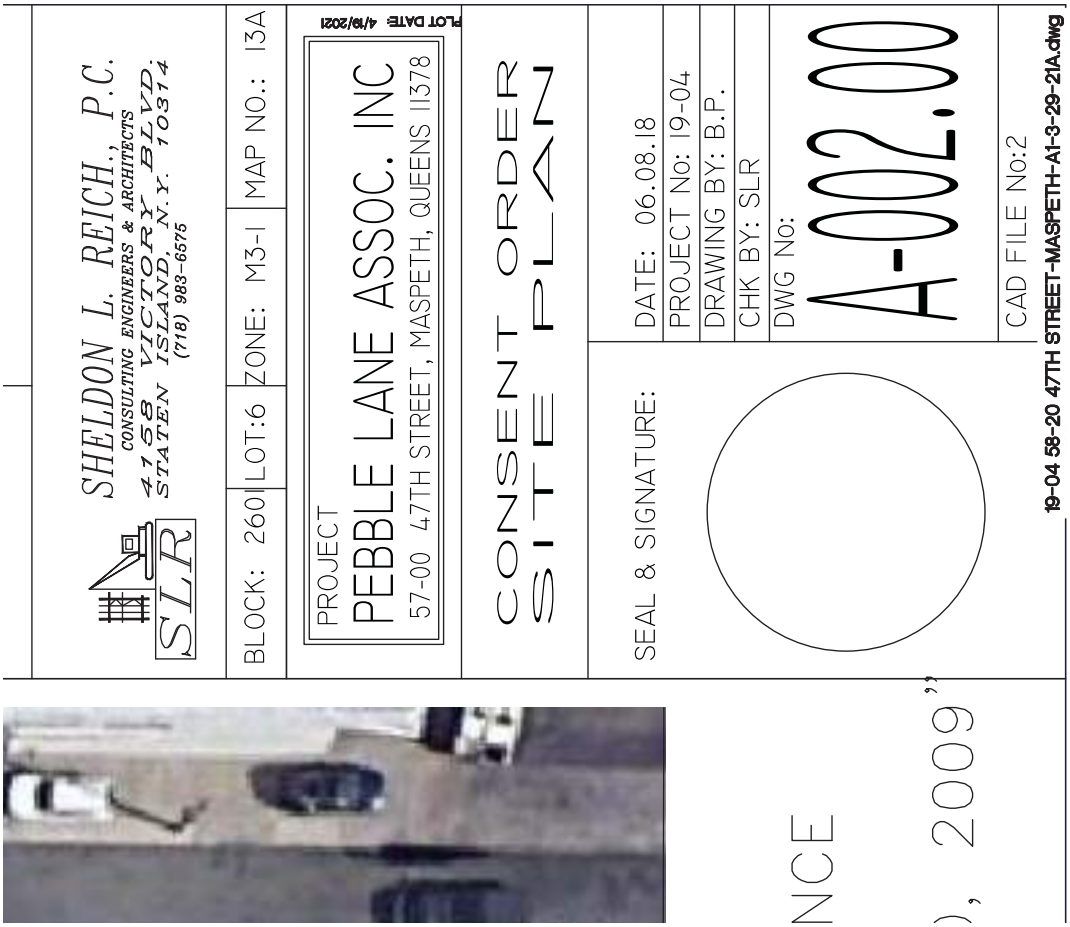
Attachment 3. B (Page 7 of 12)

ION IN HIGH MARSH AND BUFFER AREA IN COMPLIA
SENT ORDER, DEC FILE NOS. R2-20070208-67
1227-560 & R2-20090331-188), DATED APRIL 3C

Attachment 3. B (Page 8 of 12)

Attachment 3. B (Page 9 of 12)

Attachment 3. B (Page 10 of 12)



Attachment 3. B (Page 11 of 12)

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ALL PLANTINGS WILL BE ARRANGED IN A RANDOM AND NATURALISTIC ARRANGEMENT.

FILE LOCATION: I:\19-04

NO.	DATE	DESCRIPTION	BY:
2	04.19.21	DEC COMMENTS	B.P.
1	04.24.20	GENERAL CHANGES	B.P.

REVISIONS

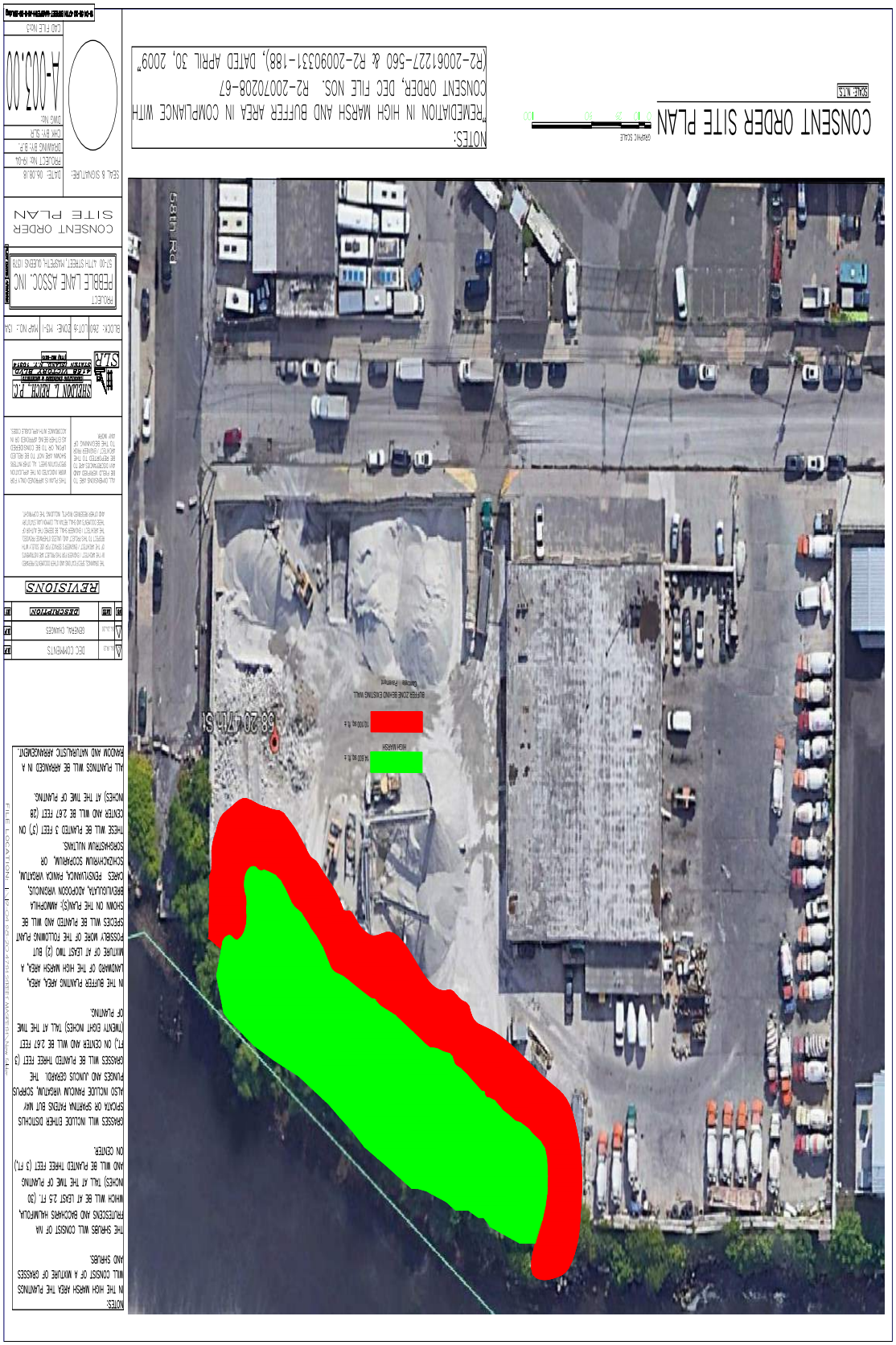
THE DRAWINGS, SPECIFICATIONS AND OTHER DOCUMENTS PREPARED BY THE ARCHITECT / ENGINEER FOR THIS PROJECT ARE INSTRUMENTS OF THE ARCHITECT / ENGINEER'S SERVICE FOR USE SOLELY WITH RESPECT TO THIS PROJECT AND, UNLESS OTHERWISE PROVIDED, THE ARCHITECT / ENGINEER SHALL BE DEEMED THE AUTHOR OF THESE DOCUMENTS AND SHALL RETAIN ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING THE COPYRIGHT.

ALL DIMENSIONS ARE TO BE FIELD VERIFIED AND ANY DISCREPANCIES ARE TO BE REPORTED TO THE ARCHITECT / ENGINEER PRIOR TO THE BEGINNING OF ANY WORK

THIS PLAN IS APPROVED ONLY FOR WORK INDICATED ON THE APPLICATION SPECIFICATION SHEET. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON, OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

Attachment 3. B (Page 12 of 12)

Attachment 3. C



Attachment 3. C (Page 1 of 12)

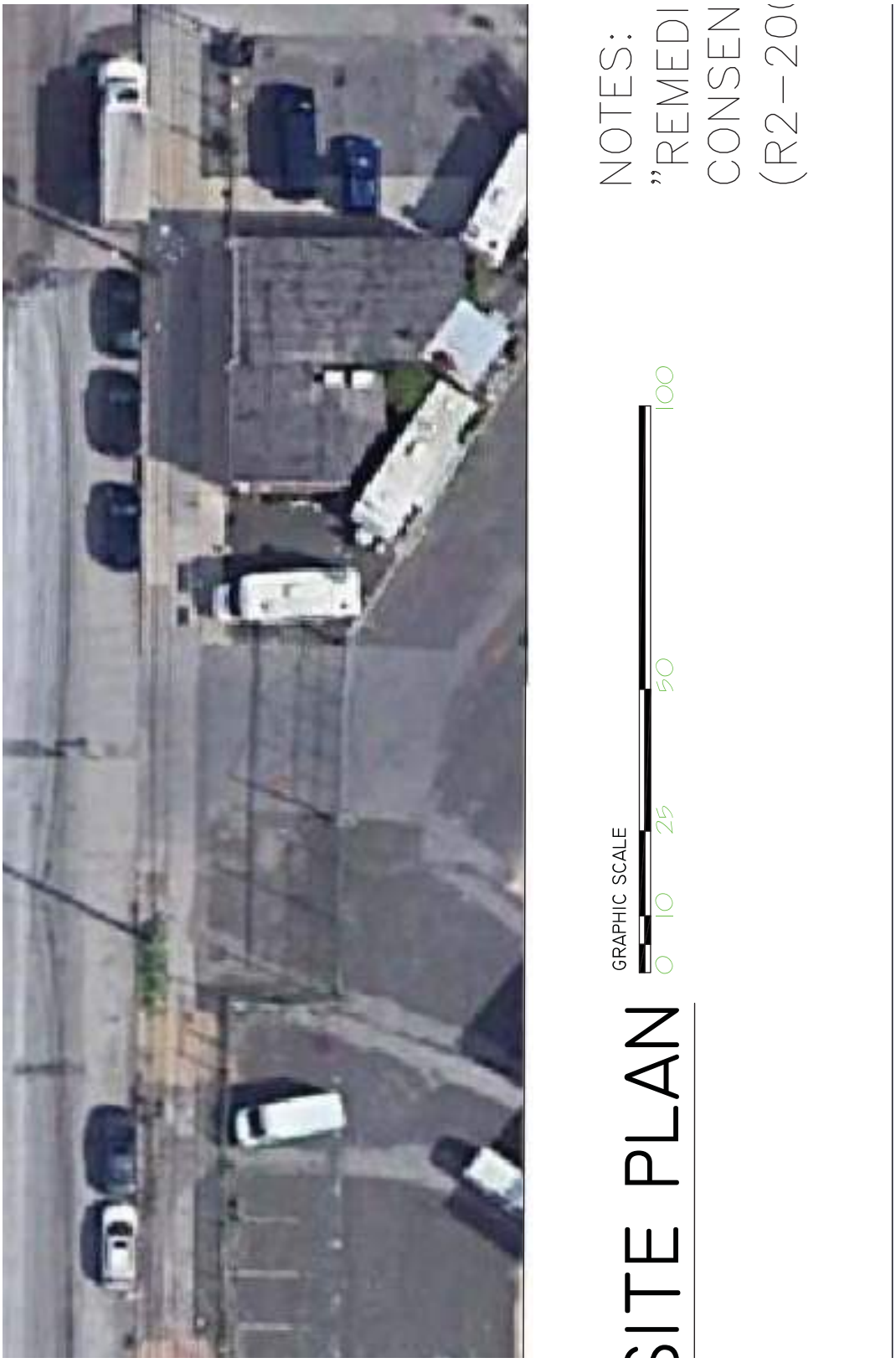
CONSENT ORDER C

SCALE: N.T.S.

Attachment 3. C (Page 2 of 12)

Attachment 3. C (Page 3 of 12)

Attachment 3. C (Page 4 of 12)



Attachment 3. C (Page 5 of 12)

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Attachment 3. C (Page 7 of 12)

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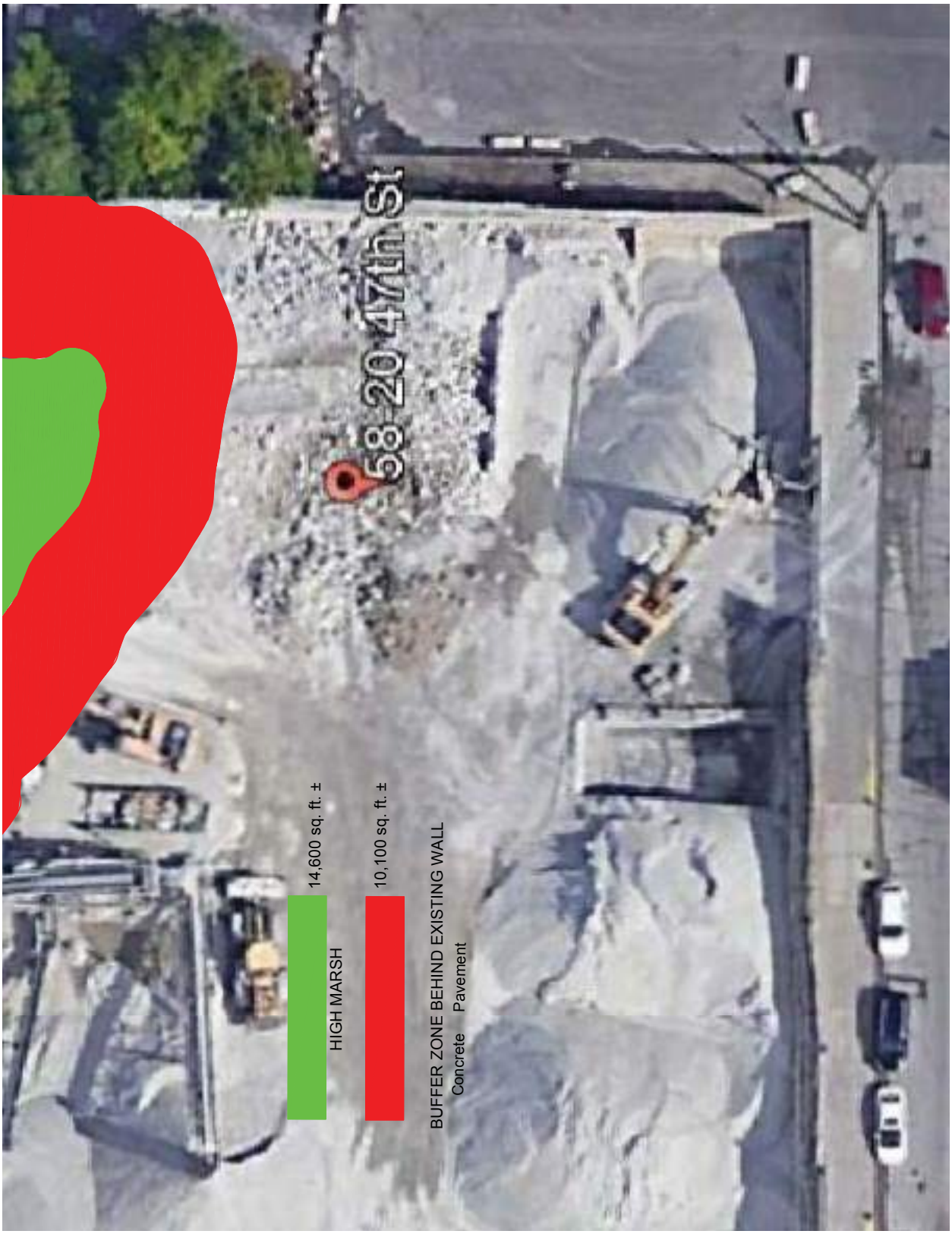
T ORDER, DEC FILE NOS. R2-20070208-67
061227-560 & R2-20090331-188), DATED APRIL 30,

Attachment 3. C (Page 8 of 12)



Attachment 3. C (Page 9 of 12)

Attachment 3. C (Page 10 of 12)

Attachment 3. C (Page 11 of 12)

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58-20 47TH STREET MASPETH\New folder

Attachment 4. A (Declaration for Lot 1) Page 1 of 5

D E C L A R A T I O N

THIS DECLARATION is made by EL Family Property Owner LLC and SLMJL Family Property Owner LLC, whose address is 248-22 Brookville Boulevard, Rosedale, NY 11422, hereinafter jointly called the "Declarant."

W I T N E S S E T H :

WHEREAS the Declarant is the owner of certain real property located in Queens County, City and State of New York, Queens County Tax Map Block 1, Lot 1, which real property is described in the metes and bounds description annexed hereto as "Attachment A" and which real property is hereinafter referred to as the "Subject Property;" and

WHEREAS the Subject Property is within the jurisdiction of the New York State Department of Environmental Conservation ("NYSDEC" or "Department")) under the article 25 of the New York State Environmental Conservation Law (the Tidal Wetlands Act") because it contains regulated tidal wetland and/or regulated wetland adjacent area; and

WHEREAS, Declarant has entered into an order on consent with NYSDEC under NYSDEC File number R2-20210416-53 (the Consent attached hereto as "Attachment B"), which requires among other things the creation and protection of the regulated tidal wetland on the Subject Property, which includes an area mapped as high marsh on the official tidal wetland inventory as shown on maps #590-506 and #590-508, and a thirty foot (30') wide vegetated buffer around that high marsh area partially on the Subject Property; and

WHEREAS, Declarant represents and warrants that no restriction of record on the use of the Subject Property, nor any present or presently existing future estate or interest in the Subject Property nor any right, obligation, covenant, limitation, or encumbrance of any kind precludes, prohibits or potentially, the imposition of the restrictions, covenants, obligations, easements and agreements of this Declaration or the development of the Subject Property in accordance therewith.

NOW, THEREFORE, Declarant does hereby declare that the Subject Property shall only be held, sold, conveyed and occupied subject to the following restrictions, covenants, obligations, and agreements, which are for the purpose of maintaining and protecting the tidal wetland and area adjacent thereto for the benefit of the citizens of the State of New York generally and for the benefit specifically of the owners and/or occupants of property

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Attachment 4. A (Declaration for Lot 1) Page 2 of 5

identified as Queens County Tax Block 2601, Lot 1, which maintenance and protection is in mitigation of the impacts to such regulated wetland and adjacent area from unauthorized filling and the extended duration of unauthorized commercial activities on the Subject Property, which restrictions, covenants, obligations, and agreements shall run with such real property, binding every party having any right, title, or interest in the Subject Property or any part thereof and binding all heirs, executors, administrators, successors, and assigns.

1. Declarant hereby covenants and agrees to develop and maintain in perpetuity as high marsh and vegetated buffer area the portion of the Subject Property depicted as such on, and in accordance with, the site plan identified as "Order Site Plan" Drawing A-001.00 – A-003.00, prepared by [illegible] Consulting Engineers & Architects, dated 06.08.18, and last revised 0[illegible]21, a copy of which is appended hereto as Attachment [illegible].

2. Declarant hereby covenants and agrees to further restrict and prohibit any person or party from performing, ordering, agreeing, any activity, change in grade, or change in vegetation [illegible] said high marsh and vegetated buffer area other than required pursuant to [illegible] Order. Declarant further covenants and agrees to restrict and prohibit any person or party from performing, any regulated activity, as defined in Part 661 of Chapter Six of the Official Compilation of Rules and Regulations of the State of New York (and any successor regulation) on or within such high marsh and vegetated buffer area.

3. Declarant, its successors and assigns and future grantees of all or a portion of any interest in the Subject Property shall set forth these covenants, restrictions and declarations in any and all transfer documents and leases of the property and shall by the terms of such lease subject the transferee or lessee to the covenants and restrictions contained herein. Failure by Declarant, its successors or assigns to so comply with such transfers or leases shall not invalidate the automatic subjugation of the transferee or lessee to these covenants, restrictions and declarations.

4. Declarant shall include a copy of this Declaration, executed and affixed with the file stamp and seal of the Clerk of the City of New York, County of Queens, as part of any application pertinent to the Subject Property submitted to the Department of Buildings of the City of New York, or to any agency succeeding to said department's jurisdiction.

5. If any section, subsection, paragraph, clause, phrase, or provision of these covenants, restrictions, and agreements shall, by a court of competent jurisdiction, be adjudged illegal, unlawful, or invalid, or held to be unconstitutional, the same judgment shall not affect the validity of this Declaration as a whole or any other part or provision hereof other than the parts so adjudged.

Attachment 4. A (Declaration for Lot 1) Page 3 of 5

6. The provisions herein contained shall be enforceable by the Attorney General of the State of New York, by the Commissioner of the Department, or by such agencies or regulatory authorities having jurisdiction over the Subject Property, and/or over the Declarant, its successors, and/or occupants of the Subject Property currently identified as Queens County Tax Block 2601, Lot 1. The failure of any such party individually or collectively to enforce any of the covenants, restrictions, and/or agreements contained herein shall in no event be deemed a waiver of the right to do so thereafter.

7. Any violation of these restrictions, covenants and agreements shall cause the violator, in addition to any fines, penalties, and/or forfeitures prescribed by law, to pay for any and all reasonable legal fees and expenses incurred by any party in enforcing the covenants, restrictions, and agreements herein.

8. If the Declarant, its successors, and/or assigns at the time of any interest in the Subject Property shall fail to comply with the obligations hereunder within five (5) days after receipt of a notice from any party entitled to enforce this Declaration, stating the obligation not complied with, and stating that the obligation cannot be complied with within such five-day period but compliance has been commenced and is being diligently pursued, said five-day period shall be extended for such time as may be reasonably necessary to effectuate compliance], the party or parties entitled to enforce this Declaration may cure such non-compliance and may come upon the Subject Property with such workers and materials as may be reasonably required for effectuating such compliance any time after five (5) days following the giving of such notice by Declarant, its successors, and/or assigns, or future owners-in-interest. The owner, owners, lessees, occupants, or other parties-in-interest of the Subject Property shall pay to the party enforcing and effectuating such compliance with this Declaration all reasonable costs incurred in effectuating compliance, including court costs, legal fees, disbursements, and paralegal charges. The remedy set forth above shall not be exclusive and parties seeking to enforce such Declaration shall have all rights and remedies at law or in equity to do so. In the event any party or parties having the right to enforce such Declaration shall bring any action at law or in equity for enforcement, and such enforcement is granted, the party against whom such enforcement is sought shall pay all legal fees, court costs, and other expenses of the party or parties seeking to enforce such Declaration, and if not paid the same shall become a lien against the Subject Property.

9. Each of the covenants, restrictions, and agreements contained in this Declaration shall run with the land in perpetuity, binding the Declarant and its successors and/or assigns, and each shall be so construed.

10. Declarant recognizes that the Department is an interested party to this Declaration

Attachment 4. A (Declaration for Lot 1) Page 4 of 5

and consents to the enforcement by the DEC of the covenants, restrictions, and agreements contained in such Declaration by whatever means are appropriate.

11. This Declaration may be amended, modified, or canceled only with the express written approval and consent of the Commissioner of the Department, or the head of the agency succeeding to its jurisdiction. No other approval or consent shall be required or accepted from any public body, private person, or legal entity of any kind.

12. Declarant hereby covenants and agrees that it shall immedia[illegible] record this Declaration after execution by Declarant in the [illegible] Cler[illegible] of New York, Queens County, and Declarant shall ensu[illegible] at s[illegible] Decla[illegible] dexed against the Subject Property. Declarant further cov[illegible] nts [illegible] gree[illegible] e a copy of this Declaration as stamped, recorde[illegible] ed, [illegible] s a [illegible] f such Declaration by the Cit[illegible] ounty, to the Regional Permit Administrator for Region 2 ([illegible] Yo[illegible] tment. The Department shall also have the r[illegible] and record th[illegible] with the Clerk of the City of New York, Que[illegible]

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ne[illegible] _____
(insert name of landowner)

State of New York
County of [illegible]

On the [illegible] da[illegible] _____, 2021, before me personally ca[illegible] _____, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and who being duly sworn, deposed and stated that (s)he is the _____ of EL FAMILY PROPERTY OWNER, LLC, the company described in and which executed the foregoing instrument, and that (s)he was authorized by said company to execute the foregoing instrument.

_____
Notary Public

Attachment 4. A (Declaration for Lot 1) Page 5 of 5

State of New York)
County of) ss.:

On this _____ day of _____, 2021, before me personally came _____, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument, who being duly sworn, deposed and attested that (s)he is _____ of SLMJL FAMILY [illegible] company described in and which executed the foregoing instrument, and that (s)he was authorized by said company to execute the foregoing instrument.

_____
Notary Public

DRAFT

_ _

NOTE: [illegible] OWING TEXT IN THE FINAL DRAFT. ADD THE ATTACHMENTS INSTEAD

[Attachment to this declaration is a metes-and-bounds description of Queens County Tax Map 2601 Lot 1]

[Attachment to this declaration is a copy of the 2021 Order on Consent]

[Attachment C to this declaration is the plan identified as "Consent Order Site Plan" Drawing A-0.00 – A-003.00, prepared by Sheldon L. Reich, P.C., Consulting Engineers & Architects, dated 06.08.18, and last revised 04.19.21. You can use the 39 pages of Attachment 3.A – 3.C from the consent order]

Attachment 4. B (Declaration for Lot 6) Page 1 of 6

D E C L A R A T I O N

THIS DECLARATION is made by RL Family Property Owner LLC, EL Family Property Owner LLC, and SLMJL Family Property Owner LLC (hereinafter collectively referred to as the "Declarant"), whose address is 248-22 Brookville Boulevard, Rosedale, NY 11422,

W I T N E S S E T H

WHEREAS the Declarant is the owner of certain real property located in the County, City and State of New York, Queens County, Tax Block 16, Lot 6, which real property is described in the metes and bounds description annexed hereto as "Attachment A" and which real property is hereinafter referred to as the "Subject Property;" and

WHEREAS the Subject Property is within the jurisdiction of the New York State Department of Environmental Conservation ("NYSDEC" or "Department")) under the article 25 of the New York State Environmental Conservation Law ("the Tidal Wetlands Act") because it contains regulated tidal wetland and regulated wetland adjacent area; and

WHEREAS, Declarant has entered into an agreement on consent with NYSDEC under NYSDEC File number R2-20210416-53 (the "Consent" attached hereto as "Attachment B"), which requires among other things the creation and protection of the regulated tidal wetland on the Subject Property, which includes an area mapped as high marsh on the official tidal wetlands inventory as shown on maps #590-506 and #590-508, and a thirty foot (30') wide vegetated buffer around that high marsh area partially on the Subject Property; and

WHEREAS, Declarant represents and warrants that no restriction of record on the use of the Subject Property, nor any present or presently existing future estate or interest in the Subject Property nor any right, obligation, covenant, limitation, or encumbrance of any kind precludes, prohibits or potentially, the imposition of the restrictions, covenants, obligations, easements and agreements of this Declaration or the development of the Subject Property in accordance therewith.

NOW, THEREFORE, Declarant does hereby declare that the Subject Property shall only be held, sold, conveyed and occupied subject to the following restrictions, covenants, obligations, and agreements, which are for the purpose of maintaining and protecting the tidal wetland and area adjacent thereto for the benefit of the citizens of the State of New York generally and for the benefit specifically of the owners and/or occupants of property

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Attachment 4. B (Declaration for Lot 6) Page 2 of 6

identified as Queens County Tax Block 2601, Lot 6, which maintenance and protection is in mitigation of the impacts to such regulated wetland and adjacent area from unauthorized filling and the extended duration of unauthorized commercial activities on the Subject Property, which restrictions, covenants, obligations, and agreements shall run with such real property, binding every party having any right, title, or interest in the Subject Property or any part thereof and binding all heirs, executors, administrators, successors, and assigns.

1. Declarant hereby covenants and agrees to develop and m[illegible]in in perpetuity as high marsh and vegetated buffer area the portion of the Sub[illegible]roperty depicted as such on, and in accordance with, th[illegible] site[illegible]ider[illegible]Consent Order Site Plan" Drawing A-001.00 – A-003.00, [illegible]pare[illegible]She[illegible]ch, P.C., Consulting Engineers & Architects, dated 06[illegible]18, [illegible]st re[illegible] 04.19.21, a reduced copy of which is appen[illegible]ere[illegible]ment

2. Declarant hereby covenants and a[illegible]rees to [illegible]er re[illegible]prohibit any person or party from performi[illegible]rderi[illegible]g, agri[illegible]y, change in grade, or change in vegetati[illegible]said h[illegible]m[illegible]tated buffer area other than required pursua[illegible]mplia[illegible]er. Declarant further covenants and agrees to rei[illegible]d to [illegible] person or party from performing, any [illegible]d a[illegible]ity, as [illegible]Par[illegible]661 of Chapter Six of the Official Compilatio[illegible]Rule[illegible]d Reg[illegible]of the State of New York (and any successor regu[illegible]or [illegible]hin such hi[illegible]marsh and vegetated buffer area.

3. Declarant, its su[illegible]s ar[illegible]s al[illegible]ure grantees of all or a portion of any i[illegible]the [illegible]ct P[illegible]l set fo[illegible]n these covenants, restrictions and de[illegible]y and all transfe[illegible]eases of the property and shall by the terms of such leas[illegible]ject t[illegible]nsferee or lessee to the covenants and restrictions co[illegible]here[illegible]e fa[illegible]e Declarant, its successors or assigns to so c[illegible]sfers[illegible]ases[illegible]ot invalidate the automatic subjugation of the tran[illegible]sse[illegible]ese covenants, restrictions and declarations.

4. D[illegible]rant[illegible]inc[illegible]t copy of this Declaration, executed and affixed with the file [illegible]p a[illegible]of th[illegible]Clerk of the City of New York, County of Queens, as part of any [illegible]plicati[illegible]pertinent to the Subject Property submitted to the Department of Buildings[illegible]he City of New York, or to any agency succeeding to said department's jurisdiction.

5. If any section, subsection, paragraph, clause, phrase, or provision of these covenants, restrictions, and agreements shall, by a court of competent jurisdiction, be adjudged illegal, unlawful, or invalid, or held to be unconstitutional, the same judgment shall not affect the validity of this Declaration as a whole or any other part or provision hereof other than the parts so adjudged.

Attachment 4. B (Declaration for Lot 6) Page 3 of 6

6. The provisions herein contained shall be enforceable by the Attorney General of the State of New York, by the Commissioner of the Department, or by such agencies or regulatory authorities having jurisdiction over the Subject Property, and/or over the Declarant, its successors, and/or occupants of the Subject Property currently identified as Queens County Tax Block 2601, Lot 6. The failure of any such party individually or collectively to enforce any of the covenants, restrictions, and/or agreements contained herein shall in no event be deemed a waiver of the right to do so thereafter.

7. Any violation of these restrictions, covenants and agreements shall cause the violator, in addition to any fines, penalties, and/or forfeitures prescribed by law, to pay for any and all reasonable legal fees and expenses incurred by any party in enforcing the covenants, restrictions, and agreements herein.

8. If the Declarant, its successors, and/or assigns at the time of any interest in the Subject Property shall fail to comply with the obligations hereunder within five (5) days after receipt of a notice from any party entitled to enforce this Declaration, stating the obligation not complied with, and stating that the obligation cannot be complied with within such five-day period but compliance has been commenced and is being diligently pursued, said five-day period shall be extended for such additional time as reasonably necessary to effectuate compliance], the party or parties entitled to enforce this Declaration may cure such non-compliance and may come upon the Subject Property with such workers and materials as may be reasonably required for effectuating such compliance any time after five (5) days following the mailing of such notice by Declarant, its successors, and/or assigns, or future owners-in-interest. The owner, owners, lessees, occupants, or other parties-in-interest of the Subject Property shall pay to the party enforcing and effectuating such compliance with this Declaration all reasonable costs incurred in effectuating compliance, including court costs, legal fees, disbursements, and title search charges. The remedy set forth above shall not be exclusive of any other parties seeking to enforce such Declaration shall have all rights at law or equity to do so. In the event any party or parties having the right to enforce such Declaration shall bring any action at law or in equity for enforcement, and such enforcement is granted, the party against whom such enforcement is sought shall pay all legal fees, court costs, and other expenses of the party or parties seeking to enforce such Declaration, and if not paid the same shall become a lien against the Subject Property.

9. Each of the covenants, restrictions, and agreements contained in this Declaration shall run with the land in perpetuity, binding the Declarant and its successors and/or assigns, and each shall be so construed.

10. Declarant recognizes that the Department is an interested party to this Declaration

Attachment 4. B (Declaration for Lot 6) Page 4 of 6

and consents to the enforcement by the DEC of the covenants, restrictions, and agreements contained in such Declaration by whatever means are appropriate.

11. This Declaration may be amended, modified, or canceled only with the express written approval and consent of the Commissioner of the Department, or the head of the agency succeeding to its jurisdiction. No other approval or consent shall be required or accepted from any public body, private person, or legal entity of any kind.

12. Declarant hereby covenants and agrees that it shall immedia[illegible] record this Declaration after execution by Declarant in the [illegible] Cler[illegible]y of New York, Queens County, and Declarant shall ensu[illegible]at s[illegible]ecla[illegible]dexed against the Subject Property. Declarant further co[illegible]ants [illegible]gre[illegible]e a copy of this Declaration as stamped, recorde[illegible]d, [illegible]s a [illegible]f such Declaration by the Clerk of the Cit[illegible]ounty, to the Regional Permit Administrator for Region 2 ([illegible]Yo[illegible]tment. The Department shall also have the [illegible]and record th[illegible]with the Clerk of the City of New York, Que[illegible]

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[illegible]ign[illegible] _____
(ins[illegible]of landowner)

State of New York
County of

On thi[illegible] of _____, 2021, before me personally came _____, personally known to me or proved to me [illegible]e b[illegible]fact[illegible]dence to be the individual whose name is subscribed to the wi[illegible]inst[illegible]who [illegible]duly sworn, deposed and stated that (s)he is the _____ of **RL FAMILY PROPERTY OWNER, LLC**, the company described in and [illegible]ich executed the foregoing instrument, and that (s)he was authorized by said c[illegible]mpany to execute the foregoing instrument.

_____
Notary Public

Attachment 4. B (Declaration for Lot 6) Page 5 of 6

State of New York)
County of) ss.:

On this _____ day of _____, 2021, before me personally came _____, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument, who being duly sworn, deposed and stated that (s)he is the _____ of **EL FAMILY PROPERTY OWNER, LLC**, the company described in and which executed the foregoing instrument, and that (s)he was authorized by said company to execute the foregoing instrument.

_____
Notary Public

State of New York)
County of) ss.:

On this _____ day of _____, 2021, before me personally came _____, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument, who being duly sworn, deposed and stated that (s)he is the _____ of **SLMJL FAMILY PROPERTY OWNER, LLC**, the company described in and which executed the foregoing instrument, and that (s)he was authorized by said company to execute the foregoing instrument.

_____
Notary Public

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Attachment 4. B (Declaration for Lot 6) Page 6 of 6

NOTE: OMIT THE FOLLOWING TEXT IN THE FINAL DRAFT. ADD THE ATTACHMENTS INSTEAD

[Attachment A to this Declaration is a metes-and-bounds description of Queens County Tax Block 2601 Lot 6.]

[Attachment B to this Declaration is a copy of the 2021 Order on Consent]

[Attachment C to this Declaration is the plan identified as "Consent Order Site Plan" Drawing A-001.00 – A-003.00, prepared by Sheldon L. Reiss, P.C., Consulting Engineers & Architects, dated 06.08.18, and last revised [illegible]21. [illegible]e the 39 pages of Attachment 3.A – 3.C from the consent order.]

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APPENDIX: OFFSET INFORMATION FORM

This form should be signed by any Respondent requesting a penalty payment schedule in an Order

** FORM TO BE DESTROYED AFTER PAYMENT IS MADE **

NYS Department of Environmental Conservation
Tax Information Form and Statewide Offset Program Notice

In reference to the debt to the State of New York
• memorialized in document number R2-20210416-53
• signed by Respondent _____

State agencies may refer past-due accounts to a private collection agency or the New York State Attorney General's Office. Further, Section 171-f of 'the State Tax Law authorizes State agencies to certify a past-due legally enforceable debt to the New York State Department of Taxation and Finance, for collection by offset of tax overpayments or other payments due from the State. In addition, State agencies are authorized to charge a collection fee, up to 22 percent of the outstanding debt; on accounts that are more than 90 days past due.

This form serves to notify you that the above referenced debt may be certified to the Department of Taxation and Finance for offset if not timely paid. The Department of Taxation and Finance is authorized, by law to collect your past-due debt through the offset of certain State and tax Refunds and other State payments.

You have the right to present written evidence, or to appear at a conference with a representative of this agency to present oral or written evidence in support of a defense to this certification. However, you may not challenge the underlying debt at that time, nor reargue any issue which was, or could have been previously heard.

Defenses that would be acceptable include (1) the debt has been paid, (2) you are not the person identified as the debtor in this notice, (3) the total amount owed is incorrect, (4) a deferred payment agreement is in effect and payments have been paid as agreed, (5) the debt has been discharged in bankruptcy, or (6) the debt is currently in bankruptcy.
Tax Identification Number
Social Security Number __. ____ -- ____ --_____
Employer Identification Number ____ --_____ _

One copy to be retained by New York State Department of Environmental Conservation.
One copy to be retained by the above referenced Respondent.

CONSENT BY RESPONDENT EMILIO LAMANNA

Respondent EMILIO LAMANNA hereby consents to the issuance and entry of this Order without further notice, waives his/her/their right to a hearing in this matter, and agrees to be bound by the terms, conditions and provisions of this Order.

SIGNATURE

4/28/21
DATE (PRINT)

INDIVIDUAL ACKNOWLEDGMENT

DAVID O'NEILL
Notary Public, State of New York
No. 01ON6202621
Qualified in Nassau County
Commission Expires March 23, ~~2021~~ 2025

State of New York:
County of NASSAU) ss.:

On the 28 day of APRIL in the year 2021, before me, the undersigned, personally appeared EMILIO LAMANNA, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her capacity, and that by his/her/their signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

DAVID O'NEILL
Notary Public

CONSENT BY RESPONDENT MARY JEAN LAMANNA

Respondent MARY JEAN LAMANNA hereby consents to the issuance and entry of this Order without further notice, waives his/her/their right to a hearing in this matter, and agrees to be bound by the terms, conditions and provisions of this Order.

Mary Jean Lamanna
SIGNATURE

4|28|21
DATE (PRINT)

INDIVIDUAL ACKNOWLEDGMENT

DAVID O'NEILL
Notary Public, State of New York
No. 01ON6202621
Qualified in Nassau County
Commission Expires March 23, 2025

State of New York:
County of NASSAU) ss.:

On the 28 day of APRIL in the year 2021, before me, the undersigned, personally appeared MARY JEAN LAMANNA, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her capacity, and that by his/her/their signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

ROSSANA BORTONE (RB)

CONSENT BY RESPONDENT ~~ROSANNA BARTONE~~

ROSSANA BORTONE (RB)

Respondent ~~ROSANNA BARTONE~~ hereby consents to the issuance and entry of this Order without further notice, waives his/her/their right to a hearing in this matter, and agrees to be bound by the terms, conditions and provisions of this Order.

Rossana Bartone
SIGNATURE

04.28.21
DATE (PRINT)

INDIVIDUAL ACKNOWLEDGMENT

State of New York:
County of NASSAU) ss.:

DAVID O'NEILL
Notary Public, State of New York
No. 01ON6202621
Qualified in Nassau County
Commission Expires March 23, ~~2021~~ 2025

On the 28TH day of APRIL in the year 2021, before me, the undersigned, personally appeared ROSSANA BORTONE, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her capacity, and that by his/her/their signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

CONSENT BY RESPONDENT SABATINO LAMANNA

Respondent SABATINO LAMANNA hereby consents to the issuance and entry of this Order without further notice, waives his/her/their right to a hearing in this matter, and agrees to be bound by the terms, conditions and provisions of this Order.

SIGNATURE

4/28/21
DATE (PRINT)

INDIVIDUAL ACKNOWLEDGMENT

DAVID O'NEILL
Notary Public, State of New York
No. 01ON6202621
Qualified in Nassau County
Commission Expires March 23, ~~2021~~ 2025

State of New York:
County of NASSAU) ss.:

On the 28 day of APRIL in the year 2021, before me, the undersigned, personally appeared SABATINO LAMANNA, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her capacity, and that by his/her/their signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

CONSENT BY RESPONDENT PEBBLE LANE ASSOCIATES, INC.

Respondent PEBBLE LANE ASSOCIATES, INC. consents to the issuance and entry of the foregoing Order without further notice, waives its rights to a hearing herein and agrees to be bound by the terms, conditions and provisions of this Order.

PEBBLE LANE ASSOCIATES, INC.

BY: _____ (SIGNATURE)

NAME: Emilio Lamanna (PRINT)

TITLE OF OFFICER: VP (PRINT)

DATED: 4/28/21 (PRINT)

ACKNOWLEDGMENT

State of New York)
County of NASSAU) ss.:

DAVID O'NEILL
Notary Public, State of New York
No. 01ON6202621
Qualified in Nassau County
Commission Expires March 23, 2021

On this 28 day of APRIL, 2021, before me personally came EMILIO LAMANNA, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument, who being duly sworn, deposed and stated that (s)he is the VP of PEBBLE LANE ASSOCIATES, INC., the corporation described in and which executed the foregoing instrument, and that (s)he was authorized by said corporation to execute the foregoing instrument.

DAVID O'NEILL
Notary Public

CONSENT BY RESPONDENT 57-00 MASPETH AVENUE, LLC

Respondent 57-00 MASPETH AVENUE, LLC consents to the issuance and entry of the foregoing Order without further notice, waives its rights to a hearing herein and agrees to be bound by the terms, conditions and provisions of this Order.

57-00 MASPETH AVENUE, LLC

BY: _____ (SIGNATURE)

NAME: Emilio Lamanna (PRINT)

TITLE OF OFFICER: member (PRINT)

DATED: 4/28/21 (PRINT)

ACKNOWLEDGMENT

State of New York)
County of NASSAU) ss.:

DAVID O'NEILL
Notary Public, State of New York
No. 01ON6202621
Qualified in Nassau County
Commission Expires March 23, ~~2021~~ 2025

On this 28 day of APRIL, 2021, before me personally came EMILIO LAMANNA, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument, who being duly sworn, deposed and stated that (s)he is the member of 57-00 MASPETH AVENUE, LLC, the company described in and which executed the foregoing instrument, and that (s)he was authorized by said company to execute the foregoing instrument.

David O'Neill
Notary Public

CONSENT BY RESPONDENT RL FAMILY PROPERTY OWNER, LLC

Respondent RL FAMILY PROPERTY OWNER, LLC consents to the issuance and entry of the foregoing Order without further notice, waives its rights to a hearing herein and agrees to be bound by the terms, conditions and provisions of this Order.

RL FAMILY PROPERTY OWNER, LLC

BY: Rossana Bartone (SIGNATURE)

NAME: ROSSANA BARTONE (PRINT)

TITLE OF OFFICER: MEMBER (PRINT)

DATED: 4.26.21 (PRINT)

ACKNOWLEDGMENT

State of New York)
County of NASSAU) ss.:

DAVID O'NEILL
Notary Public, State of New York
No. 01ON6202621
Qualified in Nassau County
Commission Expires March 23, 2025

On this 28TH day of APRIL, 2021, before me personally came ROSSANA BARTONE, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument, who being duly sworn, deposed and stated that (s)he is the member of RL FAMILY PROPERTY OWNER, LLC, the company described in and which executed the foregoing instrument, and that (s)he was authorized by said company to execute the foregoing instrument.

DAVID O'NEILL
Notary Public

CONSENT BY RESPONDENT EL FAMILY PROPERTY OWNER, LLC

Respondent EL FAMILY PROPERTY OWNER, LLC consents to the issuance and entry of the foregoing Order without further notice, waives its rights to a hearing herein and agrees to be bound by the terms, conditions and provisions of this Order.

EL FAMILY PROPERTY OWNER, LLC

BY: _____ (SIGNATURE)

NAME: Emilio Lamanna (PRINT)

TITLE OF OFFICER: member (PRINT)

DATED: 4/28/21 (PRINT)

ACKNOWLEDGMENT

State of New York)
County of NASSAU) ss.:

DAVID O'NEILL
Notary Public, State of New York
No. 01ON6202621
Qualified in Nassau County
Commission Expires March 23, 2021 2021

On this 28TH day of April, 2021, before me personally came EMILIO LAMANNA, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument, who being duly sworn, deposed and stated that (s)he is the member of EL FAMILY PROPERTY OWNER, LLC, the company described in and which executed the foregoing instrument, and that (s)he was authorized by said company to execute the foregoing instrument.

DAVID O'NEILL
Notary Public

CONSENT BY RESPONDENT SLMJL FAMILY PROPERTY OWNER, LLC

Respondent SLMJL FAMILY PROPERTY OWNER, LLC consents to the issuance and entry of the foregoing Order without further notice, waives its rights to a hearing herein and agrees to be bound by the terms, conditions and provisions of this Order.

SLMJL FAMILY PROPERTY OWNER, LLC

BY: _____ (SIGNATURE)

NAME: Sabatino Lamanna (PRINT)

TITLE OF OFFICER: member (PRINT)

DATED: 4/28/21 (PRINT)

ACKNOWLEDGMENT

State of New York)
County of NASSAU) ss.:

DAVID O'NEILL
Notary Public, State of New York
No. 01ON6202621
Qualified in Nassau County
Commission Expires March 23, 2021 2025

On this 28 day of APRIL, 2021, before me personally came SABATINO LAMANNA, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument, who being duly sworn, deposed and stated that (s)he is the member of SLMJL FAMILY PROPERTY OWNER, LLC, the company described in and which executed the foregoing instrument, and that (s)he was authorized by said company to execute the foregoing instrument.

David O'Neill
Notary Public

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566 Tel: (516) 546-1100 Fax : (516) 213-8156

December 5, 2013

Mr. Ryan Piper, Case Manager
New York State Department of Environmental Conservation, Region 2
47-40 21st Street
Long Island City, New York 11101

Re: **Diesel Fuel Spill Remediation - Spill No. 13-06438**
Industrial Property
57-00 47th Street, Maspeth, New York

Dear Mr. Piper:

This letter summarizes recent spill remediation activities performed by Preferred Environmental Services (Preferred), in concert with Almar Supplies Inc. (Almar), to address a release of diesel fuel associated with New York State Department of Environmental Conservation (NYSDEC) Spill No. 13-06438. Spill No. 13-06438 was assigned on September 19, 2013 due to the identification of diesel fuel-contaminated pea-gravel, surrounding fill piping, during the removal of an out-of-service (OOS) 4,000-gallon single wall fiberglass Underground Storage Tank (UST) at the industrial property located at 57-00 47th Street, Maspeth, New York (Subject Property).

UST removal and subsequent remedial work was performed on September 19, 2013 by Almar, in conjunction with their Fire Department of New York-permitted tank removal contractor AARCO Environmental Services (AARCO), with environmental oversight provided by Preferred. All remedial work was performed in accordance with a verbal work scope provided to the NYSDEC representative (Mr. Ryan Piper) at the time of the UST removal/spill assignment. A photographic log is included as an attachment as well as a detailed Figures (**Figures 1-3**) to document the spill remediation.

Project Background

The former 4,000-gallon single wall fiberglass diesel fuel UST (listed as Tank No. 001 on the Petroleum Bulk Storage Permit 2-318744) had been reportedly out-of-service for approximately one year. The UST was reportedly installed in 1985 and was last successfully integrity tested via a five (5) year precision test on February 14, 2011 by Henrich/Dry As-A-Bone.

On July 30, 2013, the property owner received a violation from the City of New York Fire Department (FDNY) for "*the failure to perform a two (2) year functionality test of the leak detecting system protecting the motor fuel storage system*" of the 4,000 gallon diesel fuel UST. In lieu of re-testing, the leak detection system, the property owner voluntarily decided to remove the UST as it was no longer needed.

UST Removal and Diesel Fuel Spill Remediation

On September 19, 2013, Preferred, in conjunction with Almar and AARCO, removed the out-of-service 4,000-gallon UST from the ground. Prior to its removal, a total 350-gallons of residual diesel fuel and sludge was removed from within the UST, utilizing an NYCRR Part 364-permitted vacuum truck for off-site transport and disposal. During the uncovering of the UST for removal purposes, pea-gravel containing diesel fuel odors, staining and elevated PID readings was noted surrounding former fill piping along the top of the UST. The NYSDEC was subsequently notified and Spill No. 13-06438 was assigned to the property. The UST was observed to be contained within a solid concrete vault.

Upon removal of the UST, no holes or cracks were noted along the UST shell other than those that were created during actual UST removal efforts. Staining was noted along a majority of the UST, likely associated with the limited release associated with the former fill piping along the top of the UST.

Pea-gravel contained within the concrete vault was noted to contain diesel fuel odors, staining and exhibited elevated PID readings. The pea-gravel was subsequently removed from within the vault and placed into a 20-yard roll-off container, awaiting off-site disposal. In addition, trapped water containing diesel fuel odors and sheens within the vault was also removed by a pump truck for proper off-site disposal. A total of 31.07 tons of diesel fuel impacted pea-gravel and 930 gallons of trapped water were removed from within the vault that was measured to extend to twelve (12) feet below grade surface (bgs), at which point the concrete floor of the vault was encountered. The vault was then cleaned and inspected and was noted to be in good condition with no visible holes or direct exposure to adjacent and/or underlying soils.

As requested by the NYSDEC, two (2) soil borings were advanced through the concrete base of the vault via a decontaminated stainless steel hand auger in order to assess underlying soil conditions. Soils encountered below the concrete vault consisted of dark brown to black silty sands with various fill material. Field screening of soils within the two soil borings (B-1 and B-2) confirmed the absence of petroleum impacted soils (e.g., odors, staining, elevated PID readings, etc) from the directly below the concrete vault located at 12.5 feet bgs to a depth of 13 feet bgs, at which point groundwater was encountered. Subsequently, two (2) soil samples (B-1 (12.5-13 ft bgs) and B-2 (12.5-13 ft bgs)) were collected for laboratory analysis. As verbally agreed upon with the NYSDEC, during a subsequent telephone conversation, sidewall soil samples were not required due to the presence of the concrete vault that was confirmed to possess integrity.

Waste Disposal

A total of 350-gallons of residual diesel fuel and 930-gallons of trapped oily water was transported by AARCO Environmental Services (NYR000107326) to the Advanced Waste and Water Technology, Inc. Facility located at 208 Rt. 109, Farmingdale, NY. A total of 31.07 tons of diesel fuel contaminated pea-gravel was transported by Rizzo Environmental Services, a Part 364 licensed waste transporter, in a 20-yard roll-off container to Clean Earth of Carteret disposal facility located at 24 Middlesex Avenue, Carteret, NJ. All waste manifests are included as **Appendix B**.

Endpoint Sampling Analytical Data

The two (2) soil samples (B-1 (12.5-13 ft bgs) and B-2 (12.5-13 ft bgs)) collected by Preferred's geologist were submitted for laboratory analysis for NYSDEC CP-51 List Volatile Organic Compounds (VOCs) by EPA Method 8260 and NYSDEC CP-51 List Semi-Volatile Organic Compounds (SVOCs) by EPA Method 8270 to an NYSDOH-ELAP certified Laboratory (American Analytical Laboratories, LLC). Laboratory analytical data are included as **Appendix C**. Analytical results were then compared to Soil Clean-up Objectives (SCOs) for Fuel Oil Contaminated Soil NYSDEC CP-51/Soil Cleanup Guidance issued October 21, 2010.

As summarized in **Table 1**, only one (1) VOC compound (sec-Butylbenzene) was detected above its

respective laboratory Method Detection Limits (MDLs) in both soil samples. However, sec-Butylbenzene was reported well below its associated NYSDEC CP-51 Soil Cleanup Objective (SCO) within both samples.

A number of SVOC compounds were reported above their respective MDLs within both endpoint soil samples, consistent with the fill like material observed below the concrete vault. Of the detected SVOC compounds, three (3) compounds (Benzo(a)anthracene at 1,100 µg/kg, Chrysene at 1,100 µg/kg and Indeno(1,2,3-c,d)pyrene at 570 µg/kg) were reported slightly above (well within one order of magnitude) their associated NYSDEC SCOs within endpoint soil sample B-2 at 12.5-13 ft bgs. Of the detected SVOC compounds in endpoint sample B-1(12.5-13 ft bgs), all were reported below or at their respective NYSDEC SCOs.

Summary and Conclusions

Spill remediation was conducted at the industrial property located at 57-00 47th Street, Maspeth, New York on September 19, 2013 in order to address NYSDEC Spill 13-06438. Remedial activities included the removal and disposal of 31.07 tons of diesel fuel impacted pea-gravel and 930 gallons of trapped water from within the former concrete vault. Laboratory analysis of one (1) endpoint soil sample (B-1(12.5-13 ft bgs)) collected directly below the concrete vault documented compliant soil conditions underlying the southern portion of the concrete vault. Although slight SVOC exceedances were reported within endpoint soil sample B-2 at12.5-13 ft bgs), collected below the northern portion of the UST vault, these concentrations are just above their applicable SCOs, and are generally consistent with the fill material observed underlying the vault. Therefore, these marginal concentrations are not considered to be indicative of impacts due to the former UST and storage of diesel fuel.

Based upon the successful removal of diesel fuel impacted pea-gravel and trapped water within a solid concrete vault and the compliant soil conditions documented under the southern portion of the concrete vault and near compliant soil conditions under the northern portion of the concrete vault, as documented by endpoint soil samples, closure of NYSDEC Spill No. 13-06438 is respectfully requested.

Sincerely,

PREFERRED ENVIRONMENTAL SERVICES

Jill S. Haimson

Jill S. Haimson, CGWP, PG
Principal

Marc C. Morgenstern

Marc C. Morgenstern
Hydrogeologist/Project Manager

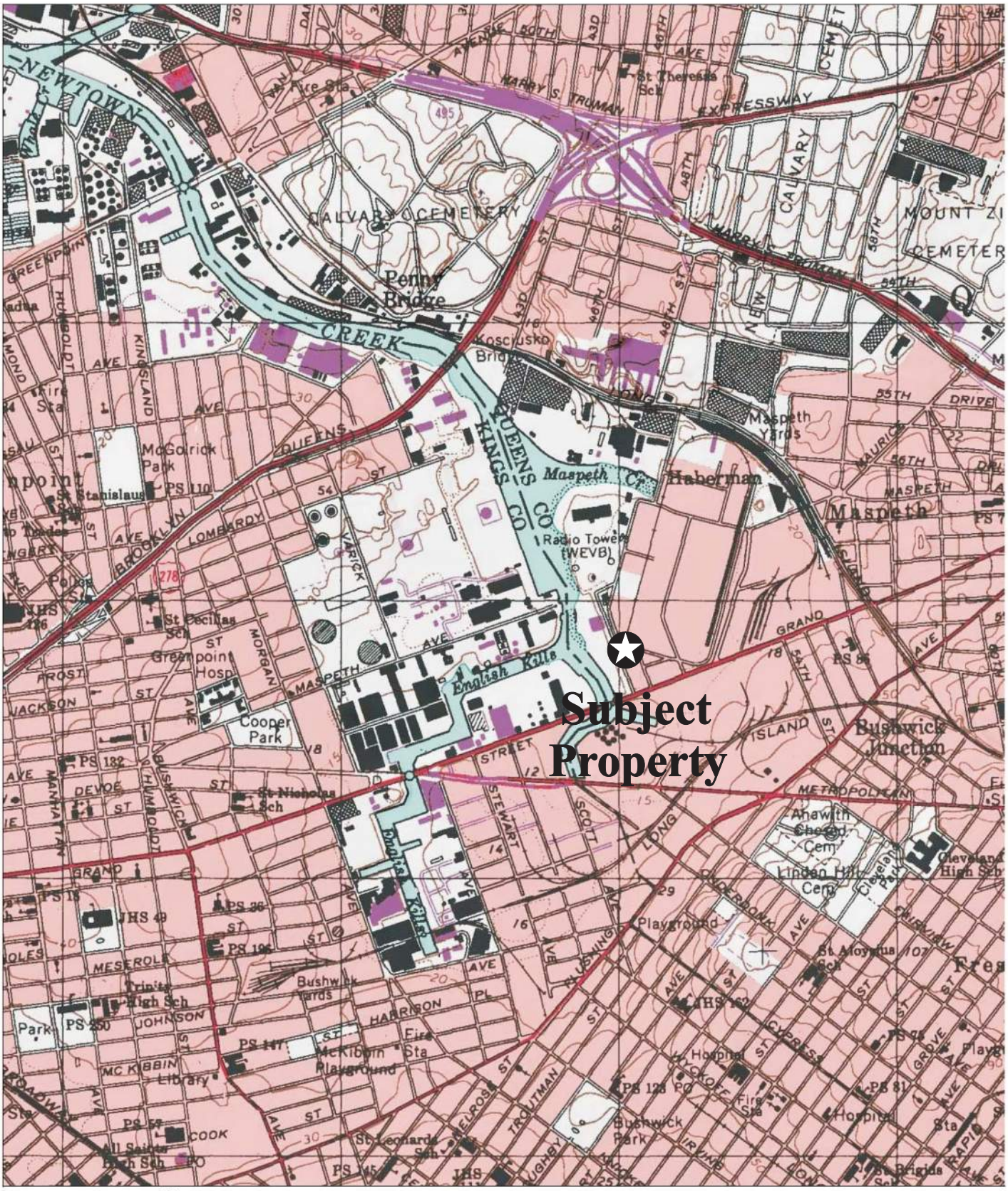

Figure 1 - Topographic Map

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

-Approximate Location of Subject Property

Source: United States Geologic Survey Brooklyn, New York Quadrangle

Site: 57-00 47th Street
Maspeth, New York

Date: October 2, 2013

Figure 2 - Aerial Photograph

-Approximate Location of Property Line

Source: Google Maps

Site: 57-00 47th Street
Maspeth, New York

Date: 10/2/2013

Scale (ft): 0 — 100

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

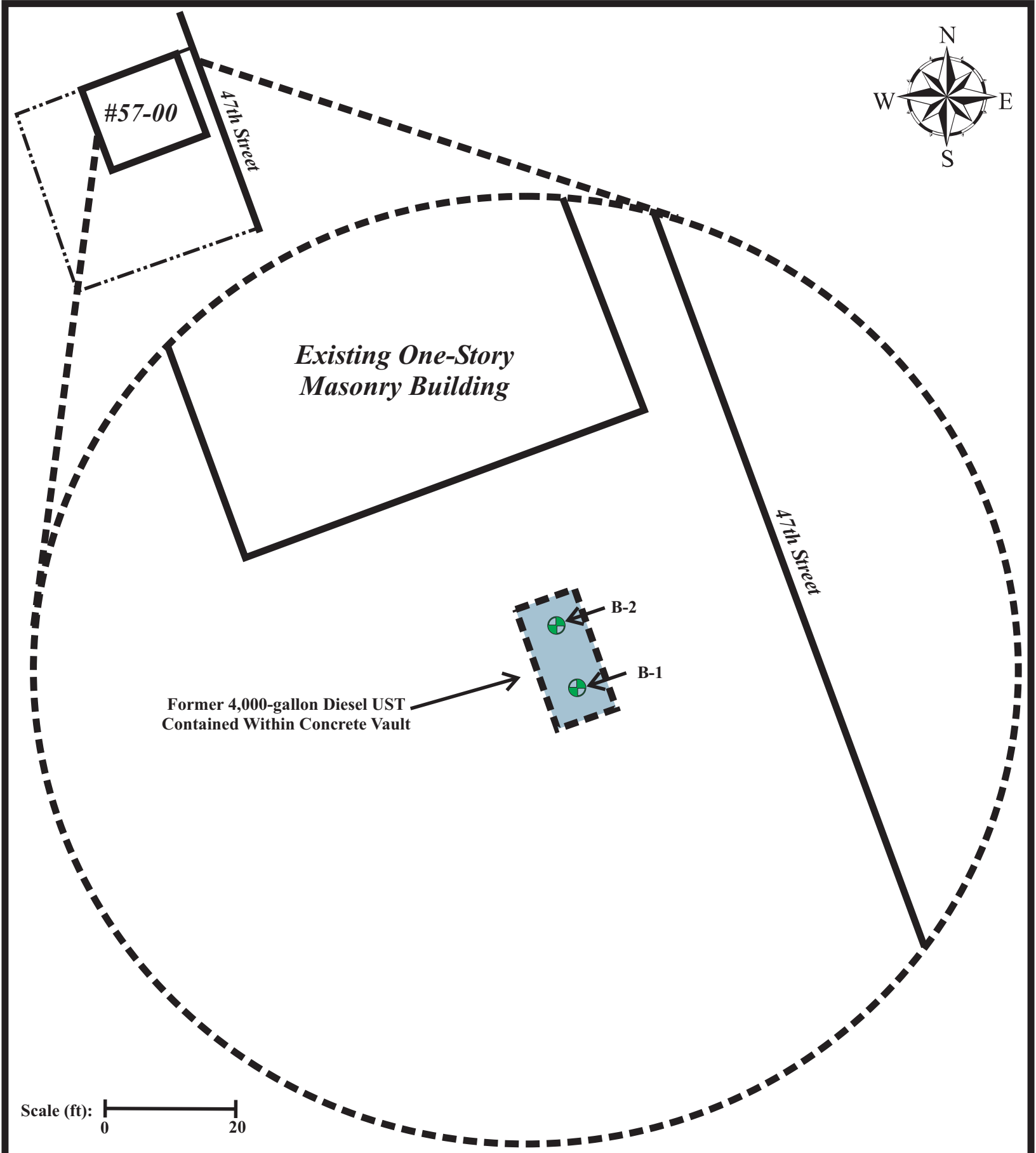

Figure 3 - Site Features and Sampling Locations

PREFERRED ENVIRONMENTAL SERVICES
323 Merrick Avenue - North Merrick, New York 11566
Tel: (516) 546-1100 Fax : (516) 213-8156

- Location of Former 4,000-gallon UST and Associated Concrete Vault
- Endpoint Soil Sampling Location Through Bottom of Vault

Site: 57-00 47th Street
Maspeth, New York

Date: 10/9/2013

Table 1

NYSDEC CP-51 VOCs and SVOCs Detected In Endpoint Soil Samples

57-00 47th Street
Maspeth, New York
September 19, 2013

CP-51 Diesel Fuel Compounds VOCs (ug/kg) 8260	B-1 (12.5-13ft bgs)		B-2 (12.5-13ft bgs)		NYSDEC CP-51 SCO Guidance Value
	Result	Q	Result	Q	
1,2,4-Trimethylbenzene	ND		ND		3,600
1,3,5-Trimethylbenzene	ND		ND		8,400
4-Isopropyltoluene	ND		ND		10,000
Benzene	ND		ND		60
Ethylbenzene	ND		ND		1,000
Isopropylbenzene	ND		ND		2,300
m,p-Xylene	ND		ND		260
Methyl tert-butyl ether	ND		ND		NA
Naphthalene	ND		ND		12,000
n-Butylbenzene	ND		ND		12,000
n-Propylbenzene	ND		ND		3,900
o-Xylene	ND		ND		260
sec-Butylbenzene	1.1	J	1.5	J	11,000
tert-Butylbenzene	ND		ND		5,900
Toluene	ND		ND		700
CP-51 Diesel Fuel Compounds SVOCs (ug/kg) 8270	**B-1 (12.5-13ft bgs)**		**B-2 (12.5-13ft bgs)**		**NYSDEC CP-51 SCO Guidance Value**
	Result	**Q**	**Result**	**Q**	
Acenaphthene	ND		ND		20,000
Acenaphthylene	ND		ND		100,000
Anthracene	300		360		100,000
Benzo(a)anthracene	640		**1,100**		1,000
Benzo(a)pyrene	650		870		1,000
Benzo(b)fluoranthene	650		830		1,000
Benzo(g,h,i)perylene	470		520		100,000
Benzo(k)fluoranthene	480		660		800
Chrysene	750		**1,100**		1,000
Dibenzo(a,h)anthracene	120	J	140	J	330
Fluoranthene	1,600		2,300		100,000
Fluorene	ND		ND		30,000
Indeno(1,2,3-c,d)pyrene	500		**570**		500
Phenanthrene	920		1,100		100,000
Pyrene	1,400		2,300		100,000

Notes:

NYSDEC Standard CP-51 Soil Cleanup Objectives Guidance Issued October 21, 2010

Q- Qualifier for analyte

J- Analyte Detected Below Quantitation Limits

NA - Not Available

ND- Not Detected

VOCs - Volatile Organic Compounds

SVOCs - Semi-Volatile Organic Compounds

Bolded and highlighted values indicate detected above NYSDEC Standard CP-51 Soil Cleanup Objectives Guidance Value

APPENDIX A

Photographic Log

Preferred Environmental Services

323 Merrick Avenue • North Merrick • New York • 11566

Tel (516) 546-1100 • Fax (516) 213-8156

Photograph No. 1- Front view of the industrial property located at 57-00 47th Street, Maspeth, New York.

Photograph No. 2 – Prior to the removal of the 4,000-gallon Diesel UST, approximately 350 gallons of residual diesel and sludge was removed from within UST via a pump truck for proper disposal.

Photograph No. 3 – While uncovering the UST, stained pea-gravel exhibiting diesel fuel odors and elevated PID readings were observed surrounding the former fill piping. The NYSDEC was notified and Spill No. 13-06438 was assigned to the property.

Photograph No. 4 – Upon completion of the removal of all liquids from within the UST, the UST subsequently removed from the ground.

Photograph Nos. 5 & 6- Inspection of the 4,000-gallon single-wall fiberglass UST noted the absence of any holes or cracks that did not appear to be sustained during the removal efforts.

Photograph No. 7 – The UST was contained within a solid concrete vault extending to twelve (12) feet below grade surface (bgs). Pea-gravel and trapped water contained within the vault was noted to contain diesel fuel odors, staining and exhibited elevated Photoionization Detector (PID) responses.

Photograph Nos. 8 & 9 - Both the pea-gravel and trapped water were removed from within the vault for off-site disposal.

Photograph Nos. 10 & 11 - As discussed with the NYSDEC, two (2) bottom samples were collected through the concrete floor of the vault in order to determine the environmental condition of underlying soils.

Photograph No. 12- Field screening of soils underlying the concrete vault noted the presence of fill material absent of diesel odors and elevated PID responses.

APPENDIX B

Waste Manifests, Weight Tickets and Liquid Tickets

CLEANEARTH

Manifest # 728429

GLOBAL JOB NUMBER: 131647 **FACILITY APPROVAL NUMBER:** 133071578

Please Check One:

☒ Clean Eerth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Cleen Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: 5700 Maspeth Ave LLC 57-00 47th Street Maspeth, NY 11378	GROSS WEIGHT: ☐Tons ☐Yards	99,640
	TARE WEIGHT: ☐Tons ☐Yards	37,500
GENERATOR'S PHONE: 718-456-8686	NET WEIGHT: ☐Tons ☐Yards	31.07

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Diesel Fuel Contaminated Pea Gravel

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Richard Rizzo Title: VP

Signature: Date and Time: 10/8/13

TRANSPORTER

Company: Rizzo Environmental Services Phone Number: 201-935-1445

Address: 5700 47th Street Maspeth Truck # and License Plate: X 24 - 20098 PB

Driver: X Evangelie Collins SW Haulers Permit #: 1A-997

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: X Evangelie Collins Date and Time: X 10-11-13 7:00 AM

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Evangelie Collins Date and Time: 10-11-13 7:00 AM

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 10/11/13

TRANSPORTER

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-4989 Fax: (732) 541-0165

Ticket: 3670803991114

	Date	Time	Scale
In:	10/14/2013	07:14:58	Manual W
Out:	10/14/2013	07:15:55	P.T.

Manifest: 728429
Vehicle ID: KIZZ024

	Lbs:	Tns:
Gross:	99640	49.82
Tare:	37500	18.75
Net:	62140	31.07

Customer: RIZZO ENVIRONMENTAL SERVI

Facility Approval#: 133071570

Generator: 5700 Maspeth Ave LLC
Gen Address: 57-00 47th Street
Maspeth, NY 11378

Job Name: 5700 Maspeth Ave LLC/47th St
Job Address: 57-00 47th Street
Maspeth, NY 11378

Origin	Materials & Services	Quantity	Unit
Queens	Soil Treatment Type II	31.07	Tns

Contaminate Type: 2 Oil
Treatment Type: Bio
Fac Waste Code: Petroleum Contaminated Soil

Comment:

Driver: Enrique

Facility: Lukasz Ceglarek

13-20038 2nd trip

NON-HAZARDOUS WATER MANIFEST

1. Generator's US EPA ID No.: . . . . . | Manifest Doc. No.: 56658 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address: Almar Materials
57-00 47th St
Maspeth NY

4. Generator's Phone ( ): 10-727

5. Transporter 1 Company Name: **AARCO ENVIRONMENTAL SERVICES CORP.** | 6. US EPA ID Number: N.Y.R.0.0.0.1.0.7.3.2.6 | A. Transporter's Phone: **631-586-5900**

7. Transporter 2 Company Name | 8. US EPA ID Number: . . . . . | B. Transporter's Phone

9. Designated Facility Name and Site Address: AWWT
208 Rte 109
Farmingdale NY | 10. US EPA ID Number: . . . . . | C. Facility's Phone

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. water contaminated with Petroleum NA18	001	TT	930	G
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: V503

E. Handling Codes for Wastes Listed Above: S14

15. Special Handling Instructions and Additional Information
EMERGENCY PHONE # 631-586-5900

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: X | Signature: X | Month 09 Day 11 Year 13

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed/Typed Name: Dave Schandelmeier | Signature | Month 09 Day 11 Year 13

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed/Typed Name | Signature | Month . Day . Year .

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in item 19.

Printed/Typed Name: Chris Brown | Signature | Month 9 Day 11 Year 13

ORIGINAL – RETURN TO GENERATOR

13-20038 1ST Trip

NON-HAZARDOUS WATER MANIFEST

1. Generator's US EPA ID No.:
Manifest Doc. No.: 56657
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address: Almar Materials
57-00 47th St
Maspeth NY
4. Generator's Phone ( ): 1A-727

5. Transporter 1 Company Name: AARCO ENVIRONMENTAL SERVICES CORP.
6. US EPA ID Number: N.Y.R.0.0.0.1.0.7.3.2.6
A. Transporter's Phone: 631-586-5900

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address: AWWT
208 Rte 109
Farmingdale NY 11735
10. US EPA ID Number:
C. Facility's Phone:

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. water contaminated with Petroleum N018	001	TT	350	G
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: V503

E. Handling Codes for Wastes Listed Above: S14

16. Special Handling Instructions and Additional Information
EMERGENCY PHONE # 631-586-5900

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: [illegible] Signature: [illegible] Month 10 Day 9 Year 13

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials
Printed/Typed Name: Dave Schaefgen Signature: [illegible] Month 10 Day 9 Year 13

18. Transporter 2 Acknowledgment of Receipt of Materials
Printed/Typed Name: Signature: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in item 19.
Printed/Typed Name: Chris BROWN Signature: [illegible] Month 10 Day 9 Year 13

ORIGINAL – RETURN TO GENERATOR

Environmental Management Solutions, Inc.

260 New Vernon Road
Meyersville, New Jersey 07933
(908)604-2291
Fax (908)604-4949

INVESTIGATION SUMMARY REPORT

SPILL #0808170

5700 47TH STREET
MASPETH, NEW YORK

Prepared For:

5700 Maspeth Ave., LLC
5700 47th Street
Maspeth, New York 11378

Prepared By:

Environmental Management Solutions, Inc.
260 New Vernon Road
Meyersville, New Jersey 07933
908-604-2291

Patricia Badding
Project Manager
November 2010

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- 1.2 Scope of Work

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- 3.1 Soil Removal
- 3.2 Soil Sampling

4.0 ANALYTICAL RESULTS.....3-4

5.0 WASTE TRANSPORTATION & DISPOSAL.....5

6.0 CONCLUSIONS & RECOMMENDATIONS.....5

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Appendix A: Figures – Maps
Appendix B: Disposal Documentation
Appendix C: Analytical Data

LIST OF FIGURES

Figure 1 Area Map
Figure 2 Site Map

1.0 INTRODUCTION

1.1 *Purpose of Report*

Environmental Management Solutions, Inc. ("EMS") was retained by 5700 Maspeth Ave., LLC, owner of the subject site, to supervise excavation activities, including the removal of contaminated soils, and assist in evaluating the soil conditions with respect to the possible presence of petroleum-related contamination.

On August 21, 2008, during a New York State Department of Environmental Conservation ("NYSDEC") inspection, staining was observed associated with historic truck parking. The NYSDEC Spill Hotline was notified and Spill #0808170 was assigned.

1.2 *Scope of Work*

Various items were identified and implemented during the scope of this investigation including:

- Field screening and sampling of the excavation,
- Analytical testing of the soil samples obtained,
- An evaluation of the information collected and preparation of a detailed report summarizing excavation activities and the resulting conclusions and recommendations.

The characteristics of the site and surrounding area are summarized in Section 2.0. Soil excavation activities are described in Section 3.0. Analytical results are summarized in Section 4.0. Waste transportation and disposal is discussed in Section 5.0, and an overall summary and interpretation of the observations and analytical results is provided as Section 6.0, the concluding section.

2.0 SITE CHARACTERISTICS

The subject property, currently operating as a trucking company, is located at 5700 47th Street, Maspeth, Kings County, New York. The general location of the site is shown on an

Area Map provided as Figure 1, Appendix A. Located centrally on the property is a building utilized as a garage with office space occupying the front portion of the building. Behind the building is a concrete pad utilized for truck parking. A Site Map illustrating pertinent site features is presented as Figure 2, Appendix A.

The site is situated in a mixed commercial/industrial area. No residences were identified in the immediate vicinity. Topography of the immediate area is relatively flat. The Newtown Creek is located approximately 100 feet to the west of the area of investigation. According to groundwater observed in the excavation the depth to groundwater is estimated to be at seven feet below ground surface.

3.0 SOIL EXCAVATION ACTIVITIES

3.1 Soil Removal

On March 17 through 19, 2010, 351.04 tons of contaminated soil was excavated and stockpiled for disposal. M. P. Howlett, Inc., located in Port Newark, NJ, removed the contaminated soil to MNJ Services, located in Long Pond, PA for proper disposal. Disposal documentation is provided in Appendix B.

3.2 Soil Sampling

Prior to sample collection, a hand-held RAE Systems photoionization detector (PID), was utilized for the screening evaluation of the excavation. The PID is calibrated using both fresh air (zero point) and single sensor calibrations (second point). Single sensor calibration was conducted by applying a known amount of isobutylene reference standard to each sensor. The volatile vapor scan technique is a screening method used to assess the presence of certain potentially hazardous compounds and the necessity for further exploration and analytical testing. Soil samples were obtained by EMS from multiple areas horizontally and vertically, placed into plastic zip-lock bags, allowed to sit for ten minutes then subjected to a head space volatile vapor scan. Soil was removed according to PID measurements.

The depth of the excavation was approximately eight feet below ground surface (fbgs). Groundwater was observed in the excavation and is estimated to be at seven fbgs. There was no bedrock encountered.

Subsequent to the excavation of contaminated soil, a total of five samples were collected around the perimeter of the pit, approximately one foot from the floor of the excavation, where PID readings were the highest. Two samples were collected from the bottom of the excavation. Associated PID readings are included in Table 1. A map of the excavation and sample locations is provided in Figure 2, Appendix A.

After sample collection all samples were sealed, logged, maintained at 4 degrees Celsius and transported to a New York State Department of Health certified laboratory, for analysis. The chain of custody form was generated in the field and accompanied the samples to a NYSDEC certified laboratory in accordance with standard Quality Assurance and Quality Control (QA/QC) measures.

4.0 ANALYTICAL RESULTS

Seven endpoint samples, identified as S-1 through S-7, were obtained from the sidewalls and from the bottom of the excavation. All soil samples were analyzed for STARS List volatile organic compounds (VOCs) using EPA Method 8260B and for STARS List semivolatile organic compounds (SVOCs) by EPA Method 8270C. Soil samples were submitted to Accredited Analytical Resources, a New York State Department of Health certified laboratory for analytical testing.

All VOC sample results were within the Recommended TAGM 4046 Soil Cleanup Objectives (RSCOs) established by the New York State Department of Environmental Conservation. Further there were no compounds detected above the respective laboratory minimum detection limits. All samples exceeded RSCOs for SVOCs. A summary of analytical results and associated cleanup objectives can be found in Table 1. Complete laboratory analysis is included in Appendix C.

TABLE 1
SOIL ANALYTICAL RESULTS
5700 47th Street, Maspeth, Brooklyn

Sample ID	SB-1	SB-2	SB-3	SB-4	SB-5	SB-6	S-7	Limit
PID (ppm)	4.2	9.2	18.6	12.4	3.9	5.9	2.3	
VOC (mg/Kg)								
Benzene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.06
Toluene	<0.001	0.001	<0.001	0.002	<0.001	0.003	<0.001	1.5
Ethyl Benzene	<0.001	<0.001	<0.001	<0.001	0.001	0.048	<0.001	5.5
Total-Xylenes	<0.002	<0.002	<0.002	<0.002	0.008	0.210	<0.002	1.2
Isopropylbenzene	<0.001	<0.001	<0.001	<0.001	0.001	0.017	<0.001	2.3
n-Propylbenzene	<0.001	<0.001	<0.001	<0.001	<0.001	0.039	<0.001	3.7
1,3,5-Trimethylbenzene	<0.001	<0.001	0.008	<0.001	0.028	0.170	<0.001	3.3
1,2,4-Trimethylbenzene	<0.001	0.002	0.015	0.002	0.006	0.320	<0.001	10.0
4-Isopropyltoluene	<0.001	<0.001	0.007	<0.001	0.010	0.025	<0.001	10.0
n-Butylbenzene	<0.001	<0.001	<0.001	<0.001	0.011	0.048	<0.001	10.0
t-Butylbenzene	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	10.0
sec-Butylbenzene	<0.001	<0.001	<0.001	<0.001	0.003	0.017	<0.001	10.0
MtBE	<0.001	<0.001	<0.001	<0.001	<0.001	0.002	<0.001	1.2
SVOCs mg/Kg								
Naphthalene	0.050	0.31	0.15	0.08	0.46	1.10	0.09	13.0
Anthracene	<0.037	2.30	0.40	0.26	0.31	0.37	0.20	50.0
Fluorene	<0.037	0.89	0.05	0.04	0.24	0.60	0.06	50.0
Phenanthrene	<0.037	11.0	0.78	0.66	1.00	1.80	0.80	50.0
Pyrene	0.047	15.0	3.20	2.40	1.40	2.10	1.70	50.0
Acenaphthene	<0.037	0.71	0.08	0.05	0.25	0.52	*0.05	50.0
Acenaphthalene	<0.037	1.90	1.10	0.44	0.46	0.41	*0.08	50.0
Benzo(a)anthracene	<0.037	**8.70**	**1.40**	**1.30**	**0.88**	**1.20**	**0.94**	0.224
Fluoranthene	<0.037	18.0	1.90	1.60	1.30	1.80	1.50	50.0
Benzo(b)fluoranthene	0.054	**9.70**	**2.10**	**1.30**	**1.10**	**1.50**	**1.20**	0.220
Benzo(k)fluoranthene	0.038	**5.10**	**1.20**	**1.20**	**0.82**	**0.90**	**0.74**	0.220
Chrysene	0.058	**7.70**	**1.30**	**1.40**	**0.91**	**1.20**	**0.87**	0.400
Benzo(a)pyrene	**0.100**	**7.90**	**1.80**	**1.10**	**1.20**	**1.30**	**1.10**	0.061
Benzo(g,h,I)perylene	0.110	1.40	0.52	0.36	0.46	0.37	0.36	50.0
Ideno(1,2,3-cd)pyrene	0.080	1.50	0.46	0.38	0.42	0.36	0.34	3.20
Dibenz(a,h)anthracene	***0.038***	*0.71*	***0.28***	***0.21***	***0.22***	***0.21***	****0.16***	*0.0143*

VOC-volatile organic compounds **mg/Kg-micrograms per kilogram**
SVOCs – semivolatile organic compounds **Bold – above cleanup criteria**
*** detected below reporting limit and above minimum detection limit**

5.0 WASTE TRANSPORTATION AND DISPOSAL

The petroleum-contaminated soil was transported by M.P. Howlett, Inc., located in Port Newark, NJ to MNJ Services, 108AA Sullivan Trail, Long Pond, PA. Disposal documentation is included in Appendix C.

6.0 CONCLUSIONS AND RECOMMENDATIONS

Soil excavation activities were completed at 5700 47th Street, Maspeth, New York, at the request of, 5700 Maspeth Avenue, LLC, owner of the subject property. The scope of work included removal of a concrete pad, excavation of contaminated soil, soil sample screening and collection, laboratory analysis, and preparation of an Investigation Report summarizing excavation activities, soil sampling and analytical results.

Excavation activities were initiated on March 18, 2010 and completed March 19, 2010. The following observations can be made:

- Approximately 351 tons of petroleum-contaminated soil was removed for disposal associated with historical truck parking activities. Groundwater was observed at approximately seven feet below ground surface in the excavation.
- Seven endpoint soil samples were collected for laboratory analysis. There were no VOC concentrations exceeding RSCOs. All samples exceeded allowable RSCO concentrations for SVOCs.
- There was no collection system encountered or any piping associated with a floor drain in the concrete pad.

Given the above referenced conclusions EMS recommends the installation of a single groundwater monitoring well in the area of the excavation to establish groundwater quality. Should groundwater contamination be confirmed additional monitoring wells should be installed to delineate the extent of groundwatter contamination.

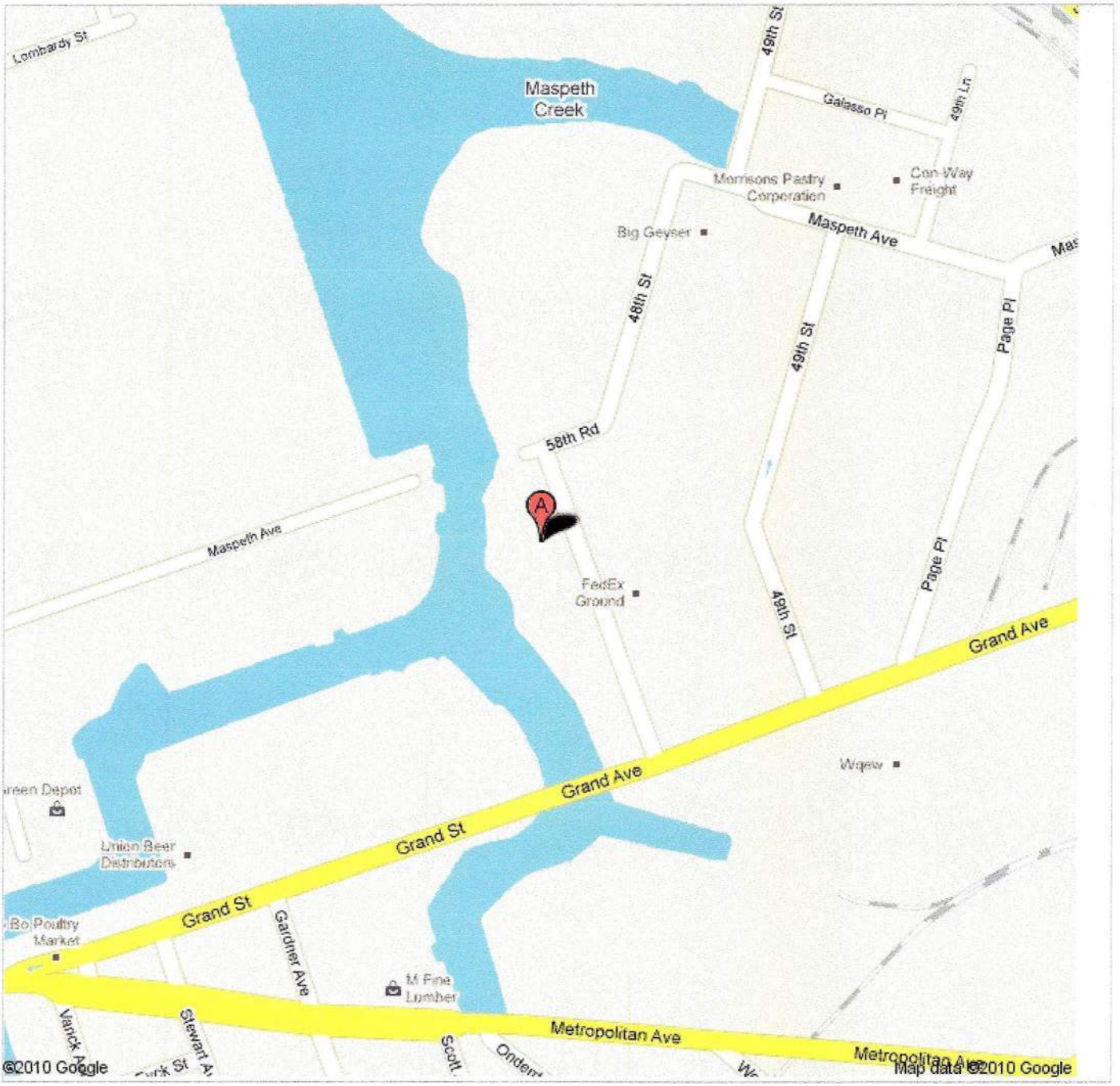
APPENDIX A

FIGURES - MAPS

Print

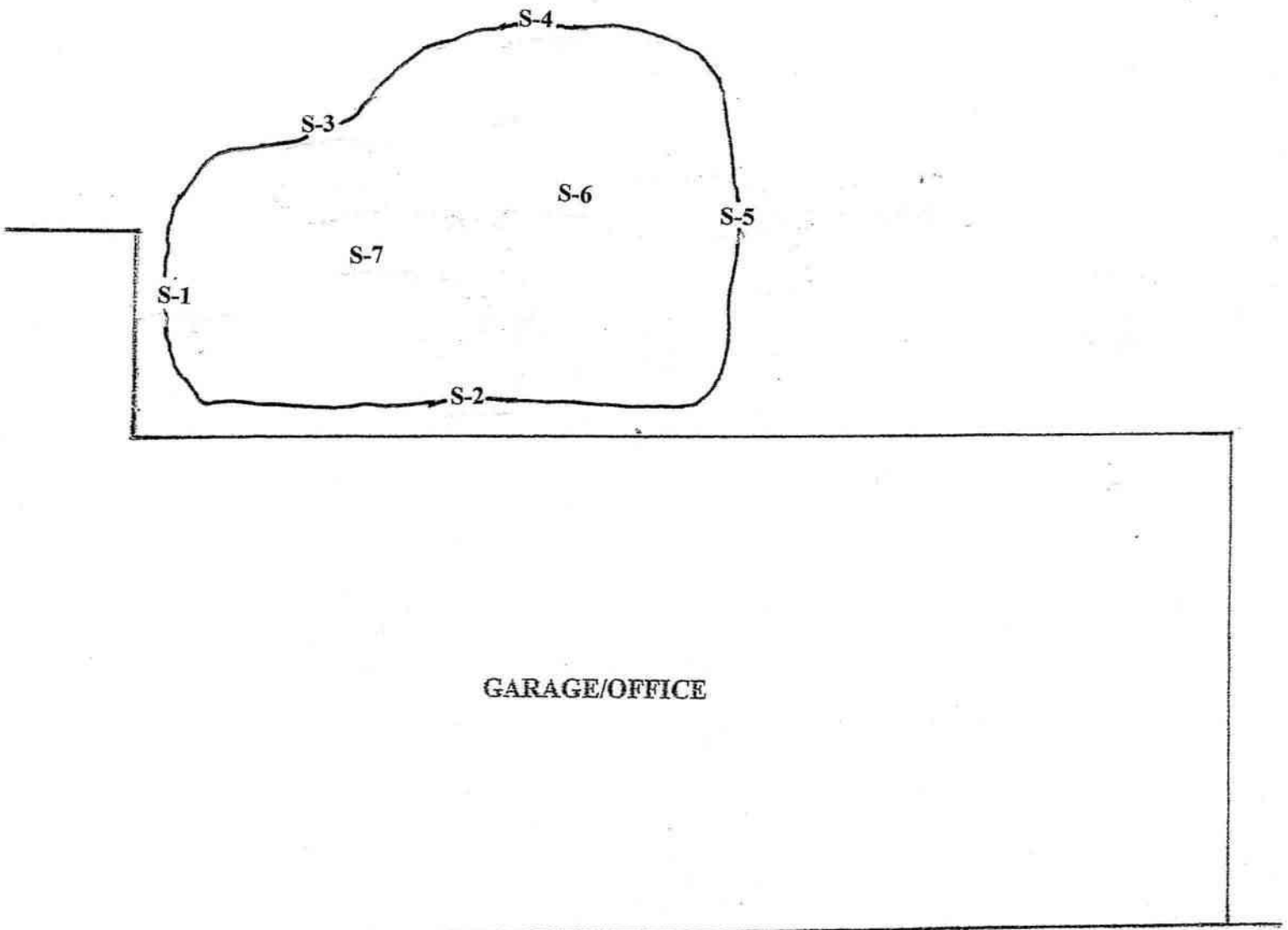
Google maps Address **57-00 47th St**
Queens, NY 11378

Notes FIGURE 1



NEWTOWN CREEK

NORTH



47TH STREET

FIGURE 2		
SITE PLAN		
5700 47TH AVE., MASPETH, NY		
Scale 1" = 10'	Date Drawn: 11/10	Drawn By: PMB

MAP IS SCALED FROM BEHIND BUILDING IN AREA OF EXCAVATION

APPENDIX B

DISPOSAL DOCUMENTATION

MANIFEST

Manifest # 2181 | Last Truck (check if yes) ☐ | Job # _____

GENERATOR

Generator Name: Pebble Lane Assoc.
Address: 5700 47th St
Maspeth, Brooklyn, NY.
Phone No. 516-509-3442

Contractor Name: Pebble Lane Assoc.
Address: 5700 47th St
Maspeth, Brooklyn, NY.
Phone No. ___-___-____

TARE WEIGHT MUST BE INCLUDED

NET WEIGHT 73120 GROSS WEIGHT 109920
NET TONS 36.56 TARE WEIGHT 36800
TICKET NUMBER 127859

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not hazardous waste as defined by 40 CFT Part 261 or any applicable state low, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Robert Guest — Generator Authorized Agent Name
Robert Guest — Signature
03/17/10 — Shipment Date

SITE LOCATION

Job Name: Pebble Lane
Address: 5700 47th St
Brooklyn

TRANSPORTER

Transporter Name: _____
Address: _____
_____
_____
Phone No. _____

Truck Name: Yankee Lake Ent.
Truck No. 38
Driver Name (Print) [illegible]
Vehicle License No./State 36085 - TK.

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature _____ Shipment Date ____

I hereby certify that the above named material was delivered without incident to the destination.

Driver Signature _____ Shipment Date 03/17/10

DESTINATION

MNJ Services
108AA Sullivan Trail
Long Pond, PA 18443
1-908-854-0098

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Signature _____ Receipt Date 03/17/10

MANIFEST

Manifest # 2182 Last Truck (check if yes) ☐ Job # _____

GENERATOR

Generator Name Pebble Lane Assoc.
Address 5700 47th St.
Maspeth, Brooklyn, NY.
Phone No. 516-509-3442

Contractor Name Pebble Lane Assoc.
Address 5700 47th St
Maspeth, Brooklyn, NY.
Phone No. 516-509-3442

TARE WEIGHT MUST BE INCLUDED

NET WEIGHT 70660 GROSS WEIGHT 106260
NET TONS 35.33 TARE WEIGHT 35600
TICKET NUMBER 127860

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not hazardous waste as defined by 40 CFT Part 261 or any applicable state low, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Robert Guest — Generator Authorized Agent Name
Robert Guest — Signature
03/17/16 — Shipment Date

SITE LOCATION

Job Name Pebble Lane
Address 5700 47th St
Brooklyn

TRANSPORTER

Transporter Name _____
Address _____

Truck Name Yankee Lake
Truck No. #231
Driver Name (Print) James Hinsdale
Vehicle License No./State 14500 TR

Phone No. _____

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature _____ Shipment Date _____

I hereby certify that the above named material was delivered without incident to the destination.

Driver Signature _____ Shipment Date 03/17/16

DESTINATION

MNJ Services
108AA Sullivan Trail
Long Pond, PA 18443
1-908-854-0098

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Signature _____ Receipt Date 03/17/16

MANIFEST

Manifest # 2183 Last Truck (check if yes) ☐ Job # _____

GENERATOR

Generator Name Pebble Lane Assoc.
Address 5700 47th St
Maspeth, Brooklyn, NY.
Phone No. 516-509-3442

Contractor Name Pebble Lane Assoc.
Address 5700 47th St
Maspeth, Brooklyn, NY.
Phone No. 516-509-3442

TARE WEIGHT MUST BE INCLUDED

NET WEIGHT 69500 GROSS WEIGHT 106300
NET TONS 34.75 TARE WEIGHT 36800
TICKET NUMBER 127868

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not hazardous waste as defined by 40 CFT Part 261 or any applicable state low, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Robert Guest
Generator Authorized Agent Name

Signature

03/17/10
Shipment Date

SITE LOCATION

Job Name Pebble Lane
Address 5700 47th St
Brooklyn, NY.

TRANSPORTER

Transporter Name _____
Address _____

Truck Name Yankee Lake Ent
Truck No. 38
Driver Name (Print)
Vehicle License No./State 368085 TX

Phone No. _____

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature _____ Shipment Date _____

I hereby certify that the above named material was delivered without incident to the destination.

Driver Signature _____ Shipment Date 03/17/10

DESTINATION

MNJ Services
108AA Sullivan Trail
Long Pond, PA 18443
1-908-854-0098

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Signature

Receipt Date 03/17/10

MANIFEST

Manifest # 2185 Last Truck (check if yes) ☐ Job # _____

GENERATOR

Generator Name Pebble Lane Assoc.
Address 5700 47th St
Maspeth, Brooklyn, N.Y.
Phone No. 516-509-3442

Contractor Name Pebble Lane Assoc.
Address 5700 47th St
Maspeth, Brooklyn, N.Y.
Phone No. 516-509-3442

TARE WEIGHT MUST BE INCLUDED

NET WEIGHT 71000 GROSS WEIGHT 106600
NET TONS 3550 TARE WEIGHT 35600
TICKET NUMBER 127869

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not hazardous waste as defined by 40 CFT Part 261 or any applicable state low, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Robert Quest — Signature — Shipment Date 03/17/10

Generator Authorized Agent Name

SITE LOCATION

Job Name Pebble Lane
Address 5700 47th St
Brooklyn, N.Y.

TRANSPORTER

Transporter Name _____
Address _____
_____
_____
Phone No. _____

Truck Name Yankee Lake Ent.
Truck No. 23
Driver Name (Print) [illegible]
Vehicle License No./State 14500 TR

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature _____ Shipment Date _____

I hereby certify that the above named material was delivered without incident to the destination.

Driver Signature _____ Shipment Date 03/17/10

DESTINATION

MNJ Services
108AA Sullivan Trail
Long Pond, PA 18443
1-908-854-0098

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Signature _____ Receipt Date 03/17/10

MANIFEST

Manifest # 5 | Last Truck (check if yes) ☐ | Job # _____

GENERATOR

Generator Name: Pebble Lane
Address: 5700 47th St
Maspeth, Brooklyn, NY
Phone No. 516-509-3442

Contractor Name: Pebble Lane
Address: 5700 47th St
Maspeth, Brooklyn NY.
Phone No. 516-509-3442

TARE WEIGHT MUST BE INCLUDED

NET WEIGHT 64000 GROSS WEIGHT 99600
NET TONS 32.00 TARE WEIGHT 35600
TICKET NUMBER 127879

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not hazardous waste as defined by 40 CFT Part 261 or any applicable state low, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Robert Quest — Signature — Shipment Date 03/18/10
Generator Authorized Agent Name

SITE LOCATION

Job Name: Pebble Lane
Address: 5700 47th St
Brooklyn, NY.

TRANSPORTER

Transporter Name _____
Address _____

Truck Name: Yankee Cable
Truck No. 23
Driver Name (Print) Tom Hu
Vehicle License No./State 14500 FR

Phone No. _____

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature _____ Shipment Date _____

I hereby certify that the above named material was delivered without incident to the destination.

Driver Signature _____ Shipment Date 03/18/10

DESTINATION

MNJ Services
108AA Sullivan Trail
Long Pond, PA 18443
1-908-854-0098

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Signature _____ Receipt Date 03/18/10

MANIFEST

Manifest # 6 | Last Truck (check if yes) ☐ | Job # _____

GENERATOR

Generator Name: Pebble Lane
Address: 5700 47th St
Maspeth, Brooklyn, NY.
Phone No. 516-509-3442

Contractor Name: Pebble Lane
Address: 5700 47th St
Maspeth Brooklyn, NY.
Phone No. 516-509-3442

TARE WEIGHT MUST BE INCLUDED

NET WEIGHT 63600 GROSS WEIGHT 100400
NET TONS 31.80 TARE WEIGHT 36800
TICKET NUMBER 127878

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not hazardous waste as defined by 40 CFT Part 261 or any applicable state low, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Robert Guest | Robert Guest | 03/8/10
Generator Authorized Agent Name | Signature | Shipment Date

SITE LOCATION

Job Name: Pebble Lane
Address: 5700 47th St.
Maspeth, Brooklyn NY.

TRANSPORTER

Transporter Name _____
Address _____
_____
_____
Phone No. _____

Truck Name: Yankee Cake
Truck No. 38
Driver Name (Print) [illegible]
Vehicle License No./State 56085 TC

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature _____ | Shipment Date _____

I hereby certify that the above named material was delivered without incident to the destination.

[illegible] | Driver Signature | 03/8/10 | Shipment Date

DESTINATION

MNJ Services
108AA Sullivan Trail
Long Pond, PA 18443
1-908-854-0098

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

[illegible] | Signature | 03/8/10 | Receipt Date

MANIFEST

Manifest # 7 | Last Truck (check if yes) ☐ | Job # _____

GENERATOR

Generator Name Pebble Lane 5700 Maspeth Ave LLC.
Address 5700 47th St
Maspeth, Brooklyn, NY.
Phone No. 516-509-3442

Contractor Name Pebble Lane
Address 5700 47th St
Maspeth, Brooklyn NY.
Phone No. 516-509-3442

TARE WEIGHT MUST BE INCLUDED

NET WEIGHT 82200 GROSS WEIGHT 119000
NET TONS 41.10 TARE WEIGHT 36800
TICKET NUMBER 127909

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not hazardous waste as defined by 40 CFT Part 261 or any applicable state low, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name _____ Signature _____ Shipment Date 03/18/10

SITE LOCATION

Job Name Pebble Lane
Address 5700 47th St.
Brooklyn, NY.

TRANSPORTER

Transporter Name _____
Address _____

Truck Name Yankee Lake
Truck No. 3K
Driver Name (Print) _____
Vehicle License No./State 3605572

Phone No. _____

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature _____ Shipment Date _____

I hereby certify that the above named material was delivered without incident to the destination.

Driver Signature _____ Shipment Date 03/18/10

DESTINATION

MNJ Services
108AA Sullivan Trail
Long Pond, PA 18443
1-908-854-0098

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Signature _____ Receipt Date 03/18/10

MANIFEST

Manifest # 8 | Last Truck (check if yes) ☐ | Job # _____

GENERATOR

Generator Name Pebble Lane 5700 Maspeth Ave. LLC.
Address 5700 47th St.
Maspeth Brooklyn NY.
Phone No. 516-509-3442

Contractor Name Pebble Lane
Address 5700 47th St
Maspeth, Brooklyn NY
Phone No. 516-509-3442

TARE WEIGHT MUST BE INCLUDED

NET WEIGHT 77500 GROSS WEIGHT 113100
NET TONS 38.75 TARE WEIGHT 35600
TICKET NUMBER 127908

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not hazardous waste as defined by 40 CFT Part 261 or any applicable state low, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name _____ Signature _____ Shipment Date 03/18/10

SITE LOCATION

Job Name Pebble Lane
Address 5700 47th St
Brooklyn, NY.

TRANSPORTER

Transporter Name _____
Address _____

Truck Name Yankee Lake
Truck No. 23
Driver Name (Print) Thomas Hemm
Vehicle License No./State L45 ODV

Phone No. _____

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature _____ Shipment Date _____

I hereby certify that the above named material was delivered without incident to the destination.

Driver Signature _____ Shipment Date 03/18/10

DESTINATION

MNJ Services
108AA Sullivan Trail
Long Pond, PA 18443
1-908-854-0098

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Signature _____ Receipt Date 03/18/10

MANIFEST

Manifest # 9 Last Truck (check if yes) ☐ Job # _____

GENERATOR

Generator Name Pebble lane 5700 47th St LLC
Address 5700 47th St
Brooklyn NY.
Phone No. ☐☐☐-☐☐☐-☐☐☐☐

Contractor Name Pebble Lane
Address 5700 47th St
Brooklyn NY.
Phone No. ☐☐☐-☐☐☐-☐☐☐☐

TARE WEIGHT MUST BE INCLUDED

NET WEIGHT 66,000 GROSS WEIGHT 102800
NET TONS 33 TARE WEIGHT 36800
TICKET NUMBER 127920

I hereby certify that the above named material does not cor[illegible] free liquid as defined by 40 CFR Part 260.10 or any applic[illegible] state law, is not hazardous waste as defined by 40 CFT Part [illegible] or any applicable state low, has been properly described, class[illegible] and packaged, and is in proper condition for transporta[illegible] according to applicable regulations.

Robert Gurof
Generator Authorized Agent Name

Signature

03/19/10
Shipment Date

SITE LOCATION

Job Name Pebble Lane
Address 5700 47th St
brooklyn N.Y.

TRANSPORTER

Transporter Name _____
Address _____
_____
_____
Phone No. _____

Truck Name Yankee Cab
Truck No. 35
Driver Name (Print) [illegible]
Vehicle License No./State [illegible]

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature

Shipment Date

I hereby certify that the above named material was delivered without incident to the destination.

Driver Signature

03/19/10
Shipment Date

DESTINATION

MNJ Services
108AA Sullivan Trail
Long Pond, PA 18443
1-908-854-0098

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Signature

03/19/10
Receipt Date

MANIFEST

Manifest # 10 Last Truck (check if yes) ☐ Job # _____

GENERATOR

Generator Name Pebble Lane 5700 Maspeth LLC
Address 5700 47th St
Brooklyn NY
Phone No. ☐☐☐-☐☐☐-☐☐☐☐

Contractor Name Pebble Lane
Address 5700 47th St
Brooklyn NY
Phone No. ☐☐☐-☐☐☐-☐☐☐☐

TARE WEIGHT MUST BE INCLUDED

NET WEIGHT 64,500 GROSS WEIGHT 100,100
NET TONS 32.25 TARE WEIGHT 35,600
TICKET NUMBER 127919

I hereby certify that the above named material does not co... free liquid as defined by 40 CFR Part 260.10 or any applic... state law, is not hazardous waste as defined by 40 CFT Part ... or any applicable state law, has been properly described, class... and packaged, and is in proper condition for transporta... according to applicable regulations.

Robert Gurrad
Generator Authorized Agent Name

Signature

03/19/16
Shipment Date

SITE LOCATION

Job Name Pebble Lane
Address 5700 47th St
Brooklyn NY

TRANSPORTER

Transporter Name _____
Address _____
_____
_____
Phone No. _____

Truck Name Yankee Lake
Truck No. 23
Driver Name (Print) Tommy Gomez
Vehicle License No./State 14500 JR

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature

Shipment Date

I hereby certify that the above named material was delivered without incident to the destination.

Driver Signature

03/19/16
Shipment Date

DESTINATION

MNJ Services
108AA Sullivan Trail
Long Pond, PA 18443
1-908-854-0098

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Signature

03/19/16
Receipt Date

THE TYREE ORGANIZATION, LTD.

FACSIMILE TRANSMITTAL SHEET

TO: Brian Falvey

FROM: LAURIE JODICE 631-249-3150 X 284

FAX NUMBER: 718 482 4098

DATE: 12/28/07

COMPANY:

TOTAL NO. OF PAGES INCLUDING COVER: 5

PHONE NUMBER:

RE: Island Transportation

☐ URGENT X FOR REVIEW ☐ PLEASE COMMENT X PLEASE REPLY ☐ PLEASE RECYCLE

NOTES/COMMENTS:

Here are the test Results

Thanks Laurie

Metro Environmental Services, LLC

4301 Boston Post Rd, Bronx, NY 10466
Phone# 718-652-0200 Fax# 718-652-0333

TIGHTNESS TEST COVER SHEET

Date: 12/21/07

Facility: Island Trans. Corp.
Address: 5700 47th Street, Maspeth, NY

ID/PBS #: 2-190357

Violation #:

Tank Tests

PBS/ID #	Product	System	Rate	Pass/Fail	Log #	Notes
1	Diesel	EZY 3 LP		Pass		

Line Tests

Product	System	Rate	Pass/Fail	LD	Log #	Notes

Vapor Testing

Test Performed	Pass/Fail	Notes
Pressure Decay		
Dry Blockages		
Wet Blockages		
A/L Test		
PV Cap Test		

Misc Info:

Technician: Thomas R. Anderson

Certs:
EZY 3LP & Chek # 72-1691 Exp 07/09
Petrotite #NYM0202041506C EXP 08/08
NYCFD # 61075293 Exp 5/9/09
Weel.Co. # T00148 Exp 8/5/08, Suff.Co. # 158
CT# 1935 Exp 12/31/008, NJ# 207752 Exp 07/31/0

Signature:

Metro Environmental Services, LLC
4301 Boston Post Rd, Bronx, NY 10466
Phone # 718-652-0200 Fax # 718-652-0333

TANK TEST FINAL REPORT

EZY 3 LOCATOR PLUS - Vacuum Test

DATE	12/21/07	ID/PBS #	2-190357
TOTAL TANK VOL.	4000	TANK ID #	1
PRODUCT VOL.	3335	LOCATION	Island Trans Corp.
ULLAGE VOL.	665		5700 47th Street
PRODUCT TYPE	Diesel		Maspeth, NY

THE ACOUSTIC CHARACTERISTIC OF A LEAK REVEALS:

Pass — TIGHT TANK AS OF TEST DATE
This underground storage tank **PASSES** the criteria set forth by the U.S. E.P.A.

ULLAGE (DRY) PORTION LEAK
This underground storage tank **FAILS** the criteria set forth by the U.S. E.P.A.

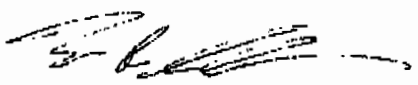
BELOW PRODUCT LEVEL (WET) PORTION LEAK
This underground storage tank **FAILS** the criteria set forth by the U.S. E.P.A.

WATER SENSOR INDICATES:
(CHECK ONLY ONE)

NO H2O INTRUSION: XXX H2O INTRUSION: _____ N/A: _____

OPERATOR INFORMATION:

PRINT NAME: Thomas Anderson

SIGN NAME: 

CERTIFICATION #'s:
EZY 3LP & Chek # 72-1891 Exp 7/09
Petrobbs #NYM0202041506C EX 08/08
NYCFD # 81075283 Exp 5/9/09
WestCo. # T00148 Exp 5/5/08, [illegible].Co. # 158
CT# 1955 Exp 12/31/008. NJ# 20[illegible]152 Exp 07/31/10

METRO ENVIRONMENTAL SERVICES, LLC

4301 Boston Post Rd, Bronx, NY 10466 Phone# 718-652-0200 Fax# 718-652-0333

EZY 3 LOCATOR PLUS — **PRESSURE CALCULATION & WATER SENSOR CALIBRATION**

DATE 12/21/07
TOTAL TANK VOL. 9K
PRODUCT VOL. 3,335
ULLAGE VOL. 665
PRODUCT TYPE DIESEL

PBS# (NEW YORK) 2-
TANK # 1
LOCATION ISLAND TRANS. CORP.
5700 47TH ST.
MASPETH, NY

Tech Sign

Certifications: Thomas Anderson EZY 3 P # 72-1691

PRESSURE SENSOR CALCULATION

53 INCHES of PRODUCT	X	.031 WEIGHT of PRODUCT	=	1.65	0.00 PSI (1)
1 INCHES of WATER in TANK	X	0.036	=	.04	0.00 PSI (2)
Line 1 + Line 2 = Total Positive Head Pressure in Tank			=	1.69	0.00 PSI (3)
35 INCHES of WATER OUTSIDE TANK	X	0.036	=	1.26	0.00 PSI (4)
Total Head Pressure Minus Outside Water Pressure			=	.43	0.00 +/- PSI (5)
Always add .5 PSI **NOTE: If Line 6 is Less than .5 PSI, Line 7 shall be .5 PSI**			+	.50	PSI (6)
TEST PRESSURE			=	.93	+/- PSI (7)

	TIME	PRESSURE	
Blower Started:	6:40	0	
Test Pressure Reached:	6.44	.93	Depth of Groundwater Determined:
Blower Turned Off:	6.49	.98	By: TAPE STICK
Test Began:	6.50	.98	Where: WELL NEXT TO TANK
Test Ended:	6:55	.97	PASS

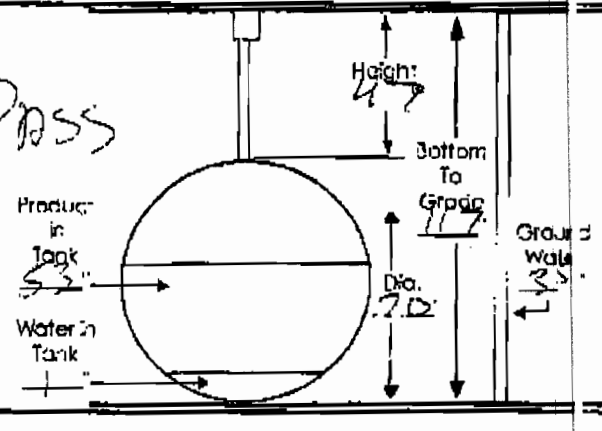
WATER SENSOR CALIBRATION

Added: .50 (Cal #1) .50 (Cal #2) .50 (Cal #3) PASS
Average: .50

Water Intrusion Test Period: Began: 7:11 Ended: 7:27

Calculation for Test Period:

.50 (Ave. Cal) − .3750 = .0932 ("A" Factor) − .05 = .265 × .62 (Min Time of test) = .1558



Metro Environmental Services, LLC
4301 Boston Post Rd, Bronx, NY 10466
Phone# 718-652-0200 Fax# 718-652-0333

TEST SITE: Island Trans Corp. DATE: 12/21/07
ADDRESS: 5700 47TH ST
Maspeth, NY PBS # 49

TECH NAME & CERT #: Thomas Anderson EZY 3LP # 72-1691

TECH SIGNATURE

47TH ST. E N

BLDG

BAYS

D D

DIESEL 4K

M P +

MAP IDENTIFICATION		SUB. MOTOR :	M	4" CAPPED RISER :	4"
WATER LOCATION:	X	VAPOR RECOVERY :	VR	FILL :	+
DISPENSER :	D	BALL FLOAT:	BF	OBS. MON. WELL:	△
MULTI. PROD. DISP.	MPD	INTERSTMAL:	I		
SYPHONED LINE :	SL	TANK PROBE:	P	TANK :	
TANK VENT :	V	STICK FILL :	SF		

****
*** TX REPORT ***
****

TRANSMISSION OK

TX/RX NO	1569
RECIPIENT ADDRESS	917184824098
DESTINATION ID	
ST. TIME	12/28 08:32
TIME USE	00'35
PAGES SENT	6
RESULT	OK

THE TYREE ORGANIZATION, LTD.

FACSIMILE TRANSMITTAL SHEET

TO: Brian Fahey
FROM: LAURIE-JODICE 631-249-3150 x 284

FAX NUMBER: 718-482-4098
DATE: 12/28/07

COMPANY: NYSDEC
TOTAL NO. OF PAGES INCLUDING COVER: 6

PHONE NUMBER:
RE: IBL and Transport

Revised

☐ URGENT X FOR REVIEW ☐ PLEASE COMMENT X PLEASE REPLY ☐ PLEASE RECYCLE

NOTES/COMMENTS:

Larry E. Tyree Co., Inc.
208 Route 109, Farmingdale, NY 11735 · Fax: 631-249-3281 · Phone: 631-249-3150

December 26, 2007

New York State
Department of Environmental Conservation
Bureau of Spill & Response Region 2
47-40 21st Street
Long Island City, NY 11101

Attn: Brian Falvey

RE: 5700 47th Street
Maspeth, NY 11378
Spill No. 07-09978

Dear Mr. Falvey:

The above referenced spill number was generated on December 18, 2007 due to a tank failure. On December 21, 2007,Tyree found the problem was a cross over line that had not been removed from the tank top. We removed line, installed a plug at the fitting, re-tested the tank and it held air pressure for three hours. The tank was then tested by a third party certified testing company (Metro Environmental) on the 21st, December, 2007. The test results supported our find that the tank was tight.

There were no visible signs of petroleum contamination

I will be forwarding the test results as soon as I receive them. If you need additional information, please contact the undersigned.

Thank you.

Sincerely,

Laurie Jodice
Project Manager

Cc: Ray Bedford (Island Transportation)

Member
The Tyree Organization

THE TYREE ORGANIZATION, LTD.

FACSIMILE TRANSMITTAL SHEET

TO: Brian Falvey

FROM: LAURIE JODICE 631-249-3150 x 284

FAX NUMBER: 718-482-4098

DATE: 12/28/07

COMPANY: NYSDEC

TOTAL NO. OF PAGES INCLUDING COVER: 6

PHONE NUMBER:

RE: IBC and Transport

☐ URGENT X FOR REVIEW ☐ PLEASE COMMENT X PLEASE REPLY ☐ PLEASE RECYCLE

NOTES/COMMENTS:

Larry E. Tyree Co., Inc.
208 Route 109, Farmingdale, NY 11735 · Fax: 631-249-3281 · Phone: 631-249-3150

December 26, 2007

New York State
Department of Environmental Conservation
Bureau of Spill & Response Region 2
47-40 21st Street
Long Island City, NY 11101

Attn: Brian Falvey

RE: 5700 47th Street
Maspeth, NY 11378
Spill No. 07-09978

Dear Mr. Falvey:

The above referenced spill number was generated on December 18, 2007 due to a tank failure. On December 21, 2007,Tyree found the problem was a cross over line that had not been removed from the tank top. We removed line, installed a plug at the fitting, re-tested the tank and it held air pressure for three hours. The tank was then tested by a third party certified testing company (Metro Environmental) on the 21st, December, 2007. The test results supported our find that the tank was tight.

I will be forwarding the test results as soon as I receive them. If you need additional information, please contact the undersigned.

Thank you.

Sincerely,

Laurie Jodice
Project Manager

Cc: Ray Bedford (Island Transportation)

Member
The Tyree Organization

FIELD SERVICES DAILY JOB TICKET

JOB LOCATION Island Transportation
5700 47th ST
Maspath Brooklyn

JOB COST # 237722
PREV. WAGE YES/ NO
COUNTY

PROJECT MANAGER Carl
CREW CHIEF Greg H.

DATE: 12/17/07

EMPLOYEE	START TIME	TIME AT SITE	TIME LEFT SITE	TIME AT SHOP	TRV TIME STRAIGHT TIME (DRIVER ONLY)	TOTAL HOURS ON JOB (STRAIGHT TIME)	OVERTIME HOURS
Greg H.	9:00		2:00	3:00		5	
Jay Secr	1		1	1		5	

SCOPE OF WORK/ DELAYS/ PROBLEMS/ COMMENTS/ ADDITIONAL WORK NEEDED Test Tank w/Air (Failed) - check all Leaking in vent or crossover Line - Need To dig up

EXTRA'S NOT IN ORIGINAL SCOPE OF WORK

DRUMS ON SITE

YARDS CONTAMINATED SOIL

CREW CHIEF SIGNATURE

FIELD SERVICES DAILY JOB TICKET

JOB LOCATION Island Trans
47 ST
Brooklyn Maspeth

JOB COST # 237722
PREV. WAGE YES/ NO
COUNTY

PROJECT MANAGER Leo
CREW CHIEF Greg - H.

DATE: 12/20/17

EMPLOYEE	START TIME	TIME AT SITE	TIME LEFT SITE	TIME AT SHOP	TRV TIME STRAIGHT TIME (DRIVER ONLY)	TOTAL HOURS ON JOB (STRAIGHT TIME)	OVERTIME HOURS
Greg - H.	5:30	7:00	2:30	3:30	2	8	
Joe Sacc	1	1	1	1	2	8	

SCOPE OF WORK/ DELAYS/ PROBLEMS/ COMMENTS/ ADDITIONAL WORK NEEDED Saw cut Tank mat 2 - places - dig To Tank Top Find vent - diverse Test vent Line | O.K. Have To continue diggins To find crossover Line - To diverse

EXTRA'S NOT IN ORIGINAL SCOPE OF WORK

DRUMS ON SITE

YARDS CONTAMINATED SOIL

CREW CHIEF SIGNATURE

FIELD SERVICES DAILY JOB TICKET

JOB LOCATION Island Transportation
5700 47th
Maspeth/Brooklyn

JOB COST #237722
PREV. WAGE YES/ NO
COUNTY

PROJECT MANAGER Lori
CREW CHIEF Greg-H.

DATE: 12/21/07

EMPLOYEE	START TIME	TIME AT SITE	TIME LEFT SITE	TIME AT SHOP	TRV TIME STRAIGHT TIME (DRIVER ONLY)	TOTAL HOURS ON JOB (STRAIGHT TIME)	OVERTIME HOURS
Greg-H.	5:30	6:30	2:00	3:00	1	8	
Joe Succ	1	1	1	1	1	8	

SCOPE OF WORK/ DELAYS/ PROBLEMS/ COMMENTS/ ADDITIONAL WORK NEEDED Saw cut
break out 3rd Hole over Tank Top - Find crossover line &
disconnect - Tank Hold pressure 13hrs (good) - back Fill
& barricade

EXTRA'S NOT IN ORIGINAL SCOPE OF WORK

DRUMS ON SITE

YARDS CONTAMINATED SOIL

CREW CHIEF SIGNATURE

FIELD SERVICES DAILY JOB TICKET

JOB LOCATION Island Trans. 3700 47ST Masp Th, Brooklyn

JOB COST # 237722
PREV. WAGE YES/ NO
COUNTY

PROJECT MANAGER Lori
CREW CHIEF Greg H.

DATE: 12/24/07

EMPLOYEE	START TIME	TIME AT SITE	TIME LEFT SITE	TIME AT SHOP	TRV TIME STRAIGHT TIME (DRIVER ONLY)	TOTAL HOURS ON JOB (STRAIGHT TIME)	OVERTIME HOURS
Greg H.						8	
Joe Succ						8	

SCOPE OF WORK/ DELAYS/ PROBLEMS/ COMMENTS/ ADDITIONAL WORK NEEDED Remove cut concrete & pour concrete duct Tank (100 gl
MASSAU concrete 2yds

EXTRA'S NOT IN ORIGINAL SCOPE OF WORK

DRUMS ON SITE

YARDS CONTAMINATED SOIL

CREW CHIEF SIGNATURE

NYSDEC SPILL REPORT FORM

DEC REGION: 2 **SPILL NUMBER:** 0709978

SPILL NAME: ISLAND TRANS CORP **DEC LEAD:** bkfalvey

SPILL DATE: 12/18/2007 **SPILL TIME:** 12:41 pm

CALL RECEIVED DATE: 12/18/2007 **RECEIVED TIME:** 12:41 pm

SPILL LOCATION

PLACE: ISLAND TRANS CORP **COUNTY:** Queens

STREET: 5700 47TH STREET **TOWN/CITY:** New York City

COMMUNITY: MASPETH

CONTACT: CHRIS MALLOY **CONTACT PHONE:** (413) 572-1900

CONT. FACTOR: Tank Test Failure **SPILL REPORTED BY:** Other

FACILITY TYPE: Commercial/Industrial **WATERBODY:**

CALLER REMARKS:
PBS No: 2-318744

MATERIAL	CLASS	SPILLED	RECOVERED	RESOURCES AFFECTED
diesel	Petroleum		0 G	Soil,

POTENTIAL SPILLERS

COMPANY	ADDRESS	CONTACT
	5700 47TH STREET MASPATH NY	CHRIS MALLOY (413) 572-1900

OTHER SPILLS / CLEANUPS / PBS AT SITE

SPILL NUMBER / PROGRAM NUMBER	CLOSE DATE	PROGRAM TYPE

Tank No.	Tank Size	Material	Cause	Source	Test Method	Leak Rate	Gross Failure
	4,000	diesel	Other	Tank	14	0.00	

DEC REMARKS:

12/21/07 Received call from Sean Healy of Getty. He believes the vent line failed due to fitting at tank was loose. No contamination found. Metro Environmental will be testing line tonight. Will send test report and letter. bf

12/28/07 received fax from Laurie Jodice of Tyree. There was a crossover line that was not removed. Fitting for line was plugged and tank was restested by Metro Environmental and passed. Called Sean Healy and he told me no signs of petroleu contamination was found during repairs. He then transferred me to Laurie Jodice of Tyree who is the project manager. I told I need test results and letter regarding contamination. She said that she will send letter and send test results when she gets them. Letter stating no visdible signs of petroleum contamination received by fax from L. Jodice. Received passing tightness test results. NFA. bf

Created On: 12/18/2007

Date Printed: 11/4/2021 Last Updated: 06/30/2008

NYSDEC SPILL REPORT FORM

DEC REGION: 2 **SPILL NUMBER:** 0709978

SPILL NAME: ISLAND TRANS CORP **DEC LEAD:** bkfalvey

PIN **T & A** **COST CENTER**

CLASS: C4 **CLOSE DATE:** 12/28/2007 **MEETS STANDARDS:** False

NYSDEC SPILL REPORT FORM

DEC REGION: 2 **SPILL NUMBER:** 0808170

SPILL NAME: 5700 MASPETH AVENUE LLC **DEC LEAD:** vszhune

SPILL DATE: 10/21/2008 **SPILL TIME:** 11:00 am

CALL RECEIVED DATE: 10/21/2008 **RECEIVED TIME:** 12:02 pm

SPILL LOCATION

PLACE: 5700 MASPETH AVENUE LLC **COUNTY:** Queens

STREET: 5700 47TH ST **TOWN/CITY:** New York City

COMMUNITY: QUEENS

CONTACT: CHIEF BERGAMINI **CONTACT PHONE:** (347) 539-0560

CONT. FACTOR: Unknown **SPILL REPORTED BY:** Fire Department

FACILITY TYPE: Commercial/Industrial **WATERBODY:**

CALLER REMARKS:

CALLER STATES THAT THERE IS ACTIVE SPILLING AND ILLEGAL STORAGE. THERE IS SPEEDY DRY ALL OVER BUT NOTHING HAS BEEN CLEANED UP, CALLER STATES THAT THIS HAS BEEN GOING ON FOR 10 YEARS. THEY HAVE 2 O/S FUEL TRUCKS FOR STORAGE AND FOR TRANSFERING FUEL TO VEHICLES. THE CATCH BASIN IN T YARD HAS BEEN FILLED IN WITH DIRT. CALLER IS REQUESTING THAT SOMEONE FROM DEC CONTACT HIM AS/

MATERIAL	CLASS	SPILLED	RECOVERED	RESOURCES AFFECTED
diesel	Petroleum	0 G	0 G	Soil,

POTENTIAL SPILLERS

COMPANY	ADDRESS	CONTACT
5700 MASPETH AVENUE LLC	5700 47TH ST QUEENS NY	CHIEF BERGAMINI (347) 539-0560

OTHER SPILLS / CLEANUPS / PBS AT SITE

SPILL NUMBER / PROGRAM NUMBER	CLOSE DATE	PROGRAM TYPE

Tank No.	Tank Size	Material	Cause	Source	Test Method	Leak Rate	Gross Failure

DEC REMARKS:

10/21/08-Zhune visited the site, spoke to Rossana Bortone (718) 456-8636 owner of Almar Supplies. She said they will hired contractor to do the cleaned up.

08/27/12-Environmental Management Solutions, Inc. sent the Limmited Subsurface Investigation Report dated January 23, 2009.
Six soil borings locations were selected according to visual petroleum related staining. All soil samples were collected at a depth of 1.5 feet(BGS).

There were olfatory inidcations of petroleum related contamination in samples S-1, S-5, S-6. The soil Analytical results identified samples S-1 and S-5, having seven and two VOCs respectively in excess of the limit. S-1 (Total xylenes 2500 ppb, 1,3,5 Trimethyl Benzene 11000 ppb) and S-5(Total Xylene 34000 ppb, n-propylbenzene 3800 ppb, 1,2,5 Trimethyl Benzene 2300 ppb, 1,2,4 Trimethyl Benzene 58000 ppb, n-butylbenzene 11000 ppb, napgthalene 24000 ppb.

NYSDEC SPILL REPORT FORM

DEC REGION: 2 **SPILL NUMBER:** 0808170

SPILL NAME: 5700 MASPETH AVENUE LLC **DEC LEAD:** vszhune

08/27/12- Environmental management Solutions, Inc. sent the Investigation Summary Report dated November 2010.
On March 17 through 19 381.04 tons of contaminated soil was excavated. depth of excavation was approximately eight feet (Bgs). Groundwater was observed in the excavation and is estimated to be at 7 feet(bgs). Subsequent to the excavation of contaminate soil a total of five samples were collected arround the perimeter of the pit approximately on foot from the floor of excavation.
The endpoint soil analytical results inidcated that there were no VOCs exceeding the limit.
There was no collection system encountered or any piping associated with the floor drain in the concrete pad.

08/27/12- Taylor Environmental sent the report for the instalation and sampling of a monitoring well date August 20, 2012.
A groundwater sample was collected from the well. The groundwater analitycal result are within the accetable limit. Spill CLosed.

PIN **T & A** **COST CENTER**

CLASS: **CLOSE DATE:** 08/27/2012 **MEETS STANDARDS:** False

NYSDEC SPILL REPORT FORM

DEC REGION: 2 **SPILL NUMBER:** 1306438

SPILL NAME: COMMERCIAL PROPERTY **DEC LEAD:** RMPIPER

SPILL DATE: 09/19/2013 **SPILL TIME:** 11:00 am

CALL RECEIVED DATE: 09/19/2013 **RECEIVED TIME:** 11:36 am

SPILL LOCATION

PLACE: COMMERCIAL PROPERTY **COUNTY:** Queens

STREET: 57-00 47 ST **TOWN/CITY:** New York City

COMMUNITY: MASPETH

CONTACT: EMIL LAMANA **CONTACT PHONE:** (718) 456-8636

CONT. FACTOR: Equipment Failure **SPILL REPORTED BY:** Other

FACILITY TYPE: Commercial/Industrial **WATERBODY:**

CALLER REMARKS:

4000 gal ust/tank is being removed/loss of product to soil

MATERIAL	CLASS	SPILLED	RECOVERED	RESOURCES AFFECTED
diesel	Petroleum			Soil,

POTENTIAL SPILLERS

COMPANY	ADDRESS	CONTACT
EMIL LAMANA	NY	

OTHER SPILLS / CLEANUPS / PBS AT SITE

SPILL NUMBER / PROGRAM NUMBER	CLOSE DATE	PROGRAM TYPE

Tank No.	Tank Size	Material	Cause	Source	Test Method	Leak Rate	Gross Failure

DEC REMARKS:

DECpiper spoke with MArc. Tank is being rmeoved. Spoil cont found in pea gravel in vault.

DEC Piper received closure report. Based on work to date, analytical results, this spill is closed. See edocs if warranted for report.

PIN **T & A** **COST CENTER**

CLASS: D4 **CLOSE DATE:** 02/11/2014 **MEETS STANDARDS:** False

Created On: 09/19/2013

Date Printed: 11/4/2021 Last Updated: 02/11/2014

NYSDEC SPILL REPORT FORM

DEC REGION: 2 **SPILL NUMBER:** 9411004

SPILL NAME: 57-00 47TH ST **DEC LEAD:** SMMARTIN

SPILL DATE: 11/17/1994 **SPILL TIME:** 9:00 am

CALL RECEIVED DATE: 11/17/1994 **RECEIVED TIME:** 10:57 am

SPILL LOCATION

PLACE: 57-00 47TH ST **COUNTY:** Queens

STREET: 57-00 47TH ST **TOWN/CITY:** New York City

COMMUNITY: MASPETH

CONTACT: **CONTACT PHONE:**

CONT. FACTOR: Deliberate **SPILL REPORTED BY:** Federal Government

FACILITY TYPE: Commercial/Industrial **WATERBODY:**

CALLER REMARKS:
NYC DEP WAS NOTIFIED

MATERIAL	CLASS	SPILLED	RECOVERED	RESOURCES AFFECTED
gasoline	Petroleum	-1 G	0 G	Sewer,

POTENTIAL SPILLERS

COMPANY	ADDRESS	CONTACT
ISLAND TRANSPORTATION	NY	

OTHER SPILLS / CLEANUPS / PBS AT SITE

SPILL NUMBER / PROGRAM NUMBER	CLOSE DATE	PROGRAM TYPE

Tank No.	Tank Size	Material	Cause	Source	Test Method	Leak Rate	Gross Failure

DEC REMARKS:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MARTINKAT"

PIN **T & A** **COST CENTER**

CLASS: C4 **CLOSE DATE:** 11/17/1994 **MEETS STANDARDS:** True

Created On: 12/09/1994

Date Printed: 11/4/2021 Last Updated: 03/29/2004

NYSDEC SPILL REPORT FORM

DEC REGION: 2 **SPILL NUMBER:** 9812248

SPILL NAME: BORO LUMBER COMPANY **DEC LEAD:** WBWELLIN

SPILL DATE: 01/04/1999 **SPILL TIME:** 10:00 am

CALL RECEIVED DATE: 01/04/1999 **RECEIVED TIME:** 11:32 am

SPILL LOCATION

PLACE: BORO LUMBER COMPANY **COUNTY:** Queens

STREET: 57-57 47TH ST **TOWN/CITY:** New York City

COMMUNITY: MASPETH

CONTACT: JOHN SUSSEX - OWNER **CONTACT PHONE:** (718) 821-3600

CONT. FACTOR: Unknown **SPILL REPORTED BY:** Other

FACILITY TYPE: Commercial/Industrial **WATERBODY:**

CALLER REMARKS:

went to take soil samples before ust are removed and found contaminated soil. there is a creek downhill from site but calle does not believe it is affected. tanks will be dug up and spill cleaned up tomorrow.

MATERIAL	CLASS	SPILLED	RECOVERED	RESOURCES AFFECTED
gasoline	Petroleum	0 G	0 G	Soil,

POTENTIAL SPILLERS

COMPANY	ADDRESS	CONTACT
BORO LUMBER COMPANY	57-57 47TH ST MASPEGH ZZ	JOHN SUSSEX - OWNER (718) 821-3600

OTHER SPILLS / CLEANUPS / PBS AT SITE

SPILL NUMBER / PROGRAM NUMBER	CLOSE DATE	PROGRAM TYPE

Tank No.	Tank Size	Material	Cause	Source	Test Method	Leak Rate	Gross Failure

DEC REMARKS:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ROMMEL"
57-45 47TH STREET?

07/12/06 Clean-up was performed adequately. Spill file closed.

PIN **T & A** **COST CENTER**

CLASS: C4 **CLOSE DATE:** 07/12/2006 **MEETS STANDARDS:** False

Created On: 01/04/1999

Date Printed: 11/4/2021 Last Updated: 07/12/2006

New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 2
Spill Prevention and Response Programs
47-40 21ST Street, Long Island City, NY 11101-5407
Phone: (718) 482-7305 • **FAX:** (718) 482-4098
Website: www.dec.ny.gov

Alexander Grannis
Commissioner

February 09, 2009

Rossane Bortone
57-00 47th Street
Maspeth , NY 11378

Re: 57-00 47th ST. Maspeth, NY
Spill #: 0808170

Dear Ms, Bortone :

The New York State Department of Environmental Conservation (the Department) has received and reviewed the Limited Subsurface Investigation Report dated January 30, 2009, submitted by Environmental Management Solutions, Inc. for the above referenced site. The Department has reviewed the Report and approved the recommendations to excavate soil. The Department requires the following:

1. *Collection of Soil Endpoint Samples from Limit of Excavation:* As per DER-10 (Technical Guidance for Site Investigation and Remediation), available at **http://www.dec.ny.gov/regulations/2393.html** 5.4(a) "In order to document the effectiveness of a soil removal the following sampling activities are to be performed: (2.ii) For excavations 20 to 300 feet in perimeter: (2) For subsurface spills, one sample from the bottom of each sidewall for every 30 linear feet of sidewall and one sample from the excavation bottom for every 900 square feet of bottom area". Samples will be analyzed for EPA Methods 8260 and 8270 and results will be submitted to the Department. Furthermore, a scaled site plan must be submitted with all endpoint sampling locations. Contaminated soil must be removed and disposed of as per 6 NYCRR Part 364 including the submission of soil disposal manifests to the Department. Additional borings/monitoring wells may be necessary based upon review of the investigation report.

2. *Submission of Site Map with Concrete Pad and Drain:* As per DER-10 (Technical Guidance for Site Investigation and Remediation), available **http://www.dec.ny.gov/regulations/2393.html** , 3.3b "A description of each area of concern including approximate dimensions, suspected contaminants, suspected source of discharge and potential receptors" must be submitted to the Department. A scaled site plan including the concrete pad and the drain must be submitted to the Department.

3. *Investigation of Drain in Concrete Pad:* As per DER-10 (Technical Guidance for Site Investigation and Remediation), available at **http://www.dec.ny.gov/regulations/2393.html** , 3.9d "If there is a reason to believe contaminants were or may have been discharged into the floor drain or collection system: I. The point of discharge for any floor drain or collection system should be sampled if the system discharges or ever may have discharged to soil, groundwater or surface water; ii. If the point of discharge is unknown, tracer tests (for example, dye or smoke) should be

conducted to determine the discharge point (s); iii. Collection system integrity should be documented by representative soil sampling at potential leak areas, video inspection, hydrostatic test or pressure test. Documentation of the investigation must be submitted to the Department .

The Department holds any Responsible Party liable for addressing any on- or off-site contamination associated with this spill case. Under Article 12 of the New York State Navigation Law (NL) and Article 17 of Environmental Conservation Law (ECL), any person who discharges petroleum and fails to promptly clean up such prohibited discharge may be subject to a penalty of up to $37,500 per day per violation. The report must be **submitted to this office no later than one month from the date of this letter**, referencing the spill case number (see above) and the site address. It should be sent to the attention of the above named NYSDEC Project Manager.

If you wish to discuss this letter, please contact me at (718) 482-7305.

Sincerely,

Veronica Zhune

Veronica Zhune
Environmental Engineer
Spill Prevention & Response Programs

cc: Patricia Badding (Environmental Management Solutions, Inc.)

New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 2
One Hunters Point Plaza
47-40 21st Street, Long Island City, 11101
Phone: (718) 482-7305 • **Fax:** (718) 482-4098
Website: www.dec.ny.gov

Joe Martens
Commissioner

April 16, 2012

Rossane Bortone
5700 47th Street
Maspeth, NY 11378

Re: 5700 47th Street, Maspeth, NY
Spill #: 0808170

Dear Ms. Bortone:

The New York State Department of Environmental Conservation (the Department) has received and reviewed the Investigation Summary Report, dated November, 2012, submitted by Environmental Management Solutions, Inc. for the above referenced site. The Department requires the following:

1.*Collection of Groundwater Sample From Former Excavation Location:* The Department requires the collection of groundwater sample from former excavation location. If contaminated groundwater is noted then groundwater flow direction must be determined the contamination must be delineated on-site and off-site (if applicable). During installation of the borings/monitoring wells, soil must be sampled continuously with a PID. The two deepest dry soil sample and the sample with the highest PID reading must be sent to a NYSDOH certified laboratory for analysis by EPA Method 8260/8270 and the results must be sent to the Department. If no elevated PID readings are found then the two deepest dry soil samples must be submitted for analysis. Water samples must be analyzed for EPA Method 8260/8270. Prior to installation, all utilities must be located and marked out. A report summarizing the findings of the subsurface investigation including boring logs, well installation logs, sample results, site plan, conclusions and recommendations are to be submitted to the Department. Additional borings/monitoring wells may be necessary based upon review of the investigation report.

If you wish to discuss this letter, please contact me at (718) 482-7305.

Sincerely,

Veronica Zhune
Environmental Engineer
Spill Prevention & Response Programs

cc: Patricia Badding (Environmental Management Solutions, Inc.)

Almar Supplies Inc.

57-05 47TH Street
Maspeth, NY 11378
Tel: 718-456-8636
Fax: 718-456-9812

facsimile transmittal

To: Veronica Fax: 718 482 4098

From: Rossana Date: 2.5.13

Re: Pages: 11 To Follow

CC:

☐ Urgent ☐ For Review ☐ Please Comment ☐ Please Reply ☐ Please Recycle

Taylord Environment

Ms. Veronica Zhune
Environmental Engineer- DER-NYSDEC Region 2
47-40 21st Street
Long Island City, New York 11101

August 20, 2012

Re: 57-00 47th Street, LLC
57-00 47th Street
Maspeth, New York
NYSDEC Spill Case 0808170

Ms. Zhune,

The purpose of this letter is to present data collected from the subject site, requested in your letter dated April 6, 2012.

Todd Syska, Inc. was subcontracted by Taylord Environment, Inc. ("TE") to complete a soil borings on the project site, in the area of the former soil remediation. A track mounted, two inch, hydraulic press, GeoProbe™, drill rig was utilized by Todd Syska, Inc. to advance the boring on July 19, 2012. Continuous soil samples were collected throughout the exploration. The soil boring was advanced to approximately 16 feet below grade and finished with a one inch, sch 40, PVC, piezometer. The piezometer constructions was as follows: 16 feet to 6 feet below grade is one inch, sch 40, 0.020 slot screen, PVC; 6 feet to grade is one inch, sch 40, solid PVC. The well was finished with a sand pack from 16 feet to 3 feet below grade, one foot of bentonite plug and sand to grade. See "Figure 1" for the location of the sample point.

TE observed the following physical characteristics of soils encountered during the exploration:
0' – 4' Recycled Item 4 ("Blend"), PID Readings ND ppm
4' – 8' Recycled Item 4 to Brown Clay Loam (transition ~ 6'-7'), PID ND ppm
8' – 12' Dark Brown/Black Organic/Clay Loam, PID 19.8 ppm (GW @ ~11')
12' – 16' Brown Clay to Coal Ash to Wood Ash (All Historically Placed), PID ND ppm

As requested, TE collected a representative soil sample from the exploration. The soil sample was collected from the interval that exhibited the highest PID reading, in the area just above the static groundwater table, approximately 11 feet below grade. The soils collected for laboratory analysis were indigenous to the site, NOT backfill material placed following the remedial action. Laboratory analysis of the soil sample showed concentrations of target analytes below the NYSDEC Guidance Values (CP-51). See Table 1 for a summary of the laboratory data.

On July 19, 2012, TE used a peristaltic pump to develop the piezometer installed in the soil boring. TE pumped three well volumes from the piezometer prior to collecting a representative groundwater sample. The groundwater sample was collected with the peristaltic pump at a low flow rate. Laboratory analysis of

Taylord Environment, Inc.
24 Wing Avenue
Dover Plains, New York 12522
Telephone/Fax (845) 877-3840
E-Mail taylord@optonline.net

02-05-'13 12:13 FROM- T-284 P0002/0012 F-210

the groundwater sample showed concentrations of target analytes below the NYSDEC Guidance Values (TAGM #4046). See Table 1 for a summary of the laboratory data.

Soil and groundwater samples described in this document were collected into laboratory clean glassware, maintained at four degrees Celsius, and delivered to York Analytical Laboratories, Inc., located in Stratford, CT, for analysis. The soil sample was analyzed by EPA Method 8260 and EPA Method 8270, modified for CP-51 compounds only. The groundwater sample was analyzed by EPA Method 8260, modified for CP-51 compounds only.

The post-remediation soil and groundwater samples, presented with this document, demonstrate a successful soil remediation. It is the opinion of TE that no further remedial actions are required for the subject site. TE believes that the previous action successfully eliminated impacted soils. Therefore, Taylord Environment, Inc., on behalf of 57-00 47th Street, LLC, requests closure of the active NYSDEC Spill Case 0808170. The request for closure is based on the remediation preformed and the data presented in this report and by data submitted by Environmental Management Solutions, Inc.

This report has been prepared for the use of the NYSDEC, 57-00 47th Street, LLC, and/or pertinent parties associated with the subject site. Reasonable due diligence was exercised by the staff of Taylord Environment Inc. in conducting the research and investigation necessary for the development of this report. The conclusions provided by Taylord Environment Inc. in this report are based solely on the information reported in this document. Results of future subsurface investigations may result in a modification of the conclusions stated above. The conclusions presented herein are based upon the current regulatory climate and may require revision if future regulatory changes occur. This investigation and preparation of this report has been conducted in accordance with generally accepted practices. No other warranty, expressed or implied, is made.

If you have any questions regarding this report, please contact Scott Taylor at (845) 877-3840.

Sincerely,

Scott Taylor
Senior Environmental Scientist
Taylord Environment, Inc.

Taylord Environment, Inc.
24 Wing Avenue
Dover Plains, New York 12522
Telephone/Fax (845) 877-3840
E-Mail tayl0rd@optonline.net

02-05-'13 12:14 FROM- T-284 P0003/0012 F-210

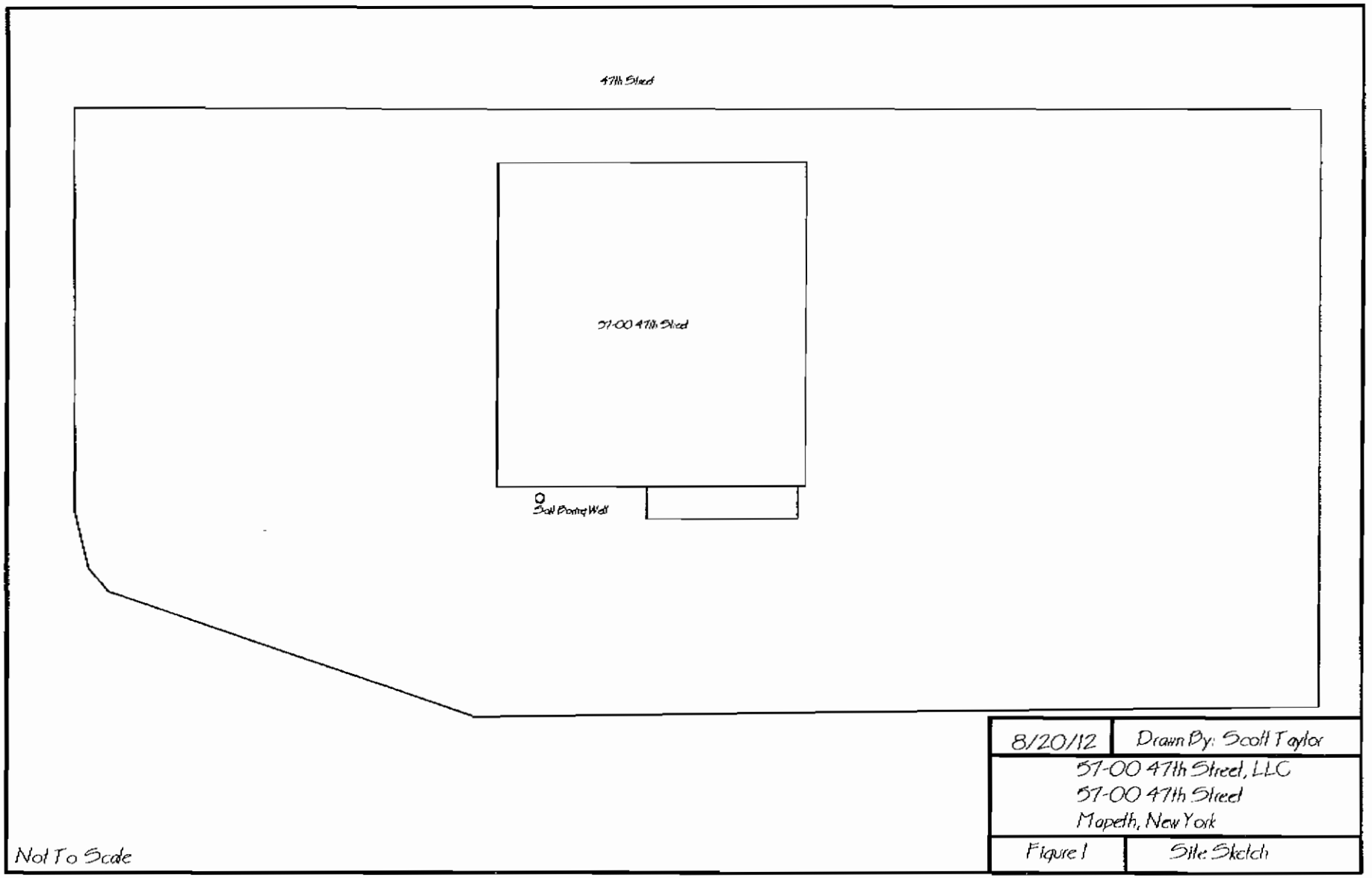
Taylord Environment, Inc.

Table 1
Soil & Groundwater Sample Summary
5700 47th Street, LLC
Collected July 19, 2012
Concentration Given in Parts Per Billion

Volatile Organic Compounds	Monitoring Well Soil	Monitoring Well Ground Water	CP-51	TAGM #4046
1,2,4-Trimethylbenzene	2.7	1.8	3,600	5
1,3,5-Trimethylbenzene	3.0	ND	8,400	5
Benzene	ND	1.3	60	0.7
Ethylbenzene	2.6	3.0	1,000	5
Isopropylbenzene	ND	ND	2,300	5
MTBE	ND	9.9	930	10
Naphthalene	7.5	4.2	12,000	10
n-Butylbenzene	2.1	ND	12,000	5
n-Propylbenzene	1.9	ND	3,900	5
o-Xylene	4.0	1.1	NA	5
p- & m-Xylenes	3.8	1.4	NA	5
p-Isopropyltoluene	ND	ND	10,000	5
sec-Butylbenzene	ND	ND	11,000	5
tert-Butylbenzene	ND	ND	5,900	5
Toluene	2.1	0.97	700	5
Xylene (Mixed)	7.8	2.5	260	5
Semi-Volatile Organic Compounds			CP-51	TAGM #4046
Acenaphthene	ND	ND	20,000	5
Acenaphthylene	ND	ND	100,000	5
Anthracene	810	ND	100,000	0.7
Benzo[a]anthracene	880	ND	1,000	5
Benzo[a]pyrene	630	ND	1,000	5
Benzo[b]fluoranthene	ND	ND	1,000	10
Benzo[g,h,i]perylene	ND	ND	100,000	10
Benzo[k]fluoranthene	ND	ND	800	5
Chrysene	1,000	ND	1,000	5
Dibenzo[a,h]anthracene	ND	ND	330	5
Fluoranthene	2,500	3.3	100,000	5
Fluorene	1,000	ND	100,000	5
Indeno[1,2,3-cd]pyrene	ND	ND	500	5
Naphthalene	ND	ND	12,000	5
Phenanthrene	3,800	3.7	100,000	5
Pyrene	2,100	3.3	100,000	5

Note:
All Analytes are compared to Appendix A of TAGM #4046 For Groundwater & CP-51 For Soil
1) Concentrations in Bold Exceed Both NYSDEC Guidance Values
2) ND = None Detect
3) NA = Not Analyzed

02-05-'13 12:14 FROM- T-284 P0004/0012 F-210



8/20/12	Drawn By: Scott Taylor
57-00 47th Street, LLC 57-00 47th Street Maspeth, New York	
Figure 1	Site Sketch

Not To Scale

YORK

ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Taylord Environment, Inc.
24 Wing Avenue
Dover Plains NY, 12522
Attention: Scott Taylor

Report Date: 07/31/2012
Client Project ID: 5700 47th St. LLC 57-00 47th St. Maspeth, NY
York Project (SDG) No.: 12G0633

CT License No. PH-0723 | New Jersey License No. CT-005 | New York License No. 10854 | PA License No. 68-04440

120 RESEARCH DRIVE | STRATFORD, CT 06615 | (203) 325-1371 | FAX (203) 357-0166

02-05-'13 12:15 FROM- T-284 P0006/0012 F-210

Report Date: 07/31/2012
Client Project ID: 5700 47th St. LLC 57-00 47th St. Maspeth, NY
York Project (SDG) No.: 12G0633

Taylord Environment, Inc.
24 Wing Avenue
Dover Plains NY, 12522
Attention: Scott Taylor

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 20, 2012 and listed below. The project was identified as your project: **5700 47th St. LLC 57-00 47th St. Maspeth, NY.**

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
12G0633-01	Monitoring Well	Water	07/19/2012	07/20/2012
12G0633-02	Monitoring Well @11'	Soil	07/19/2012	07/20/2012

General Notes for York Project (SDG) No.: 12G0633

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By: Robert Q. Bradley **Date:** 07/31/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

02-05-'13 12:15 FROM- T-284 P0007/0012 F-210

YORK

ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: Monitoring Well **York Sample ID:** 12G0633-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0633	5700 47th St. LLC 57-00 47th St. Maspeth, NY	Water	July 19, 2012 3:00 pm	07/20/2012

Volatile Organics, CP-51 (formerly STARS) List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	1.8	J	ug/L	0.41	5.0	1	EPA SW846-8260B	07/24/2012 08:31	07/24/2012 14:31	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B	07/24/2012 08:31	07/24/2012 14:31	SS
71-43-2	Benzene	1.3	J	ug/L	0.30	5.0	1	EPA SW846-8260B	07/24/2012 08:31	07/24/2012 14:31	SS
100-41-4	Ethyl Benzene	3.0	J	ug/L	0.25	5.0	1	EPA SW846-8260B	07/24/2012 08:31	07/24/2012 14:31	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA SW846-8260B	07/24/2012 08:31	07/24/2012 14:31	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	9.9		ug/L	0.53	5.0	1	EPA SW846-8260B	07/24/2012 08:31	07/24/2012 14:31	SS
91-20-3	Naphthalene	4.2	J	ug/L	1.2	10	1	EPA SW846-8260B	07/24/2012 08:31	07/24/2012 14:31	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B	07/24/2012 08:31	07/24/2012 14:31	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.54	5.0	1	EPA SW846-8260B	07/24/2012 08:31	07/24/2012 14:31	SS
95-47-6	o-Xylene	1.1	J	ug/L	0.21	5.0	1	EPA SW846-8260B	07/24/2012 08:31	07/24/2012 14:31	SS
1330-20-7P/M	p- & m- Xylenes	1.4	J	ug/L	0.53	10	1	EPA SW846-8260B	07/24/2012 08:31	07/24/2012 14:31	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.34	5.0	1	EPA SW846-8260B	07/24/2012 08:31	07/24/2012 14:31	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B	07/24/2012 08:31	07/24/2012 14:31	SS
98-06-6	tert-Butylbenzene	ND		ug/L	1.4	5.0	1	EPA SW846-8260B	07/24/2012 08:31	07/24/2012 14:31	SS
108-88-3	Toluene	0.97	J	ug/L	0.17	5.0	1	EPA SW846-8260B	07/24/2012 08:31	07/24/2012 14:31	SS
1330-20-7	Xylenes, Total	2.5	J	ug/L	0.55	15	1	EPA SW846-8260B	07/24/2012 08:31	07/24/2012 14:31	SS

Semi-Volatiles, CP-51 (formerly STARS) List **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	2.1	5.9	1	EPA SW-846 8270C	07/24/2012 07:21	07/25/2012 18:46	SR
208-96-8	Acenaphthylene	ND		ug/L	2.0	5.9	1	EPA SW-846 8270C	07/24/2012 07:21	07/25/2012 18:46	SR
120-12-7	Anthracene	ND		ug/L	1.4	5.9	1	EPA SW-846 8270C	07/24/2012 07:21	07/25/2012 18:46	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	1.5	5.9	1	EPA SW-846 8270C	07/24/2012 07:21	07/25/2012 18:46	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	1.5	5.9	1	EPA SW-846 8270C	07/24/2012 07:21	07/25/2012 18:46	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	1.7	5.9	1	EPA SW-846 8270C	07/24/2012 07:21	07/25/2012 18:46	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	2.0	5.9	1	EPA SW-846 8270C	07/24/2012 07:21	07/25/2012 18:46	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	2.2	5.9	1	EPA SW-846 8270C	07/24/2012 07:21	07/25/2012 18:46	SR
218-01-9	Chrysene	ND		ug/L	1.7	5.9	1	EPA SW-846 8270C	07/24/2012 07:21	07/25/2012 18:46	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	1.8	5.9	1	EPA SW-846 8270C	07/24/2012 07:21	07/25/2012 18:46	SR
206-44-0	Fluoranthene	3.3	J	ug/L	1.5	5.9	1	EPA SW-846 8270C	07/24/2012 07:21	07/25/2012 18:46	SR
86-73-7	Fluorene	ND		ug/L	2.2	5.9	1	EPA SW-846 8270C	07/24/2012 07:21	07/25/2012 18:46	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	2.0	5.9	1	EPA SW-846 8270C	07/24/2012 07:21	07/25/2012 18:46	SR
91-20-3	Naphthalene	ND		ug/L	2.3	5.9	1	EPA SW-846 8270C	07/24/2012 07:21	07/25/2012 18:46	SR
85-01-8	Phenanthrene	3.7	J	ug/L	1.6	5.9	1	EPA SW-846 8270C	07/24/2012 07:21	07/25/2012 18:46	SR
129-00-0	Pyrene	3.3	J	ug/L	2.0	5.9	1	EPA SW-846 8270C	07/24/2012 07:21	07/25/2012 18:46	SR

02-05-'13 12:15 FROM- T-284 P0008/0012 F-210

YORK

ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: Monitoring Well — **York Sample ID:** 12G0633-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0633	5700 47th St. LLC 57-00 47th St. Maspeth, NY	Water	July 19, 2012 3:00 pm	07/20/2012

Sample Information

Client Sample ID: Monitoring Well @11' — **York Sample ID:** 12G0633-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0633	5700 47th St. LLC 57-00 47th St. Maspeth, NY	Soil	July 19, 2012 3:00 pm	07/20/2012

Volatile Organics, CP-51 (formerly STARS) List — **Log-in Notes:** — **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	**1,2,4-Trimethylbenzene**	**2.7**	J	ug/kg dry	1.2	11	1	EPA SW846-8260B	07/27/2012 08:35	07/27/2012 13:54	SS
108-67-8	**1,3,5-Trimethylbenzene**	**3.0**	J	ug/kg dry	0.96	11	1	EPA SW846-8260B	07/27/2012 08:35	07/27/2012 13:54	SS
71-43-2	Benzene	ND		ug/kg dry	1.1	11	1	EPA SW846-8260B	07/27/2012 08:35	07/27/2012 13:54	SS
100-41-4	**Ethyl Benzene**	**2.6**	J	ug/kg dry	0.63	11	1	EPA SW846-8260B	07/27/2012 08:35	07/27/2012 13:54	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.1	11	1	EPA SW846-8260B	07/27/2012 08:35	07/27/2012 13:54	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.79	11	1	EPA SW846-8260B	07/27/2012 08:35	07/27/2012 13:54	SS
91-20-3	**Naphthalene**	**7.5**	J	ug/kg dry	2.3	22	1	EPA SW846-8260B	07/27/2012 08:35	07/27/2012 13:54	SS
104-51-8	**n-Butylbenzene**	**2.1**	J	ug/kg dry	0.94	11	1	EPA SW846-8260B	07/27/2012 08:35	07/27/2012 13:54	SS
103-65-1	**n-Propylbenzene**	**1.9**	J	ug/kg dry	0.90	11	1	EPA SW846-8260B	07/27/2012 08:35	07/27/2012 13:54	SS
95-47-6	**o-Xylene**	**4.0**	J	ug/kg dry	0.79	11	1	EPA SW846-8260B	07/27/2012 08:35	07/27/2012 13:54	SS
1330-20-7P/M	**p- & m- Xylenes**	**3.8**	J	ug/kg dry	2.0	22	1	EPA SW846-8260B	07/27/2012 08:35	07/27/2012 13:54	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	0.66	11	1	EPA SW846-8260B	07/27/2012 08:35	07/27/2012 13:54	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.0	11	1	EPA SW846-8260B	07/27/2012 08:35	07/27/2012 13:54	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.0	11	1	EPA SW846-8260B	07/27/2012 08:35	07/27/2012 13:54	SS
108-88-3	**Toluene**	**2.1**	J	ug/kg dry	0.83	11	1	EPA SW846-8260B	07/27/2012 08:35	07/27/2012 13:54	SS
1330-20-7	**Xylenes, Total**	**7.8**	J	ug/kg dry	1.3	32	1	EPA SW846-8260B	07/27/2012 08:35	07/27/2012 13:54	SS

Semi-Volatiles, CP-51 (formerly STARS) List — **Log-in Notes:** — **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	490	1300	5	EPA SW-846 8270C	07/24/2012 09:59	07/27/2012 10:39	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	650	1300	5	EPA SW-846 8270C	07/24/2012 09:59	07/27/2012 10:39	SR
120-12-7	**Anthracene**	**810**	J	ug/kg dry	790	1300	5	EPA SW-846 8270C	07/24/2012 09:59	07/27/2012 10:39	SR
56-55-3	**Benzo(a)anthracene**	**880**	J	ug/kg dry	500	1300	5	EPA SW-846 8270C	07/24/2012 09:59	07/27/2012 10:39	SR
50-32-8	**Benzo(a)pyrene**	**630**	J	ug/kg dry	530	1300	5	EPA SW-846 8270C	07/24/2012 09:59	07/27/2012 10:39	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	1100	1300	5	EPA SW-846 8270C	07/24/2012 09:59	07/27/2012 10:39	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	450	1300	5	EPA SW-846 8270C	07/24/2012 09:59	07/27/2012 10:39	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	1300	1300	5	EPA SW-846 8270C	07/24/2012 09:59	07/27/2012 10:39	SR
218-01-9	**Chrysene**	**1000**	J	ug/kg dry	620	1300	5	EPA SW-846 8270C	07/24/2012 09:59	07/27/2012 10:39	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	540	1300	5	EPA SW-846 8270C	07/24/2012 09:59	07/27/2012 10:39	SR
206-44-0	**Fluoranthene**	**2500**		ug/kg dry	790	1300	5	EPA SW-846 8270C	07/24/2012 09:59	07/27/2012 10:39	SR

02-05-'13 12:16 FROM- T-284 P0009/0012 F-210

YORK

ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: Monitoring Well @11' **York Sample ID:** 12G0633-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12G0633	5700 47th St. LLC 57-00 47th St. Maspeth, NY	Soil	July 19, 2012 3:00 pm	07/20/2012

Semi-Volatiles, CP-51 (formerly STARS) List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	1000	J	ug/kg dry	650	1300	5	EPA SW-846 8270C	07/24/2012 09:59	07/27/2012 10:39	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	610	1300	5	EPA SW-846 8270C	07/24/2012 09:59	07/27/2012 10:39	SR
91-20-3	Naphthalene	ND		ug/kg dry	330	1300	5	EPA SW-846 8270C	07/24/2012 09:59	07/27/2012 10:39	SR
85-01-8	Phenanthrene	3800		ug/kg dry	700	1300	5	EPA SW-846 8270C	07/24/2012 09:59	07/27/2012 10:39	SR
129-00-0	Pyrene	2100		ug/kg dry	550	1300	5	EPA SW-846 8270C	07/24/2012 09:59	07/27/2012 10:39	SR

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	92.9		%	0.100	0.100	1	SM 2540G	07/26/2012 13:37	07/26/2012 13:57	JCC

02-05-'13 12:16 FROM- T-284 P0010/0012 F-210

YORK

ANALYTICAL LABORATORIES, INC.

Notes and Definitions

J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.

ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

---

120 RESEARCH DRIVE STRATFORD, CT 06615 (203) 325-1371 FAX (203) 357-0166

02-05-'13 12:17 FROM- T-284 P0011/0012 F-210

YORK
ANALYTICAL LABORATORIES, INC.

120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 1260633

YOUR Information	Report To:	Invoice To:
Company: Taylord Env	Company: Taylord Env	Company: Taylord Env
Address:	Address:	Address:
Phone No:	Phone No:	Phone No:
Contact Person:	Attention:	Attention:
E-Mail Address:	E-Mail Address:	E-Mail Address:

YOUR Project ID
5700 47th Street LIC
57-00 47th Street
Maspeth, NY
Purchase Order No.

Samples from: CT NY X NJ

Turn-Around Time
- RUSH - Same Day
- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- Standard (5-7 Days) X

Report Type
- Summary Report
- Summary w/ QA Summary
- CT RCP Package
- CTRCP DQA/DUE Pkg
- NY ASP A Package
- NY ASP B Package
- NJDEP Red. Delv
- Electronic Data Deliverable(s) (EDD)
- Simple Excel
- NYSDEC EQuIS
- EQuIS (std)
- EZ-EDD (EQuIS)
- NJDEP SRP Haz/Site EDD
- GIS KEY (std)
- Other
- York Regulatory Comparison
- Excel Spreadsheet

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)
Scott Taylor
Name (printed)

Matrix Codes		Volatiles		Semi-Volatiles		Pesticides/PCB	Metals	Misc. Org.	Full Lists	Misc.
S - soil		8260 Full	TICs	8270 or 625		8082 PCB	RCRA8	TPH GRO	Pet Poll	Corrosivity
Other - specify(oil, etc.)		624	Site Spec	STARS list		8081 Pest	PPETS list	TPH DRO	1613 Organics	Reactivity
WW - wastewater		STARS list	Nassau Co	BN Only		8151 Herb	TAL	CT ETPH	TAL Metals	Ignitability
GW - groundwater		BTEX	Suffolk Co	Acids Only		CT RCP	CT 15 list	NY 310-13	Full TCLP	Flash Point
DW - drinking water		MTBE	Ketones	PAH list		App. IX	TAGM list	TPH 1664	Soil/Aq DX	Sieve/Anal
Air-A - ambient air		TCE & 4	Oxygenates	TAGM list		Site Spec	NJDEP list	Air TO14A	Part 360 Metals	Hexavalents
Air-SV - soil vapor		TAGM list	TCLP list	CT RCP list		SPLP/TCLP	Total	Air TO15	Part 360 Pesticides	TOX
		CT RCP list	524.2	TCL list		TCLP Pest	Dissolved	Air NJ AQS	Part 360 Herbicides	TCLP
		Aromatics only	502.2	NJDEP list		TCLP Herb	SPLP/TCLP	Air VPH	Part 360 Volatiles	Aqueous Iron
		Halogens only	NJDEP list	App IX		Cadmium	Iron, Mn, Na	Air TICs	NJ DEP Semi-Vol	TOC
		App IX list	SPLP/TCLP	TCLP HSL		608 Pest	BNA Metals	Methane	NYSDEC Semi-Vol	Asbestos
		8021B list		SPLP/TCLP		608 PCB		Hydrogen	TAGM	Silica

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
Monitoring well	7/19/12	GW	8260/8270 CP-51 compounds only	(2)40 1 L
Monitoring well @ 11'	7/19/12	S	✓ ✓	(1)4 oz (1)2 oz

Comments
CP-51 compounds only

Preservation
Check those Applicable
Special Instructions
Field Filtered
Lab to Filter

4°C Frozen HCl MeOH HNO3 H2SO4 NaOH
Zn Ac Ascorbic Acid Other

Samples Relinquished By: Date/Time: 7/20/12
Samples Relinquished By: Date/Time:

Samples Received By: Chris C Date/Time: 7-20-12 9:20
Samples Received in LAB by: Grace Date/Time: 7-20-12 1530

Temperature on Receipt: 4.3 °C

02-05-'13 12:17 FROM-
T-284 P0012/0012 F-210

APPENDIX F

RESUMES OF ENVIRONMENTAL PROFESSIONALS

REBEKAH DIEHL

SENIOR STAFF SCIENTIST

SITE REMEDIATION/ENVIRONMENTAL SPECIALIST

Ms. Diehl is a Senior Staff Scientist in the Site Remediation/Hazardous Waste Group with 7 years of experience. She has attained various skills while working predominantly under New Jersey Department of Environmental Protection (NJDEP) and New York State Department of Environmental Conservation (NYSDEC) regulations.

Ms. Diehl has conducted various environmental investigations for various contaminant categories and in in various remedial phases. This has included: chlorinated solvents; petroleum products; metals; pesticides/fumigants; and polychlorinated biphenyls. She specializes in research and field work involving soil, groundwater, sediment, potable water, DNAPL/LNAPL, and vapor intrusion related sampling.

Ms. Diehl has prepared various remedial documents that have included: remedial investigation/action reports; background investigation conceptual site models; health and safety plans; scopes of work; information for bidders, quarterly monitoring reports, preliminary assessment/site investigation reports, ASTM E1527-13 Phase I environmental site assessment reports, and quality assurance project plans. She has also created geographic information system (GIS) shapefiles for deed notices, remedial investigations, and classification exemption areas in accordance with the NJDEP. Ms. Diehl has a strong understanding of NJDEP technical requirements and guidance documents

SELECTED PROJECTS

Mahwah Public Housing, Mahwah, NJ - Completed Phase I ESA to ASTM E1527-13 standards including site walk, OPRA request submittal and review, along with writing report.

Ramsey Public Housing, Ramsey, NJ - Completed Phase I ESA to ASTM E1527-13 standards including site walk, OPRA request submittal and review, along with writing report.

1755 Amwell Road, Franklin Township, NJ - Completed Phase I ESA to ASTM E1527-05 standard including site walk, OPRA request submittal and review, along with writing report.

2301 Route 27, Franklin Township, NJ - Completed Phase I ESA to ASTM E1527-05 standard including site walk, OPRA request submittal and review, along with writing report.

Victory Boulevard, Staten Island, NY - Site was former industrial site which was slated for sale or development. Completed Phase I ESA to ASTM E1527-13 standards including OPRA request submittal and review and report writing.

EDUCATION

BS, Environmental Studies, East Stroudsburg University of Pennsylvania

PROFESSIONAL REGISTRATION

OSHA 40-Hour Hazardous Waste Operations & Emergency Resp. (HAZWOPER)

NJ, NY, PA Lead Inspector and Risk Assessor

NJ, PA, NYS/ EPA/AHERA Asbestos Inspector

OSHA 10-Hour Construction Safety

Practical Applications in Hydrogeology (4-day), Rutgers University

Introduction to Wetland Identification (1-day), Rutgers University

Underground Storage Tank (UST) Training (1-day), Rutgers University

AFFILIATIONS

Association of Environmental & Engineering Geologists (AEG)

Amboy Road Property, Long Island, NY - Coordinated with geophysical and drilling contractors to perform a site investigation to determine if Phase I ESA findings were significant. Managed drillers and made onsite determinations pertaining to soil, groundwater, and sub-slab sampling locations. Prepared summary letter of site investigation findings.

NC-15/NC-16, Staten Island, NY - Completed Phase I ESA to ASTM E1527-05 Standard including site walk, foil request submittal and review, obtaining deeds, along with writing report.

NC-18, Staten Island, NY - Completed Phase I ESA to ASTM E1527-05 standard including site walk, FOIL request submittal and review, obtaining deeds, along with writing report.

SBE-1A/SBE-1B, Staten Island, NY - Completed Phase I ESA to ASTM E1527-05 standard including site walk, FOIL request submittal and review, obtaining deeds, along with writing report.

851 and 879 Father Capodanno Boulevard, Staten Island, NY - Worked with OER regarding E-Designation on properties and request for redevelopment. Completed Phase I ESAs to ASTM E1527-05 standard including site walk, FOIL request submittal and review, obtaining deeds, along with writing report.

Former Lever Brothers Baltimore Manufacturing Plant, Baltimore, MD Site was former soap manufacturing plant with more than eighty years of industrial development and former manufactured gas plant. Completed Phase I ESA ASTM E1527-13 standard including PIA and FOIA request submittal and review, historical document review, and report writing.

Bordentown Maintenance Facility, Bordentown, NJ - Aided in site characterization and preparation of EO-215 Environmental Assessment Report.

Maintenance Facility, Freehold, NJ - Aided in site characterization and preparation of EO-215 Environmental Assessment Report. Completed emergency asbestos sampling.

Hanover Maintenance Facility, Whippany, NJ - Aided in site characterization and preparation of EO-215 environmental assessment report.

Extra Yard, Wantage, NJ - Aided in site characterization and preparation of EO-215 Environmental Assessment Report.

Former Gasoline Service Station, Maspeth, NY - Site was former gasoline service station prior to redevelopment as an office building. Completed Phase II ESA which included soil sampling.

Various Residential Clients, NJ - Oversaw various residential unregulated heating oil tanks (UHOT) removals. Prepared for removals by applying for local permits, scheduling mark-outs, coordinated with laboratories, and also equipment rental companies. Onsite for various remedial excavations associated with fuel oil releases, completed field screening and associated soil and groundwater sampling with these releases. Completed remedial action and remedial investigation reports for various residential clients which

included scaled maps, appendix preparation, and interpreting laboratory deliverables. Also coordinated with insurance companies pending property owners coverage.

Various Residential Clients, Plymouth Rock Insurance, Harleysville Insurance, and Metlife Insurance, NJ - Performed various residential UHOT related insurance investigations to determine if third party coverage was available for homeowners and also delineated soil contamination. Performed soil boring, temporary well point, monitoring well, and age dating sampling for these investigations.

Murch's Auto Body Newton, NJ - Environmental Scientist for site involving NJDEP site closure of case involving former not properly documented leaded gasoline underground storage tank (UST). Completed state Open Public Record Act (OPRA) review and added summary into report, created site plan and assisted with soil and groundwater sampling on the property.

Fairchild Gas & Auto Service, Morristown, NJ - Field operations for site involving a historical waste oil tank. Site had previously removed but did not properly document the removal of a waste oil UST. Soil boring sampling was implemented on the site to determine if the tank had leaked into the surrounding soil. Created a scaled map of all soil boring locations and assisted with soil screening. Co-authored report with Licensed Site Remediation Professional (LSRP) assistance.

Residential Client, Sandyston, NJ - Environmental scientist/field technician for remedial action involving a No. 2 fuel oil release into basement of residential property. Lead field investigation utilizing soil boring equipment to delineate petroleum impacts. Field screened and oversaw work crew while hand digging petroleum impacted soil. Created scaled maps depicting site excavation and completed remedial action report.

Residential Client, Branchville, NJ - Environmental scientist/field technician for site involving a fuel oil release in garage of property with possible immediate environmental concern (IEC) due to lake in close proximity. Determined no IEC existed onsite or adjacent to property. Oversaw remedial excavation and collected post excavation soil samples. Completed remedial action report along with all associated appendices.

Confidential Client, Washington Township, NJ - Staff scientist for site requiring removal of two (2) regulated USTs. Applied for municipal and NJDEP permits, updated the NJDEP UST facility questionnaire. Completed tank closure report with required appendices and submitted to the NJDEP.

Home Improvement Authority of Bergen County – Dumont Senior Citizen Housing, Dumont, NJ - Created and submitted deed notice GIS shapefile for pesticide soil contamination on property.

Pro Staff Real Estate, Nutley, NJ - Site was former gasoline station which was to be transformed into medical space. Ground penetrating radar (GPR) concluded four (4) tanks onsite, discovered a total of seven (7) tanks during the removal process. Applied for municipal and NJDEP permits, updated the NJDEP UST facility questionnaire. Coordinated for equipment rental and purchase for the removal of the gasoline tanks. Oversaw tank removal, also conducted field screening and sampling (Terracores) following tank removals. Completed scaled map of property, along with tank closure report including appendices with LSRP forms.

Patrician Creative Floors, Garwood, NJ - Environmental Scientist for site involving the removal of petroleum impacted soil associated with UHOT. Remedial activities included the installation of helical piers below the building footing. Oversaw pier installation and verified piers were installed as per engineering plan specifications. Oversaw remedial soil excavation and site restoration; also completed remedial action report with all associated appendix documents.

Hanover Supply Company, East Hanover, NJ - Environmental Scientist/field technician for site involving a former leaded gasoline tank which had been previously improperly remediated. Oversaw soil delineation, determined that the former soil remediation had not removed all impacted soil. Onsite for impacted soil removal and performed soil sampling utilizing Terracore sampling technique. Also onsite during monitoring well installation and site restoration (area of concern was in drainage area and was required to maintain consistent grade).

County Concrete Company, Morristown, NJ - Environmental Scientist for site involving emergency response which entailed an accidental release of diesel fuel following overfilling. Immediately assessed the site, determined where sorbent pans should be placed, field screened soil, and collected soil samples.

FW Speer, Passaic, NJ - Environmental Scientist for site involving former leaded gasoline tank which required deed notice for area in right of way. Obtained and met with client, discussed the establishing of the deed notice with the NJDEP. Created geographic information system (GIS) shapefile for deed notice, notified appropriate agencies (special consideration to affected area being in right of way).

Former Southend Pyramid Gasoline Station, Montclair, NJ - Site was former gasoline and service station, former underground storage tanks had been removed prior to involvement. Sampled onsite monitoring wells via low flow technique and sampled buried drum sludge. Completed receptor evaluation and assisted with completing remedial action report.

Former Britton Transportation, Wayne, NJ - Site was former bulk storage facility for various petroleum products above and below ground, site sold to be repurposed as supply warehouse. Low flow sampled numerous wells on property, pumped out light non-aqueous phase liquid (LNAPL) from three (3) wells on various occasions. Assisted with writing remedial investigation report for site and submitted various OPRA requests for site.

NAES/Pace Analytical, Linden, NJ - Site operating cogeneration plant, collected several samples for bi-annual effluent sampling events for Pace Laboratory whom was contracted as a third party sampler by NAES. Coordinated with laboratory, security, and client to sample for various parameters including hexavalent chromium.

New Jersey Turnpike Authority, Interchange 3, Runnemede, NJ - Site historically contained a leaking heating oil UST, residual LNAPL remained in two (2) monitoring wells. Gauged all monitoring wells on property prior and following supervised vapor enhanced fluid recovery (VEFR) events.

New Jersey Turnpike Authority, Woodbridge, NJ - Site historically ontained a leaking gasoline tank, gauged and sampled various monitoring wells on property.

New Jersey Turnpike Authority, Ocean View Service Area, Ocean View, NJ - Site historically contained various leaking underground gasoline tanks. Sampled monitoring wells onsite on various occasions, oversight for monitoring well repairs, abandonment, and replacement. Prepared and submitted NJDEP GIS shapefile for classification exemption area (CEA) associated with the property.

Martin Shopping Plaza, Fairfield, NJ - Strip mall containing dry cleaner which historically utilized tetrachloroethylene in daily operations and leading to vapor intrusion issues for neighboring tenants. Assisted with indoor air and subslab sampling along with indoor air surveys in various tenant spaces within the strip mall.

Essex County Municipal Airport, Fairfield, NJ - Site currently functioning as airport but was historically an airplane parts manufacturing facility. Sampled various soil borings via Encore sampling method and logged soil, also performed sediment sampling at various locations. Oversight and post excavation sampling and site restoration for removal of an oil water separator UST and historical demolition debris.

Harris Corporation, Route 3 Facility, Clifton, NJ - Site historically was manufacturing military parts involving metal fabrication, over time spills occurred which caused high groundwater chlorinated volatile organic compound (CVOC) contamination. Assisted with passive diffusion bag monitoring well sampling and provided assistance with onsite Tri-Pack filled tower air stripper.

Harris Corporation, River Road Facility, Nutley, NJ - Site historically was manufacturing military parts involving metal fabrication, this site included electroplating with the use of chromium. Completed low flow hexavalent chromium groundwater sampling at various wells following injection treatments.

Haller Testing Laboratories, Plainfield, NJ - Completed due diligence for site which was potentially contributing to public water supply wellfield contamination. Conducted OPRA and Freedom of Information Act (FOIA) requests and reviewed material in order to assist with writing a background investigation conceptual site model report for the site.

Former Ronson Metals, Newark, NJ - Staff scientist for facility which formerly produced metal encased cigarette lighters, site was given deed

notice, however after several years residential properties were built on the deed noticed land. Assisted with soil gas sampling located in temporary points drilled in sidewalk and also assisted with sampling temporary well points. Verified well search for site and also assisted with formatting various tables for report.

Atlantic Hard Chromium, Piscataway, NJ - Staff scientist for former electroplating facility left vacant requiring remedial investigation. Assisted with data tabulation, electronic data disk (EDD) creation and EQuIS data input. Completed well search, site walk, natural heritage database search, sensitive receptor determination, and wetlands mapping associated with the NJDEP ecological evaluation and receptor evaluation.

Fairclough & Sons, Inc., Towaco, NJ - Staff scientist for former site investigation of former petroleum bulk storage facility. Collected and logged soil samples along with sampling various monitoring wells on the property including a positive pressure monitoring well; also collected sediment and surface water samples from nearby stream.

Monroe Township Wells 4 and 5, Monroe Township, NJ - Field lead for an unknown source investigation centered around private potable wells contaminated with tetrachloroethylene and trichloroethylene. Aided in writing background investigation conceptual site model report for site along with additional OPRA reviews on the county and municipal levels and gained local knowledge of former businesses. Created health and safety plan and information for bidder documents, scopes of work, and quality assurance project plan. Coordinated and submitted laboratory bottleware orders, pickups and drop-offs to be within NJDEP hold times. Obtained signed access agreements from various property owners for drilling on private property and sampling potable wells. Coordinated project with various field personnel such as drillers, geophysical personnel, field staff, and state field representative. Sampled groundwater via hydropunch technique, logged soil via Munsel color chart and collected samples via Terracore method. Operated a portable gas chromatographer mass spectrophotometer (GC/MS) in the field which produced live time chlorinated volatile organic compound (CVOC) concentrations. Completed various sections of report when field work was completed.

Municipal Building Groundwater Contamination, Elk Township, NJ - Unknown source investigation centered around the detection of the crop fumigant 1,2,3-trichloropropane (TCP) contaminating potable wells. Aided in the background investigation prior to field work and field preparation. Performed independent field work which included overseeing drilling operations associated with hydropunching at several intervals for an extended period of time in southern New Jersey. Sample collection consisted of a minimum of four (4) intervals down to approximately eighty (80) feet below grade surface (bgs.). Community outreach and investigation discussion with municipality and residents regarding potable well testing and obtaining site access. Sampled various potable wells within contamination known extent (CKE) and just beyond border.

South Black Horse Pike, Monroe Township, NJ - Unknown source investigation centered around private potable wells contaminated with mercury and trichloroethylene. Started background investigation conceptual site model report by submitting and reviewing OPRA requests to municipal, county, and state government. As part of the report, a well search was completed to NJDEP standards. Also requested and reviewed additional reports from private entities such as ERS Record Search and EDR.

TCE Groundwater Contamination, North Haledon, NJ - Unknown source investigation centered around private potable wells contaminated with trichloroethylene. Aided in writing background investigation conceptual site model report for site. Completed additional OPRA reviews on the county and municipal levels and gained local knowledge on suspect sites. As part of the report, a well search was completed to NJDEP standards.

Greenwich Township MUA Well #4 and 6, Greenwich Township, NJ - Unknown source investigation centered around trichloroethylene contamination of two (2) municipal supply wells. Operated a portable field GC/MS which produced live time chlorinated volatile organic compound (CVOC) concentrations. Provided oversight and sampling for Geoprobe hydropunching sampling method. Community outreach and investigation discussion with various residents regarding potable well sampling and site access. Performed various potable well sampling episodes following granted site access.

Wayne Court and Passaic Avenue Groundwater Contamination, North Haledon, NJ - Unknown source investigation centered around private potable wells contaminated with Carbon tetrachloride. Aided in writing background investigation conceptual site model report for site. Completed additional OPRA reviews on the county and municipal levels and gained local knowledge on suspect sites. As part of the report, a well search was completed to NJDEP standards.

MAC Products, Inc., Kearny, NJ - Managed drilling team inside and outside industrial facility during manufacturing off-hours. Sampling and handling DNAPL discovery and determining NJDEP reporting requirements.

Atlantic Cleaners, Manasquan, NJ - Conducted indoor air sampling at site and monitoring well abandonment oversight. Completed soil remedial investigation/action report along with receptor evaluation and all required forms.

Fuel One, Milltown, NJ - Responsible party investigation researched into spills which occurred on the property and determining whom was potentially responsible for the incidents. Completed a potentially responsible party report which included title search, EDR/ERS database review; municipal, county, and state OPRA requests. Following report submittal, followed up with NJDEP comments and resubmitted.

East Elmer Road Groundwater Contamination, Vineland, NJ - Unknown source investigation centered around private potable wells contaminated with mercury (believed to be of agricultural origin) and

trichloroethylene. Started this project from ground up by submitting and reviewing OPRA requests to state, county, and municipality for potable well testing data and information related to potentially responsible parties. Completed a background investigation conceptual site model report which named potentially responsible parties and recommendations for field work. As part of the report, a well search was completed to NJDEP standards. Performed field work which entailed a hydropunch investigation with groundwater sampling.

Bay Avenue BP, Manahawkin, NJ - Responsible party investigation researching into various spills which occurred on the property and determining whom was potentially responsible for incidents. Completed title search, and aided in EDR/ERS database review; municipal, county, and state OPRA requests. Following report submittal, followed up with NJDEP comments and resubmitted.

South East Boulevard Groundwater Contamination, Vineland, NJ - Unknown source investigation centered around private potable wells contaminated with mercury and tetrachloroethylene. Started this project from ground up by submitting and reviewing OPRA requests to state, county, and municipality for potable well testing data and information related to potentially responsible parties. Completed a background investigation conceptual site model report complete with potentially responsible parties and recommendations for field work. As part of the report, a well search was completed to NJDEP standards. Performed field work which entailed a hydropunch investigation with groundwater sampling along with soil sampling and logging via Munsel Color Chart.

Bloomingdale Borough Regional Groundwater Contamination, Bloomingdale, NJ - Unknown source investigation centered around private potable wells contaminated with tetrachloroethylene. Started this project from ground up by submitting and reviewing OPRA requests to state, county, and municipality for potable well testing data and information related to potentially responsible parties. Completed a background investigation conceptual site model report complete with potentially responsible parties and recommendations for field work. As part of the report, a well search was completed to NJDEP standards.

Groundwater Contamination, Villas, NJ - Unknown source investigation centered around private potable wells contaminated with trichloroethylene and tetrachloroethylene. Started this project from ground up by submitting and reviewing OPRA requests to state, county, and municipality for potable well testing data and information related to potentially responsible parties. Completed a background investigation conceptual site model report complete with potentially responsible parties and recommendations for field work.

Groundwater Contamination, Franklin Township, NJ - Unknown source investigation centered around private potable wells contaminated with tetrachloroethylene. Started this project from ground up by submitting and reviewing OPRA requests to state, county, and municipality for potable well testing data and information related to potentially responsible parties. Completed a background investigation conceptual site model report complete with potentially responsible parties and recommendations for field work. As part of the report, a well search was completed to NJDEP standards.

Paramount Express, Paterson, NJ - Conducted low flow and conventional purge groundwater sampling at former industrial site. Completed remedial investigation/action report with all required appendix documents including receptor evaluation complete with ArcGIS generated figures.

Twin Rivers Shopping Plaza, East Windsor, NJ - Coordinated field work with subcontractors, and managed onsite operations during monitoring well installation and GPR utility mark-out. Performed sub-slab soil gas sampling.

Rutgers Newark Alumni Building, Newark, NJ - Assisted in the preparation of waste classification soil analysis analytical parameters. Coordinated with soil disposal facility and contractors for remedial action-soil removal.

LSRP On-Call Contract, Monmouth County, NJ - Worked on three separate LSRP cases for the County. Completed groundwater sampling activities at all three sites. Completed injection oversight and soil sampling activities at one of the properties.

Route 15 & Meadows Road, Lafayette, NJ - Completed initial receptor evaluation report. Oversight and sampling for temporary well point installation into road right-of-way. Coordination and oversight for installation of eight monitoring wells via conventional drill rig and geoprobe rig installation. Two of the monitoring wells were installed within a roadway parking area, coordinated with department of transportation, police, and traffic control. Coordination for sampling 14 onsite monitoring wells.

Camden County Trail, Camden County, NJ - Aided with linear construction project, completed site investigation reports for seven segments of trail. Majority of segments intersect railroad right-of-way. Completed historic research, site reconnaissance, and findings reports for all seven segments.

Jaggers Point Recreational Area, Pittsgrove Township, NJ - Aided in creating information for bidders specification sheet for removal of UST and installation of AST.

Route 287 Dump, Boonton, NJ - Performed PFA/PFOA groundwater and soil sampling. Oversight and sampling of monitoring well and soil boring installations.

Greystone Psychiatric Hospital, Morris Plains, NJ - Prepared preliminary assessment, remedial investigation, and remedial action reports for both campuses. Categorizing and cataloging large quantities of soil, groundwater, sediment, surface water, and toxicological samples into an easily searchable format. Created and submitting several hundred Electronic Data Disks (EDDs). Subcontractor oversight, sampling, and data compilation related to chemical injections.

272 Wagaraw Road, Hawthorne, NJ - Determined third party monitoring well ownership on parcel with no known contamination.

Garden State Parkway Over Passaic River, Clifton/Elmwood Park, NJ
Prepared environmental screening report for 0.8-mile of parkway, bridge, roadway, and right-of-way. Research included researching properties, which had been acquired by the Client prior to roadway construction. Report preparation also included figure creation and thorough site walk. Coordinated and executed sediment sampling beneath Garden State Parkway Bridge. Completed summary report of sediment sample findings.

Route 280 Tire Dump, East Hanover, NJ - Collected low flow purge method groundwater samples from monitoring wells located in uneven forested terrain. Oversight and soil categorizing for test pit installation into landfill. Performed quarterly groundwater sampling. Performed surface water and sediment sample analysis. Additionally, collected samples for benthic macroinvertabrae taxonomy and toxicity study. Completed hazardous waste delineation. Aided in preparing closure reports for former landfill.

Maintenance Yard, Clinton, NJ - Performed environmental site assessment for proposed redevelopment activities. Created workplan from environmental assessment findings. Performed soil investigation and authored findings report.

Auto Spa, Wayne, NJ - Oversight for monitoring well installation, also performed groundwater sampling. Oversaw and directed drilling and in-situ injections. Completed Remedial Action Report and authored Response Action Outcome for property.

Richmond Terrace, Staten Island, NY - Staff scientist for community air monitoring program (CAMP) involving an asbestos test pit investigation. Monitored and recorded readings from photoionization detectors (PID), noise detecting instruments, and dust monitoring equipment.

Ashokan High Point Reservoir, Shokan, NY - Completed initial project EHS profile, risk assessment report, and site reconnaissance for a proposed new building.

East River, New York, NY - Site experienced various historical dielectric fuel spills from transformers (some incidents involving poly chlorinated biphenyls), assisted with closing out various spills with the New York Department of Conservation (DEC). Also assisted with tabulating data from years of enhanced fluid recovery (ERF) events and assisted in preparing quarterly DEC reports detailing LNAPL levels.

Macbeth Plant, Newburgh, NY - Site historically manufactured color densitometers and various paint related products for years prior to EPA regulations. Assisted with annual indoor air and subslab sampling at the property.

Caddell Dry Dock, Long Island, NY - Performed research pertaining to discharge to surface water NYDEC permitting guidelines. Finalized low level mercury sampling plan which was approved by NYDEC. Decontaminated equipment and performed clean hands/dirty hands sampling technique for several sampling episodes. Prepared finding reports for each sampling episode.

829 Father Capodanno Boulevard, Staten Island, NY - Worked with OER regarding E-Designation on properties and request for redevelopment. Completed Remedial Action Workplan (RAWP) which included Community Air Monitoring Program (CAMP). During construction activities implemented camp, ensured RAWP and OER compliance, and completed daily reports for OER review.

W.A.T.E.R. Project, Waterbury, CT - Oversight, sampling, and subcontractor coordination for project involving earthwork in suspected soil contaminated area. Samples collected in order to determine worker protection level for pending road construction.

Pequonnock River Trail, Bridgeport, CT - Oversight, sampling, and subcontractor coordination for project involving earthwork in suspected soil contaminated area. Samples collected in order to determine worker protection level for pending sidewalk installation and revitalization.

Childcare Facility Lead Paint Inspection, Philadelphia, PA - Completed lead inspection at current and proposed childcare facilities. Lead inspection components included XRF analysis and water sample collection.

Adelphia Gateway, Philadelphia, PA - Coordinated, aided in development, and completed regional soil sampling plan along proposed natural gas pipeline installation route through industrial area. Coordinated with PennDOT, utilized ECMS portal, six natural gas pipeline companies, four different municipalities, and three different subcontractors. Completed findings report for the regional soil/groundwater investigation for Federal Energy Regulatory Commission (FERC) review and addressed FERC report comments. Completed additional sediment/soil investigation and wrote detailed report of findings.

Herbology, Grassroots Cannabis, King Of Prussia, PA - Completed Phase II environmental site assessment indoors and outside of former auto mechanic shop.

Robert (Rory) S. Johnston, PE, BCEE

Principal / Vice President
Environmental & Geotechnical Engineering

30 years in the industry

Mr. Johnston's consulting career spans almost 30 years ranging from geotechnical engineering on large industrial projects to environmental investigation and remediation. At Langan a key part of his role is to lead client development in various market sectors, including an emphasis on the oil and gas markets.

Mr. Johnston experience includes all aspects of geotechnical engineering for a wide range of industrial, commercial, private, and government clients. He has been involved in the geotechnical design and construction management of a wide range of infrastructure projects around the nation, major improvements at all NYC airports, baseball stadiums, landfills, refineries, LNG facilities, industrial developments, and more. Mr. Johnson has conducted and directed extensive site investigations, developed geotechnical and environmental solutions, and provided oversight of the implementation of these solutions.

Selected Projects

Shell Western Exploration, Inc.: Bolivar Decommissioning Project, TX
Shell Western Exploration, Inc: Permian Asset Water Evaluation, Pecos, TX
Shell Western Exploration, Inc. Permian Asset Evaluation (300 Well Pads), Pecos, TX
Shell UA Offshore, Inc: Desalinization Study for EOR, Houston, TX
Shell Oil Products, US: Metairie Lubes Plant, Metairie, LA
Calypso LNG Project; Port Everglades, FL
Amerada Hess: Hess Brooklyn Terminal, Brooklyn, NY.
Amerada Hess: Weavers Cove LNG, Weavers Cove, MA
Shell Oil Products, US: Roosevelt Refinery, Roosevelt, UT
Shell Oil Products, US: St. Marys Refinery, St. Marys, WV
Shell Oil Products, US: Elk Refinery, Elk, WV
Shell UA, Inc; Due Diligence for East Resources Acquisition, PA and WV
Conoco/Phillips 66: Bayway Refinery, Linden, NJ
Exxon: Bayway Geotechnical Evaluation, Linden,NJ
Unocal: Manufacturing Site Restoration, PA
Pennzoil Quaker State: Major Well Plugging and Abandonment Program, PA/NY
Hovic/Hovensa Refinery; Christiansted, St. Croix, USVI
Dominion Resources; Cove Point FERC Evaluation
Saudi Aramco: Home Ownership Environmental Site Assessment, South Dhahran, Saudi Arabia
Saudi Aramco: Investigation of Southern Area Oily Pits, Eastern Province, Southern Oil Operations, Saudi Arabia.
Cuyamaca West Landfill Stabilization, Sand Diego, CA
American Airlines Terminal 8 Redevelopment, JFK Airport , New York, NY
American Airlines: LaGuardia Airport Redevelopment, New York, NY

Education

B.A. English Rutgers University

B.Sc. Civil Engineering Rutgers University

M. Sc. Civil Engineering University of California

Professional Registration

Registered Professional Engineer in TX, CA, NJ, NY, PA, KS, and WV.
Registered Geotechnical Engineer, CA

Affiliations

American Concrete Institute

American Society of Civil Engineers

Association of Firms Practicing in Geosciences, Past President

LANGAN

American Airlines: Terminals 8 and 9 Redevelopment, New York, NY
ALCOA Trinidad Smelter: Cap-de-Ville, Trinidad
Bayway Refinery Lagoon, Linden NJ
Bros Superfund Project: Gloucester County/New Jersey.
Camp Pendleton Marine Corp Air Station: Site Remedial Investigation/ Remediation, Camp Pendleton, CA
City of Newark: Albert Steel Drum, Newark NJ
City of Newark: Environmental Services, Newark NJ
Geotechnical Investigations at Baseball Stadium, Staten Island NY
Hanger 10 Project at JFK Airport, New York, NY
Harbor Charlie Pier Rehabilitation, Brooklyn NY
Hudson River Waterfront Park, New York, NY
Jersey City v. Honeywell: Study Area SA6-N Jersey City, NJ
JetBlue Airways: Jet Blue Hangar, Orlando FL
John F. Kennedy Airport: Terminal 4 Redevelopment Project, New York, NY
Kara Homes: Geotechnical & Environmental Services, Aberdeen NJ
Murphy Canyon Business Park, San Diego, CA
New Jersey Schools Construction Corporation: Proposed Elementary and Middle School, Gloucester City, NJ
New York City Water Tunnel Claims Contract, New York, NY
Newark Housing Authority: Environmental Services, Newark NJ
NJ Transit: Long Slip Canal Fill/Tunnel Project, Hoboken, NJ
North Island Naval Air Station: Carrier Home Porting Project, Coronado, CA
PEPCO: Pitman Dam, Pitman, NJ
Port Authority of NY & NJ (Eng. Dept): Call-in Contract, NY/NJ
Port Authority of NY & NJ (Eng. Dept.): BFF and SFF Upgrades Contract JFK-1036, Jamaica NY
Port Authority of NY & NJ (Eng. Dept.): Site Closure Workplans, Jamaica NY
San Clemente Naval Air Station: Utility Project, San Clemente Island, CA
San Ysidro MCA Amphitheater, Otay Mesa, CA
Scripps Ranch Project, San Diego, CA

Publications

Stanin, F.T., Johnston, R.S., "Vapor Intrusion and Property Development - Prudent Actions to Take," Proceedings, 35th Annual Conference on Environmental Law, American Bar Association, Keystone CO, March 9-12, 2006.

Docket No. PAS-L-4778-10. Retained by Steinvurzel Law Group, P.C. *(Expert report).*

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Phase II Environmental Site Investigation

47th Street Site
57-00, 57-05, 57-57, and 58-20 47th Street
Maspeth, Queens, New York

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December 22, 2021
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22 December 2021

Mr. Brett Richer
Prologis, L.P.
Director, Global Environmental and Engineering
Pier 1, Bay 1
San Francisco, CA 94111

Subject: Phase II Environmental Site Investigation
47th Street Site
Maspeth, Queens, New York
Langan Project No. 100965501

Dear Mr. Richer:

Langan Engineering and Environmental Services, Inc. (Langan) is submitting the enclosed *Phase II Environmental Site Investigation (ESI) for the 47th Street Site, Maspeth, Queens, New York*. Our scope of services for this project consisted of a geophysical survey and the collection and analysis of soil and groundwater samples.

We appreciate the opportunity to assist you with this project. If you have questions or need information clarified, please call Mr. Andrew Kerr at 510-333-9051 or Mr. Rory Johnston at (973) 560-4978.

Sincerely,

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Andrew Kerr, P.G. (Calif)
Associate

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Sr. Principal/ Sr. Vice President

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PHASE II ENVIRONMENTAL SITE INVESTIGATION
47th Street Site
57-00, 57-05, 57-57, and 58-20 47th Street
Maspeth, Queens, New York

1.0 INTRODUCTION

This Phase II Environmental Site Investigation (ESI) was performed for the properties located at 57-00, 57-05, 57-57, and 58-20 47th Street in Maspeth, Queens, New York, herein referred to as 'the 47th Street Site'. This Site is 3.8 acres in area and consists of four parcels of land with distinct uses. A site location map is provided as **Figure 1**.

The Site is currently vacant. The 57-00 47th Street parcel consists of a vacant former vehicle maintenance garage building with office space on the eastern end. The 58-20 47th Street parcel adjoins the 57-00 47th parcel and currently is vacant with a recycled concrete aggregate (RCA) surface and no permanent structures. The 57-05 47th Street parcel is developed with a vacant building that was recently used by a vehicle maintenance shop on the eastern end and as office space on the western end. The 57-57 47th Street parcel is developed with a vacant commercial building which was recently used as a delicatessen. The different portions of the Site will be referred to as the 57-00, 58-20, 57-05, and 57-57 parcels, consecutively.

The implemented scope of services included a geophysical survey and the completion of ten exploratory soil borings, eight of which were converted to temporary monitoring wells. Ten soil samples were collected from the ten borings and nine were analyzed. A groundwater sample was collected from each of the eight temporary monitoring wells and all eight were analyzed. Site configuration and sampling locations are included as **Figures 2 and 3.**

This summary report describes the scope of services conducted and the results of the investigation. Background information is presented below.

2.0 BACKGROUND

2.1 Phase I Environmental Site Assessment

Langan conducted a Phase I Environmental Site Assessment (ESA) for the Site in December 2021 (Langan, December 2021). Relevant information from this report is included as **Appendix D.** The

Phase I ESA identified the following Recognized Environmental Conditions (RECs), Historical REC (HREC), and Business Environmental Risks (BERs) in association with the Site:

REC 1 – Historical Site Use

Industrial/commercial operations at the Site date back to the 1800s and include an oil depot with petroleum bulk storage (circa 1914 to 1936), fertilizer/glue manufacturing (circa 1897 to 1914), and vehicle maintenance (circa 1982 to 2006). Various petroleum underground storage tanks (USTs have historically been located on three of the four parcels (UST records were not available for review for 58-20). UST-related leaks have been reported on two of the four parcels (on Parcels 57-00 and 57-57). Although these leaks are closed with the NYSDEC, closure reports were not available from NYSDEC for all of the reported incidents.

More recently, the 57-00 and 58-20 parcels formerly operated as a concrete recycling facility; the facility also accepted other demolition debris (circa 2004 and 2021). Additionally, a concrete laboratory historically operated on the 57-00 parcel (circa 2004 and 2021). Concrete testing laboratories historically have included chlorinated solvents in the operations..

REC 2 – Newtown Creek Superfund

The Newtown Creek is adjacent to the 57-00 and 58-20 parcel western property lines. The creek was added to the USEPA National Priority List in 2010 and remains as such. Former heavy industrial operations in the vicinity of Newtown Creek dating back to the 1800s have impacted the sediments and groundwater in the Creek.. A remedial investigation is currently underway for the Creek. Additionally, a focused feasibility study is currently being prepared regarding a combined sewer outfall long term control plan.

Newtown Creek has the potential to impact on-site soil and groundwater through tidal fluctuations and sediment deposition along the bank of the Creek.

REC 3 – On-Site Storm Water Vault & Oil/Water Separator

The geophysical survey associated with a Phase II Environmental Site Investigation prepared by Langan and dated July 2021 (the Langan July 2021 Phase II ESI) identified a potential oil/water separator and piping suggesting that the trench drains discharged to an on-site storm water vault on the southwestern end of the 57-00 parcel. Concrete slabs cover the storm water vault and

piping, therefore the presence of both the discharge piping and the vault could not a be field verified during the site reconnaissance.

REC 4 – Methyl Tert-Butyl Ether (MTBE) in Groundwater

During the Langan July 2021 Phase II ESI, methyl tert-butyl ether (MTBE) was detected in a groundwater sample collected from the northeastern corner of Parcel 57-05. MTBE is a gasoline additive (used since the 1980s) to aid in increasing octane and oxygen levels in gasoline to lower pollution emissions.

HREC 1- Closed Petroleum Spills

The Site has six NYSDEC reported spills which were all administratively closed. A summary of information provided in the Spills section of the EDR report is included below:

- NYSDEC Spill No. 94-11004 was reported November 17, 1994 due to the release of an unknown volume of gasoline. The spill was administratively closed on November 17, 1994. This incident occurred at the 57-00 parcel.
- NYSDEC Spill No. 97-09690 was reported November 20, 1997 after the release of an unknown volume of diesel fuel on soil. No further information regarding the spill was provided. The spill was administratively closed on January 8, 1998. This incident occurred at the 57-00 parcel.
- NYSDEC Spill No. 98-12248 was reported on January 4, 1999 after petroleum impacted soil was identified during the removal of a UST. Petroleum impacted soil was removed and endpoint samples were collected. The spill was remediated to NYSDEC satisfaction and was administratively closed on July 12, 2006. The incident occurred at the 57-57 parcel while under the Boro Lumber Company occupancy.
- NYSDEC Spill No. 07-09978 was reported after a UST failed a tank tightness test on December 18, 2007. The tank lines were re-tested and it was determined that the vent line failed due to a loose fitting. According to a NYSDEC obtained report, evidence of petroleum impacts to the subsurface were not identified by Larry E. Tyree Co., Inc. (the contracted environmental services provider of the Site occupant). The spill was administratively closed on December 28, 2007 following report submission by Larry E. Tyree Co. This incident occurred at the 57-00 parcel.
- NYSDEC Spill No. 08-08170 was reported October 21, 2008 after the report of an active release of petroleum substances and illegal storage and refueling of vehicles. A limited subsurface investigation was reportedly completed in 2009 that identified petroleum impacts in soils from surface grade to about eight feet below grade surface. About 381.04

tons of petroleum impacted soil was reportedly excavated and disposed of in 2010. Documentation of soil and groundwater samples collected post remediation reportedly confirmed that the spill was remediated to the satisfaction of the NYSDEC. The spill was administratively closed on October 27, 2012. This incident occurred at the 57-00 parcel.

- NYSDEC Spill No. 13-06438 was reported on September 19, 2013 after diesel impacted soil and pea gravel was identified in a tank vault during the removal of a 4,000-gallon UST. A closure report summarizing the remedial work and analytical data was reportedly prepared for NYSDEC. The spill was remediated to the satisfaction of the NYSDEC and the spill was administratively closed February 12, 2014. This incident occurred at the 57-00 parcel.

BER 1- Historic Fill

Previous report submittals contain reported field conditions identifying the presence of fill material on the Site. Field conditions identified historic fill material (i.e. brick, gravel, concrete, and wood) in soil borings completed as part of the Langan July 2021 Phase II ESI. Historic fill was also identified during other previous environmental investigations reviewed for this Phase I ESA. Laboratory results from soil and groundwater samples collected on the Site indicate the presence of typical historic fill constituents (i.e. polycyclic aromatic hydrocarbons [PAHs] and Metals).

Historical topographic maps indicate historic fill was deposited within the region sometime prior to the 1900s. Historical aerials depict a dark fill material spread onto lighter underlying soils on the 57-00 and 58-20 parcels in the early 1950s. Elevated PAHs and Metals pose a potential BER if future grading is planned, likely requiring a Soil Management Plan (SMP).

BER 2- Trench Drains & Oil/Water Separator

Trench drains were identified within the 57-00 and 57-05 parcel maintenance garage bays.

- Within the 57-00 parcel garage, trench drains were identified running along the northern and southern ends of the building. Metal plate-covered boxes were also identified near the trench drains on the northern and southern ends of the building. The representative for the property owner stated these boxes were associated with receiving liquids from the trench drains, however piping was not identified within these boxes during site reconnaissance. An oil/water separator was also observed near the trench drain along the southern side of the building. According to a geophysical report prepared as part of the Langan July 2021 Phase II ESI, the northern and southern trench drains appear to connect to a nearby storm drain in the southern parking area. This storm drain discharges to the on-site storm water vault.

- A trench drain connected to a slop sink was identified within a garage bay in the northern part of the building on the 57-05 parcel. The discharge location of this trench drain is unknown.

BER 3 - RCA Pile

During Langan's site reconnaissance on November 2, 2021, an approximate 1,000 cubic yard stockpile of recycled concrete aggregate (RCA) was observed on the northeastern portion of the 58-20 parcel. The stockpiled material appears related to the former concrete processing/recycling operations at the Site. The RCA pile is considered a BER since the source and environmental conditions of this material is unknown and it will need to be characterized and removed prior to Site redevelopment.

BER 4 - Administrative Consent Order

In April 2021, the NYSDEC imposed an administrative consent order (ACO) on the property. The ACO was imposed due to a tidal wetlands buffer requirement along Newtown Creek, which is western and adjacent to the 57-00 parcel. The ACO was filed with the property deed, and included provisions that structures cannot be erected on this area of Parcels 57-00 and 58-20. Additionally, a tidal wetland buffer vegetated area must be maintained by current and future occupants.

BER 5 – Asbestos Containing Materials (ACM), Lead-in-Paint and Mold

Asbestos and lead-in paint surveys were completed by Langan at the Site in November 2021, which identified confirmed and/or presumed ACM associated with the on-site buildings. Lead-in-paint was also identified red paint on the metal columns by the shutter doors on Parcel 57-00. A description of the asbestos and lead-in-paint survey results are presented in the *Hazardous Materials Survey Report* dated December 2021.

Langan observed indicators of mold during the Phase I ESA site reconnaissance on November 2, 2021. Potential mold was identified within buildings with damaged roofs on Parcels 57-00 and 57-05.

2.2 Prior Assessments

Phase I Environmental Site Assessment Report- July 21, 2021

Based on information provided by Prologis, a Phase I ESA was prepared by Langan on behalf of a party previously interested in the Site. Below is a summary of the RECs HRECs and de minimis condition identified during the July 21, 2021 Phase I ESA:

Two (2) Recognized Environmental Conditions (RECs) were identified on the Site.

- REC 1- Historical Use of Subject Property
- REC 2- Western-Adjoining Superfund Site (Newtown Creek)

One (1) Historical Recognized Environmental Conditions (HREC) was identified on the Site.

- HREC 1- Closed Spills on the Subject Property

One de minimis condition was identified during the site reconnaissance. The condition consisted of oil like staining identified throughout Lot 6 (Parcel 57-00). De minimis staining was identified in the interior warehouse space, near mechanic pits, in the vicinity of former ASTs, throughout the concrete paved parking area (south, east, and west of the building), beneath a parked excavator. This de minimis staining was also identified on Parcel 57-05 interior space, truck access bays, and exterior concrete paved parking areas. Surficial concrete cracks, joints, or exposed soil were not identified within stained areas.

Phase II Environmental Site Investigation Report- July 26, 2021

Based on information provided by Prologis, a Phase II ESI was prepared by Langan on behalf of a party previously interested in the Site. Below is a summation of the findings from the above referenced report. Relevant information from this report is included as **Appendix D.**

- A geophysical survey was conducted across the Site to clear soil borings/temporary well points; determine locations of underground utilities; and to attempt to identify subsurface anomalies, including those consistent with USTs.
    - 57-00 and 58-20 Parcels: Two UST graves were identified on the southeastern end of the parcel. Various underground utility lines, and drains were identified throughout the

parcels along with associated underground piping. A potential oil/water separator was identified within the southern end of the maintenance garage. The potential oil/water separator appears to be connected to piping leading to a nearby storm water drain which discharged to the on-site storm water vault.

  - 57-05 Parcel: Underground utility lines and underground storm sewer lines were identified throughout the parcel.

  - 57-57 Parcel: A water and sewer underground utility line was identified on this parcel.

- Eleven soil borings were completed on the Site. Four of these borings were converted to temporary groundwater monitoring wells. Soil and/or groundwater samples were collected from each sample location.

- Subsurface observations: Fill material consisting of fine-grained sand with varying amounts of fine gravel, silt, brick, wood, and concrete were identified at depths of four to sixteen feet below grade surface (bgs) on the Site. Petroleum-like odor and staining was identified within three locations (SB01, SB02, and SB04). Impacts were generally identified at or below the groundwater table; however, petroleum-related volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs) were not detected above the Title 6 New York Codes, Rules and Regulations (6NYCRR) Part 375 Commercial Use (CU) and Industrial Use (IU) Soil Cleanup Objectives (SCOs) in the soil samples collected from these borings.

- Soil analytical results identified polycyclic aromatic hydrocarbons (PAHs), arsenic, lead, and mercury greater than their respective CU and IU SCOs.

- Groundwater analytical results identified VOCs, PAHs, and dissolved Metals (antimony, arsenic, iron, lead, magnesium, manganese, and sodium) above the NYSDEC Division of Water Technical and Operation Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values (SGVs) for Class GA water (drinking water).

  - PAHs and Metals (i.e. anthracene, benzo(a)anthracene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chrysene, and ideno(1,2,3-cd)pyrene) were identified in groundwater at concentrations greater than their respective SGV.

  - Petroleum-related VOCs (i.e. 1,2-dichloropropane, isopropylbenzene, n-

propylbenzene) and MTBE were detected in groundwater at concentrations above their respective TOGS SGVs. MTBE was identified groundwater throughout the Site..

3.0 PHASE II EVALUATION

3.1 Scope and Timing

Langan completed the following scope of services:

- Further investigated the presence of potential subsurface utilities, USTs and/or subsurface structures and to clear proposed boring locations.
- Collected ten soil samples from ten exploratory soil borings advanced to a maximum depth of 18 feet bgs; and
- Collected eight groundwater samples from eight temporary wells.

The investigations were completed on 11 and 12 of November 2021. A summary of the analysis performed on soil and groundwater samples is presented in **Table 1** and **Table 2** respectively, and the location of the completed investigation points is shown on **Figures 2** and **3.**

3.2 Field Investigation Methods

The field investigation methods used to complete the Phase II ESI are summarized below. The activities are described in the general order of completion.

3.2.1 Pre-Investigative Tasks

The soil and groundwater sampling was completed after the following pre-investigative tasks:

- Lakewood Environmental Services, Corp. (Lakewood) submitted a New York State One Call ticket prior to the initiation of drilling activities. Utility mark outs were limited to public property (i.e. the street and sidewalk).
- Boreholes were marked out prior to drilling, for the purpose of utility clearance.

3.2.2 Geophysical Survey

Nova Geophysical Engineering Services (Nova) of Queens, New York conducted a geophysical survey on 11 November 2021, prior to the initiation of intrusive drilling activities. The survey was observed by Langan field staff and included the use of a Noggin 250 MHz ground penetrating radar (GPR) and

Radio Detection RD7100 electromagnetic (EM) utility locator. These instruments were utilized to attempt to locate potential subsurface utilities, USTs and/or subsurface structures and to clear proposed boring locations. Borings were relocated as necessary to avoid buried structures. The geophysical report prepared by Nova is included in **Appendix A**, with findings described below:

- 57-00 and 58-20 Parcels: Various underground utility lines, and drains with associated piping were identified throughout the parcels. A potential oil/water separator was identified within the southern end of the maintenance garage. The identified feature had piping connected to a nearby storm water drain, which connects to the on-site storm water vault.

- 57-05 Parcel: Two potential USTs were identified within the northeastern and northwestern portions of the parcel. A potential underground injection control (UIC) unit was also identified on the northern portion of the parcel. Underground utility and storm sewer lines were identified throughout the parcel.

- 57-57 Parcel: Water and sewer underground utility lines were identified on this parcel.

3.2.3 Exploratory Borings and Soil Sampling

The ten exploratory borings were drilled on 11 and 12 November 2021. Borings were advanced by Lakewood using a portable track-mounted Geoprobe 6610 DT direct push drill rig. The boreholes were advanced by hydraulically pushing a 2.0-inch diameter stainless steel sampler containing a 4 to 5-foot-long acetate macrocore sleeve into the subsurface. The boreholes were advanced to a depth between 15 and 18 feet bgs.

Soils were logged based on a modified Burmeister and Unified Soil Classification System (USCS) system. Completed logs for each soil boring are included in **Appendix B**. Soils retrieved from the acetate liners were screened for the presence of VOCs using a photo-ionization detector (PID) with a 10.6 eV bulb and calibrated with 100 parts per million (ppm) isobutylene reference gas. Elevated PID readings (ranging from 97 ppm to >500 ppm) in five of the ten soil borings (LB-4, LB-5, LB-6, LB-9, and LB-10), contained with the highest PID readings detected at or below groundwater.

Samples were collected by removing the soil in the acetate liner from the chosen sample depth and placing the soil into laboratory-provided containers. Sample jars were sealed and stored in a cooler with ice for transport to the analytical laboratory. Ten soil samples were collected at the Site, including:

- Four soil samples from borings on Parcel 57-00 (LB-1 to LB-4) that were analyzed for VOCs, SVOCs, Metals, and polychlorinated biphenyls (PCBs).
- Three soil samples from the interior of the structure on Parcel 57-00 (LB-5, LB-6, and LB 10) that were analyzed for VOCs, SVOCs, Metals, and PCBs.
    - The sample from boring LB-5 was placed on hold at the laboratory for all analyses and not analyzed considering soil boring LB-6 was located closer to the oil/water separator.
- Two soil samples from soil borings LB-7 and LB-8, completed on Parcel 57-05 in the estimated downgradient direction from the previously encountered MTBE area on Parcel 57-05; these samples were analyzed for VOC analysis. The soil sample from the soil boring (LB-9) located adjacent to and in an inferred downgradient from the UIC unit on Parcel 57-05, was also analyzed for VOC and SVOCs.
- One soil sample from soil boring LB-9 completed adjacent to a possible UST detected during the geophysical investigation on Parcel 57-05; the sample was analyzed for VOCs, SVOCs, Metals, and PCBs.

3.2.4 Temporary Well Installation & Groundwater Sampling

Eight borings were converted to temporary monitoring wells by installing 1-inch or 2-inch diameter poly-vinyl chloride (PVC) casing into select soil boreholes. The annular space around the temporary well was filled with No. 2 sand. The temporary well points were purged and groundwater samples were collected from each using dedicated, disposable 1.5-inch and 0.75-inch diameter weighted Teflon bailers and were collected into laboratory-supplied sample jars. Sample jars were secured in laboratory-provided, protective pouches, and stored in a cooler with ice for transport to the analytical laboratory.

The groundwater samples were collected at the Site on 12 November 2021, and analyzed for VOCs, SVOCs, and Metals. Since sample turbidity is generally high from groundwater collected from temporary well points; all groundwater samples were laboratory filtered, and analyzed for total and dissolved Metals. Exceptions included the samples from temporary well points LB-7 and LB-8, which were analyzed for VOCs only, and the sample from temporary well point LB-9, which was analyzed for VOCs and SVOCs.

4.0 RESULTS

4.1 Observed Subsurface Conditions

Subsurface soils consisted of sand, soil, and fill material (i.e. brick, concrete, gravel, and sand); bedrock was not encountered during this ESI. Groundwater was encountered between about 8.5 to 11 feet bgs. Odors, staining, and/or elevated PID readings were identified in soil borings LB-5, LB-6, LB-8, LB 9, and LB-10 at depths ranging from 6 to 18 feet bgs. However, petroleum-related VOCs and SVOCs were not detected above CU and/or IU SCOs in soil samples collected from these borings.

4.2 Soil and Groundwater Quality

Laboratory results are summarize by media in **Tables 1 and 2**, with results above the regulatory criteria depicted in Figures 2 and 3. Evaluation and discussions of the collected data are presented below. The laboratory analytical reports are included for reference in **Appendix C.**

4.2.1 Soil Evaluation

Langan evaluated the soil analytical results relative to 6NYCRR Part 375 CU and IU SCOs. Compounds and Metals exceeding the CU and/or IU SCOs are summarized below. SCOs are listed in parentheses. Exceedances of IU SCOs are in **bold**.

VOCs

VOCs were not detected at concentrations above CU or IU SCOs.

SVOCs – SVOCs were detected in LB-1, LB-2 and LB-3 above the CU and/or IU SCOs as summarized below:

- Benzo(a)pyrene – **4.8 mg/kg** in LB-1; **1.3 mg/kg** in LB-2; **3.6 mg/kg** in LB-3 (CU SCO: 1 mg/kg; IU SCO: 1.1 mg/kg)
- Benzo(b)fluoranthene – 5.7 mg/kg in LB-1 (CU SCO: 5.6 mg/kg; IU SCO: 11 mg/kg)
- Dibenzo(a,h)anthracene – 0.92 mg/kg in LB-1; 0.67 mg/kg in LB-3 (CU SCO: 0.56 mg/kg; IU SCO: 1.1 mg/kg)

PCBs - PCBs were not detected at concentrations above CU and/or IU SCOs.

Metals – Metals were detected in LB-1, LB-2, LB-3, and LB-10 above their respective CU and/or IU SCOs as summarized below:

- Arsenic – **83 mg/kg** in LB-3; **1,900 mg/kg** in LB-10 (CU/IU SCO: 16 mg/kg)
- Barium – 1,400 mg/kg in LB-2 (CU SCO: 400 mg/kg; IU SCO:10,000 mg/kg)
- Copper – 580 mg/kg in LB-2 (CU SCO: 270 mg/kg; IU SCO: 10,000 mg/kg)
- Cyanide – 140 mg/kg in LB-10 (CU SCO: 27 mg/kg; 54 SCO: 10,000 mg/kg
- Lead – 1,800 mg/kg in LB-1 and LB-10 (CU SCO: 1,000 mg/kg)
- Mercury – 3.6 mg/kg in LB-2; **6.5 mg/kg** in LB-10 (CU SCO: 2.8 mg/kg)

4.2.2 Groundwater Evaluation

Langan evaluated the groundwater analytical results relative to the NYSDEC's TOGS SGVs for Class GA (drinking water).

VOCs - VOCs were detected in samples TW-1, TW-8, and TW-9 at concentrations above the NYSDEC TOGS SGVs and are summarized below. SGVs are listed in parentheses:

- Ethylbenzene – 8.6 micrograms per liter (µg/L) in TW-1 (SGV: 5 µg/L)
- Isopropylbenzene – 24 µg/L in TW-9 (SGV: 5 µg/L)
- Toluene – 60 µg/L in TW-8 (SGV: 5 µg/L)

SVOCs - SVOCs were detected in samples TW-1 and TW-2 at concentrations above the NYSDEC TOGS SGVs and are summarized below. SGVs are listed in parentheses:

- Acenaphthene– 53 µg/L in TW-1 (SGV: 20 µg/L)
- Anthracene– 73 µg/L in TW-1 (SGV: 50 µg/L)
- Benzo(a)anthracene – 63 µg/L in TW-1; 6.9 µg/L in TW- 2 (SGV: 0.002 µg/L)
- Benzo(a)pyrene – 43 µg/L in TW-1; 6.2 µg/L in TW-2 (SVG: 0 µg/L)
- Benzo(b)fluoranthene – 44 µg/L in TW-1; 7.3 µg/L in TW-2 (SGV: 0.002 µg/L)
- Benzo(k)fluoranthene – 10 µg/L in TW-1; 2.2 µg/L in TW-2 (SGV: 0.002 µg/L)
- Chrysene – 60 µg/L in TW-1; 5.2 µg/L in TW-2 (SGV: 0.002 µg/L)
- Fluoranthene – 110 µg/L in TW-1 (SGV: 50 µg/L)
- Fluorene – 55 µg/L in TW-1 (SGV: 50 µg/L)
- Indeno(1,2,3-cd)pyrene – 15 µg/L in TW-1; 3.2 µg/L in TW-2 (SGV: 0.002 µg/L)
- Naphthalene – 17 µg/L in TW-1 (SGV: 10 µg/L)
- Phenanthrene – 220 µg/L in TW-1 (SGV: 50 µg/L)

- Pyrene – 170 µg/L in TW-1 (SGV: 50 µg/L)

Total Metals – One or more of the following Metals were detected at concentrations above the NYSDEC TOGS SGVs in the unfiltered groundwater samples across the site:

- Antimony
- Arsenic
- Barium
- Beryllium
- Cadmium
- Chromium
- Copper
- Iron
- Lead
- Magnesium
- Manganese
- Mercury
- Nickel
- Selenium
- Sodium
- Zinc

Dissolved Metals - Dissolved Metals were detected in filtered samples TW-1 through TW-4 and TW-6 at concentrations above the SGVs and are summarized below. SGVs are listed in parenthesis:

- Antimony – 3.3 µg/L in TW-4 to 8.3 µg/L in TW-6 (SGV: 3 µg/L)
- Arsenic – 45 µg/L was detected in in TW-3 (SGV: 3 µg/L)
- Iron – 650 µg/L in TW-1 (SGV: 300 µg/L)
- Manganese – 640 µg/L in TW-2 (SGV: 300 µg/L)
- Sodium – 25,000 µg/L in TW-6 to 310,000 µg/L in TW-4 (SGV: 20,000 µg/L);

5.0 FINDINGS

The following is a summary of Phase ESI II findings:

- Anomalies indicative of an UIC point and two USTs were identified during the geophysical survey on the northern, northeastern, and northwestern portions of Parcel 57-05, respectively. In addition, an OWS, storm and sanitary lines, and a storm water vault were detected on Parcel 57-00.
- Odors, staining, and/or elevated PID readings were identified in soil borings LB-5, LB-6, LB-8, LB-9, and LB-10 at depths ranging from 6 to 18 feet bgs. These observations were generally identified in soils at or below the groundwater table. However, petroleum-related VOCs and SVOCs were not detected above CU and/or IU SCOs in soil samples collected from these borings.

SOIL:

- VOCs were not measured in soil samples at concentrations greater than their respective CU or IU SCOs.
- SVOCs and Metals were detected in soil samples at a concentrations greater than their respective CU and/or IU SCOs.

GROUNDWATER:

- VOCs and SVOCs were detected in Site groundwater at concentrations greater than their respective NYSDEC TOGS SGVs. VOCs and select SVOCs detected above the NYSDEC TOGS SGVs are petroleum-related.
- Ethylbenzene and naphthalene were identified in temporary well point TW-1, installed along the southwestern portion of Parcel 57-00 at concentrations greater than their respective NYSDEC TOGS SGVs.
- Gasoline VOC related constituents MTBE, toluene, and isopropylbenzene were identified in groundwater on Parcel 57-05.
- Barium, beryllium, cadmium, total chromium, copper, lead, magnesium, mercury, nickel, selenium, and zinc were detected in total concentrations above the NYSDEC TOGS SGVs in the unfiltered samples and can be attributed to the suspended solids in the groundwater samples. These results correlate with high field-reported turbidity levels at each of the sample locations.
- Antimony, iron, manganese and sodium were detected at dissolved concentrations in filtered samples. These Metals are naturally-occurring and the detected concentrations are not indicative of groundwater contamination. Arsenic was identified in filtered temporary well sample TW-3 at concentrations exceeding the NYSDEC TOGS SGVs.

TABLES

Table 1
Soil Analytical Results Summary Table
Project # 100965501 - 47th Street Site, Maspeth, NY

Analyte	CAS Number	NYSDEC Part 375 Restricted Use Commercial SCOs	NYSDEC Part 375 Restricted Use Industrial SCOs	Location	LB-1	LB-2	LB-3	LB-4	LB-6	LB-7B-3W	LB-8	LB-9B-2N	LB-10
				Sample Name	LB-1 (7.5-8.0)	LB-2 (10.5-11.0)	LB-3 (6.0-6.5)	LB-4 (1.5-2.0)	LB-6 (16.5-17.0)	LB-7b-3W (8.5-9.0	LB-8 (7.5-8.0)	B-9b-2N (10.0-10.5	LB-10 (6.5-7.0)
				Sample Date	11/11/2021	11/11/2021	11/11/2021	11/11/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021
				Sample Depth	7.5-8	10.5-11	6-6.5	1.5-2	16.5-17	8.5-9	7.5-8	10-10.5	6.5-7
				Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds													
1,1,1-Trichloroethane	71-55-6	500	1000	mg/kg	<0.0026 U	<0.0035 U	<0.003 U	<0.0019 U	<0.091 UD	<0.0016 U	<0.0017 U	<1.3 UD	<2 UD
1,1-Dichloroethane	75-34-3	240	480	mg/kg	<0.0026 U	<0.0035 U	<0.003 U	<0.0019 U	<0.091 UD	<0.0016 U	<0.0017 U	<1.3 UD	<2 UD
1,1-Dichloroethene	75-35-4	500	1000	mg/kg	<0.0026 U	<0.0035 U	<0.003 U	<0.0019 U	<0.091 UD	<0.0016 U	<0.0017 U	<1.3 UD	<2 UD
1,2,4-Trimethylbenzene	95-63-6	190	380	mg/kg	<0.0013 U	<0.0017 U	<0.0015 U	0.0019	<0.091 UD	<0.0008 U	0.19	<1.3 UD	33 D
1,2-Dichlorobenzene	95-50-1	500	1000	mg/kg	<0.0026 U	<0.0035 U	<0.003 U	<0.0019 U	<0.091 UD	<0.0016 U	<0.0017 U	<1.3 UD	<2 UD
1,2-Dichloroethane	107-06-2	30	60	mg/kg	<0.0026 U	<0.0035 U	<0.003 U	<0.0019 U	<0.058 UD	<0.0016 U	<0.0017 U	<0.85 UD	<1.3 UD
1,3,5-Trimethylbenzene (Mesitylen	108-67-8	190	380	mg/kg	<0.0013 U	<0.0017 U	<0.0015 U	<0.00097 U	<0.091 UD	<0.0008 U	0.18	1.8 D	21 D
1,3-Dichlorobenzene	541-73-1	280	560	mg/kg	<0.0026 U	<0.0035 U	<0.003 U	<0.0019 U	<0.091 UD	<0.0016 U	<0.0017 U	<1.3 UD	<2 UD
1,4-Dichlorobenzene	106-46-7	130	250	mg/kg	<0.0026 U	<0.0035 U	<0.003 U	<0.0019 U	<0.091 UD	<0.0016 U	<0.0017 U	<1.3 UD	<2 UD
1,4-Dioxane (P-Dioxane)	123-91-1	130	250	mg/kg	<0.13 U	<0.17 U	<0.15 U	<0.097 U	<4.6 UD	<0.08 U	<0.085 U	<66 UD	<100 UD
Acetone	67-64-1	500	1000	mg/kg	0.038	0.35	0.16	0.06	<0.46 UD	<0.008 U	0.05	17 D	35 D
Benzene	71-43-2	44	89	mg/kg	<0.0013 U	<0.0017 U	<0.0015 U	<0.00097 U	<0.046 UD	<0.0008 U	<0.00085 U	<0.66 UD	<1 UD
Carbon Tetrachloride	56-23-5	22	44	mg/kg	<0.0026 U	<0.0035 U	<0.003 U	<0.0019 U	<0.091 UD	<0.0016 U	<0.0017 U	<1.3 UD	<2 UD
Chlorobenzene	108-90-7	500	1000	mg/kg	<0.0026 U	<0.0035 U	<0.003 U	<0.0019 U	<0.091 UD	<0.0016 U	<0.0017 U	<1.3 UD	<2 UD
Chloroform	67-66-3	350	700	mg/kg	<0.0026 U	<0.0035 U	<0.003 U	<0.0019 U	<0.18 UD	<0.0016 U	<0.0017 U	<2.6 UD	<3.9 UD
Cis-1,2-Dichloroethene	156-59-2	500	1000	mg/kg	<0.0026 U	<0.0035 U	<0.003 U	<0.0019 U	<0.091 UD	<0.0016 U	<0.0017 U	<1.3 UD	<2 UD
Ethylbenzene	100-41-4	390	780	mg/kg	<0.0013 U	<0.0017 U	<0.0015 U	<0.00097 U	<0.091 UD	<0.0008 U	<0.00085 U	2.5 D	14 D
M,P-Xylene	179601-23-1	NS	NS	mg/kg	<0.0016 U	<0.0021 U	<0.0018 U	<0.0012 U	<0.091 UD	<0.00096 U	0.0014	<1.3 UD	75 D
Methyl Ethyl Ketone (2-Butanone)	78-93-3	500	1000	mg/kg	0.0068	0.11	0.012	0.0061	<0.091 UD	<0.0016 U	0.011	<1.3 UD	<2 UD
Methylene Chloride	75-09-2	500	1000	mg/kg	0.0066	0.005	<0.003 U	0.0042	<0.091 UD	<0.0016 U	0.0028	<1.3 UD	<2 UD
n-Butylbenzene	104-51-8	500	1000	mg/kg	<0.0013 U	<0.0017 U	<0.0015 U	<0.00097 U	<0.091 UD	<0.0008 U	0.044	<1.3 UD	13 D
n-Propylbenzene	103-65-1	500	1000	mg/kg	<0.0013 U	<0.0017 U	<0.0015 U	<0.00097 U	<0.091 UD	<0.0008 U	<0.00085 U	1.9 D	11 D
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	mg/kg	<0.0013 U	<0.0017 U	<0.0015 U	<0.00097 U	<0.091 UD	<0.0008 U	0.0011	<1.3 UD	12 D
Sec-Butylbenzene	135-98-8	500	1000	mg/kg	<0.0013 U	<0.0017 U	<0.0015 U	<0.00097 U	<0.091 UD	<0.0008 U	0.08	<1.3 UD	<2 UD
T-Butylbenzene	98-06-6	500	1000	mg/kg	<0.0013 U	0.0062	<0.0015 U	<0.00097 U	<0.091 UD	<0.0008 U	<0.00085 U	<1.3 UD	<2 UD
Tert-Butyl Methyl Ether	1634-04-4	500	1000	mg/kg	<0.0013 U	<0.0017 U	<0.0015 U	<0.00097 U	<0.046 UD	<0.0008 U	<0.00085 U	<0.66 UD	<1 UD
Tetrachloroethene (PCE)	127-18-4	150	300	mg/kg	<0.0026 U	<0.0035 U	<0.003 U	<0.0019 U	<0.091 UD	<0.0016 U	<0.0017 U	<1.3 UD	<2 UD
Toluene	108-88-3	500	1000	mg/kg	<0.0013 U	<0.0017 U	<0.0015 U	<0.00097 U	<0.091 UD	<0.0008 U	0.026	<1.3 UD	<2 UD
Total Xylenes	1330-20-7	500	1000	mg/kg	<0.0013 U	<0.0017 U	<0.0015 U	<0.00097 U	<0.091 UD	<0.0008 U	0.0025	<1.3 UD	87 D
Trans-1,2-Dichloroethene	156-60-5	500	1000	mg/kg	<0.0026 U	<0.0035 U	<0.003 U	<0.0019 U	<0.091 UD	<0.0016 U	<0.0017 U	<1.3 UD	<2 UD
Trichloroethene (TCE)	79-01-6	200	400	mg/kg	<0.0026 U	<0.0035 U	<0.003 U	<0.0019 U	<0.091 UD	<0.0016 U	<0.0017 U	<1.3 UD	<2 UD
Vinyl Chloride	75-01-4	13	27	mg/kg	<0.0026 U	<0.0035 U	<0.003 U	<0.0019 U	<0.091 UD	<0.0016 U	<0.0017 U	<1.3 UD	<2 UD
Semi-Volatile Organic Compounds													
2-Methylphenol (o-Cresol)	95-48-7	500	1000	mg/kg	<0.053 UD	<0.014 U	<0.058 UD	<0.011 U	<0.012 U	NA	NA	<0.011 U	51 D
4-Methylphenol (P-Cresol)	106-44-5	500	1000	mg/kg	<0.054 UD	0.017	0.064 D	<0.011 U	<0.012 U	NA	NA	<0.011 U	180 D
Acenaphthene	83-32-9	500	1000	mg/kg	1.3 D	0.066	0.49 D	0.071	0.16	NA	NA	<0.037 U	15 D
Acenaphthylene	208-96-8	500	1000	mg/kg	1.6 D	<0.048 U	0.21 D	<0.038 U	<0.04 U	NA	NA	<0.037 U	<10 UD
Anthracene	120-12-7	500	1000	mg/kg	2.4 D	0.26	1.4 D	0.13	<0.04 U	NA	NA	<0.037 U	19 D
Benzo(a)anthracene	56-55-3	5.6	11	mg/kg	4.8 D	1.4	4.2 D	0.37	<0.04 U	NA	NA	<0.037 U	<10 UD
Benzo(a)pyrene	50-32-8	**1**	1.1	mg/kg	**4.8 D**	**1.3**	**3.6 D**	0.31	<0.04 U	NA	NA	<0.037 U	<10 UD
Benzo(b)fluoranthene	205-99-2	**5.6**	11	mg/kg	**5.7 D**	1.8	4.8 D	0.42	<0.04 U	NA	NA	<0.037 U	<10 UD
Benzo(g,h,i)Perylene	191-24-2	500	1000	mg/kg	3.1 D	0.94	2.3 D	0.2	<0.04 U	NA	NA	<0.037 U	<10 UD
Benzo(k)fluoranthene	207-08-9	56	110	mg/kg	1.3 D	0.42	1.2 D	0.15	<0.04 U	NA	NA	<0.037 U	<10 UD
Chrysene	218-01-9	56	110	mg/kg	4.3 D	1.2	4.4 D	0.35	<0.04 U	NA	NA	<0.037 U	15 D
Dibenz(a,h)anthracene	53-70-3	**0.56**	1.1	mg/kg	**0.92 D**	0.22	**0.67 D**	0.049	<0.04 U	NA	NA	<0.037 U	<10 UD
Dibenzofuran	132-64-9	350	1000	mg/kg	0.43 D	0.044	0.32 D	0.036	0.023	NA	NA	<0.0093 U	4.8 D
Fluoranthene	206-44-0	500	1000	mg/kg	7.7 D	2.2	8 D	0.77	<0.04 U	NA	NA	<0.037 U	22 D
Fluorene	86-73-7	500	1000	mg/kg	1.1 D	0.062	0.55 D	0.057	<0.04 U	NA	NA	<0.037 U	40 D
Hexachlorobenzene	118-74-1	6	12	mg/kg	<0.19 UD	<0.048 U	<0.2 UD	<0.038 U	<0.04 U	NA	NA	<0.037 U	<10 UD
Indeno(1,2,3-cd)pyrene	193-39-5	5.6	11	mg/kg	2.7 D	0.79	2 D	0.18	<0.04 U	NA	NA	<0.037 U	<10 UD
Naphthalene	91-20-3	500	1000	mg/kg	0.59 D	0.086	0.3 D	0.034	<0.012 U	NA	NA	<0.011 U	140 D
Pentachlorophenol	87-86-5	6.7	55	mg/kg	<0.93 UD	<0.24 U	<1 UD	<0.19 U	<0.2 U	NA	NA	<0.18 U	<52 UD
Phenanthrene	85-01-8	500	1000	mg/kg	9.4 D	1	7.2 D	0.56	<0.04 U	NA	NA	<0.037 U	79 D
Phenol	108-95-2	500	1000	mg/kg	<0.19 UD	<0.048 U	0.23 D	<0.038 U	<0.04 U	NA	NA	<0.037 U	<10 UD
Pyrene	129-00-0	500	1000	mg/kg	10 D	2.2	8.9 D	0.66	0.11	NA	NA	<0.037 U	<10 UD

Table 1
Soil Analytical Results Summary Table
Project # 100965501 - 47th Street Site, Maspeth, NY

Analyte	CAS Number	NYSDEC Part 375 Restricted Use Commercial SCOs	NYSDEC Part 375 Restricted Use Industrial SCOs	Location	LB-1	LB-2	LB-3	LB-4	LB-6	LB-7B-3W	LB-8	LB-9B-2N	LB-10
				Sample Name	LB-1 (7.5-8.0)	LB-2 (10.5-11.0)	LB-3 (6.0-6.5)	LB-4 (1.5-2.0)	LB-6 (16.5-17.0)	LB-7b-3W (8.5-9.0	LB-8 (7.5-8.0)	B-9b-2N (10.0-10.5	LB-10 (6.5-7.0)
				Sample Date	11/11/2021	11/11/2021	11/11/2021	11/11/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021
				Sample Depth	7.5-8	10.5-11	6-6.5	1.5-2	16.5-17	8.5-9	7.5-8	10-10.5	6.5-7
				Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result
Polychlorinated Biphenyl													
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	mg/kg	<0.028 U	<0.036 U	<0.03 U	<0.028 U	<0.03 U	NA	NA	<0.027 U	<0.18 UD
PCB-1221 (Aroclor 1221)	11104-28-2	NS	NS	mg/kg	<0.028 U	<0.036 U	<0.03 U	<0.028 U	<0.03 U	NA	NA	<0.027 U	<0.18 UD
PCB-1232 (Aroclor 1232)	11141-16-5	NS	NS	mg/kg	<0.028 U	<0.036 U	<0.03 U	<0.028 U	<0.03 U	NA	NA	<0.027 U	<0.18 UD
PCB-1242 (Aroclor 1242)	53469-21-9	NS	NS	mg/kg	<0.028 U	<0.036 U	<0.03 U	<0.028 U	<0.03 U	NA	NA	<0.027 U	<0.18 UD
PCB-1248 (Aroclor 1248)	12672-29-6	NS	NS	mg/kg	<0.028 U	<0.036 U	<0.03 U	<0.028 U	<0.03 U	NA	NA	<0.027 U	<0.18 UD
PCB-1254 (Aroclor 1254)	11097-69-1	NS	NS	mg/kg	<0.028 U	<0.036 U	<0.03 U	0.12	<0.03 U	NA	NA	<0.027 U	<0.18 UD
PCB-1260 (Aroclor 1260)	11096-82-5	NS	NS	mg/kg	<0.028 U	<0.036 U	<0.03 U	<0.028 U	<0.03 U	NA	NA	<0.027 U	<0.18 UD
PCB-1262 (Aroclor 1262)	37324-23-5	NS	NS	mg/kg	<0.028 U	<0.036 U	<0.03 U	<0.028 U	<0.03 U	NA	NA	<0.027 U	<0.18 UD
PCB-1268 (Aroclor 1268)	11100-14-4	NS	NS	mg/kg	<0.028 U	<0.036 U	<0.03 U	<0.028 U	<0.03 U	NA	NA	<0.027 U	<0.18 UD
Total PCBs	1336-36-3	1	25	mg/kg	<0.028 U	<0.036 U	<0.03 U	0.12	<0.03 U	NA	NA	<0.027 U	<0.18 UD
Metals													
Arsenic	7440-38-2	**16**	16	mg/kg	5.4	9.3	**83**	4.6	0.95	NA	NA	7.5	**1,900 D**
Barium	7440-39-3	**400**	10000	mg/kg	190	**1,400**	160	90	20	NA	NA	52	30
Beryllium	7440-41-7	590	2700	mg/kg	0.31	1.2	0.27	0.35	<0.24 U	NA	NA	0.42	<0.29 U
Cadmium	7440-43-9	9.3	60	mg/kg	<0.44 U	1.7	<0.49 U	<0.45 U	<0.48 U	NA	NA	<0.44 U	4.7
Chromium, Hexavalent	18540-29-9	400	800	mg/kg	<0.89 U	<1.2 U	<0.98 U	<0.91 U	<0.96 U	NA	NA	<0.88 U	<1.1 U
Chromium, Total	7440-47-3	NS	NS	mg/kg	13	34	11	15	8.9	NA	NA	22	<7.1 U
Chromium, Trivalent	16065-83-1	1500	6800	mg/kg	13	34	11	15	8.9	NA	NA	22	<7.1 U
Copper	7440-50-8	**270**	10000	mg/kg	69	**580**	84	21	8.2	NA	NA	23	140
Cyanide	57-12-5	**27**	10000	mg/kg	0.36	<0.35 U	<0.29 U	0.65	0.36	NA	NA	<0.26 U	**140 D**
Lead	7439-92-1	**1000**	3900	mg/kg	270	**1,800 D**	770	71	<6 U	NA	NA	16	**1,800 D**
Manganese	7439-96-5	10000	10000	mg/kg	240	180	230	200	210	NA	NA	2,000 D	27
Mercury	7439-97-6	**2.8**	5.7	mg/kg	0.98	**3.6**	1.4	0.2	<0.1 U	NA	NA	<0.092 U	**6.5 D**
Nickel	7440-02-0	310	10000	mg/kg	16	43	11	11	9.1	NA	NA	16	<7.1 U
Selenium	7782-49-2	1500	6800	mg/kg	<2.2 U	6.1	7.2	<2.3 U	<2.4 U	NA	NA	<2.2 U	67
Silver	7440-22-4	1500	6800	mg/kg	<0.22 U	0.72	0.78	<0.23 U	<0.24 U	NA	NA	<0.22 U	0.46
Zinc	7440-66-6	10000	10000	mg/kg	210	1,700 D	70	84	20	NA	NA	33	120
General Chemistry													
Oxidation-Reduction Potential	ORP	NS	NS	mV	180	190	-59	-24	60	NA	NA	61	130
Ph	PH	NS	NS	pH UNITS	8.6	7.3	11	12	8	NA	NA	7	4.1
Solids, Percent	SOLID	NS	NS	Percent	90	69	82	88	83	92	93	91	70
Temperature	TEMP	NS	NS	deg C	22	22	22	22	22	NA	NA	22	22

Notes:
CAS - Chemical Abstract Service
NS - No standard
mg/kg - milligram per kilogram
NA - Not analyzed
RL - Reporting limit
<RL - Not detected
Soil sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Restricted Use Commercial, and Restricted Criterion comparisons for 3- & 4-methylphenol (m&p cresol) are provided for reference. Promulgated SCOs are for 3-methylphenol (m-cresol) and 4-methylphenol (p-cresol).

Qualifiers:
D - The concentration reported is a result of a diluted sample.
J - The analyte was detected above the method detection limit (MDL), but below the reporting limit (RL); therefore, the result is an estimated concentration.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the RL; the value shown in the table is the RL.

Exceedance Summary:
10 - Result exceeds Restricted Use Commercial SCOs
10 - Result exceeds Restricted Use Industrial SCOs

Table 2
Groundwater Analytical Results Summary Table
Project # 100965501 - 47th Street Site, Maspeth, NY

Analyte	CAS Number	NYSDEC SGVs	Location	TW-1	TW-1	TW-2	TW-2	TW-3	TW-3	TW-4	TW-4	TW-6	TW-6	TW-7	TW-8	TW-9
			Sample Name	LB-1\TW-1 F	LB-1\TW-1 U	LB-2\TW-2 F	LB-2\TW-2 U	LB-3\TW-3 F	LB-3\TW-3 U	LB-4\TW-4 F	LB-4\TW-4 U	LB-6\TW-6 F	LB-6\TW-6 U	LB-7\TW-7	LB-8\TW-8	LB-9\TW-9
			Sample Date	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																
1,1,1-Trichloroethane	71-55-6	5	ug/l	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5	ug/l	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD
1,1,2-Trichloroethane	79-00-5	1	ug/l	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD
1,1-Dichloroethane	75-34-3	5	ug/l	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD
1,1-Dichloroethene	75-35-4	5	ug/l	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	ug/l	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD
1,2-Dichlorobenzene	95-50-1	3	ug/l	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD
1,2-Dichloroethane	107-06-2	0.6	ug/l	NA	<0.64 U	NA	<0.64 U	NA	<0.64 U	NA	<0.64 U	NA	<0.64 U	<0.64 U	<0.64 U	<6.4 UD
1,2-Dichloropropane	78-87-5	1	ug/l	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD
1,3-Dichlorobenzene	541-73-1	3	ug/l	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD
1,4-Dichlorobenzene	106-46-7	3	ug/l	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD
1,4-Dioxane (P-Dioxane)	123-91-1	NS	ug/l	NA	<50 U	NA	<50 U	NA	<50 U	NA	<50 U	NA	<50 U	<50 U	<50 U	<500 UD
2-Hexanone (MBK)	591-78-6	50	ug/l	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD
Acetone	67-64-1	50	ug/l	NA	<5 U	NA	<5 U	NA	<5 U	NA	<5 U	NA	12	5.3	12	<50 UD
Benzene	71-43-2	1	ug/l	NA	0.95	NA	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	<0.5 U	<0.5 U	<0.5 U	<5 UD
Bromochloromethane	74-97-5	5	ug/l	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD
Bromodichloromethane	75-27-4	50	ug/l	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD
Bromoform	75-25-2	50	ug/l	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD
Bromomethane	74-83-9	5	ug/l	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD
Carbon Disulfide	75-15-0	60	ug/l	NA	1.5	NA	<1 U	NA	<1 U	NA	<1 U	NA	1.5	<1 U	1.6	<10 UD
Carbon Tetrachloride	56-23-5	5	ug/l	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD
Chlorobenzene	108-90-7	5	ug/l	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD
Chloroethane	75-00-3	5	ug/l	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD
Chloroform	67-66-3	7	ug/l	NA	<2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	<2 U	<2 U	<2 U	<20 UD
Chloromethane	74-87-3	5	ug/l	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD
Cis-1,2-Dichloroethene	156-59-2	5	ug/l	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD
Cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD
Cyclohexane	110-82-7	NS	ug/l	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD
Dibromochloromethane	124-48-1	50	ug/l	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD
Dichlorodifluoromethane	75-71-8	5	ug/l	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD
Ethylbenzene	100-41-4	**5**	ug/l	NA	**8.6**	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD
Isopropylbenzene (Cumene)	98-82-8	**5**	ug/l	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	**24 D**
M,P-Xylene	179601-23-1	5	ug/l	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD
Methyl Acetate	79-20-9	NS	ug/l	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD
Methyl Ethyl Ketone (2-Butanone)	78-93-3	50	ug/l	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	1.6	<10 UD
Methyl Isobutyl Ketone (4-Methyl-2-Pentanon	108-10-1	NS	ug/l	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD
Methylcyclohexane	108-87-2	NS	ug/l	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	3	2,900 D
Methylene Chloride	75-09-2	5	ug/l	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD
o-Xylene (1,2-Dimethylbenzene)	95-47-6	5	ug/l	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD
Styrene	100-42-5	5	ug/l	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD
Tert-Butyl Methyl Ether	1634-04-4	10	ug/l	NA	5.9	NA	2.4	NA	4.4	NA	0.55	NA	<0.5 U	1.4	<0.5 U	<5 UD
Tetrachloroethene (PCE)	127-18-4	5	ug/l	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD
Toluene	108-88-3	**5**	ug/l	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	**60**	<10 UD
Total Xylenes	1330-20-7	5	ug/l	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD
Trans-1,2-Dichloroethene	156-60-5	5	ug/l	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD
Trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD
Trichloroethene (TCE)	79-01-6	5	ug/l	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD
Trichlorofluoromethane	75-69-4	5	ug/l	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD
Vinyl Chloride	75-01-4	2	ug/l	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	NA	<1 U	<1 U	<1 U	<10 UD

Table 2
Groundwater Analytical Results Summary Table
Project # 100965501 - 47th Street Site, Maspeth, NY

Analyte	CAS Number	NYSDEC SGVs	Location	TW-1	TW-1	TW-2	TW-2	TW-3	TW-3	TW-4	TW-4	TW-6	TW-6	TW-7	TW-8	TW-9
			Sample Name	LB-1\TW-1 F	LB-1\TW-1 U	LB-2\TW-2 F	LB-2\TW-2 U	LB-3\TW-3 F	LB-3\TW-3 U	LB-4\TW-4 F	LB-4\TW-4 U	LB-6\TW-6 F	LB-6\TW-6 U	LB-7\TW-7	LB-8\TW-8	LB-9\TW-9
			Sample Date	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds																
1,2,4,5-Tetrachlorobenzene	95-94-3	5	ug/l	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U
1,4-Dioxane (P-Dioxane)	123-91-1	NS	ug/l	NA	<0.5 U	NA	<0.56 U	NA	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	NA	<0.56 U
2,3,4,6-Tetrachlorophenol	58-90-2	NS	ug/l	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U
2,4,5-Trichlorophenol	95-95-4	NS	ug/l	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U
2,4,6-Trichlorophenol	88-06-2	NS	ug/l	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U
2,4-Dichlorophenol	120-83-2	1	ug/l	NA	<0.5 U	NA	<0.56 U	NA	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	NA	<0.56 U
2,4-Dimethylphenol	105-67-9	1	ug/l	NA	<0.55 U	NA	<0.61 U	NA	<0.55 U	NA	<0.55 U	NA	<0.55 U	NA	NA	<0.61 U
2,4-Dinitrophenol	51-28-5	1	ug/l	NA	<10 U	NA	<11 U	NA	<10 U	NA	<10 U	NA	<10 U	NA	NA	<11 U
2,4-Dinitrotoluene	121-14-2	5	ug/l	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U
2,6-Dinitrotoluene	606-20-2	5	ug/l	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U
2-Chloronaphthalene	91-58-7	10	ug/l	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U
2-Chlorophenol	95-57-8	NS	ug/l	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U
2-Methylnaphthalene	91-57-6	NS	ug/l	NA	20	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U
2-Methylphenol (o-Cresol)	95-48-7	NS	ug/l	NA	<0.5 U	NA	<0.56 U	NA	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	NA	<0.56 U
2-Nitroaniline	88-74-4	5	ug/l	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U
2-Nitrophenol	88-75-5	NS	ug/l	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U
3,3'-Dichlorobenzidine	91-94-1	5	ug/l	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U
3-Nitroaniline	99-09-2	5	ug/l	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	ug/l	NA	<10 U	NA	<11 U	NA	<10 U	NA	<10 U	NA	<10 U	NA	NA	<11 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	ug/l	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U
4-Chloro-3-Methylphenol	59-50-7	NS	ug/l	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U
4-Chloroaniline	106-47-8	5	ug/l	NA	<0.5 U	NA	<0.56 U	NA	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	NA	<0.56 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	ug/l	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U
4-Methylphenol (P-Cresol)	106-44-5	NS	ug/l	NA	<0.5 U	NA	<0.56 U	NA	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	NA	<0.56 U
4-Nitroaniline	100-01-6	5	ug/l	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U
4-Nitrophenol	100-02-7	NS	ug/l	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U
Acenaphthene	83-32-9	**20**	ug/l	NA	**53**	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	3.5	NA	NA	<2.2 U
Acenaphthylene	208-96-8	NS	ug/l	NA	19	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U
Acetophenone	98-86-2	NS	ug/l	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U
Anthracene	120-12-7	**50**	ug/l	NA	**73**	NA	3	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U
Atrazine	1912-24-9	7.5	ug/l	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U
Benzaldehyde	100-52-7	NS	ug/l	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U
Benzo(a)anthracene	56-55-3	**0.002**	ug/l	NA	**63**	NA	**6.9**	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U
Benzo(a)pyrene	50-32-8	**0**	ug/l	NA	**43**	NA	**6.2**	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U
Benzo(b)fluoranthene	205-99-2	**0.002**	ug/l	NA	**44**	NA	**7.3**	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U
Benzo(g,h,i)Perylene	191-24-2	NS	ug/l	NA	18	NA	4.3	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U
Benzo(k)fluoranthene	207-08-9	**0.002**	ug/l	NA	**10**	NA	**2.2**	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U
Benzyl Butyl Phthalate	85-68-7	50	ug/l	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U
Biphenyl (Diphenyl)	92-52-4	5	ug/l	NA	3.7	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U
Bis(2-chloroethoxy) methane	111-91-1	5	ug/l	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	1	ug/l	NA	<0.5 U	NA	<0.56 U	NA	<0.5 U	NA	<0.5 U	NA	<0.5 U	NA	NA	<0.56 U
Bis(2-chloroisopropyl) ether	108-60-1	5	ug/l	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U
Bis(2-ethylhexyl) phthalate	117-81-7	5	ug/l	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	2.6
Caprolactam	105-60-2	NS	ug/l	NA	<2 U	NA	13	NA	13	NA	<2 U	NA	25	NA	NA	<2.2 U
Carbazole	86-74-8	NS	ug/l	NA	2.6	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U
Chrysene	218-01-9	**0.002**	ug/l	NA	**60**	NA	**5.2**	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U
Dibenz(a,h)anthracene	53-70-3	NS	ug/l	NA	5.5	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U
Dibenzofuran	132-64-9	NS	ug/l	NA	4.8	NA	<0.76 U	NA	<0.68 U	NA	<0.68 U	NA	<0.68 U	NA	NA	<0.76 U
Dibutyl phthalate	84-74-2	50	ug/l	NA	<1.1 U	NA	<1.2 U	NA	<1.1 U	NA	<1.1 U	NA	<1.1 U	NA	NA	<1.2 U
Diethyl phthalate	84-66-2	50	ug/l	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U
Dimethyl phthalate	131-11-3	50	ug/l	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U
Dioctyl phthalate	117-84-0	50	ug/l	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U
Fluoranthene	206-44-0	**50**	ug/l	NA	**110**	NA	12	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U

Table 2
Groundwater Analytical Results Summary Table
Project # 100965501 - 47th Street Site, Maspeth, NY

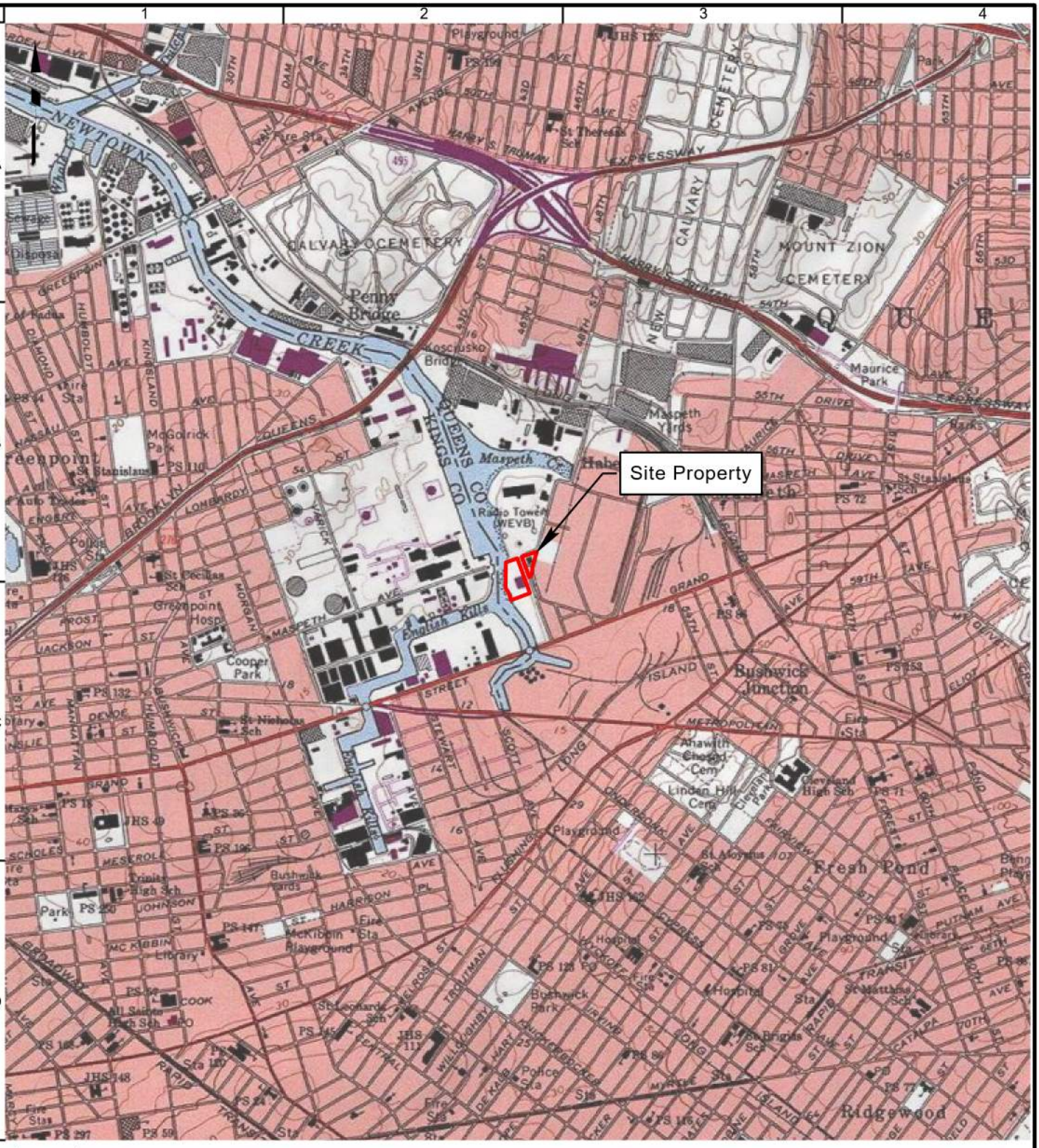
Analyte	CAS Number	NYSDEC SGVs	Location	TW-1	TW-1	TW-2	TW-2	TW-3	TW-3	TW-4	TW-4	TW-6	TW-6	TW-7	TW-8	TW-9
			Sample Name	LB-1\TW-1 F	LB-1\TW-1 U	LB-2\TW-2 F	LB-2\TW-2 U	LB-3\TW-3 F	LB-3\TW-3 U	LB-4\TW-4 F	LB-4\TW-4 U	LB-6\TW-6 F	LB-6\TW-6 U	LB-7\TW-7	LB-8\TW-8	LB-9\TW-9
			Sample Date	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021	11/12/2021
			Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Fluorene	86-73-7	**50**	ug/l	NA	**55**	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U
Hexachlorobenzene	118-74-1	0.04	ug/l	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U
Hexachlorobutadiene	87-68-3	0.5	ug/l	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U
Hexachlorocyclopentadiene	77-47-4	5	ug/l	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U
Hexachloroethane	67-72-1	5	ug/l	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.002**	ug/l	NA	**15**	NA	**3.3**	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U
Isophorone	78-59-1	50	ug/l	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U
Naphthalene	91-20-3	**10**	ug/l	NA	**17**	NA	1.3	NA	<0.5 U	NA	<0.5 U	NA	0.66	NA	NA	1.7
Nitrobenzene	98-95-3	0.4	ug/l	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U
n-Nitrosodi-N-Propylamine	621-64-7	NS	ug/l	NA	<0.64 U	NA	<0.71 U	NA	<0.64 U	NA	<0.64 U	NA	<0.64 U	NA	NA	<0.71 U
n-Nitrosodiphenylamine	86-30-6	50	ug/l	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U
Pentachlorophenol	87-86-5	1	ug/l	NA	<10 U	NA	<11 U	NA	<10 U	NA	<10 U	NA	<10 U	NA	NA	<11 U
Phenanthrene	85-01-8	**50**	ug/l	NA	**220 D**	NA	10	NA	<2 U	NA	<2 U	NA	2	NA	NA	<2.2 U
Phenol	108-95-2	1	ug/l	NA	<2 U	NA	<2.2 U	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U
Pyrene	129-00-0	**50**	ug/l	NA	**170**	NA	13	NA	<2 U	NA	<2 U	NA	<2 U	NA	NA	<2.2 U
Metals																
Aluminum	7429-90-5	NS	ug/l	<200 U	14,000	<200 U	37,000	<200 U	35,000	<200 U	55,000	<200 U	56,000	NA	NA	NA
Antimony	7440-36-0	**3**	ug/l	**5.2**	**7**	**4**	**15**	**5.9**	**22**	**3.3**	**6.3**	**8.3**	**5.5**	NA	NA	NA
Arsenic	7440-38-2	**25**	ug/l	24	**72**	4.2	**81**	**45**	**340**	5.3	**54**	3.3	**26**	NA	NA	NA
Barium	7440-39-3	**1000**	ug/l	<50 U	460	74	1,000	85	**2,300**	58	1,000	<50 U	730	NA	NA	NA
Beryllium	7440-41-7	**3**	ug/l	<1 U	<1 U	<1 U	**4.3 D**	<1 U	<5 UD	<1 U	<4 UD	<1 U	**5.1 D**	NA	NA	NA
Cadmium	7440-43-9	**5**	ug/l	<2 U	2.4	<2 U	**10**	<2 U	2.8	<2 U	<2 U	<2 U	<2 U	NA	NA	NA
Calcium	7440-70-2	NS	ug/l	56,000	92,000	270,000	630,000 D	290,000	1,100,000 D	160,000	780,000 D	76,000	190,000	NA	NA	NA
Chromium, Total	7440-47-3	**50**	ug/l	<50 U	**100**	<50 U	**190**	<50 U	**190**	<50 U	**210**	<50 U	**320**	NA	NA	NA
Cobalt	7440-48-4	NS	ug/l	<2 U	11	2.4	94	<2 U	33	<2 U	33	<2 U	59	NA	NA	NA
Copper	7440-50-8	**200**	ug/l	<50 U	**240**	<50 U	**940 D**	<50 U	**1,300 D**	<50 U	**460 D**	<50 U	100	NA	NA	NA
Iron	7439-89-6	**300**	ug/l	<300 U	**54,000**	**650**	**130,000**	<300 U	**120,000**	<300 U	**140,000**	<300 U	**210,000**	NA	NA	NA
Lead	7439-92-1	**25**	ug/l	<3 U	**420**	<3 U	**4,400 D**	<3 U	**6,600 D**	<3 U	**1,100**	<3 U	**560**	NA	NA	NA
Magnesium	7439-95-4	**35000**	ug/l	9,600	17,000	21,000	**63,000**	<5,000 U	**55,000**	15,000	**46,000**	<5,000 U	24,000	NA	NA	NA
Manganese	7439-96-5	**300**	ug/l	<40 U	**400**	**640**	**2,600**	<40 U	**1,500**	81	**3,600**	<40 U	**4,300**	NA	NA	NA
Mercury	7439-97-6	**0.7**	ug/l	<0.5 U	**1.2**	<0.5 U	**320 D**	<0.5 U	**19**	<0.5 U	**4.5**	<0.5 U	<0.5 U	NA	NA	NA
Nickel	7440-02-0	**100**	ug/l	<50 U	<50 U	<50 U	**150**	<50 U	94	<50 U	89	<50 U	**110**	NA	NA	NA
Potassium	7440-09-7	NS	ug/l	21,000	23,000	18,000	23,000	72,000	79,000	74,000	84,000	14,000	21,000	NA	NA	NA
Selenium	7782-49-2	**10**	ug/l	<10 U	<10 U	<10 U	**15**	<10 U	**28**	<10 U	<10 U	<10 U	**18**	NA	NA	NA
Silver	7440-22-4	50	ug/l	<1 U	<1 U	<1 U	1.9	<1 U	4.4	<1 U	<1 U	<1 U	<1 U	NA	NA	NA
Sodium	7440-23-5	**20000**	ug/l	**93,000**	**94,000**	**95,000**	**100,000**	**160,000**	**160,000**	**310,000**	**310,000**	**25,000**	**27,000**	NA	NA	NA
Thallium	7440-28-0	0.5	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	<2 U	NA	NA	NA
Vanadium	7440-62-2	NS	ug/l	<50 U	<50 U	<50 U	150	<50 U	120	<50 U	160	<50 U	310	NA	NA	NA
Zinc	7440-66-6	**2000**	ug/l	<50 U	830	<50 U	**4,900**	<50 U	840	<50 U	880	<50 U	650	NA	NA	NA

Notes:
CAS - Chemical Abstract Service
NS - No standard
ug/l - microgram per liter
NA - Not analyzed
RL - Reporting limit
<RL - Not detected
Groundwater sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 703.5 and the NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values for Class GA Water (herein collectively referenced as "NYSDEC SGVs").

Qualifiers:
D - The concentration reported is a result of a diluted sample.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the RL; the value shown in the table is the

Exceedance Summary:
10 - Result exceeds NYSDEC SGVs

FIGURES



Legend

Site Property

2,000 0 2,000

SCALE IN FEET

Notes:

1. Basemap adapted from United States Geological Survey (USGS) 7.5-Minute Series Topographical Maps, Brooklyn, New York, Quadrangle, Dated 2019.

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Langan International LLC

Collectively known as Langan

Project

47th Street Site

BLOCK Nos. 2601, 2602, 2603,
LOT Nos. 1, 6, 72, 68

QUEENS NEW YORK

Figure Title

USGS SITE LOCATION MAP

Project No. 100965501	Figure No. 1
Date 11/18/2021	
Scale 1"=2,000'	
Drawn By IHB	
Submission Date	Sheet 1 of 3

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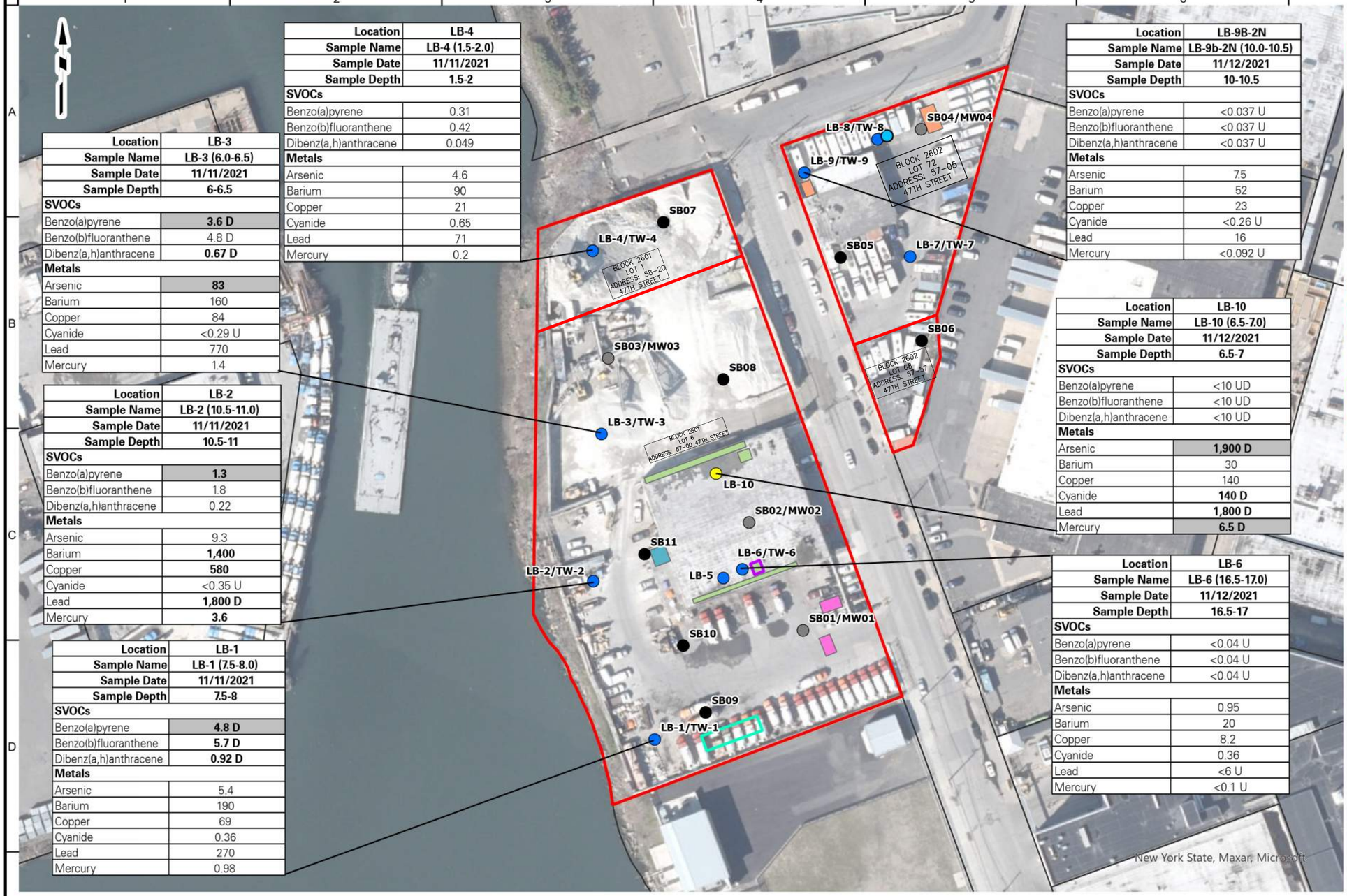

Location	LB-3
Sample Name	LB-3 (6.0-6.5)
Sample Date	11/11/2021
Sample Depth	6-6.5
SVOCs	
Benzo(a)pyrene	**3.6 D**
Benzo(b)fluoranthene	4.8 D
Dibenz(a,h)anthracene	**0.67 D**
Metals	
Arsenic	**83**
Barium	160
Copper	84
Cyanide	<0.29 U
Lead	770
Mercury	1.4

Location	LB-4
Sample Name	LB-4 (1.5-2.0)
Sample Date	11/11/2021
Sample Depth	1.5-2
SVOCs	
Benzo(a)pyrene	0.31
Benzo(b)fluoranthene	0.42
Dibenz(a,h)anthracene	0.049
Metals	
Arsenic	4.6
Barium	90
Copper	21
Cyanide	0.65
Lead	71
Mercury	0.2

Location	LB-9B-2N
Sample Name	LB-9b-2N (10.0-10.5)
Sample Date	11/12/2021
Sample Depth	10-10.5
SVOCs	
Benzo(a)pyrene	<0.037 U
Benzo(b)fluoranthene	<0.037 U
Dibenz(a,h)anthracene	<0.037 U
Metals	
Arsenic	7.5
Barium	52
Copper	23
Cyanide	<0.26 U
Lead	16
Mercury	<0.092 U

Location	LB-10
Sample Name	LB-10 (6.5-7.0)
Sample Date	11/12/2021
Sample Depth	6.5-7
SVOCs	
Benzo(a)pyrene	<10 UD
Benzo(b)fluoranthene	<10 UD
Dibenz(a,h)anthracene	<10 UD
Metals	
Arsenic	**1,900 D**
Barium	30
Copper	140
Cyanide	**140 D**
Lead	**1,800 D**
Mercury	**6.5 D**

Location	LB-2
Sample Name	LB-2 (10.5-11.0)
Sample Date	11/11/2021
Sample Depth	10.5-11
SVOCs	
Benzo(a)pyrene	**1.3**
Benzo(b)fluoranthene	1.8
Dibenz(a,h)anthracene	0.22
Metals	
Arsenic	9.3
Barium	**1,400**
Copper	**580**
Cyanide	<0.35 U
Lead	**1,800 D**
Mercury	**3.6**

Location	LB-6
Sample Name	LB-6 (16.5-17.0)
Sample Date	11/12/2021
Sample Depth	16.5-17
SVOCs	
Benzo(a)pyrene	<0.04 U
Benzo(b)fluoranthene	<0.04 U
Dibenz(a,h)anthracene	<0.04 U
Metals	
Arsenic	0.95
Barium	20
Copper	8.2
Cyanide	0.36
Lead	<6 U
Mercury	<0.1 U

Location	LB-1
Sample Name	LB-1 (7.5-8.0)
Sample Date	11/11/2021
Sample Depth	7.5-8
SVOCs	
Benzo(a)pyrene	**4.8 D**
Benzo(b)fluoranthene	**5.7 D**
Dibenz(a,h)anthracene	**0.92 D**
Metals	
Arsenic	5.4
Barium	190
Copper	69
Cyanide	0.36
Lead	270
Mercury	0.98

Legend

- Subject Property
- Tax Parcels
- Previous Soil Boring Location (July 2021)
- Previous Soil Boring/ Temporary Monitoring Well Location (July 2021)
- Soil Boring Location (November 2021)
- Soil Boring / Temporary Well Point Location (November 2021)
- Potential Underground Injection Control Unit
- Concrete stockpile
- Pits and Sumps
- Stormwater infiltration basins
- AST Room
- Floor Trenches and Pits
- Oil Water Separator
- UST Grave
- Potential UST Location

Exceedance Summary:

10 - Result exceeds Restricted Use Commercial SCOs

10 - Result exceeds Restricted Use Industrial SCOs

Analyte	NYSDEC Part 375 Restricted Use Commercial SCOs	NYSDEC Part 375 Restricted Use Industrial SCOs
SVOCs		
Benzo(a)pyrene	1	1.1
Benzo(b)fluoranthene	5.6	11
Dibenz(a,h)anthracene	0.56	1.1
Metals		
Arsenic	16	16
Barium	400	10000
Copper	270	10000
Cyanide	27	10000
Lead	1000	3900
Mercury	2.8	5.7

NOTES:
1. WORLD IMAGERY BASEMAP PROVIDED THROUGH LANGAN'S SUBSCRIPTION TO ESRI'S ARCGIS SOFTWARE LICENSING.
2. ALL SITE FEATURES ARE APPROXIMATE.

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Project
47th Street Site
BLOCK Nos. 2601, 2602, 2603,
LOT Nos. 1, 6, 72, 68
QUEENS NEW YORK

Figure Title
SOIL SAMPLING LOCATION AND RESULTS PLAN

Project No. 100965501
Date 12/1/2021
Scale 1"=100'
Drawn By IHB
Figure No. 2
Sheet 1 of 1

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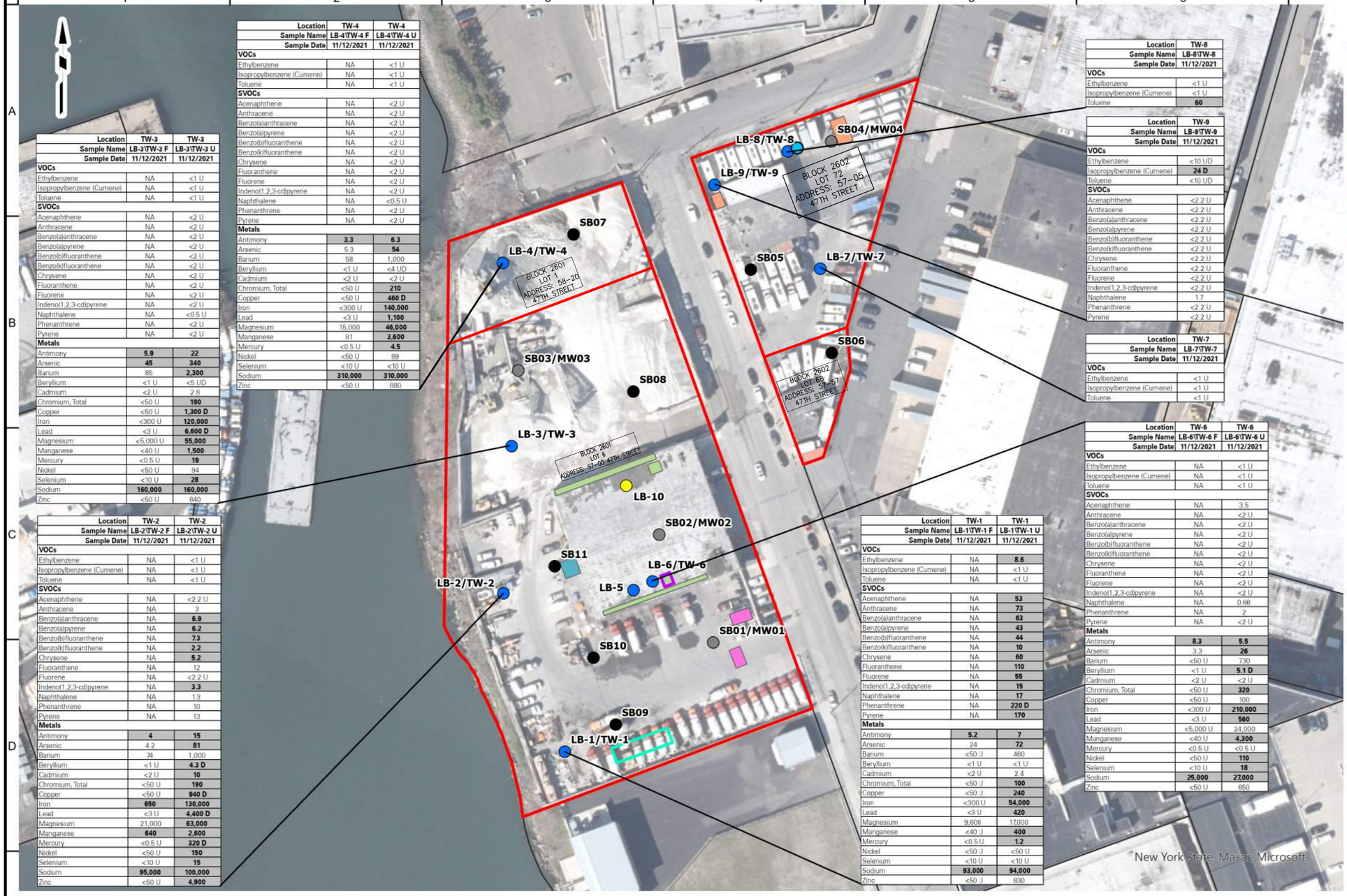

Location	TW-3	TW-3
Sample Name	LB-3\TW-3 F	LB-3\TW-3 U
Sample Date	11/12/2021	11/12/2021
VOCs		
Ethylbenzene	NA	<1 U
Isopropylbenzene (Cumene)	NA	<1 U
Toluene	NA	<1 U
SVOCs		
Acenaphthene	NA	<2 U
Anthracene	NA	<2 U
Benzo(a)anthracene	NA	<2 U
Benzo(a)pyrene	NA	<2 U
Benzo(b)fluoranthene	NA	<2 U
Benzo(k)fluoranthene	NA	<2 U
Chrysene	NA	<2 U
Fluoranthene	NA	<2 U
Fluorene	NA	<2 U
Indeno(1,2,3-cd)pyrene	NA	<2 U
Naphthalene	NA	<0.5 U
Phenanthrene	NA	<2 U
Pyrene	NA	<2 U
Metals		
Antimony	**5.9**	**22**
Arsenic	**45**	**340**
Barium	85	**2,300**
Beryllium	<1 U	<5 UD
Cadmium	<2 U	2.8
Chromium, Total	<50 U	**190**
Copper	<50 U	**1,300 D**
Iron	<300 U	**120,000**
Lead	<3 U	**6,600 D**
Magnesium	<5,000 U	**55,000**
Manganese	<40 U	**1,500**
Mercury	<0.5 U	**19**
Nickel	<50 U	94
Selenium	<10 U	**28**
Sodium	**160,000**	**160,000**
Zinc	<50 U	840

Location	TW-4	TW-4
Sample Name	LB-4\TW-4 F	LB-4\TW-4 U
Sample Date	11/12/2021	11/12/2021
VOCs		
Ethylbenzene	NA	<1 U
Isopropylbenzene (Cumene)	NA	<1 U
Toluene	NA	<1 U
SVOCs		
Acenaphthene	NA	<2 U
Anthracene	NA	<2 U
Benzo(a)anthracene	NA	<2 U
Benzo(a)pyrene	NA	<2 U
Benzo(b)fluoranthene	NA	<2 U
Benzo(k)fluoranthene	NA	<2 U
Chrysene	NA	<2 U
Fluoranthene	NA	<2 U
Fluorene	NA	<2 U
Indeno(1,2,3-cd)pyrene	NA	<2 U
Naphthalene	NA	<0.5 U
Phenanthrene	NA	<2 U
Pyrene	NA	<2 U
Metals		
Antimony	**3.3**	**6.3**
Arsenic	5.3	**54**
Barium	58	1,000
Beryllium	<1 U	<4 UD
Cadmium	<2 U	<2 U
Chromium, Total	<50 U	**210**
Copper	<50 U	**460 D**
Iron	<300 U	**140,000**
Lead	<3 U	**1,100**
Magnesium	15,000	**46,000**
Manganese	81	**3,600**
Mercury	<0.5 U	**4.5**
Nickel	<50 U	89
Selenium	<10 U	<10 U
Sodium	**310,000**	**310,000**
Zinc	<50 U	880

Location	TW-2	TW-2
Sample Name	LB-2\TW-2 F	LB-2\TW-2 U
Sample Date	11/12/2021	11/12/2021
VOCs		
Ethylbenzene	NA	<1 U
Isopropylbenzene (Cumene)	NA	<1 U
Toluene	NA	<1 U
SVOCs		
Acenaphthene	NA	<2.2 U
Anthracene	NA	3
Benzo(a)anthracene	NA	**6.9**
Benzo(a)pyrene	NA	**6.2**
Benzo(b)fluoranthene	NA	**7.3**
Benzo(k)fluoranthene	NA	**2.2**
Chrysene	NA	**5.2**
Fluoranthene	NA	12
Fluorene	NA	<2.2 U
Indeno(1,2,3-cd)pyrene	NA	**3.3**
Naphthalene	NA	1.3
Phenanthrene	NA	10
Pyrene	NA	13
Metals		
Antimony	**4**	**15**
Arsenic	4.2	**81**
Barium	74	1,000
Beryllium	<1 U	**4.3 D**
Cadmium	<2 U	**10**
Chromium, Total	<50 U	**190**
Copper	<50 U	**940 D**
Iron	**650**	**130,000**
Lead	<3 U	**4,400 D**
Magnesium	21,000	**63,000**
Manganese	**640**	**2,600**
Mercury	<0.5 U	**320 D**
Nickel	<50 U	**150**
Selenium	<10 U	**15**
Sodium	**95,000**	**100,000**
Zinc	<50 U	**4,900**

Location	TW-1	TW-1
Sample Name	LB-1\TW-1 F	LB-1\TW-1 U
Sample Date	11/12/2021	11/12/2021
VOCs		
Ethylbenzene	NA	**8.6**
Isopropylbenzene (Cumene)	NA	<1 U
Toluene	NA	<1 U
SVOCs		
Acenaphthene	NA	**53**
Anthracene	NA	**73**
Benzo(a)anthracene	NA	**63**
Benzo(a)pyrene	NA	**43**
Benzo(b)fluoranthene	NA	**44**
Benzo(k)fluoranthene	NA	**10**
Chrysene	NA	**60**
Fluoranthene	NA	**110**
Fluorene	NA	**55**
Indeno(1,2,3-cd)pyrene	NA	**15**
Naphthalene	NA	**17**
Phenanthrene	NA	**220 D**
Pyrene	NA	**170**
Metals		
Antimony	**5.2**	**7**
Arsenic	24	**72**
Barium	<50 J	460
Beryllium	<1 U	<1 U
Cadmium	<2 U	2.4
Chromium, Total	<50 J	**100**
Copper	<50 J	**240**
Iron	<300 U	**54,000**
Lead	<3 U	**420**
Magnesium	9,800	17,000
Manganese	<40 J	**400**
Mercury	<0.5 U	**1.2**
Nickel	<50 J	<50 U
Selenium	<10 U	<10 U
Sodium	**93,000**	**94,000**
Zinc	<50 J	830

Location	TW-8
Sample Name	LB-8\TW-8
Sample Date	11/12/2021
VOCs	
Ethylbenzene	<1 U
Isopropylbenzene (Cumene)	<1 U
Toluene	**60**

Location	TW-9
Sample Name	LB-9\TW-9
Sample Date	11/12/2021
VOCs	
Ethylbenzene	<10 UD
Isopropylbenzene (Cumene)	**24 D**
Toluene	<10 UD
SVOCs	
Acenaphthene	<2.2 U
Anthracene	<2.2 U
Benzo(a)anthracene	<2.2 U
Benzo(a)pyrene	<2.2 U
Benzo(b)fluoranthene	<2.2 U
Benzo(k)fluoranthene	<2.2 U
Chrysene	<2.2 U
Fluoranthene	<2.2 U
Fluorene	<2.2 U
Indeno(1,2,3-cd)pyrene	<2.2 U
Naphthalene	1.7
Phenanthrene	<2.2 U
Pyrene	<2.2 U

Location	TW-7
Sample Name	LB-7\TW-7
Sample Date	11/12/2021
VOCs	
Ethylbenzene	<1 U
Isopropylbenzene (Cumene)	<1 U
Toluene	<1 U

Location	TW-6	TW-6
Sample Name	LB-6\TW-6 F	LB-6\TW-6 U
Sample Date	11/12/2021	11/12/2021
VOCs		
Ethylbenzene	NA	<1 U
Isopropylbenzene (Cumene)	NA	<1 U
Toluene	NA	<1 U
SVOCs		
Acenaphthene	NA	3.5
Anthracene	NA	<2 U
Benzo(a)anthracene	NA	<2 U
Benzo(a)pyrene	NA	<2 U
Benzo(b)fluoranthene	NA	<2 U
Benzo(k)fluoranthene	NA	<2 U
Chrysene	NA	<2 U
Fluoranthene	NA	<2 U
Fluorene	NA	<2 U
Indeno(1,2,3-cd)pyrene	NA	<2 U
Naphthalene	NA	0.66
Phenanthrene	NA	2
Pyrene	NA	<2 U
Metals		
Antimony	**8.3**	**5.5**
Arsenic	3.3	**26**
Barium	<50 U	730
Beryllium	<1 U	**5.1 D**
Cadmium	<2 U	<2 U
Chromium, Total	<50 U	**320**
Copper	<50 U	100
Iron	<300 U	**210,000**
Lead	<3 U	**560**
Magnesium	<5,000 U	24,000
Manganese	<40 U	**4,300**
Mercury	<0.5 U	<0.5 U
Nickel	<50 U	**110**
Selenium	<10 U	**18**
Sodium	**25,000**	**27,000**
Zinc	<50 U	650

Legend

- Subject Property
- Tax Parcels
- Stormwater infiltration basins
- AST Room
- Floor Trenches and Pits
- Oil Water Separator
- UST Grave
- Potential UST Location
- Previous Soil Boring Location (July 2021)
- Previous Soil Boring/ Temporary Monitoring Well Location (July 2021)
- Soil Boring Location (November 2021)
- Soil Boring / Temporary Well Point Location (November 2021)
- Potential Underground Injection Control Unit

Analyte	NYSDEC SGVs
VOCs	
Ethylbenzene	5
Isopropylbenzene (Cumene)	5
Toluene	5
SVOCs	
Acenaphthene	20
Anthracene	50
Benzo(a)anthracene	0.002
Benzo(a)pyrene	0
Benzo(b)fluoranthene	0.002
Benzo(k)fluoranthene	0.002
Chrysene	0.002
Fluoranthene	50
Fluorene	50
Indeno(1,2,3-cd)pyrene	0.002
Naphthalene	10
Phenanthrene	50
Pyrene	50
Metals	
Antimony	3
Arsenic	25
Barium	1000
Beryllium	3
Cadmium	5
Chromium, Total	50
Copper	200
Iron	300
Lead	25
Magnesium	35000
Manganese	300
Mercury	0.7
Nickel	100
Selenium	10
Sodium	20000
Zinc	2000

Exceedance Summary:

10 - Result exceeds NYSDEC SGVs

NOTES:
1. WORLD IMAGERY BASEMAP PROVIDED THROUGH LANGAN'S SUBSCRIPTION TO ESRI'S ARCGIS SOFTWARE LICENSING.
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QUEENS NEW YORK

Figure Title
GROUNDWATER SAMPLING LOCATION AND RESULTS PLAN

Project No. 100965501
Date 12/1/2021
Scale 1"=100'
Drawn By IHB
Figure No. 3
Sheet 1 of 1

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APPENDIX A

Geophysical Report - NOVA

GEOPHYSICAL ENGINEERING SURVEY REPORT

Industrial Properties
58-20 47th Street,
Maspeth, Queens 11378

NOVA PROJECT NUMBER:
21-2455

DATED:
November 16, 2021

PREPARED FOR:

LANGAN

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Parsippany, NJ 07054-2172
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Ph. 347-556-7787 Fax. 718-261-1527
www.novagsi.com

November 16, 2021

Alan Arico
Senior Project Manager
LANGAN
Phone: 973.560.4900 Fax: 973.560.4901
300 Kimball Drive, 4th Floor
Parsippany, NJ 07054-2172
Direct: 973.560.4613
Mobile: 973.524.8124
Email: aarico@langan.com

Re: Geophysical Engineering Survey (GES) Report
Industrial Site
58-20 47th Street,
Maspeth, Queens 11378

Dear Mr. Arico.

Nova Geophysical Services (NOVA) is pleased to provide the findings of the geophysical engineering survey (GES) at the above referenced project site: 58-20 47th Street, Maspeth, Queens 11378 (the "Site").

INTRODUCTION TO GEOPHYSICAL ENGINEERING SURVEY (GES)

NOVA performed a geophysical engineering survey (GES) consisting of a Ground Penetrating Radar (GPR) and Electromagnetic (EM) survey at the site. The purpose of this survey is to locate and identify utilities, underground storage tanks and other substructures on November 9th, 2021. This report and attachments also include findings from a previous survey that was performed at the site on July 7th, 2021.

The equipment selected for this investigation was a Sensors and Software Noggin 250 MHz ground penetrating radar (GPR) with a shielded antenna and a Radio Detection RD7100 Electromagnetic utility locator.

A GPR system consists of a radar control unit, control cable, and transducer (antenna). The control unit transmits a trigger pulse at a normal repetition rate of 250 MHz. The trigger pulse is sent to the transmitter electronics in the transduce via the control cable. The transmitter electronics amplify the trigger pulse into bipolar pulses that are radiated to the surface. The transformed pulses vary in shape and frequency

according to the transducer used. In the subsurface, variations of the signal occur at boundaries where there is a dielectric contrast (void, steel, soil type, etc.). Signal reflections travel back to the control unit and are represented as color graphic images for interpolation.

A typical electromagnetic (EM) utility locating system consists of a transmitter unit and a receiver unit. The receiver unit can be used independently of the transmitter unit to detect utility lines with an inherent EM signature (electric utility lines, water lines, etc.). If needed a current at a specific frequency can also be placed on a utility that is being located. This can be done via the transmitter unit by either direct connection or induction via an EM field varying at specific frequency. The receiver unit is then set to the selected frequency and the electromagnetic field created by the current running through the utility can be located allowing the utility to be marked.

GEOPHYSICAL METHODS

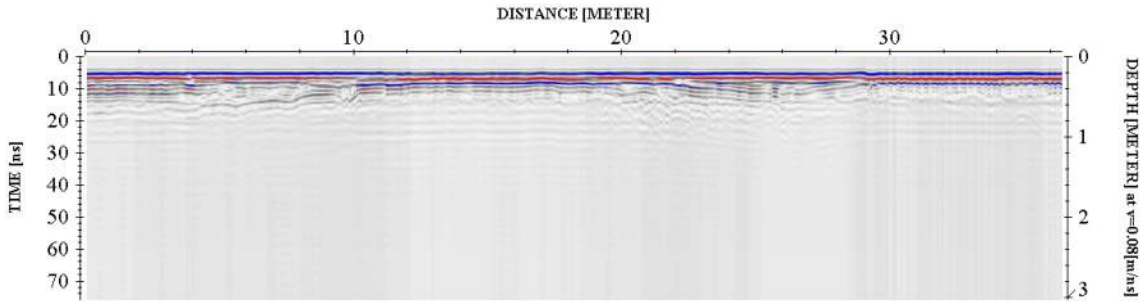
The project site was screened using GPR to search the specified area and inspected for reflections, which could be indicative of substructures and utilities within the subsurface. An EM utility locator was used to help determine the locations of utilities within the survey area.

EM data was collected and interpreted on site and suspected utilities marked as needed. GPR data profiles were collected for the areas of the Site specified by the client and processed as specified below.

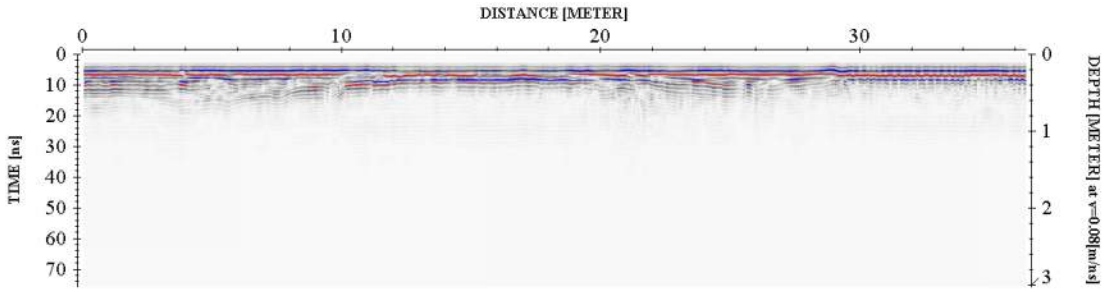
DATA PROCESSING

To improve the quality of the results and to better identify anomalies NOVA processed the collected data. The processing workflow is briefly described in this section.

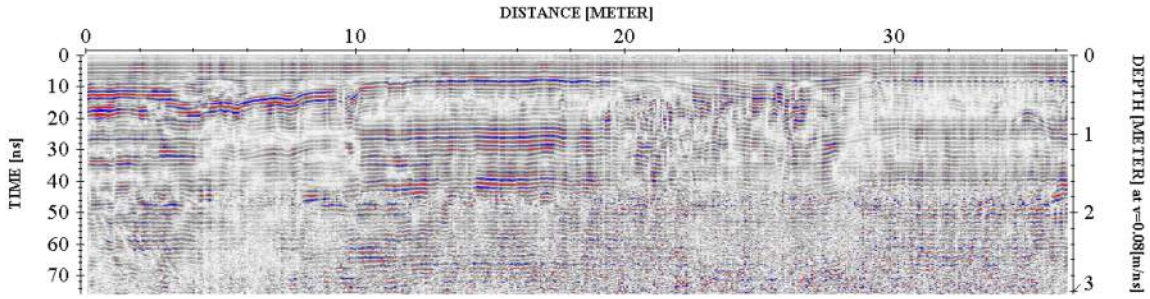
Step 1. Import Raw RAMAC data to standard processing format



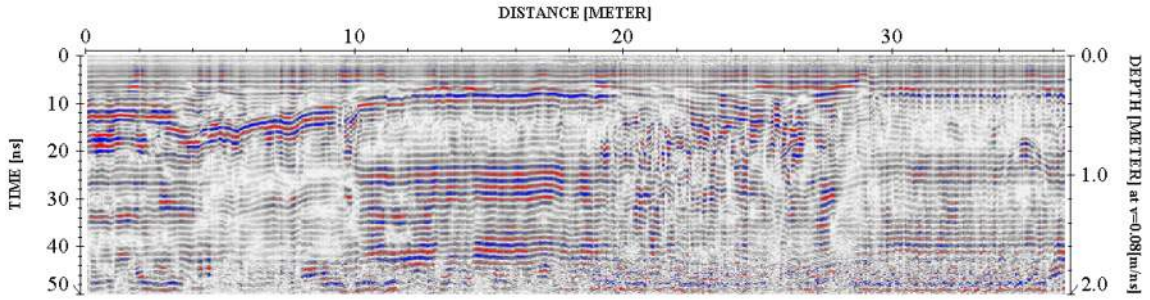
Step 2. Remove instrument noise *(dewow)*



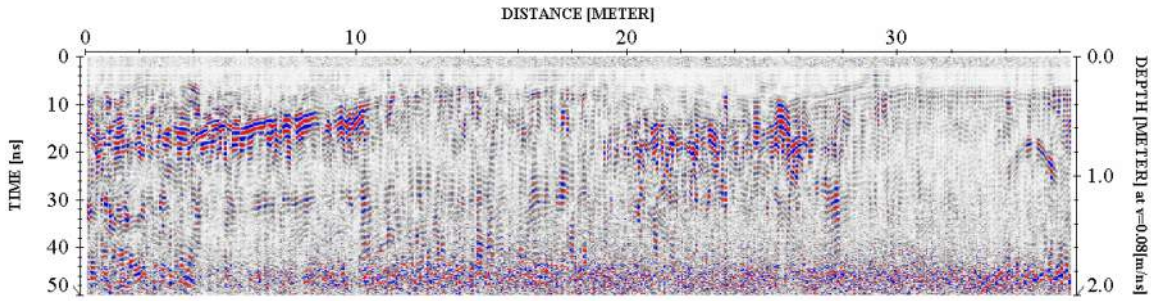
Step 3. Correct for attenuation losses *(energy decay function)*



Step 4. Remove static from bottom of profile *(time cut)*



Step 5. Mute horizontal ringing/noise *(subtracting average)*



The above example shows the significance of data processing. The last image (step 5) has higher resolution than the starting image (raw data – step 1) and represents the subsurface anomalies much more accurately.

PHYSICAL SETTINGS

NOVA observed the following physical conditions at the time of the survey.

Weather: Clear

Temperature: 55° F

Surface: Concrete, Gravel,

Survey Parameters: A GPR grid scan was conducted within the survey areas as shown on the survey plan. The approximate line spacing of the grid survey was approximately 6'. Additional GPR data was collected over features of interest and in the vicinity of proposed boring locations. An EM utility locator was used in conjunction with the GPR throughout the surveyed areas.

Limitations: The geophysical noise level at the site was high due to being in an urban environment, reinforced concrete within the surveyed areas and the presence of gravel.

RESULTS

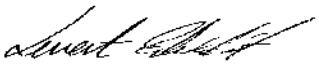
The results of the geophysical engineering survey (GES) identified the following at the project site:

- Anomalies resembling potential subsurface utilities (such as sewer, water, electric, drainage, telecom, and gas) along with related structures (such as an oil water separator and drains) were identified during the GES. The approximate locations are shown in the survey plan.
- NOVA identified a suspected aboveground storage tank (AST) vault (AST removed prior to GES). A second AST was also identified within the survey area. Two additional sets of vent pipe and fill port were identified and are suspected to be related to two previously removed ASTs. Shown in the survey plan.
- Two large geophysical anomalies resembling potential underground storage tank (UST) graves along with associated lines were identified. Two more large geophysical anomalies resembling potential existing USTs were also identified. Shown in the survey plan.
- All cleared boring locations are shown in the survey plan.

If you have any questions, please do not hesitate to contact the undersigned.

Sincerely,

NOVA Geophysical Services



Levent Eskicakit, P.G., E.P.

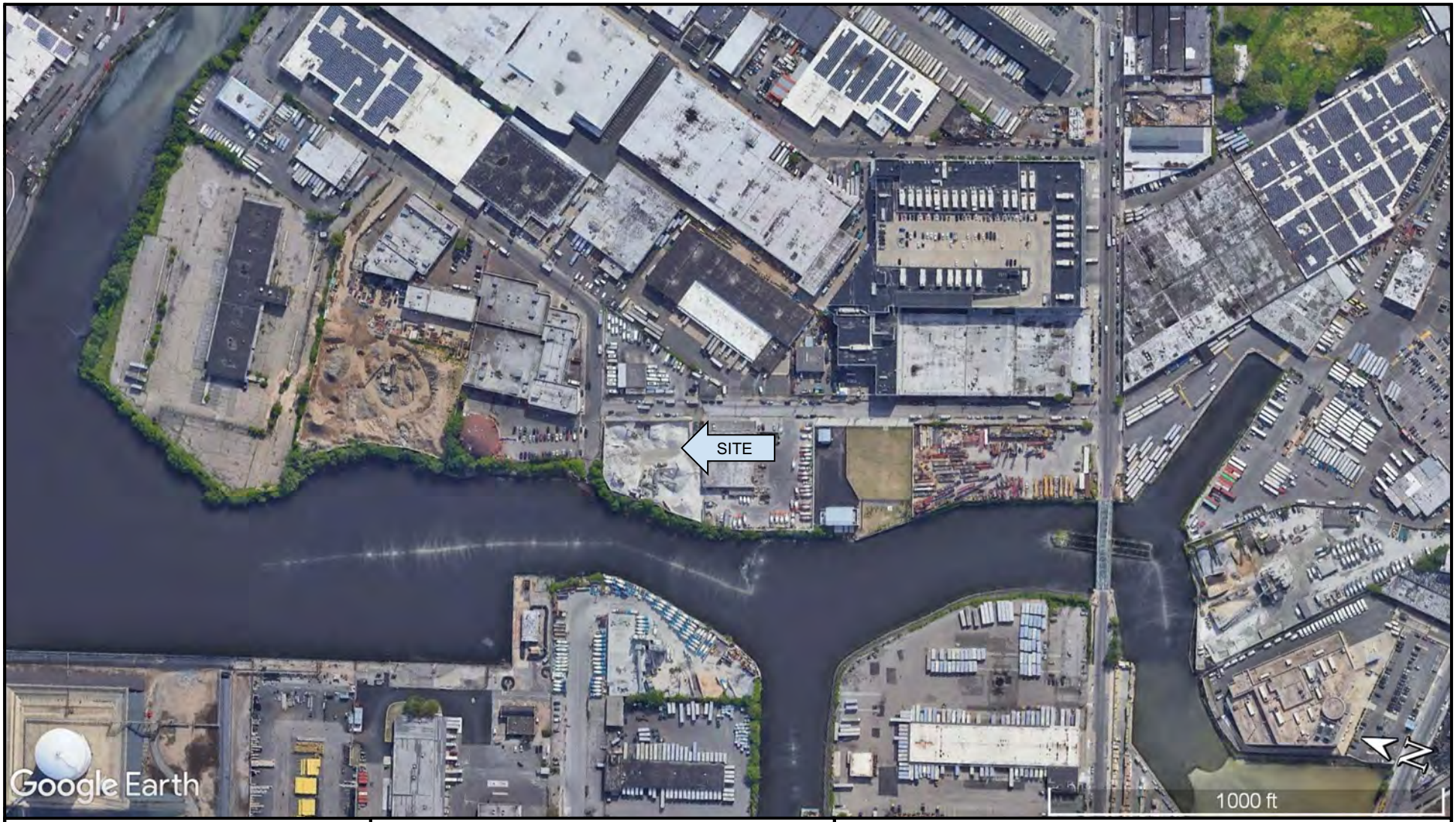
Project Engineer

Attachments:

Location Map

Survey Plan

Geophysical Images



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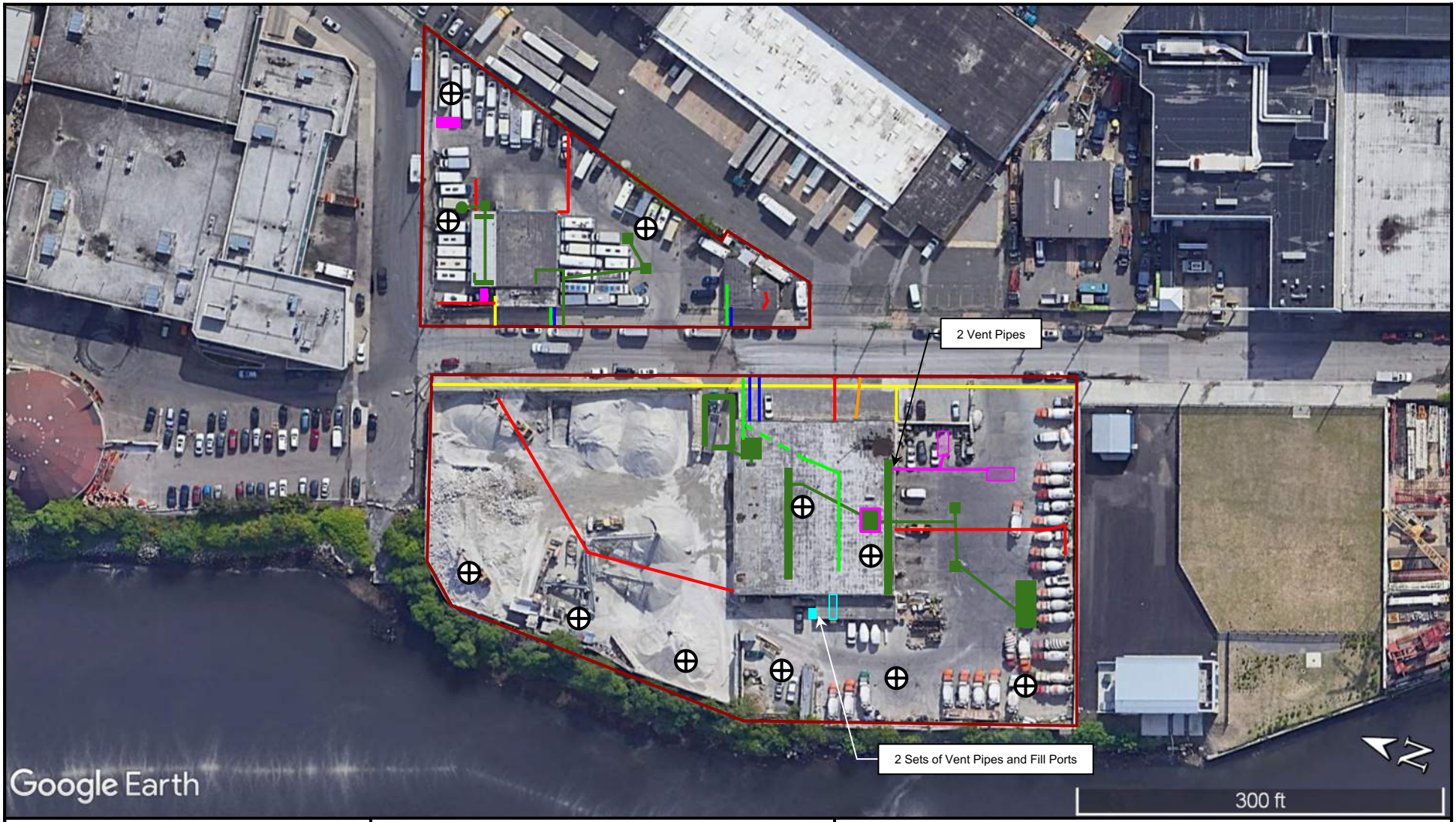
LOCATION MAP

SITE:	**Industrial Site** 58-20 47th Street , Maspeth, New York 11238
CLIENT:	Langan
DATE:	November 11th, 2021
AUTH:	Chris Steinley

LEGEND



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SURVEY PLAN

SITE:	**Industrial Site** 58-20 47th Street , Maspeth, New York 11238
CLIENT:	Langan
DATE:	November 11th, 2021
AUTH:	Chris Steinley

LEGEND

- Survey Area
- Sewer
- Water
- Gas
- Electric
- Telecom
- Oil-Water Separator
- Drainage Structure
- UST Grave
- AST Vault
- AST
- Drain
- UST Existing
- Boring

GEOPHYSICAL IMAGES

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November 11th, 2021

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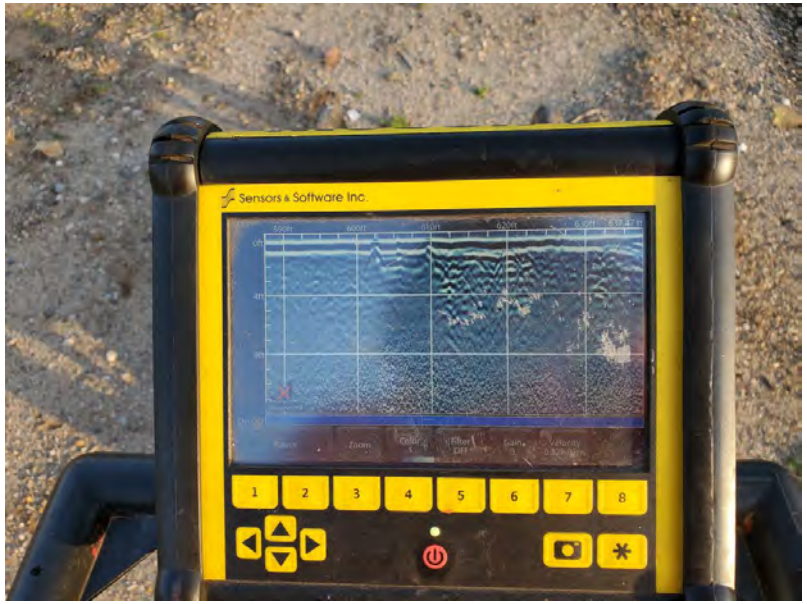

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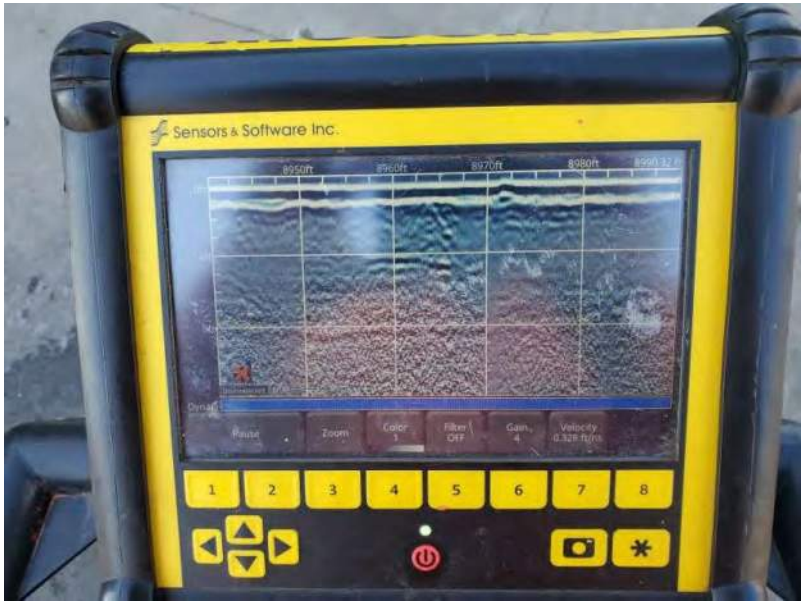

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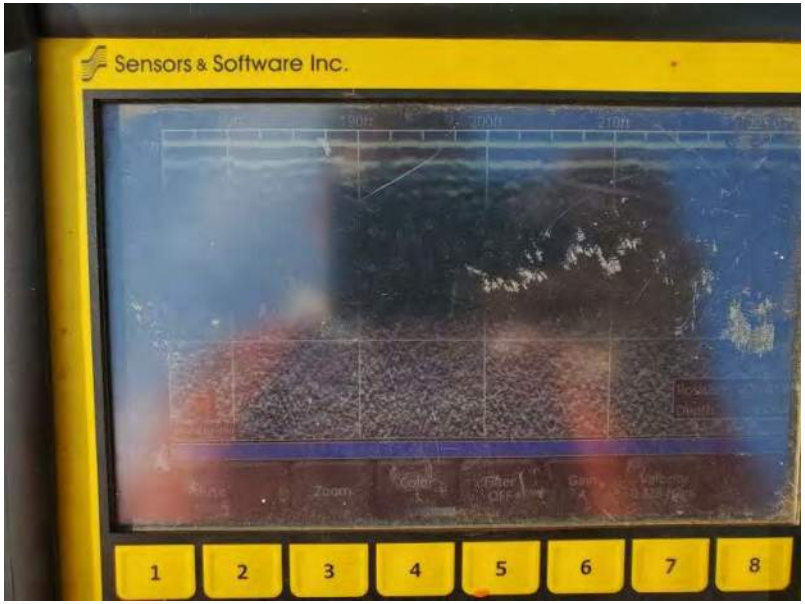

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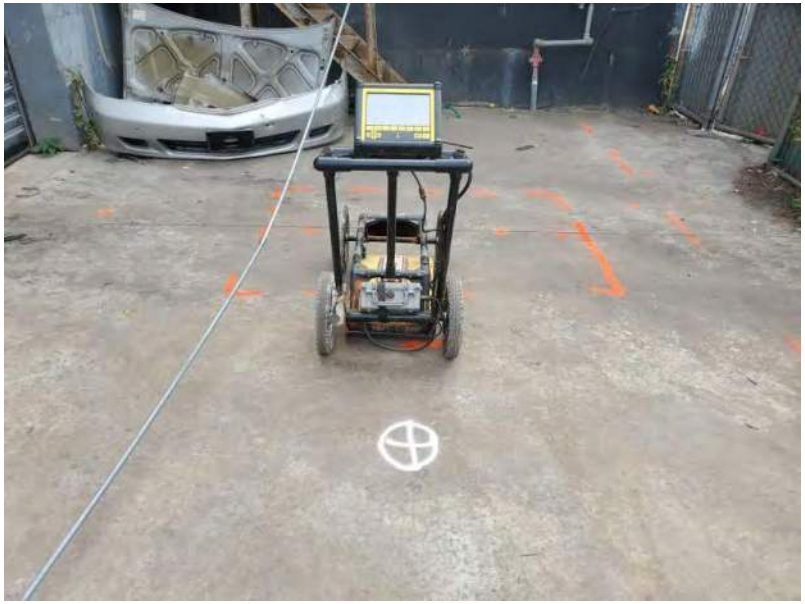

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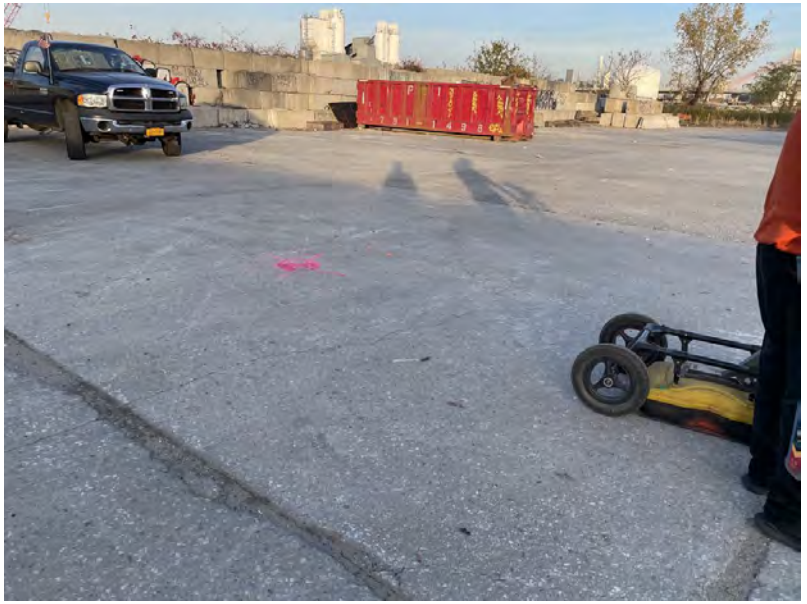

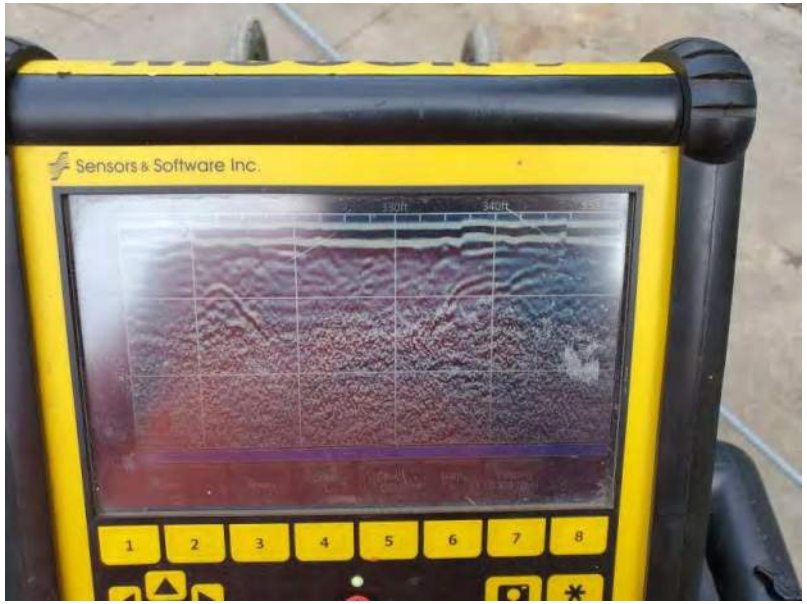

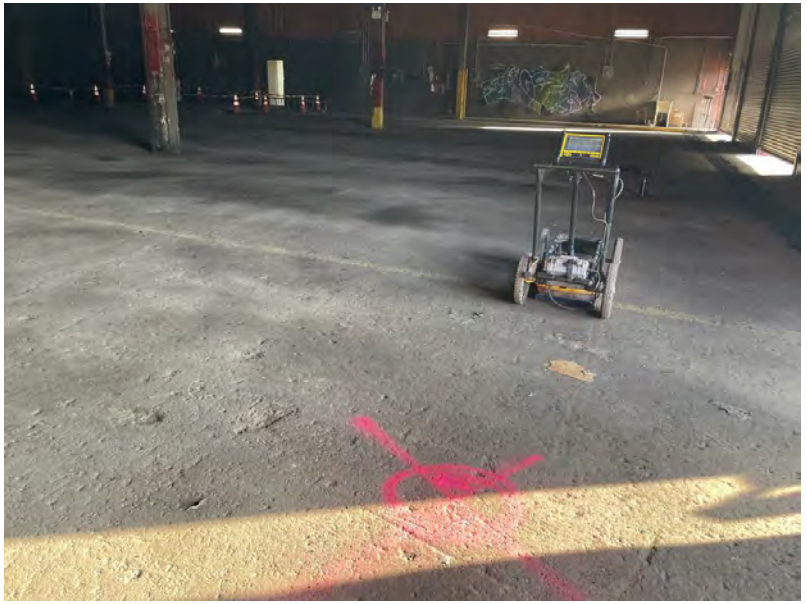

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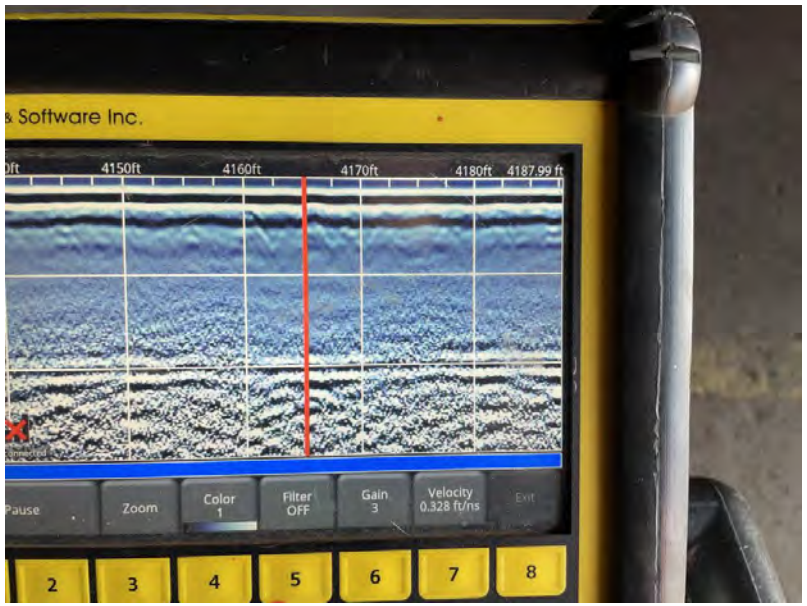

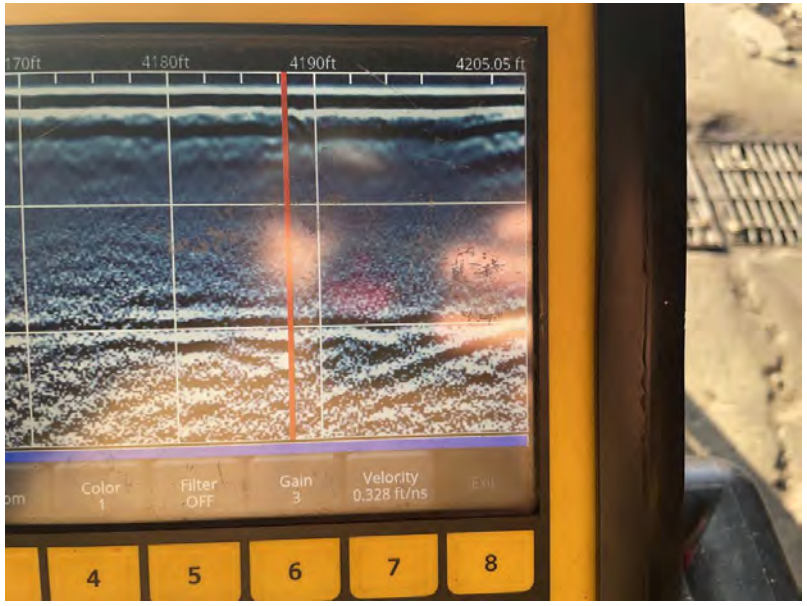

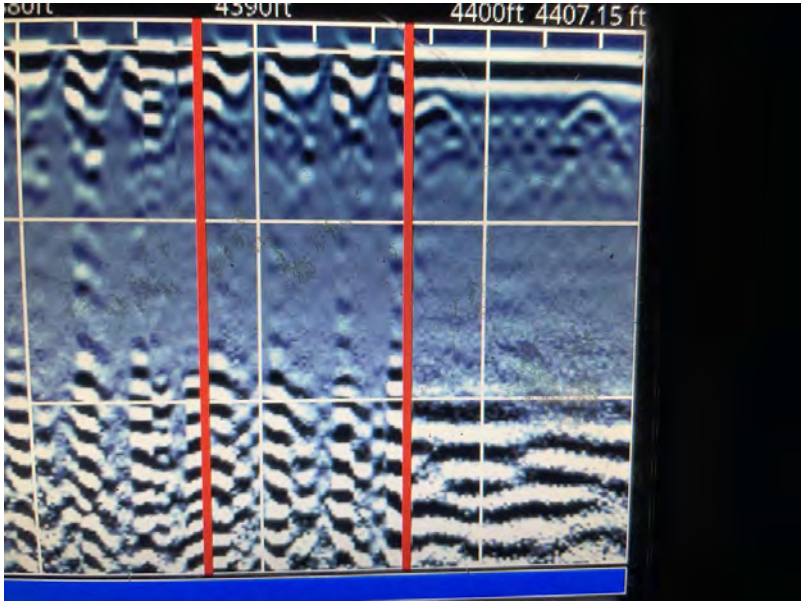

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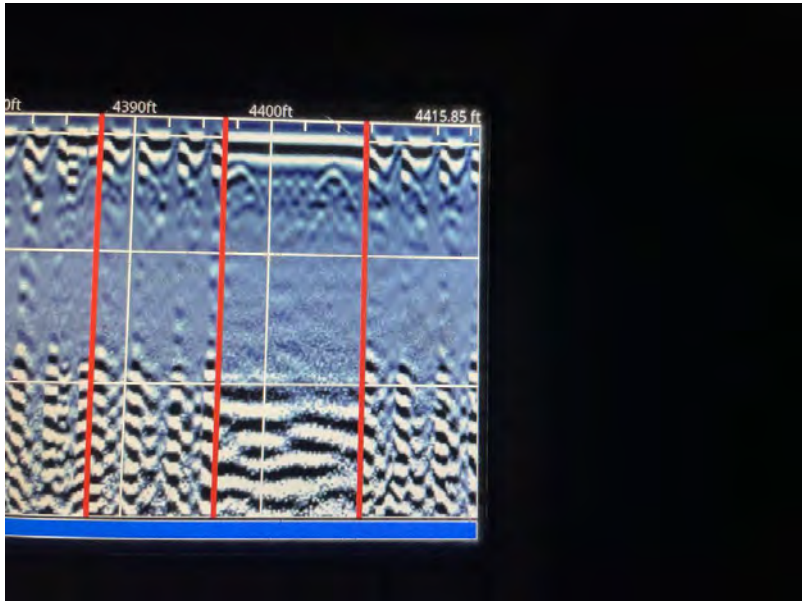

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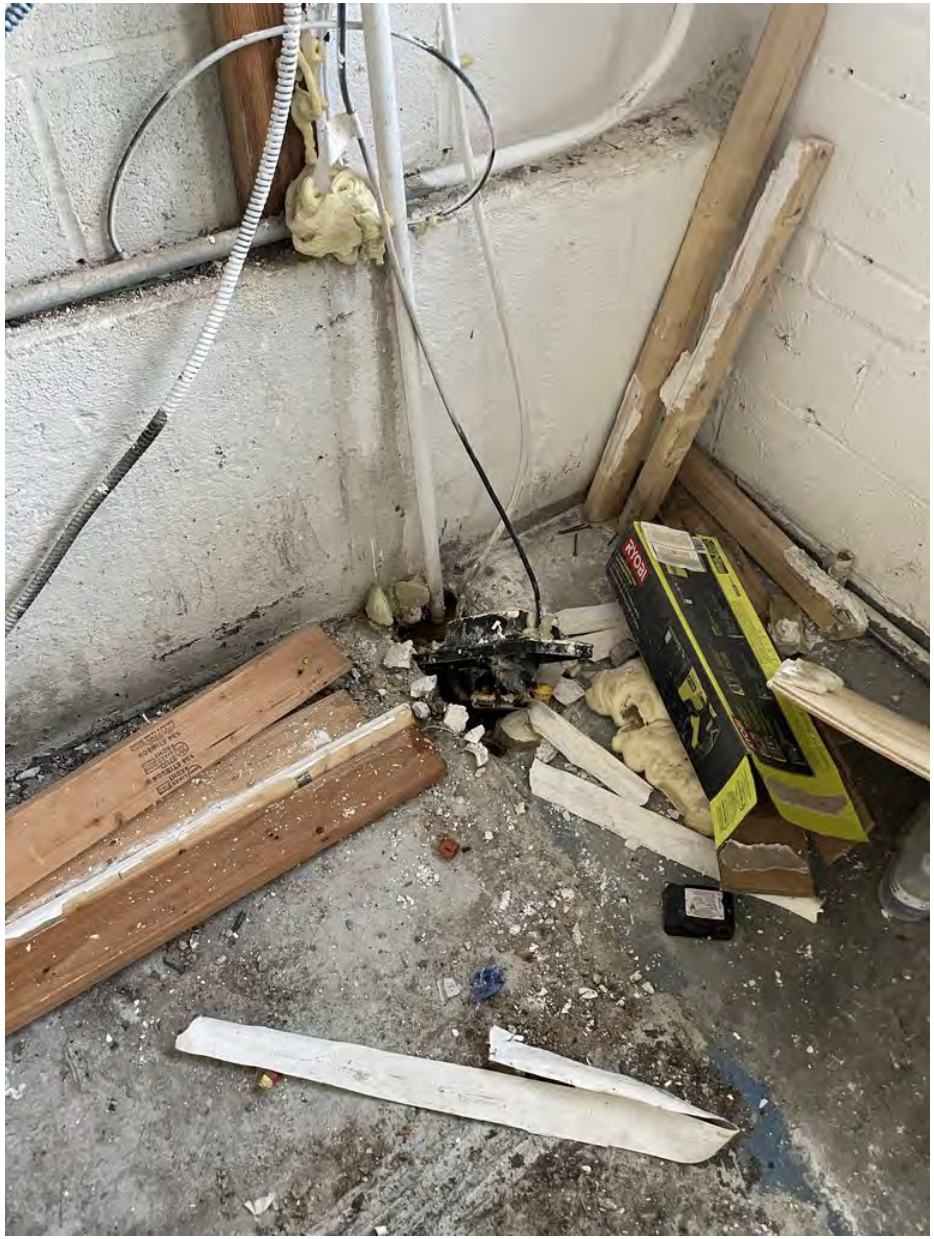

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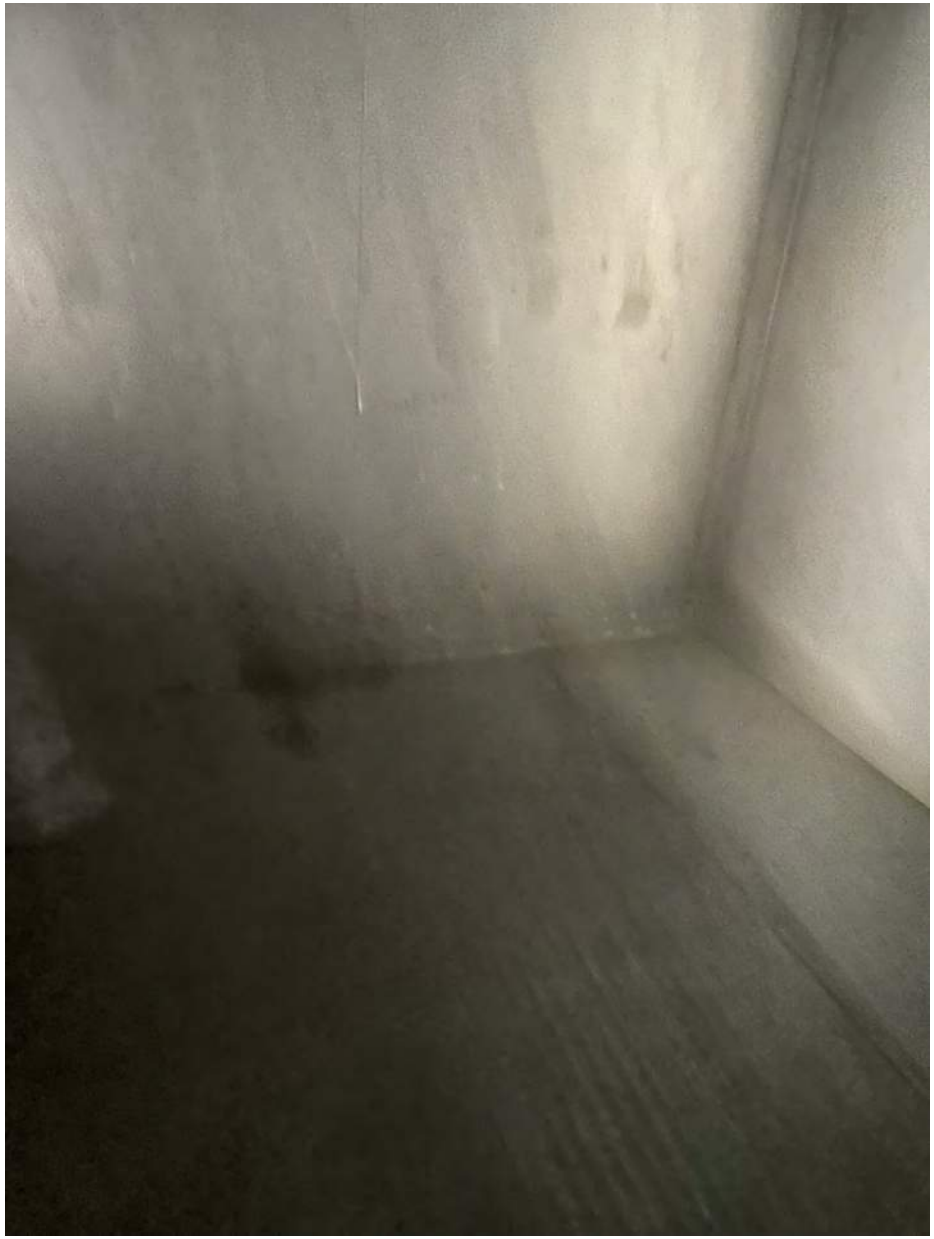

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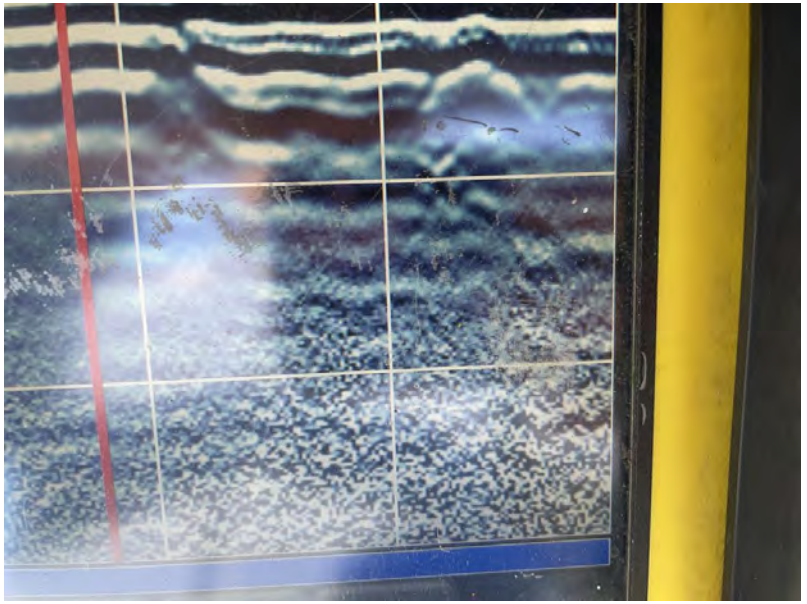

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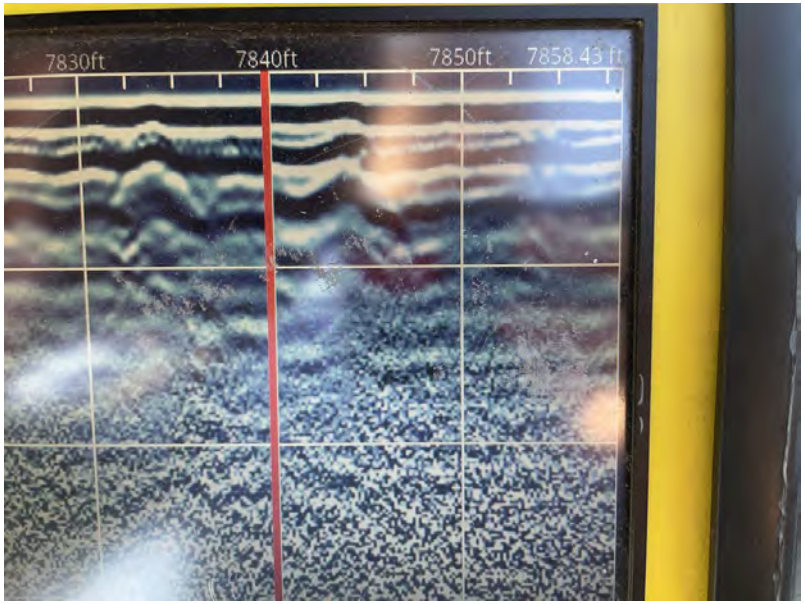

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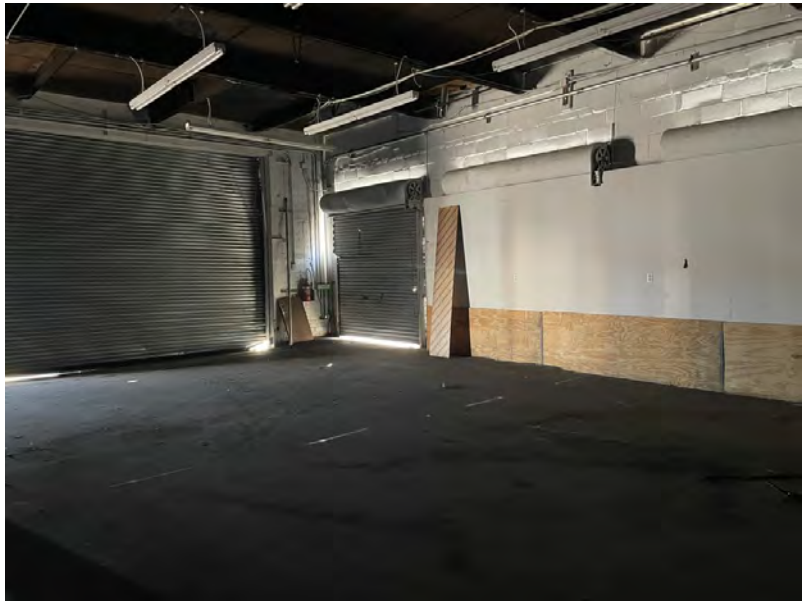

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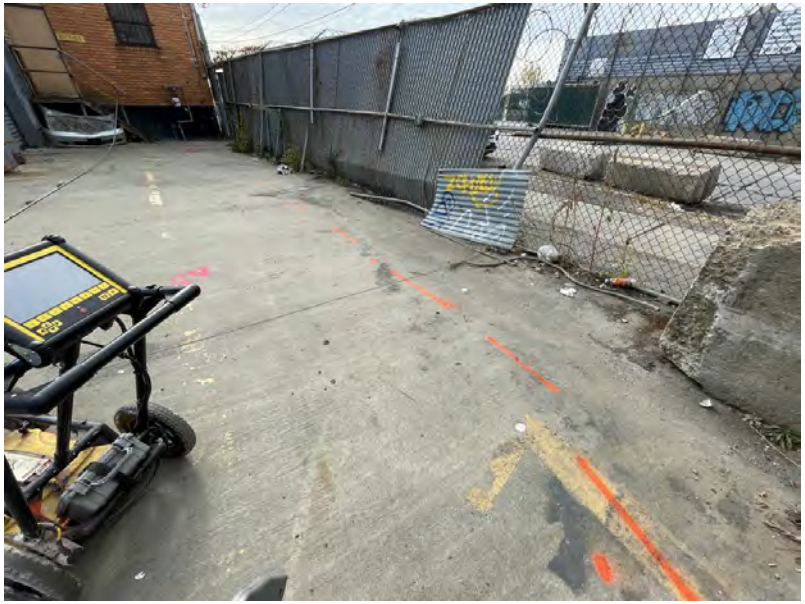

APPENDIX B

Soil Boring Logs

LANGAN

Log of Boring **LB-1** Sheet 1 of 1

Project: 57-00 47th Street Maspeth	Project No.: 100965501
Location: Maspeth, NY	Elevation and Datum: NA
Drilling Company: Lakewood Environmental Services	Date Started: 11/11/21 / Date Finished: 11/11/21
Drilling Equipment: Geoprobe 6610 DT	Completion Depth: 16 ft / Rock Depth: NA
Size and Type of Bit: 2" Direct Push	Number of Samples: Disturbed NA / Undisturbed NA / Core NA
Casing Diameter (in): NA / Casing Depth (ft): NA	Water Level (ft.): First ▽ / Completion ▼ NA / 24 HR. ▼
Casing Hammer: NA / Weight (lbs): NA / Drop (in): NA	Drilling Foreman: Adam Hutchinson
Sampler: 4' Macrocore 2" diameter	Field Engineer: Salvatore D'Alia
Sampler Hammer: NA / Weight (lbs): NA / Drop (in): NA	

Material Symbol	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
	CONCRETE Aprox. 4-inchs thick	0	M-1A				0	Started Drilling at 11/11/2021 8:05 AM
	Light brown medium SAND, some fine gravel (dry)[FILL]	1					0	
		2		Macrocore	20		0	
		3	M-1B				0	
	White fine-medium SAND, some fine gravel (dry)[FILL]	4					0	
		5	M-2A				0	
	Dark brown medium-fine SAND, trace brick, trace silt (dry)[FILL]	6		Macrocore	14		0	
		7	M-2B				0	
	Dark brown medium-fine SAND, trace brick, trace silt (dry)[FILL]	8					0	8:40 AM - Collect grab sample from 7.5'-8.0'
		9					0	
		10	M-3A	Macrocore	33		0	
	Dark brown to black SILT, trace clay, trace organics (wet)[Pt]	11	M-3B				0	Bottom of boring at 11/11/2021 9:03 AM 2" Temporary well installed Screen installed from 5'-15' Riser from 0'-5'
	Dark brown to black SILT, trace clay, trace organics (wet)[Pt]	12					0	
		13	M-4A				0	Once the temporary well was sampled the PVC piping was removed, the boring was backfilled with any remaining drill cuttings, and then finished with fast setting high strength concrete to match the existing concrete pavement.
	Brown SILT, some sand (wet)[ML]	14		Macrocore	33		0	
		15	M-4B				0	
		16					0	
		17						
		18						
		19						
		20						

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LANGAN

Log of Boring **LB-2** Sheet 1 of 1

Project: 57-00 47th Street Maspeth	Project No.: 100965501
Location: Maspeth, NY	Elevation and Datum: NA
Drilling Company: Lakewood Environmental Services	Date Started: 11/11/21 — Date Finished: 11/11/21
Drilling Equipment: Geoprobe 6610 DT	Completion Depth: 16 ft — Rock Depth: NA
Size and Type of Bit: 2" Direct Push	Number of Samples: Disturbed NA — Undisturbed NA — Core NA
Casing Diameter (in): NA — Casing Depth (ft): NA	Water Level (ft.): First ▽ — Completion ▼ NA — 24 HR. ▼
Casing Hammer: NA — Weight (lbs): NA — Drop (in): NA	Drilling Foreman: Adam Hutchinson
Sampler: 4' Macrocore 2" diameter	Field Engineer: Salvatore D'Alia
Sampler Hammer: NA — Weight (lbs): NA — Drop (in): NA	

Material Symbol	Sample Description	Depth Scale	Sample Number	Sample Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
	Gray medium-fine SAND, trace silt, trace fine gravel (dry)[FILL]	0					0	Started Drilling at 11/11/2021 9:04 AM
	Brown to red medium-fine SAND, some brick (moist)[FILL]	1	M-1A				0	
			M-1B	Macrocore	35		0	
	Brown to black medium-fine SAND, some brick (moist)[FILL]	2					0	
		3	M-1C				0	
	Brown to black medium-fine SAND, some brick, some silt (moist)[FILL]	4					0	
		5	M-2A				0	
	Brown to black medium-fine SAND, trace brick, trace silt (moist)[FILL]	6		Macrocore	44		0	
			M-2B				0	
	Brown medium SAND (moist)[SP]	7					0	
			M-2C				0	
	Brown medium SAND (moist)[SP]	8					0	
		9	M-3A				0	
	Black to dark brown silty fine SAND, glass fragments, Burned wood (moist)[FILL]	10		Macrocore	28		0	
			M-3B				0	9:30 AM - Collect grab sample from 10.5'-11.0'
	Brown to grayish brown silty coarse-fine SAND (wet)[SM]	11					0.3	
			M-3C				0.1	
	Brown to grayish brown silty coarse-fine SAND (wet)[SM]	12					0	
		13					0	
							0	
		14					0	
			M-4A	Macrocore	21		0	
		15					0	
	Dark gray CLAY (moist)[CH]						0	Bottom of boring at 11/11/2021 10:31 AM
		16	M-4B					2" Temporary well installed to Screen installed from 5'-15' Riser from 0'-5' Once the temporary well was sampled the PVC piping was removed, the boring was backfilled with any remaining drill cuttings to grade.
		17						
		18						
		19						
		20						

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LANGAN

Log of Boring **LB-3** Sheet 1 of 1

Project: 57-00 47th Street Maspeth	Project No.: 100965501
Location: Maspeth, NY	Elevation and Datum: NA
Drilling Company: Lakewood Environmental Services	Date Started: 11/11/21 — Date Finished: 11/11/21
Drilling Equipment: Geoprobe 6610 DT	Completion Depth: 16 ft — Rock Depth: NA
Size and Type of Bit: 2" Direct Push	Number of Samples: Disturbed NA, Undisturbed NA, Core NA
Casing Diameter (in): NA — Casing Depth (ft): NA	Water Level (ft.): First ▽ — Completion ▼ NA — 24 HR. ▼
Casing Hammer: NA — Weight (lbs): NA — Drop (in): NA	Drilling Foreman: Adam Hutchinson
Sampler: 4' Macrocore 2" diameter	Field Engineer: Salvatore D'Alia
Sampler Hammer: NA — Weight (lbs): NA — Drop (in): NA	

Material Symbol	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
	Reddish brown to brown coarse-medium SAND, some brick (dry)[FILL]	0					0	Started Drilling at 11/11/2021 10:31 AM
		1					0	
		2	M-1A	Macrocore	35		0	
	CONCRETE Aprox. 2-feet thick	3					0	
		4	M-1B				0.4	
	Dark brown to black silty medium-fine SAND, some gravel (moist)[FILL]	5	M-2A				0.2	
		6	M-2B	Macrocore	34		0	10:50 AM - Collect grab sample from 6.0'-6.5'
	Dark brown to black silty medium-fine SAND, wood fragments (wet)[FILL]	7	M-2C				0.1	
	Dark brown to black medium-fine SAND, trace silt, wood fragments (wet)[FILL]	8					0	
		9					0	
		10	M-3	Macrocore	20		0	
		11					0	
		12					0	
	Dark brown to black medium-fine SAND, trace silt, wood fragments (wet)[FILL]	13					0	
		14	M-4A	Macrocore	30		0	
	Dark gray CLAY, trace organics (moist)[CH]	15	M-4B				0.3	
		16					0.3	Bottom of boring at 11/11/2021 11:22 AM
		17					0.2	2" Temporary well installed to Screen installed from 5'-15' Riser from 0'-5' Once the temporary well was sampled the PVC piping was removed, the boring was backfilled with any remaining drill cuttings to grade.
		18						
		19						
		20						

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Log of Boring **LB-4** Sheet 1 of 1

Project: 57-00 47th Street Maspeth	Project No.: 100965501
Location: Maspeth, NY	Elevation and Datum: NA
Drilling Company: Lakewood Environmental Services	Date Started: 11/11/21 — Date Finished: 11/11/21
Drilling Equipment: Geoprobe 6610 DT	Completion Depth: 16 ft — Rock Depth: NA
Size and Type of Bit: 2" Direct Push	Number of Samples: Disturbed NA, Undisturbed NA, Core NA
Casing Diameter (in): NA — Casing Depth (ft): NA	Water Level (ft.): First ▽ — Completion ▼ NA — 24 HR. ▼
Casing Hammer: NA — Weight (lbs): NA — Drop (in): NA	Drilling Foreman: Adam Hutchinson
Sampler: 4' Macrocore 2" diameter	Field Engineer: Salvatore D'Alia
Sampler Hammer: NA — Weight (lbs): NA — Drop (in): NA	

Material Symbol	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
	Dark brown to brownish red medium-fine SAND, trace silt, brick fragments (moist)[FILL]	0–4	M-1	Macrocore	36		0, 0, 0, 0.1, 0.1, 0.1, 0, 0	Started Drilling at 11/11/2021 12:25 PM 1:00 PM - Collect grab sample from 1.5'-2.0'
	Dark brown to brownish red medium-fine SAND, some fine gravel, trace glass, trace silt, brick fragments (moist)[FILL]	4–8	M-2	Macrocore	46		0.2, 0.2, 0.2, 0.2, 0.2, 0.2, 0.2, 0.2	
	Dark brown to brownish red medium-fine SAND, some fine gravel, trace glass, trace silt, brick fragments (moist)[FILL]	8–9	M-3A	Macrocore	46		0.2	
	Dark brown fine SAND, trace silt (wet)[SP]	9–12	M-3B	Macrocore	46		0.2, 0.2, 0.2, 0.2, 0.2, 0.2, 0.1	
	Dark brown fine SAND, trace silt (wet)[SP]	12–15	M-4A	Macrocore	46		0.1, 0.1, 0.1, 0.1, 0.1, 0.1, 0.1	
	Dark brown to black fine SAND, trace silt (wet)[SP]	15–16	M-4B	Macrocore	46		97	Bottom of boring at 11/11/2021 1:14 PM. 2" Temporary well installed Screen installed from 5'-15' Riser from 0'-5'
		16–20						

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Log of Boring **LB-5** Sheet 1 of 1

Project: 57-00 47th Street Maspeth	Project No.: 100965501
Location: Maspeth, NY	Elevation and Datum: NA
Drilling Company: Lakewood Environmental Services	Date Started: 11/11/21 — Date Finished: 11/12/21
Drilling Equipment: Geoprobe 6610 DT	Completion Depth: 16 ft — Rock Depth: NA
Size and Type of Bit: 2" Direct Push	Number of Samples: Disturbed NA — Undisturbed NA — Core NA
Casing Diameter (in): NA — Casing Depth (ft): NA	Water Level (ft.): First ▽ — Completion ▼ NA — 24 HR. ▼
Casing Hammer: NA — Weight (lbs): NA — Drop (in): NA	Drilling Foreman: Adam Hutchinson
Sampler: 4' Macrocore 2" diameter	Field Engineer: Salvatore D'Alia
Sampler Hammer: NA — Weight (lbs): NA — Drop (in): NA	

Material Symbol	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
	CONCRETE Aprox. 3-inchs thick	0	M-1A				0	Started Drilling at 11/11/2021 1:20 PM
	Gray to black medium-fine GRAVEL (dry)[FILL]		M-1B				0	
	Brown to black silty fine-medium SAND, brick fragments (moist)[FILL]	1					0.1	
		2		Macrocore	38		0.4	
							0.4	
		3	M-1C				0.4	
							23	
	Dark brown fine-medium SAND, brick (dry)[FILL]		M-1D				0.6	
	Dark brown to brown fine-medium SAND, trace brick, trace silt (moist)[FILL]	4					0.2	
							0.6	
		5					0.2	
							0.2	
		6	M-2	Macrocore	30		0.2	
							0.2	
		7					0.2	
							0.2	
	Dark brown to brown silty fine-medium SAND, trace brick (moist)[FILL]	8					0	
							0	
		9					0	
							0	
		10	M-3	Macrocore	41		0	
							0	
		11					0	
							0	
	Gray to dark gray medium-fine SAND, trace silt (wet)[SP]	12					0.4	
							1	
		13					1	
							1.6	
		14	M-4	Macrocore	46		2.7	
							26	
		15					500	2:00 PM - Collect grab sample from 15'-15.5'
							500	
		16						Bottom of boring at 11/12/2021 7:38 AM
		17						Once completed the boring was backfilled with any remaining drill cuttings, and then finished with fast setting high strength concrete to match the existing concrete pavement.
		18						
		19						
		20						

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Log of Boring **LB-6** Sheet 1 of 1

Project: 57-00 47th Street Maspeth	Project No.: 100965501
Location: Maspeth, NY	Elevation and Datum: NA
Drilling Company: Lakewood Environmental Services	Date Started: 11/12/21 / Date Finished: 11/12/21
Drilling Equipment: Geoprobe 6610 DT	Completion Depth: 18 ft / Rock Depth: NA
Size and Type of Bit: 2" Direct Push	Number of Samples: Disturbed NA / Undisturbed NA / Core NA
Casing Diameter (in): NA / Casing Depth (ft): NA	Water Level (ft.): First ▽ / Completion ▼ NA / 24 HR. ▼
Casing Hammer: NA / Weight (lbs): NA / Drop (in): NA	Drilling Foreman: Adam Hutchinson
Sampler: 5' Macrocore 2" diameter	Field Engineer: Salvatore D'Alia
Sampler Hammer: NA / Weight (lbs): NA / Drop (in): NA	

Material Symbol	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
	CONCRETE Aprox. 6-inchs thick	0	M-1A				0	Started Drilling at 11/12/2021 7:39 AM
	Gray medium-fine GRAVEL (dry)[FILL]		M-1B				0	
	Dark gray to black SAND, trace silt (moist)[FILL]	1					0	
		2	M-1C	Macrocore	36		0.1	
							0.1	
		3					0.2	
							0.4	
	White fine-coarse SAND, concrete (dry)[FILL]	4	M-1D				0.4	
	Brown fine-coarse SAND, brick (dry)[FILL]						0	
		5	M-1E				0	
	Grayish brown silty SAND (moist)[SP]						0	
		6					0	
							0	
		7	M-2	Macrocore	36		0	
							0	
		8					0	
							0	
		9					0	
							0	
	Dark gray medium-fine SAND, trace silt, light odor and stains (wet)[SP]	10					0	
							0	
		11					0	
							0	
		12	M-3	Macrocore	50		0	8:10 AM - Collect grab sample from 16.5'-17.0' Bottom of boring at 11/12/2021 8:40 AM. 2" Temporary well installed Screen installed from 8'-18' Riser from 0'-8'
							0	
		13					0	
							0	
		14					0	
							0	
	Dark gray medium-fine SAND, trace silt, light odor and stains (wet)[SP]	15					57	Once the temporary well was sampled the PVC piping was removed, the boring was backfilled with any remaining drill cuttings, and then finished with fast setting high strength concrete to match the existing concrete pavement.
							500	
		16					500	
			M-4	Macrocore	47		500	
		17					54	
							17	
		18						
		19						
		20						

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Log of Boring **LB-7a** Sheet 1 of 1

Project: 57-00 47th Street Maspeth	Project No.: 100965501
Location: Maspeth, NY	Elevation and Datum: NA
Drilling Company: Lakewood Environmental Services	Date Started: 11/12/21 — Date Finished: 11/12/21
Drilling Equipment: Geoprobe 6610 DT	Completion Depth: 7 ft — Rock Depth: NA
Size and Type of Bit: 2" Direct Push	Number of Samples: Disturbed NA, Undisturbed NA, Core NA
Casing Diameter (in): NA — Casing Depth (ft): NA	Water Level (ft.): First ▽ — Completion ▼ NA — 24 HR. ▼
Casing Hammer: NA — Weight (lbs): NA — Drop (in): NA	Drilling Foreman: Adam Hutchinson
Sampler: 5' Macrocore 2" diameter	Field Engineer: Salvatore D'Alia
Sampler Hammer: NA — Weight (lbs): NA — Drop (in): NA	

Material Symbol	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)
	CONCRETE Aprox. 8-inchs thick	0					0
	Brown gravelly SAND, trace brick, trace concrete (dry)[FILL]	1	M-1A				0
		2	M-1B	Macrocore	33		0
	Brown medium SAND, some silt (moist)[FILL]	3					0
		4	M-1C				0.4
	Brown medium SAND, some silt (moist)[FILL]	5					0
		6	M-2A	Macrocore	18		0
	Brown to gray coarse-fine SAND (moist)[FILL]	7	M-2B				0
		8					
		9					
		10					
		11					
		12					
		13					
		14					
		15					
		16					
		17					
		18					
		19					
		20					

Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)

Started Drilling at 11/12/2021 8:40 AM

Bottom of boring at 11/12/2021 8:46 AM. Refusal encountered at 7.0ft. Possibly metal

Once completed the boring was backfilled with any remaining drill cuttings, and then finished with fast setting high strength concrete to match the existing concrete pavement.

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Log of Boring **LB-7b-w3** Sheet 1 of 1

Project: 57-00 47th Street Maspeth	Project No.: 100965501
Location: Maspeth, NY	Elevation and Datum: NA
Drilling Company: Lakewood Environmental Services	Date Started: 11/12/21 / Date Finished: 11/12/21
Drilling Equipment: Geoprobe 6610 DT	Completion Depth: 18 ft / Rock Depth: NA
Size and Type of Bit: 2" Direct Push	Number of Samples: Disturbed NA / Undisturbed NA / Core NA
Casing Diameter (in): NA / Casing Depth (ft): NA	Water Level (ft.): First ▽ / Completion ▼ NA / 24 HR. ▼
Casing Hammer: NA / Weight (lbs): NA / Drop (in): NA	Drilling Foreman: Adam Hutchinson
Sampler: 5' Macrocore 2" diameter	Field Engineer: Salvatore D'Alia
Sampler Hammer: NA / Weight (lbs): NA / Drop (in): NA	

Material Symbol	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
	CONCRETE Aprox. 8-inchs thick	0					0	Started Drilling at 11/12/2021 8:46 AM
	Brown gravelly SAND, trace brick (moist)[FILL]	1	M-1A				0	
		2					0	
		3	M-1B	Macrocore	35		0	
	Brown gravelly coarse-fine SAND, trace silt (moist)[FILL]	4	M-1C				0	
	Brown gravelly coarse-fine SAND, trace silt (moist)[FILL]	5					0	
		6					0	
		7	M-2A				0	
	Gray medium-fine angular GRAVEL (dry)[FILL]	8		Macrocore	27		0	
		9	M-2B				0	10:00 AM - Collect grab sample from 8.5'-9.0' ~ 6" above saturated soils.
	Gray to dark fine GRAVEL, some coarse sand (wet)[FILL]	10					0	
		11					0	
		12					0	
		13	M-3	Macrocore	19		0	Bottom of boring at 11/12/2021 10:08 AM. 2" Temporary well installed Screen installed from 8'-18' Riser from 0'-8'
		14					0	
	Gray to dark gray fine GRAVEL, some coarse sand (wet)[FILL]	15					0	
		16					0	Once the temporary well was sampled the PVC piping was removed, the boring was backfilled with any remaining drill cuttings, and then finished with fast setting high strength concrete to match the existing concrete pavement.
		17	M-4	Macrocore	26		0	
		18					0	
		19						
		20						

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Log of Boring **LB-8** Sheet 1 of 1

Project: 57-00 47th Street Maspeth	Project No.: 100965501
Location: Maspeth, NY	Elevation and Datum: NA
Drilling Company: Lakewood Environmental Services	Date Started: 11/12/21 / Date Finished: 11/12/21
Drilling Equipment: Geoprobe 6610 DT	Completion Depth: 15 ft / Rock Depth: NA
Size and Type of Bit: 2" Direct Push	Number of Samples: Disturbed NA / Undisturbed NA / Core NA
Casing Diameter (in): NA / Casing Depth (ft): NA	Water Level (ft.): First ▽ / Completion ▼ NA / 24 HR. ▼
Casing Hammer: NA / Weight (lbs): NA / Drop (in): NA	Drilling Foreman: Adam Hutchinson
Sampler: 5' Macrocore 2" diameter	Field Engineer: Salvatore D'Alia
Sampler Hammer: NA / Weight (lbs): NA / Drop (in): NA	

Material Symbol	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
	CONCRETE Aprox. 6-inchs thick	0	M-1A				0	Started Drilling at 11/12/2021 10:09 AM
	White fine-medium GRAVEL, some sand, rca (dry)[FILL]		M-1B				0	
	Grayish brown coarse-fine SAND (moist)[FILL]	1					0	
		2		Macrocore	30		0	
		3					0	
		4	M-1C				0	
							0	
	Grayish brown medium-fine SAND, odor mild (moist)[FILL]	5					0	
		6					0	
		7	M-2A	Macrocore	39		0	
		8					57	10:30 AM - Collect grab sample from 7.5'-8.0' ~ 6" above groundwater.
	Grayish brown coarse-fine SAND, trace brick, concrete lenses, odor mild (moist)[FILL]						12	
		9	M-2B				5.7	
							4.8	
	Grayish brown coarse-fine SAND, odor mild (moist)[FILL]	10					4.2	
		11	M-3	Macrocore	37		0.5	
		12					0.5	
		13					0.4	
		14					0.4	
		15					0.4	
		16					0.4	
		17					0.4	
		18					0.4	
		19					0.4	
		20					0.4	
							5	Bottom of boring at 11/12/2021 10:44 AM 2" Temporary well installed Screen installed from 5'-15' Riser from 0'-5' Once the temporary well was sampled the PVC piping was removed, the boring was backfilled with any remaining drill cuttings, and then finished with fast setting high strength concrete to match the existing concrete pavement.

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Log of Boring **LB-9a** Sheet 1 of 1

Project: 57-00 47th Street Maspeth	Project No.: 100965501
Location: Maspeth, NY	Elevation and Datum: NA
Drilling Company: Lakewood Environmental Services	Date Started: 11/12/21 / Date Finished: 11/12/21
Drilling Equipment: Geoprobe 6610 DT	Completion Depth: 11.5 ft / Rock Depth: NA
Size and Type of Bit: 2" Direct Push	Number of Samples: Disturbed NA / Undisturbed NA / Core NA
Casing Diameter (in): NA / Casing Depth (ft): NA	Water Level (ft.): First ▽ / Completion ▼ NA / 24 HR. ▼
Casing Hammer: NA / Weight (lbs): NA / Drop (in): NA	Drilling Foreman: Adam Hutchinson
Sampler: 5' Macrocore 2" diameter	Field Engineer: Salvatore D'Alia
Sampler Hammer: NA / Weight (lbs): NA / Drop (in): NA	

Material Symbol	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
	CONCRETE Aprox. 8-inchs thick	0	M-1A					Started Drilling at 11/12/2021 10:51 AM
	Gray fine-medium angular GRAVEL, some m-f sand, rca (dry)[FILL]	1	M-1B					
	Reddish brown silty SAND, some fine gravel, rca (moist)[FILL]	2		Macrocore	22			
		3						
		4	M-1C					
	Reddish brown silty SAND, some fine gravel, brick lenses, rca (moist)[FILL]	5					0	
		6					0	
		7					0	
		8	M-2A	Macrocore	36		0	
	Light gray medium-fine angular GRAVEL (dry)[FILL]	9	M-2B				0	
	Light grayish brown silty medium-fine SAND, some f-m gravel, trace brick (moist)[FILL]		M-2C				7.4	
	Light grayish brown silty medium-fine SAND, some f-m gravel (moist)[FILL]	10					0	
	Light grayish brown medium-fine angular GRAVEL, some f-m gravel (moist)[FILL]	11	M-3A	Macrocore	18		0	
			M-3B				0	
		12						Bottom of boring at 11/12/2021 11:23 AM. Refusal encountered at 11.5ft
		13						
		14						Once completed the boring was backfilled with any remaining drill cuttings, and then finished with fast setting high strength concrete to match the existing concrete pavement.
		15						
		16						
		17						
		18						
		19						
		20						

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Log of Boring **LB-9b-n2** Sheet 1 of 2

Project: 57-00 47th Street Maspeth	Project No.: 100965501
Location: Maspeth, NY	Elevation and Datum: NA
Drilling Company: Lakewood Environmental Services	Date Started: 11/12/21 / Date Finished: 11/12/21
Drilling Equipment: Geoprobe 6610 DT	Completion Depth: 18 ft / Rock Depth: NA
Size and Type of Bit: 2" Direct Push	Number of Samples: Disturbed NA / Undisturbed NA / Core NA
Casing Diameter (in): NA / Casing Depth (ft): NA	Water Level (ft.): First ▽ / Completion ▼ NA / 24 HR. ▼
Casing Hammer: NA / Weight (lbs): NA / Drop (in): NA	Drilling Foreman: Adam Hutchinson
Sampler: 5' Macrocore 2" diameter	Field Engineer: Salvatore D'Alia
Sampler Hammer: NA / Weight (lbs): NA / Drop (in): NA	

Material Symbol	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
	CONCRETE Aprox. 8-inchs thick	0	M-1A				0	Started Drilling at 11/12/2021 11:24 AM
	Gray medium-fine angular GRAVEL, some m-f sand, rcq (dry)[FILL]	1	M-1B				0	
	Reddish brown silty SAND, trace fine gravel (moist)[FILL]	2		Macrocore	33		0	
		3					0	
		4	M-1C				0	
		5					0	
	Reddish brown silty SAND, trace fine gravel (moist)[FILL]	6					1.4	
		7					1.3	
		8	M-2A	Macrocore	41		0.4	
		9					0.4	
	Gray medium-coarse angular GRAVEL (dry)[FILL]						0.3	
	Mottled grayish brown silty medium-fine SAND (moist)[FILL]		M-2B				0.3	
	Gray SAND, some fine gravel (moist)[FILL]	10	M-2C				0.3	
	Brown medium-fine SAND, some silt (moist)[FILL]						1.4	
	Brown silty medium-fine SAND (moist)[FILL]	11	M-3A				34	
	Brown silty medium-fine SAND, some fine gravel, brick fragments (moist)[FILL]		M-3B				500	
		12	M-3C				500	
							500	
		13	M-3D	Macrocore	57		183	
							22	
		14					13	
	Brown silty medium-fine SAND (moist)[SM]						9	
		15	M-3E				10	
	Brown to black silty medium-fine SAND, trace fine gravel (wet)[SM]						8.2	
		16	M-4A				6.5	10:30 AM - Collect grab sample from 14.0'-14.5'
	Gray to black CLAY (wet)[CH]						290	Bottom of boring at 11/12/2021 2:08 PM
		17	M-4B	Macrocore	19		130	2" Temporary well installed
							10	Screen installed from 4'-14'
	Dark brown medium SAND [SP]						10	Riser from 0'-4'
		18	M-4C				10	
		19						Once the temporary well was sampled the PVC piping was removed, the boring was backfilled with any remaining drill cuttings, and then finished with fast setting high strength concrete to match the existing concrete
		20						

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Log of Boring **LB-10** Sheet 1 of 1

Project: 57-00 47th Street Maspeth	Project No.: 100965501
Location: Maspeth, NY	Elevation and Datum: NA
Drilling Company: Lakewood Environmental Services	Date Started: 11/12/21 / Date Finished: 11/12/21
Drilling Equipment: Geoprobe 6610 DT	Completion Depth: 15 ft / Rock Depth: NA
Size and Type of Bit: 2" Direct Push	Number of Samples: Disturbed NA / Undisturbed NA / Core NA
Casing Diameter (in): NA / Casing Depth (ft): NA	Water Level (ft.): First ▽ / Completion ▼ NA / 24 HR. ▼
Casing Hammer: NA / Weight (lbs): NA / Drop (in): NA	Drilling Foreman: Adam Hutchinson
Sampler: 4' Macrocore 2" diameter	Field Engineer: Salvatore D'Alia
Sampler Hammer: NA / Weight (lbs): NA / Drop (in): NA	

Material Symbol	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
	CONCRETE Aprox. 13-inchs thick	0					0	Started Drilling at 11/12/2021 2:09 PM
	White to black fine-medium SAND, some fine gravel (moist)[FILL]	1	M-1A				0	
		2					0	
		3	M-1B	Macrocore	28		0	
		4					1.6	
	Brown silty SAND, trace brick (moist)[FILL]		M-1C				1.3	
		5					2.3	
	Brown silty SAND, trace brick (moist)[FILL]		M-2A				0.8	
		6					0.9	
	Black silty SAND, trace brick, burning odor, burned wood (moist)[FILL]	7	M-2B	Macrocore	51		1	
							1.2	
	Brown medium SAND, banding (moist)[SP]	8					13.5	
							500	2:30 PM - Collect grab sample from 6.5'-7.0'
		9	M-2C				59	
							22.4	
	Gray to black medium SAND, Same as lb6 (wet)[SP]	10					10.7	
							1.5	
		11					12	
							1	
		12	M-3	Macrocore	43		7.3	
							5.4	
		13					2.1	
							1.9	
		14					1.2	
							0.9	
		15					0.9	Bottom of boring at 11/12/2021 2:50 PM
							0.9	
		16					13.3	Once completed the boring was backfilled with any remaining drill cuttings, and then finished with fast setting high strength concrete to match the existing concrete pavement.
							500	
		17						
		18						
		19						
		20						

\\LANGAN.COM\DATA\PAR\DATA5\100965501\PROJECT DATA_DISCIPLINE\ENVIRONMENTAL\GINTLOGS\100965501_ENTERPRISE.GPJ ... 11/29/2021 12:56:21 PM ... Report: Log - LANGAN

June 13, 2022

Brett Richer
47th Street & 58th Road, LLC
c/o Prologis, Inc.
Pier 1, Bay 1
San Francisco, California 94111

RE: Underground Storage Tank Removal and Underground Injection Control Unit Sampling
57-05 47th Street
Maspeth, Queens, New York
Langan Project No. 100965501

Dear Mr. Richer,

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) is pleased to provide this letter to summarize underground storage tank (UST) removal and underground injection control (UIC) unit sampling activities. Activities were completed at 57-05 47th Street in Maspeth, Queens, New York (Block 2602, Lot 72); herein referred to as the Site.

One 550-gallon UST and one 3,500-gallon UST were encountered and subsequently removed on February 21, 2022. Excess tank contents, waste generated during decommissioning, and cleaned UST carcasses were disposed of off-site. These USTs were added to the existing petroleum bulk storage (PBS) registration for the facility (PBS Site No. 2-350001); the PBS registration is included as **Attachment A**. New York City Fire Department (FDNY) tank removal affidavits are included in **Appendix B**. Waste disposal manifests are included in **Appendix C**. Sampling locations and a summary of laboratory results for endpoint samples collected after UST removals are shown on **Figure 1.** Sampling location and summary of laboratory results for the UIC structure are shown on **Figure 2**. A more detailed summary of laboratory results are included as **Tables 1** through **5**.

Underground Storage Tank Removal and Sampling Activities

UST 002 (550-gallon Waste Oil)

- On February 21, 2022, AARCO Environmental Services, Inc. (AARCO) mobilized to the Site and removed a 550-gallon waste oil UST (UST 002) from the western side of the Site. During the removal process, it was observed that the tank had previously been abandoned in-place. Some discolored soils were observed above of the tank. Stained soils were

segregated separately from clean soils that were removed from above the tank and a soil sample (PRE-EX) was collected from the stained material for laboratory analysis.

- The sample was analyzed for target compound list volatile organic compounds plus 15 tentatively identified compounds (TCL VOC+15) via EPA Method SW846 8260C, semi-volatile organic compounds plus 20 tentatively identified compounds (SVOC+20) via EPA Method SW846 8270D, target compound list (TCL) metals via EPA Method SW846 16010D and 17471B, and polychlorinated biphenyls (PCBs) via EPA Method SW846 18082A.

    - Analytical results from the PRE-EX soil sample obtained from the discolored soil did not contain concentrations of VOCs, SVOCs, PCBs, and metals greater than the NYSDEC Part 375 Restricted Use Commercial Soil Cleanup Objectives (Commercial SCOs), the Restricted Use Industrial Soil Cleanup Objectives (Industrial SCOs), or Commissioner Policy 51 Soil Cleanup Guidance (CP-51) SCOs. A summary of these results is included as **Table 1**.

- Once the UST was removed, evidence of a discharge from the sides and bottom of the tank was not identified. The UST was identified to be in good condition with no corrosion holes observed. Approximately 550 gallons of water and approximately 5 gallons of sludge were removed from the tank and disposed off-site.

- After the UST carcass was removed from the ground, soil samples were collected from the center base and side walls of the excavation at the tank invert. All samples were analyzed for TCL VOC+15, SVOCs+20, TAL Metals, and PCBs via the EPA methods outlined above.

    - Analytical results indicate that the post UST removal soil samples did not contain concentrations of VOCs, SVOCs, PCBs, and metals greater than the NYSDEC Commercial SCOs, Industrial SCOs, or CP-51 SCOs. All samples contained detectable concentrations of metals and SVOCs. Refer to **Table 1** for a results summation.

- Following soil sample collection, the excavation was backfilled with unimpacted overburden and clean fill brought to the Site. Discolored overburden was segregated and stockpiled for offsite disposal. On March 11, 2022, the excavation area was restored with concrete.

UST 003 (3,500-gallon Diesel)

- On February 21, 2022, AARCO mobilized to the Site and removed a 3,500-gallon diesel UST (UST 003) from the northeastern portion of the Site. During the removal process, a hole cut into the top of the tank was observed, indicating the tank had previously been abandoned in place. Additionally, the UST had been filled with soil, presumably during the prior abandonment activities.

- This tank was located inside concrete encasement. The top portion of the encasement had been removed as part of previous abandonment measures. The encasement walls were either fully or partially demolished to allow for tank removal/soil sampling activities.

- The UST was noted to be in good condition and free of corrosion holes. Approximately 2,550-gallons of water was removed from the tank with a vacuum truck and disposed off-site. Oily sludge and soil utilized to previously abandon the tank was drummed and disposed of off-site.

- Once the UST and encasement was removed, evidence of a discharge was observed on the sides and beneath the tank. Soil staining was identified on all sides and bottom of the tank excavation. Elevated photoionization detector (PID) readings were identified on the northern, eastern, southern, and center portions of the excavation.

- Soil samples were collected from the center base and the four side walls at the invert of the tank. Samples were analyzed for CP-51 parameters which include select VOCs via EPA method SW846 8260C and SVOCs via EPA method SW846 8270D.

    - Analytical results indicated a detectable amount of xylenes in sample USTB-3. Xylene (m/p and total) concentrations were below the Part 375 Commercial and Industrial SCOs but greater than CP-51 Fuel Oil and Gasoline SCOs.

    - Three of the five samples had detectable levels of SVOCs. Sample USTB-4 contained benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, and ideno(1,2,3-cd)pyrene at concentrations greater than their respective Commercial and Industrial SCOs. Additionally, this sample contained benzo(k)fluoranthene, chrysene, and phenanthrene at concentrations greater than their respective CP-51 Fuel Oil SCOs. A summary of these results is included as **Table 2**.

- The detections of xylene and SVOC, together with the PID readings within the tank excavation, were indicative of a petroleum release, therefore NYSDEC was contacted. Spill No. 2110517 was assigned to this incident.

Underground Injection Control Unit Sampling Activities

- A sludge sample was collected from within a UIC structure on February 22, 2022. The sample was analyzed for TCL VOCs, TCL SVOCs, and toxicity characteristics leaching procedure (TCLP) Resource Conservation and Recovery Act (RCRA) 8 metals.
    - Analytical results indicated the following compounds were detected in sludge within the UIC: 1,2,4-trimethylbenzene, 2-hexanone, methyl ethyl ketone, acetone, cymene, toluene, bis(2-ethylhexyl) phthalate, and dibutyl phthalate. TCLP results indicate the sludge is not considered a characteristic hazardous waste for metals. Sludge results compared to the Environmental Protection Agency (EPA) RCRA 8 metals is included as **Table 3** and a table with detections only is included as **Table 4**.

- A liquid sample was collected from within the UIC structure on February 21, 2022. The sample was analyzed for TCL VOCs and TCL SVOCs with select ion monitoring (SIM).
    - Analytical results indicated liquids within this structure contained acetone, methyl ethyl ketone, toluene, 2-methylnaphthalene, acenaphthalene, benzo(b)fluoranthene, benzo(g,h,i)perylene, bis(2-ethylhexyl) phthalate, chrysene, fluoranthene, fluorene, ideo(1,2,3-cd)pyrene, pentachlorophenol, phenanthrene, and pyrene. A summary of these results is included as **Table 5.**

Please contact us at 973-524-8124 with any questions.

Sincerely,

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C

Alan Arico, LSRP
Senior Project Manager

Mimi S. Raygorodetsky
Principal/Vice President

ATTACHMENT A
PBS APPLICATION

New York State Department of Environmental Conservation
Division of Environmental Remediation

Petroleum Bulk Storage Application

Pursuant to the Environmental Conservation Law: Article 17, Title 10; and
Regulations 6 NYCRR Part 613 and 6 NYCRR Subpart 374-2

(Please Type or Print Clearly and Complete All Items for Sections A, B & C)

PBS Number: 2-350001

Return Completed Form & Fees To:

Expiration Date:

Section A - Facility/Property Owner/Contact Information

Transaction Type: 2/3

1) Initial/New Facility
2) Change of Ownership
3) Tank Installation, Closing, or Repair
4) Information Correction
5) Renewal

FACILITY

Facility Name: 57-05 47th Street

Tax Map Info

Facility Address (Physical Address, No P.O. Boxes): 57-05 47th Street

Block: 2602

Facility Address (cont.):

Lot 72

City: Maspeth | State: NY | ZIP Code: 11378

County: Queens | Township/City: | Facility Phone Number:

Facility Operator: 47th Street & 58th Road LLC

TYPE OF PETROLEUM FACILITY (Check only one)

- ☐ 01=Storage Terminal/Petrol. Distributor
- ☐ 02=Retail Gasoline Sales
- ☐ 03=Other Retail Sales
- ☐ 04=Manufacturing
- ☐ 05=Utility
- ☐ 06=Trucking/Transportation/Fleet
- ☐ 07=Apartment/Office Building
- ☐ 08=School
- ☐ 09=Farm
- ☐ 10=Private Residence
- ☐ 11=Airline/Air Taxi/Airport
- ☐ 12=Chemical Distributor
- ☐ 13=Municipality
- ☐ 15=Railroad
- ☐ 25=Auto Service/Repair (No Gasoline Sales)
- ☐ 28=Cemetery/Memorial
- ☐ 26=Religious (Church, Synagogue, Mosque, Temple, etc.)
- ☐ 27=Hospital/Nursing Home/Health Care
- ☐ 52=Marina
- ☐ 53=Nuclear Power Plant
- ☑ 99=Other (Specify): Wholesale Masonry, Equipment, and Supply

Emergency Contact Name: | Emergency Telephone Number:

NOTE:

Fill in Property Owner information here....>>>

Indicate Tank Owner in Section C.

OWNER

Facility (Property) Owner (from Deed): 47th Street & 58th Road LLC

Facility Owner Address (Street and/or P.O. Box): Pier 1, Bay 1

City: San Francisco | State: CA | ZIP Code: 94111

Owner Telephone Number: (415) 733 - 9574

Type of Owner (check only one):

- 1 ☐ Private Resident
- 2 ☐ State Government
- 3 ☐ Local Government
- 4 ☐ Federal Government
- 5 ☑ Corporate/Commercial/Other

I hereby certify, under penalty of law, that all of the information provided on this form is true and correct. False statements made herein may be punishable as a criminal offense and/or a civil violation in accordance with applicable state and federal law.

Name of Owner or Authorized Representative: Brett Richer | Amount Enclosed: $ 300

Title: Director, Global Engineering and Environmental Services

Signature: | Date:

CORRESPONDENCE

(Please keep this information up to date.)

Facility Contact Person Name: Brett Richer

Contact Person Company Name: 47th Street & 58th Road LLC

Address: Pier 1, Bay 1

Address (cont.):

City/State/ZIP Code: San Francisco, California, 94111

Tel. Number: (415) 733 - 9574 | eMail Address: bricher@prologis.com

Official Use Only
Date Received: ____/____/____
Date Processed: ____/____/____
Amount Received: $_____
Reviewed By: _____

Rev. 6/26/2019

PBS Number:
2-350001

Section B - Tank Information

(Please use the key located on the last page to complete each item/column)

Registration Expiration Date:

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)
Action	Tank Number	Tank Location	Status	Installation, out-of-service, or Permanent ClosureDate (mm/dd/yyyy) **Application will be returned if blank**	Capacity (Gallons)	Product Stored (If Gasoline w/ethanol or Biodiesel, list % additive)	Tank Type	Tank Internal Protection	Tank External Protection	Tank Secondary Containment	Tank Leak Detection	Tank Overfill Prevention	Tank Spill Prevention	Pumping/Dispensing Method	Piping Location	Piping Type	Piping External Protection	Piping Secondary Containment	Piping Leak Detection	Under Dispenser Containment (UDC) (Check box if present)
3	001	5	3	12/01/1998	4500	0008	01	00	00	04	05	00	00	00	00	00	00	00	00	☐
3	002	5	3	2/21/2022	550	0022	01	00	00	00	00	00	00	00	00	00	00	00	00	☐
3	003	5	3	2/21/2022	3500	0008	01	00	00	00	00	00	00	00	00	00	00	00	00	☐
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Note: If you need to add tanks to your registration, write them in using blank lines above. Attach additional sheets as needed.
Blank Section B is available at http:/www.dec.ny.gov/docs/remediation_hudson_pdf/pbsrenewal.pdf

PBS Number:

Petroleum Bulk Storage Application

Section C - Tank Ownership Information (for PBS tanks listed in Section B

Tank Owner Information

☑ Check box if same as Facility (Property) Owner.
If tank owner is different from property owner, fill out information below:

Tank Owner Name (Company/Individual):

Contact Person:

Tank Owner Address:

City: | State: | ZIP:

Contact Person Telephone Number: | Contact Person email:

Specific Tanks Owned

☐ Check box if this owner owns all tanks at this facility.
If not, list tanks owned by this owner below:

Tank Number:

Name of Class B (Daily On-Site) Operator: | Authorization No:

Name of Class A (Primary) Operator: | Authorization No:

Tank Owner Information

☐ Check box if same as Facility (Property) Owner.
If tank owner is different from property owner, fill out information below:

Tank Owner Name (Company/Individual):

Contact Person:

Tank Owner Address:

City: | State: | ZIP:

Contact Person Telephone Number: | Contact Person email:

Specific Tanks Owned

☐ Check box if this owner owns all tanks at this facility.
If not, list tanks owned by this owner below:

Tank Number:

Name of Class B (Daily On-Site) Operator: | Authorization No:

Name of Class A (Primary) Operator: | Authorization No:

PETROLEUM BULK STORAGE APLICATION - SECTION B - TANK INFORMATION - CODE KEYS

Action (1)

1. Initial Listing
2. Add Tank
3. Close/Remove Tank
4. Information Correction
5. Repair/Reline Tank

Tank Location (3)

1. Aboveground-contact w/soil
2. Aboveground-contact w/ impervious barrier
3. Aboveground on saddles, legs, stilts, rack or cradle
4. Partially buried tank (tank with 10% or more below ground)
5. Underground including vaulted with no access for inspection
6. Aboveground in Subterranean Vault w/access for inspections

Status (4)

1. In-service
2. Out-of-service
3. Closed-Removed
4. Closed- In Place
5. Tank converted to Non-Regulated use

Products Stored (7)

Heating Oils: On-Site Consumption

0001. #2 Fuel Oil
0002. #4 Fuel Oil
0259. #5 Fuel Oil
0003. #6 Fuel Oil
0012. Kerosene
0591. Clarified Oil
2711. Biodiesel (Heating)
2642. Used Oil (Heating)

Heating Oils: Resale/ Redistribution

2718. #2 Fuel Oil
2719. #4 Fuel Oil
2720. #5 Fuel Oil
2721. #6 Fuel Oil
2722. Kerosene
2723. Clarified Oil

Motor Fuels

0009. Gasoline
2712. Gasoline/Ethanol
0008. Diesel
2710. Biodiesel
0011. Jet Fuel
1044. Jet Fuel (Biofuel)
2641. Aviation Gasoline

Emergency Generator Fuels

0001. #2 Fuel Oil
2730. Biodiesel (E-Gen)
2731. Diesel (E-Gen)

Lubricating/Cutting Oils

0013. Lube Oil
0015. Motor Oil
1045. Gear/Spindle Oil
0010. Hydraulic Oil
0007. Cutting Oil
0021. Transmission Fluid
1836. Turbine Oil
0308. Petroleum Grease

Oils Used as Building Materials

2626. Asphaltic Emulsions
0748. Form Oil

Petroleum Spirits

0014. White/Mineral Spirits
1731. Naptha

Mineral/Insulating Oils

0020. Insulating Oil (e.g., Transformer, Cable Oil)
2630. Mineral Oil

Waste/Used/Other Oils

0022 Waste/Used Oil
9999. Other-Please list:*

Crude Oil

0006. Crude Oil
0701. Crude Oil Fractions

Tank Type (8)

01. Steel/Carbon Steel/Iron
02. Galvanized Steel Alloy
03. Stainless Steel Alloy
04. Fiberglass Coated Steel
05. Steel Tank in Concrete
06. Fiberglass Reinforced Plastic (FRP)
07. Plastic
08. Equivalent Technology
09. Concrete
10. Urethane Clad Steel
99. Other-Please list:*

Internal Protection (9)

00. None
01 Epoxy Liner
02. Rubber Liner
03. Fiberglass Liner (FRP)
04. Glass Liner
99. Other-Please list:*

External Protection (10/18)

00. None
01. Painted/Asphalt Coating
02. Original Sacrificial Anode
03. Original Impressed Current
04. Fiberglass
05. Jacketed
06. Wrapped (Piping)
07 Retrofitted Sacrificial Anode
08. Retrofitted Impressed Current
09. Urethane
99. Other-Please list:*

Tank Secondary Containment (11)

00. None
01. Diking (AST Only)
02. Vault (w/access)
03. Vault (w/o access)
04. Double-Walled (UST Only)
05. Synthetic Liner
06. Remote Impounding Area
07. Excavation Liner
09. Modified Double-Walled (AST Only)
10. Impervious Underlayment (AST Only)**
11. Double Bottom (AST Only)**
12. Double-Walled (AST Only)
99. Other - Please list*

Tank Leak Detection (12)

00. None
01. Interstitial Electronic Monitoring
02. Interstitial Manual Monitoring
03. Vapor Well
04. Groundwater Well
05. In-Tank System (Auto Tank
06. Impervious Barrier/Concrete Pad (AST Only)
07. Statistical Inventory Reconciliation (SIR)
08. Weep holes in vaults with no access for inspection
99. Other-Please list: *

Overfill Protection (13)

00. None
01. Float Vent Valve
02. High Level Alarm
03. Automatic Shut-Off
04. Product Level Gauge (AST Only)
05. Vent Whistle
99. Other-Please list:*

Spill Prevention (14)

00. None
01. Catch Basin
99. Other-Please list:*

Pumping/Dispensing Method (15)

00. None
01. Presurized Dispenser
02. Suction Dispenser
03. Gravity
04. On-Site Heating System (Suction)
05. On-Site Heating System (Supply/Return)
06. Tank-Mounted Dispenser
07. Loading Rack/Transfer Pump

Piping Location (16)

00. No Piping
01. Aboveground
02. Underground/On-ground
03. Aboveground/Underground Combination

Piping Type (17)

00. None
01. Steel/Carbon Steel/Iron
02. Galvanized Steel
03. Stainless Steel Alloy
04. Fiberglass Coated Steel
05. Steel Encased in Concrete
06. Fiberglass Reinforced Plastic (FRP)
07. Plastic
08. Equivalent Technology
09. Concrete
10. Copper
11. Flexible Piping
99. Other-Please list:*

Piping Secondary Containment (19)

00. None
01. Diking (Aboveground Only)
02. Vault (w/access)
04. Double-Walled (Underground Only)
06. Remote Impounding Area
07. Trench Liner
12. Double-Walled (Aboveground Only)
99. Other-Please list: *

Pipe Leak Detection (20)

00. None
01. Interstitial Electronic Monitoring
02. Insterstitial Manual Monitoring
03. Vapor Well
04. Groundwater Well
07. Pressurized Piping Leak Detector
09. Exempt Suction Piping
10. Statistical Inventory Reconciliation (SIR)
99. Other-Please list:*

Under Dispenser Containment (UDC) (21)

Check Box if Present

- - - - - - - - - - - - - -

* If other, please list on a separate sheet including tank number,

** Each of these codes must be combined with code 01 or 06 to meet compliance requirements.

ATTACHMENT B
FDNY TANK REMOVAL AFFIDAVIT

AARCO Environmental Services Corp.

Date: 16-Mar-22

New York City Fire Department
Bureua of Fire Prevention
9 MetroTech Center
Brooklyn, NY 11201

**** AFFIDAVIT ****

Site Location: 57-05 47th Street, Maspeth, Queens NY 11378
Job Description: Removal of One (1) 550 Gallon Waste Oil Underground Storage Tanks

In accordance with Title 3 RCNY at 21-02 and FDNY Code R3404-01:
I have supervised the permanent removal of: (1) 550 Gallon Underground Storage Tank(s) at: 57-05 47th Street, Maspeth, Queens NY 11378

- Contents of tank(s) were removed and legally disposed of.
- Tanks were thorougly cleaned and rendered free of combustible vapors.
- All pipes were removed.
- Fill ports were removed/abandoned with concrete/capped.
- Work was performed on: 21-Feb-22 through 3/11/2022
- Tanks was: Removed
- Environmental site assessment has been performed in accordance with the requirements of federal or state law/regulations.

Roger Terlaga

New York City Underground Tank Installer
Certified of License # 85314227, expiration: 7/ 7/22/2023

Sworn before me this 16 day of Mar-22

Pamela DiTommaso
Notary Public

Pamela DiTommaso
NOTARY PUBLIC, STATE OF NEW YORK
Registration No. 01PI6140141
Qualified in Suffolk County
Commission Expires January 23, 2026

50 Gear Avenue, Lindenhurst, NY 11757 Phone: (631) 586-5900 Fax: (631) 586-5910

AARCO Environmental Services Corp.

Date: 16-Mar-22

New York City Fire Department
Bureua of Fire Prevention
9 MetroTech Center
Brooklyn, NY 11201

**** AFFIDAVIT ****

Site Location: 57-05 47th Street, Maspeth, Queens NY 11378
Job Description: Removal of One (1) 3,500 Gallon Fuel Oil Underground Storage Tanks

In accordance with Title 3 RCNY at 21-02 and FDNY Code R3404-01:
I have supervised the permanent removal of: (1) 3,500 Gallon Underground Storage Tank(s) at: 57-05 47th Street, Maspeth, Queens NY 11378

- Contents of tank(s) were removed and legally disposed of.
- Tanks were thorougly cleaned and rendered free of combustible vapors.
- All pipes were removed.
- Fill ports were removed/abandoned with concrete/capped.
- Work was performed on: 21-Feb-22 through 3/11/2022
- Tanks was: Removed
- Environmental site assessment has been performed in accordance with the requirements of federal or state law/regulations.

Roger Terlaga

New York City Underground Tank Installer
Certified of License # 85314227, expiration: 7/ 7/22/2023

Sworn before me this 16 day of Mar-22

Pamela DiTommaso
Notary Public

Pamela DiTommaso
NOTARY PUBLIC, STATE OF NEW YORK
Registration No. 01PI6140141
Qualified in Suffolk County
Commission Expires January 23, 2026

50 Gear Avenue, Lindenhurst, NY 11757 Phone: (631) 586-5900 Fax: (631) 586-5910

ATTACHMENT C
WASTE DISPOSAL MANIFESTS

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
N/A	1	631-586-5900	NHWM11123-B

5. Generator's Name and Mailing Address

Generator's Site Address (if different than mailing address)
57-05 47TH STREET
MASPETH, NY 11378

Generator's Phone:

6. Transporter 1 Company Name: AARCO ENVIRONMENTAL SERVICES — U.S. EPA ID Number: NYR000107326

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
DALE TRANSFER CORPORATION
129 DALE STREET, WEST BABYLON NY 11704
631-393-2882
U.S. EPA ID Number: N/A

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	NON-REGULATED MATERIAL – TANK BOTTOMS (oily/water)	001	T/T	3150	GALS
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information
1. APPROVAL NO. 2022-006
JOB NO. 11123 | TRUCK NO. 1654

NO18
N/A

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: (X) Agent on Behalf of Prologis - Langan Rebekah Diehl — Signature: (X) — Month 2 Day 21 Year 22

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Gerard Sallows — Signature — Month 2 Day 21 Year 22

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number: U.S. EPA ID Number

17b. Alternate Facility (or Generator)

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

print or type
designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
N/A		586-5400	NHWM 11123

5. Generator's Name and Mailing Address: LANgan 57-07 47th St Engineering Maspeth NY 11378
Generator's Phone: 973-560-4613

Generator's Site Address (if different than mailing address): same

6. Transporter 1 Company Name: AARCO Environmental — U.S. EPA ID Number: NYR000107326

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: 179 Dale St Dale Transfer corp West Babylon 11704 — U.S. EPA ID Number: N/A
Facility's Phone: 631 393-2881

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	NON Regulated / Tank Bottom	003	DM	1,500	P
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information
truck # B40
Appral # 2027-101

14. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name: Preston Lai as Agent of Generator (Prologis) — Signature: Preston Lai — Month 5 Day 10 Year 22

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Bryan Bost — Signature: Bryan Bost — Month 3 Day 10 Year 22
Transporter 2 Printed/Typed Name — Signature — Month Day Year

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

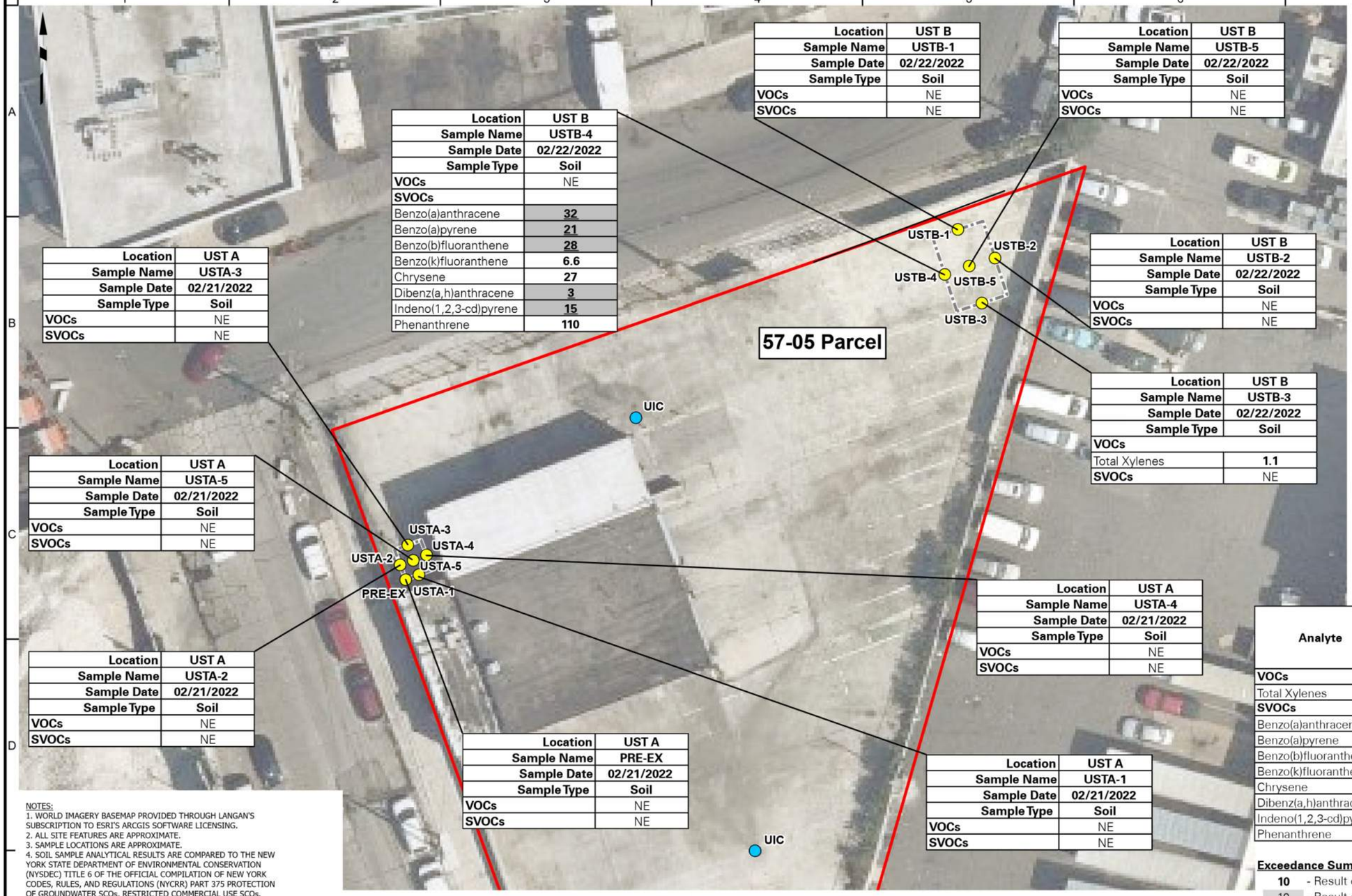
17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name — Signature — Month Day Year

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

Printed in USA by GC Labels 1-800-997-6966
DESIGNATED FACILITY TO GENERATOR
Reorder Part# MANIFEST-C6NHW 913-897-6966

FIGURES



Location	UST B
Sample Name	USTB-1
Sample Date	02/22/2022
Sample Type	Soil
VOCs	NE
SVOCs	NE

Location	UST B
Sample Name	USTB-5
Sample Date	02/22/2022
Sample Type	Soil
VOCs	NE
SVOCs	NE

Location	UST B
Sample Name	USTB-4
Sample Date	02/22/2022
Sample Type	Soil
VOCs	NE
SVOCs	
Benzo(a)anthracene	**32**
Benzo(a)pyrene	**21**
Benzo(b)fluoranthene	**28**
Benzo(k)fluoranthene	**6.6**
Chrysene	**27**
Dibenz(a,h)anthracene	**3**
Indeno(1,2,3-cd)pyrene	**15**
Phenanthrene	**110**

Location	UST B
Sample Name	USTB-2
Sample Date	02/22/2022
Sample Type	Soil
VOCs	NE
SVOCs	NE

Location	UST A
Sample Name	USTA-3
Sample Date	02/21/2022
Sample Type	Soil
VOCs	NE
SVOCs	NE

Location	UST B
Sample Name	USTB-3
Sample Date	02/22/2022
Sample Type	Soil
VOCs	
Total Xylenes	**1.1**
SVOCs	NE

Location	UST A
Sample Name	USTA-5
Sample Date	02/21/2022
Sample Type	Soil
VOCs	NE
SVOCs	NE

Location	UST A
Sample Name	USTA-4
Sample Date	02/21/2022
Sample Type	Soil
VOCs	NE
SVOCs	NE

Location	UST A
Sample Name	USTA-2
Sample Date	02/21/2022
Sample Type	Soil
VOCs	NE
SVOCs	NE

Location	UST A
Sample Name	PRE-EX
Sample Date	02/21/2022
Sample Type	Soil
VOCs	NE
SVOCs	NE

Location	UST A
Sample Name	USTA-1
Sample Date	02/21/2022
Sample Type	Soil
VOCs	NE
SVOCs	NE

Legend

- Underground Storage Tank Sample Location
- Underground Injection Control Unit
- Approximate Site Boundary
- Former Underground Storage Tank Location

Analyte	NYSDEC CP51 SCLs for Fuel Oil Contaminated Soils	NYSDEC Part 375 Restricted Use Commercial SCOs	NYSDEC Part 375 Restricted Use Industrial SCOs
VOCs			
Total Xylenes	0.26	500	1000
SVOCs			
Benzo(a)anthracene	1	5.6	11
Benzo(a)pyrene	1	1	1.1
Benzo(b)fluoranthene	1	5.6	11
Benzo(k)fluoranthene	0.8	56	110
Chrysene	1	56	110
Dibenz(a,h)anthracene	0.33	0.56	1.1
Indeno(1,2,3-cd)pyrene	0.5	5.6	11
Phenanthrene	100	500	1000

Exceedance Summary:

10 - Result exceeds CP51 SCLs for Fuel Oil Contaminated Soils
10 - Result exceeds Restricted Use Industrial SCOs
10 - Result exceeds Restricted Use Commercial SCOs

NOTES:
1. WORLD IMAGERY BASEMAP PROVIDED THROUGH LANGAN'S SUBSCRIPTION TO ESRI'S ARCGIS SOFTWARE LICENSING.
2. ALL SITE FEATURES ARE APPROXIMATE.
3. SAMPLE LOCATIONS ARE APPROXIMATE.
4. SOIL SAMPLE ANALYTICAL RESULTS ARE COMPARED TO THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) TITLE 6 OF THE OFFICIAL COMPILATION OF NEW YORK CODES, RULES, AND REGULATIONS (NYCRR) PART 375 PROTECTION OF GROUNDWATER SCOs, RESTRICTED COMMERCIAL USE SCOs, AND RESTRICTED INDUSTRIAL USE SCOs.
5. ONLY COMPOUNDS DETECTED AT CONCENTRATIONS ABOVE UU SCOs ARE SHOWN.
6. VOC = VOLATILE ORGANIC COMPOUND
7. SVOC = SEMIVOLATILE ORGANIC COMPOUND
8. mg/kg = MILLIGRAM PER KILOGRAM
9. ND = NOT DETECTED
10. NE = NOT EXCEEDED
11. U = THE ANALYTE WAS ANALYZED FOR , BUT WAS NOT DETECTED AT A LEVEL GREATER THAN OR EQUAL TO THE RL; THE VALUE SHOWN IN THE TABLE IS THE RL
12. J = THE ANALYTE WAS DETECTED ABOVE THE METHOD DETECTION LEVEL (MDL), BUT BELOW THE REPORTING LIMIT (RL), THEREFORE THE RESULT IS AN ESTIMATED CONCENTRATION

30 0 30
SCALE IN FEET

LANGAN
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Project
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BLOCK No. 2602
LOT No. 72
QUEENS NEW YORK

Figure Title
UST SAMPLE LOCATIONS AND ANALYTICAL RESULTS

Project No. 100965501
Date 4/26/2022
Scale 1"=30'
Drawn By MG
Figure No. 1

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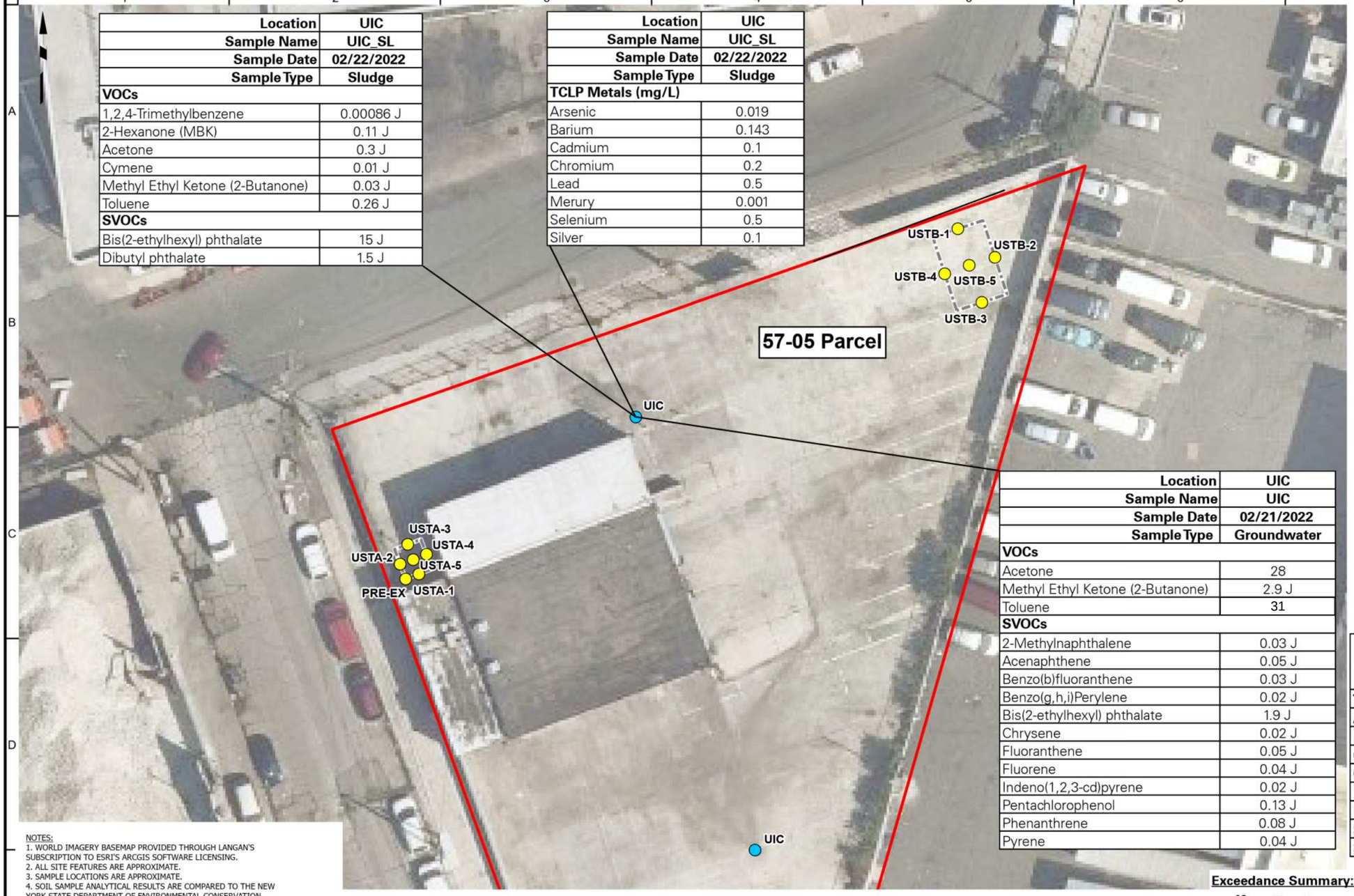
Location	UIC
Sample Name	UIC_SL
Sample Date	02/22/2022
Sample Type	Sludge
VOCs	
1,2,4-Trimethylbenzene	0.00086 J
2-Hexanone (MBK)	0.11 J
Acetone	0.3 J
Cymene	0.01 J
Methyl Ethyl Ketone (2-Butanone)	0.03 J
Toluene	0.26 J
SVOCs	
Bis(2-ethylhexyl) phthalate	15 J
Dibutyl phthalate	1.5 J

Location	UIC
Sample Name	UIC_SL
Sample Date	02/22/2022
Sample Type	Sludge
TCLP Metals (mg/L)	
Arsenic	0.019
Barium	0.143
Cadmium	0.1
Chromium	0.2
Lead	0.5
Merury	0.001
Selenium	0.5
Silver	0.1



Legend

- Underground Storage Tank Sample Location
- Underground Injection Control Unit
- Approximate Site Boundary
- Former Underground Storage Tank Location

Location	UIC
Sample Name	UIC
Sample Date	02/21/2022
Sample Type	Groundwater
VOCs	
Acetone	28
Methyl Ethyl Ketone (2-Butanone)	2.9 J
Toluene	31
SVOCs	
2-Methylnaphthalene	0.03 J
Acenaphthene	0.05 J
Benzo(b)fluoranthene	0.03 J
Benzo(g,h,i)Perylene	0.02 J
Bis(2-ethylhexyl) phthalate	1.9 J
Chrysene	0.02 J
Fluoranthene	0.05 J
Fluorene	0.04 J
Indeno(1,2,3-cd)pyrene	0.02 J
Pentachlorophenol	0.13 J
Phenanthrene	0.08 J
Pyrene	0.04 J

Analyte	EPA TCLP Maximum Characteristic Concentration
Toxicity Characteristic Leaching Procedure (TCLP)	
Arsenic	5
Barium	100
Cadmium	1
Chromium	5
Lead	5
Mercury	0.2
Selenium	1
Silver	5

Exceedance Summary:

10 - Result exceeds EPA maximum toxicity characteristic concentration

NOTES:
1. WORLD IMAGERY BASEMAP PROVIDED THROUGH LANGAN'S SUBSCRIPTION TO ESRI'S ARCGIS SOFTWARE LICENSING.
2. ALL SITE FEATURES ARE APPROXIMATE.
3. SAMPLE LOCATIONS ARE APPROXIMATE.
4. SOIL SAMPLE ANALYTICAL RESULTS ARE COMPARED TO THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) TITLE 6 OF THE OFFICIAL COMPILATION OF NEW YORK CODES, RULES, AND REGULATIONS (NYCRR) PART 375 UNRESTRICTED USE (UU) SOIL CLEANUP OBJECTIVES (SCO) AND RESTRICTED USE RESTRICTED-RESIDENTIAL (RURR) SCOs.
5. ONLY COMPOUNDS DETECTED AT CONCENTRATIONS ABOVE UU SCOs ARE SHOWN.
6. VOC = VOLATILE ORGANIC COMPOUND
7. SVOC = SEMIVOLATILE ORGANIC COMPOUND
8. mg/kg = MILLIGRAM PER KILOGRAM
9. ND = NOT DETECTED
10. NE = NOT EXCEEDED
11. J = THE ANALYTE WAS DETECTED ABOVE THE METHOD DETECTION LEVEL (MDL), BUT BELOW THE REPORTING LIMIT (RL), THEREFORE THE RESULT IS AN ESTIMATED CONCENTRATION

30 0 30
SCALE IN FEET

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LOT No. 72
QUEENS NEW YORK

Figure Title
UIC SAMPLE LOCATIONS AND ANALYTICAL RESULTS

Project No. 100965501
Date 4/26/2022
Scale 1"=30'
Drawn By MG
Figure No. 2

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TABLES

Table 1
UST A (550-Gallon Waste Oil UST) Soil Sampling Summary
Project # 100965501 - 47th Street Site, Maspeth, NY

Analyte	CAS Number	NYSDEC CP51 SCLs for Gasoline and Fuel Oil Contaminated Soils	NYSDEC Part 375 Restricted Use Commercial SCOs	NYSDEC Part 375 Restricted Use Industrial SCOs	Location	PRE-EX	USTA-1	USTA-2	USTA-3	USTA-4	USTA-5
					Sample Name	PRE-EX	USTA-1	USTA-2	USTA-3	USTA-4	USTA-5
					Sample Date	02/21/2022	02/21/2022	02/21/2022	02/21/2022	02/21/2022	02/21/2022
					Sample Type	Soil	Soil	Soil	Soil	Soil	Soil
				Unit	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds											
1,1,1,2-Tetrachloroethane	630-20-6	NS	NS	NS	mg/kg	<0.00044 U	<0.00056 U	<0.00044 U	<0.00055 U	<0.00045 U	<0.00041 U
1,1,1-Trichloroethane	71-55-6	NS	500	1000	mg/kg	<0.00044 U	<0.00056 U	<0.00044 U	<0.00055 U	<0.00045 U	<0.00041 U
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	NS	mg/kg	<0.00044 U	<0.00056 U	<0.00044 U	<0.00055 U	<0.00045 U	<0.00041 U
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	mg/kg	<0.00088 U	<0.0011 U	<0.00089 U	<0.0011 U	<0.0009 U	<0.00081 U
1,1-Dichloroethane	75-34-3	NS	240	480	mg/kg	<0.00088 U	<0.0011 U	<0.00089 U	<0.0011 U	<0.0009 U	<0.00081 U
1,1-Dichloroethene	75-35-4	NS	500	1000	mg/kg	<0.00088 U	<0.0011 U	<0.00089 U	<0.0011 U	<0.0009 U	<0.00081 U
1,1-Dichloropropene	563-58-6	NS	NS	NS	mg/kg	<0.00044 U	<0.00056 U	<0.00044 U	<0.00055 U	<0.00045 U	<0.00041 U
1,2,3-Trichlorobenzene	87-61-6	NS	NS	NS	mg/kg	<0.0018 U	<0.0022 U	<0.0018 U	<0.0022 U	<0.0018 U	<0.0016 U
1,2,3-Trichloropropane	96-18-4	NS	NS	NS	mg/kg	<0.0018 U	<0.0022 U	<0.0018 U	<0.0022 U	<0.0018 U	<0.0016 U
1,2,4,5-Tetramethylbenzene	95-93-2	NS	NS	NS	mg/kg	0.02 J	<0.0022 U	0.024 J	0.00037 J	<0.0018 U	<0.0016 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	<0.0018 U	<0.0022 U	<0.0018 U	<0.0022 U	<0.0018 U	<0.0016 U
1,2,4-Trimethylbenzene	95-63-6	3.6	190	380	mg/kg	0.015 J	<0.0022 U	0.064 J	0.00041 J	<0.0018 U	<0.0016 U
1,2-Dibromo-3-Chloropropane	96-12-8	NS	NS	NS	mg/kg	<0.0026 U	<0.0033 U	<0.0027 U	<0.0033 U	<0.0027 U	<0.0024 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS	NS	NS	mg/kg	<0.00088 U	<0.0011 U	<0.00089 U	<0.0011 U	<0.0009 U	<0.00081 U
1,2-Dichlorobenzene	95-50-1	NS	500	1000	mg/kg	<0.0018 U	<0.0022 U	<0.0018 U	<0.0022 U	<0.0018 U	<0.0016 U
1,2-Dichloroethane	107-06-2	NS	30	60	mg/kg	<0.00088 U	<0.0011 U	<0.00089 U	<0.0011 U	<0.0009 U	<0.00081 U
1,2-Dichloropropane	78-87-5	NS	NS	NS	mg/kg	<0.00088 U	<0.0011 U	<0.00089 U	<0.0011 U	<0.0009 U	<0.00081 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	8.4	190	380	mg/kg	0.0023 J	<0.0022 U	0.016 J	<0.0022 U	<0.0018 U	<0.0016 U
1,3-Dichlorobenzene	541-73-1	NS	280	560	mg/kg	<0.0018 U	<0.0022 U	<0.0018 U	<0.0022 U	<0.0018 U	<0.0016 U
1,3-Dichloropropane	142-28-9	NS	NS	NS	mg/kg	<0.0018 U	<0.0022 U	<0.0018 U	<0.0022 U	<0.0018 U	<0.0016 U
1,4-Dichlorobenzene	106-46-7	NS	130	250	mg/kg	<0.0018 U	<0.0022 U	<0.0018 U	<0.0022 U	<0.0018 U	<0.0016 U
1,4-Diethyl Benzene	105-05-5	NS	NS	NS	mg/kg	0.006 J	<0.0022 U	0.04 J	<0.0022 U	<0.0018 U	<0.0016 U
1,4-Dioxane (P-Dioxane)	123-91-1	NS	130	250	mg/kg	<0.071 U	<0.089 U	<0.071 U	<0.087 U	<0.072 U	<0.065 U
2,2-Dichloropropane	594-20-7	NS	NS	NS	mg/kg	<0.0018 U	<0.0022 U	<0.0018 U	<0.0022 U	<0.0018 U	<0.0016 U
2-Chlorotoluene	95-49-8	NS	NS	NS	mg/kg	<0.0018 U	<0.0022 U	<0.0018 U	<0.0022 U	<0.0018 U	<0.0016 U
2-Hexanone (MBK)	591-78-6	NS	NS	NS	mg/kg	<0.0088 U	<0.011 U	<0.0089 U	<0.011 U	<0.009 U	<0.0081 U
4-Chlorotoluene	106-43-4	NS	NS	NS	mg/kg	<0.0018 U	<0.0022 U	<0.0018 U	<0.0022 U	<0.0018 U	<0.0016 U
4-Ethyltoluene	622-96-8	NS	NS	NS	mg/kg	0.012 J	<0.0022 U	0.031 J	<0.0022 U	<0.0018 U	<0.0016 U
Acetone	67-64-1	NS	500	1000	mg/kg	0.09 J	<0.011 U	0.063 J	0.03	<0.009 U	0.013
Acrylonitrile	107-13-1	NS	NS	NS	mg/kg	<0.0035 U	<0.0044 U	<0.0036 U	<0.0044 U	<0.0036 U	<0.0032 U
Benzene	71-43-2	0.06	44	89	mg/kg	0.00048 J	<0.00056 U	0.00042 J	<0.00055 U	<0.00045 U	<0.00041 U
Bromobenzene	108-86-1	NS	NS	NS	mg/kg	<0.0018 U	<0.0022 U	<0.0018 U	<0.0022 U	<0.0018 U	<0.0016 U
Bromochloromethane	74-97-5	NS	NS	NS	mg/kg	<0.0018 U	<0.0022 U	<0.0018 U	<0.0022 U	<0.0018 U	<0.0016 U
Bromodichloromethane	75-27-4	NS	NS	NS	mg/kg	<0.00044 U	<0.00056 U	<0.00044 U	<0.00055 U	<0.00045 U	<0.00041 U
Bromoform	75-25-2	NS	NS	NS	mg/kg	<0.0035 U	<0.0044 U	<0.0036 U	<0.0044 U	<0.0036 U	<0.0032 U
Bromomethane	74-83-9	NS	NS	NS	mg/kg	<0.0018 U	<0.0022 U	<0.0018 U	<0.0022 U	<0.0018 U	<0.0016 U
Carbon Disulfide	75-15-0	NS	NS	NS	mg/kg	<0.0088 U	<0.011 U	<0.0089 U	<0.011 U	<0.009 U	<0.0081 U
Carbon Tetrachloride	56-23-5	NS	22	44	mg/kg	<0.00088 U	<0.0011 U	<0.00089 U	<0.0011 U	<0.0009 U	<0.00081 U
Chlorobenzene	108-90-7	NS	500	1000	mg/kg	<0.00044 U	<0.00056 U	<0.00044 U	<0.00055 U	<0.00045 U	<0.00041 U
Chloroethane	75-00-3	NS	NS	NS	mg/kg	<0.0018 U	<0.0022 U	<0.0018 U	<0.0022 U	<0.0018 U	<0.0016 U
Chloroform	67-66-3	NS	350	700	mg/kg	<0.0013 U	<0.0017 U	<0.0013 U	<0.0016 U	0.00013 J	<0.0012 U
Chloromethane	74-87-3	NS	NS	NS	mg/kg	<0.0035 U	<0.0044 U	<0.0036 U	<0.0044 U	<0.0036 U	<0.0032 U
Cis-1,2-Dichloroethene	156-59-2	NS	500	1000	mg/kg	<0.00088 U	<0.0011 U	<0.00089 U	<0.0011 U	<0.0009 U	<0.00081 U
Cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	mg/kg	<0.00044 U	<0.00056 U	<0.00044 U	<0.00055 U	<0.00045 U	<0.00041 U
Cymene	99-87-6	10	NS	NS	mg/kg	0.0097 J	<0.0011 U	0.0066 J	<0.0011 U	<0.0009 U	<0.00081 U
Dibromochloromethane	124-48-1	NS	NS	NS	mg/kg	<0.00088 U	<0.0011 U	<0.00089 U	<0.0011 U	<0.0009 U	<0.00081 U
Dibromomethane	74-95-3	NS	NS	NS	mg/kg	<0.0018 U	<0.0022 U	<0.0018 U	<0.0022 U	<0.0018 U	<0.0016 U
Dichlorodifluoromethane	75-71-8	NS	NS	NS	mg/kg	<0.0088 U	<0.011 U	<0.0089 U	<0.011 U	<0.009 U	<0.0081 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	NS	NS	mg/kg	<0.0018 U	<0.0022 U	<0.0018 U	<0.0022 U	<0.0018 U	<0.0016 U
Ethylbenzene	100-41-4	1	390	780	mg/kg	0.0017 J	<0.0011 U	0.004 J	<0.0011 U	<0.0009 U	<0.00081 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<0.0035 U	<0.0044 U	<0.0036 U	<0.0044 U	<0.0036 U	<0.0032 U
Isopropylbenzene (Cumene)	98-82-8	2.3	NS	NS	mg/kg	0.0016 J	<0.0011 U	0.0042 J	<0.0011 U	<0.0009 U	<0.00081 U
M,P-Xylene	179601-23-1	NS	NS	NS	mg/kg	0.0041 J	<0.0022 U	0.014 J	<0.0022 U	<0.0018 U	<0.0016 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	NS	500	1000	mg/kg	0.02 J	<0.011 U	0.016 J	0.0042 J	<0.009 U	<0.0081 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	NS	NS	mg/kg	<0.0088 U	<0.011 U	<0.0089 U	<0.011 U	<0.009 U	<0.0081 U
Methylene Chloride	75-09-2	NS	500	1000	mg/kg	<0.0044 U	<0.0056 U	<0.0044 U	<0.0055 U	<0.0045 U	<0.0041 U
Naphthalene	91-20-3	12	500	1000	mg/kg	0.0055 J	<0.0044 U	0.018 J	<0.0044 U	<0.0036 U	<0.0032 U
n-Butylbenzene	104-51-8	12	500	1000	mg/kg	0.0052 J	<0.0011 U	0.0082 J	<0.0011 U	<0.0009 U	<0.00081 U
n-Propylbenzene	103-65-1	3.9	500	1000	mg/kg	0.0026 J	<0.0011 U	0.0067 J	<0.0011 U	<0.0009 U	<0.00081 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	mg/kg	0.0075 J	<0.0011 U	0.021 J	<0.0011 U	<0.0009 U	<0.00081 U
Sec-Butylbenzene	135-98-8	11	500	1000	mg/kg	0.0049 J	<0.0011 U	0.0074 J	<0.0011 U	<0.0009 U	<0.00081 U
Styrene	100-42-5	NS	NS	NS	mg/kg	<0.00088 U	<0.0011 U	<0.00089 U	<0.0011 U	<0.0009 U	<0.00081 U
T-Butylbenzene	98-06-6	5.9	500	1000	mg/kg	0.00084 J	<0.0022 U	0.0006 J	<0.0022 U	<0.0018 U	<0.0016 U
Tert-Butyl Methyl Ether	1634-04-4	0.93	500	1000	mg/kg	0.00083 J	<0.0022 U	0.00037 J	<0.0022 U	<0.0018 U	<0.0016 U
Tetrachloroethene (PCE)	127-18-4	NS	150	300	mg/kg	0.00099 J	<0.00056 U	0.001 J	<0.00055 U	<0.00045 U	<0.00041 U
Toluene	108-88-3	0.7	500	1000	mg/kg	0.0026 J	<0.0011 U	0.004 J	<0.0011 U	<0.0009 U	<0.00081 U
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	NS	NS	mg/kg	<0.00088 U	<0.0011 U	<0.00089 U	<0.0011 U	<0.0009 U	<0.00081 U
Total Xylenes	1330-20-7	0.26	500	1000	mg/kg	0.012 J	<0.0011 U	0.035 J	<0.0011 U	<0.0009 U	<0.00081 U
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	NS	NS	NS	mg/kg	<0.00044 U	<0.00056 U	<0.00044 U	<0.00055 U	<0.00045 U	<0.00041 U
Trans-1,2-Dichloroethene	156-60-5	NS	500	1000	mg/kg	<0.0013 U	<0.0017 U	<0.0013 U	<0.0016 U	<0.0014 U	<0.0012 U
Trans-1,3-Dichloropropene	10061-02-6	NS	NS	NS	mg/kg	<0.00088 U	<0.0011 U	<0.00089 U	<0.0011 U	<0.0009 U	<0.00081 U
Trans-1,4-Dichloro-2-Butene	110-57-6	NS	NS	NS	mg/kg	<0.0044 U	<0.0056 U	<0.0044 U	<0.0055 U	<0.0045 U	<0.0041 U
Trichloroethene (TCE)	79-01-6	NS	200	400	mg/kg	<0.00044 U	<0.00056 U	<0.00044 U	<0.00055 U	<0.00045 U	<0.00041 U
Trichlorofluoromethane	75-69-4	NS	NS	NS	mg/kg	<0.0035 U	<0.0044 U	<0.0036 U	<0.0044 U	<0.0036 U	<0.0032 U
Vinyl Acetate	108-05-4	NS	NS	NS	mg/kg	<0.0088 U	<0.011 U	<0.0089 U	<0.011 U	<0.009 U	<0.0081 U
Vinyl Chloride	75-01-4	NS	13	27	mg/kg	<0.00088 U	<0.0011 U	<0.00089 U	<0.0011 U	<0.0009 U	<0.00081 U

Table 1
UST A (550-Gallon Waste Oil UST) Soil Sampling Summary
Project # 100965501 - 47th Street Site, Maspeth, NY

Analyte	CAS Number	NYSDEC CP51 SCLs for Gasoline and Fuel Oil Contaminated Soils	NYSDEC Part 375 Restricted Use Commercial SCOs	NYSDEC Part 375 Restricted Use Industrial SCOs	Location	PRE-EX	USTA-1	USTA-2	USTA-3	USTA-4	USTA-5
					Sample Name	PRE-EX	USTA-1	USTA-2	USTA-3	USTA-4	USTA-5
					Sample Date	02/21/2022	02/21/2022	02/21/2022	02/21/2022	02/21/2022	02/21/2022
					Sample Type	Soil	Soil	Soil	Soil	Soil	Soil
				Unit	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds											
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	NS	mg/kg	<1.8 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	<1.8 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
1,2-Dichlorobenzene	95-50-1	NS	500	1000	mg/kg	<1.8 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
1,3-Dichlorobenzene	541-73-1	NS	280	560	mg/kg	<1.8 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
1,4-Dichlorobenzene	106-46-7	NS	130	250	mg/kg	<1.8 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
1,4-Dioxane (P-Dioxane)	123-91-1	NS	130	250	mg/kg	<0.28 U	<0.13 U	<0.14 U	<0.026 U	<0.026 U	<0.027 U
2,4,5-Trichlorophenol	95-95-4	NS	NS	NS	mg/kg	<1.8 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
2,4,6-Trichlorophenol	88-06-2	NS	NS	NS	mg/kg	<1.1 U	<0.54 U	<0.55 U	<0.11 U	<0.1 U	<0.11 U
2,4-Dichlorophenol	120-83-2	NS	NS	NS	mg/kg	<1.7 U	<0.81 U	<0.83 U	<0.16 U	<0.16 U	<0.16 U
2,4-Dimethylphenol	105-67-9	NS	NS	NS	mg/kg	<1.8 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
2,4-Dinitrophenol	51-28-5	NS	NS	NS	mg/kg	<8.9 U	<4.3 UJ	<4.4 UJ	<0.85 UJ	<0.84 U	<0.87 U
2,4-Dinitrotoluene	121-14-2	NS	NS	NS	mg/kg	<1.8 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
2,6-Dinitrotoluene	606-20-2	NS	NS	NS	mg/kg	<1.8 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
2-Chloronaphthalene	91-58-7	NS	NS	NS	mg/kg	<1.8 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
2-Chlorophenol	95-57-8	NS	NS	NS	mg/kg	<1.8 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
2-Methylnaphthalene	91-57-6	NS	NS	NS	mg/kg	0.34 J	0.13 J	0.51 J	<0.21 U	<0.21 U	<0.22 U
2-Methylphenol (o-Cresol)	95-48-7	NS	500	1000	mg/kg	<1.8 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
2-Nitroaniline	88-74-4	NS	NS	NS	mg/kg	<1.8 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
2-Nitrophenol	88-75-5	NS	NS	NS	mg/kg	<4 U	<1.9 U	<2 U	<0.38 U	<0.38 U	<0.39 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	NS	500	1000	mg/kg	<2.7 U	<1.3 U	0.21 J	<0.25 U	<0.25 U	<0.26 U
3,3'-Dichlorobenzidine	91-94-1	NS	NS	NS	mg/kg	<1.8 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
3-Nitroaniline	99-09-2	NS	NS	NS	mg/kg	<1.8 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	NS	NS	mg/kg	<4.8 U	<2.3 U	<2.4 U	<0.46 U	<0.46 U	<0.47 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	NS	NS	mg/kg	<1.8 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
4-Chloro-3-Methylphenol	59-50-7	NS	NS	NS	mg/kg	<1.8 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
4-Chloroaniline	106-47-8	NS	NS	NS	mg/kg	<1.8 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	NS	NS	mg/kg	<1.8 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
4-Nitroaniline	100-01-6	NS	NS	NS	mg/kg	<1.8 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
4-Nitrophenol	100-02-7	NS	NS	NS	mg/kg	<2.6 U	<1.2 U	<1.3 U	<0.25 U	<0.24 U	<0.25 U
Acenaphthene	83-32-9	20	500	1000	mg/kg	<1.5 U	<0.72 U	0.14 J	<0.14 U	<0.14 U	<0.14 U
Acenaphthylene	208-96-8	100	500	1000	mg/kg	<1.5 U	<0.72 U	<0.73 U	<0.14 U	<0.14 U	<0.14 U
Acetophenone	98-86-2	NS	NS	NS	mg/kg	<1.8 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
Anthracene	120-12-7	100	500	1000	mg/kg	<1.1 U	<0.54 U	<0.55 U	<0.11 U	<0.1 U	<0.11 U
Benzo(a)anthracene	56-55-3	1	5.6	11	mg/kg	<1.1 U	<0.54 U	0.1 J	0.022 J	<0.1 U	<0.11 U
Benzo(a)pyrene	50-32-8	1	1	1.1	mg/kg	<1.5 U	<0.72 U	<0.73 U	<0.14 U	<0.14 U	<0.14 U
Benzo(b)fluoranthene	205-99-2	1	5.6	11	mg/kg	<1.1 U	<0.54 U	<0.55 U	<0.11 U	<0.1 U	<0.11 U
Benzo(g,h,i)Perylene	191-24-2	100	500	1000	mg/kg	<1.5 U	<0.72 U	<0.73 U	0.022 J	<0.14 U	<0.14 U
Benzo(k)fluoranthene	207-08-9	0.8	56	110	mg/kg	<1.1 U	<0.54 U	<0.55 U	<0.11 U	<0.1 U	<0.11 U
Benzoic Acid	65-85-0	NS	NS	NS	mg/kg	<6 U	<2.9 UJ	<3 UJ	<0.57 UJ	<0.57 U	<0.59 U
Benzyl Alcohol	100-51-6	NS	NS	NS	mg/kg	<1.8 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
Benzyl Butyl Phthalate	85-68-7	NS	NS	NS	mg/kg	<1.8 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
Biphenyl (Diphenyl)	92-52-4	NS	NS	NS	mg/kg	<4.2 U	<2 U	<2.1 U	<0.4 U	<0.4 U	<0.41 U
Bis(2-chloroethoxy) methane	111-91-1	NS	NS	NS	mg/kg	<2 U	<0.97 U	<0.99 U	<0.19 U	<0.19 U	<0.2 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	NS	NS	NS	mg/kg	<1.7 U	<0.81 U	<0.83 U	<0.16 U	<0.16 U	<0.16 U
Bis(2-chloroisopropyl) ether	108-60-1	NS	NS	NS	mg/kg	<2.2 U	<1.1 U	<1.1 U	<0.21 U	<0.21 U	<0.22 U
Bis(2-ethylhexyl) phthalate	117-81-7	NS	NS	NS	mg/kg	1.5 J	<0.9 U	0.94	1.9	<0.18 U	<0.18 U
Carbazole	86-74-8	NS	NS	NS	mg/kg	<1.8 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
Chrysene	218-01-9	1	56	110	mg/kg	<1.1 U	<0.54 U	<0.55 U	0.019 J	<0.1 U	<0.11 U
Dibenz(a,h)anthracene	53-70-3	0.33	0.56	1.1	mg/kg	<1.1 U	<0.54 U	<0.55 U	<0.11 U	<0.1 U	<0.11 U
Dibenzofuran	132-64-9	NS	350	1000	mg/kg	<1.8 U	<0.9 U	0.12 J	<0.18 U	<0.18 U	<0.18 U
Dibutyl phthalate	84-74-2	NS	NS	NS	mg/kg	<1.8 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
Diethyl phthalate	84-66-2	NS	NS	NS	mg/kg	<1.8 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
Dimethyl phthalate	131-11-3	NS	NS	NS	mg/kg	<1.8 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
Dioctyl phthalate	117-84-0	NS	NS	NS	mg/kg	<1.8 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
Fluoranthene	206-44-0	100	500	1000	mg/kg	0.3 J	<0.54 U	0.19 J	0.033 J	0.022 J	<0.11 U
Fluorene	86-73-7	30	500	1000	mg/kg	0.33 J	<0.9 U	0.4 J	<0.18 U	<0.18 U	<0.18 U
Hexachlorobenzene	118-74-1	NS	6	12	mg/kg	<1.1 U	<0.54 U	<0.55 U	<0.11 U	<0.1 U	<0.11 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<1.8 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
Hexachlorocyclopentadiene	77-47-4	NS	NS	NS	mg/kg	<5.3 U	<2.6 U	<2.6 U	<0.51 U	<0.5 U	<0.52 U
Hexachloroethane	67-72-1	NS	NS	NS	mg/kg	<1.5 U	<0.72 U	<0.73 U	<0.14 U	<0.14 U	<0.14 U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	5.6	11	mg/kg	<1.5 U	<0.72 U	<0.73 U	<0.14 U	<0.14 U	<0.14 U
Isophorone	78-59-1	NS	NS	NS	mg/kg	<1.7 U	<0.81 U	<0.83 U	<0.16 U	<0.16 U	<0.16 U
Naphthalene	91-20-3	12	500	1000	mg/kg	<1.8 U	<0.9 U	0.21 J	<0.18 U	<0.18 U	<0.18 U
Nitrobenzene	98-95-3	NS	NS	NS	mg/kg	<1.7 U	<0.81 U	<0.83 U	<0.16 U	<0.16 U	<0.16 U
n-Nitrosodi-N-Propylamine	621-64-7	NS	NS	NS	mg/kg	<1.8 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
n-Nitrosodiphenylamine	86-30-6	NS	NS	NS	mg/kg	<1.5 U	<0.72 U	<0.73 U	<0.14 U	<0.14 U	<0.14 U
Pentachlorophenol	87-86-5	NS	6.7	55	mg/kg	<1.5 U	<0.72 U	<0.73 U	<0.14 U	<0.14 U	<0.14 U
Phenanthrene	85-01-8	100	500	1000	mg/kg	0.7 J	<0.54 U	0.68	<0.11 U	<0.1 U	<0.11 U
Phenol	108-95-2	NS	500	1000	mg/kg	<1.8 U	<0.9 U	<0.92 U	<0.18 U	<0.18 U	<0.18 U
Pyrene	129-00-0	100	500	1000	mg/kg	0.54 J	<0.54 U	0.39 J	0.04 J	0.019 J	<0.11 U

Table 1
UST A (550-Gallon Waste Oil UST) Soil Sampling Summary
Project # 100965501 - 47th Street Site, Maspeth, NY

Analyte	CAS Number	NYSDEC CP51 SCLs for Gasoline and Fuel Oil Contaminated Soils	NYSDEC Part 375 Restricted Use Commercial SCOs	NYSDEC Part 375 Restricted Use Industrial SCOs	Location	PRE-EX	USTA-1	USTA-2	USTA-3	USTA-4	USTA-5
					Sample Name	PRE-EX	USTA-1	USTA-2	USTA-3	USTA-4	USTA-5
					Sample Date	02/21/2022	02/21/2022	02/21/2022	02/21/2022	02/21/2022	02/21/2022
					Sample Type	Soil	Soil	Soil	Soil	Soil	Soil
					Unit	Result	Result	Result	Result	Result	Result
Polychlorinated Biphenyl											
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	NS	mg/kg	<0.182 U	<0.177 U	<0.177 U	<0.0344 U	<0.0353 U	<0.036 U
PCB-1221 (Aroclor 1221)	11104-28-2	NS	NS	NS	mg/kg	<0.182 U	<0.177 U	<0.177 U	<0.0344 U	<0.0353 U	<0.036 U
PCB-1232 (Aroclor 1232)	11141-16-5	NS	NS	NS	mg/kg	<0.182 U	<0.177 U	<0.177 U	<0.0344 U	<0.0353 U	<0.036 U
PCB-1242 (Aroclor 1242)	53469-21-9	NS	NS	NS	mg/kg	<0.182 U	<0.177 U	<0.177 U	<0.0344 U	<0.0353 U	<0.036 U
PCB-1248 (Aroclor 1248)	12672-29-6	NS	NS	NS	mg/kg	<0.182 U	<0.177 U	<0.177 U	<0.0344 U	<0.0353 U	<0.036 U
PCB-1254 (Aroclor 1254)	11097-69-1	NS	NS	NS	mg/kg	<0.182 U	<0.177 U	<0.177 U	<0.0344 U	<0.0353 U	<0.036 U
PCB-1260 (Aroclor 1260)	11096-82-5	NS	NS	NS	mg/kg	<0.182 U	<0.177 U	<0.177 U	<0.0344 U	<0.0353 U	<0.036 U
PCB-1262 (Aroclor 1262)	37324-23-5	NS	NS	NS	mg/kg	<0.182 U	<0.177 U	<0.177 U	<0.0344 U	<0.0353 U	<0.036 U
PCB-1268 (Aroclor 1268)	11100-14-4	NS	NS	NS	mg/kg	<0.182 U	<0.177 U	<0.177 U	<0.0344 U	<0.0353 U	<0.036 U
Total PCBs	1336-36-3	NS	1	25	mg/kg	<0.182 U	<0.177 U	<0.177 U	<0.0344 U	<0.0353 U	<0.036 U
Metals											
Aluminum	7429-90-5	NS	NS	NS	mg/kg	5,370	3,510	3,320	3,460	3,200	1,990
Antimony	7440-36-0	NS	NS	NS	mg/kg	<4.4 U	<4.16 U	<4.26 U	<4.21 U	<4.25 U	<4.21 U
Arsenic	7440-38-2	NS	16	16	mg/kg	2.08	3.59	2.51	2.39	2.53	2.68
Barium	7440-39-3	NS	400	10000	mg/kg	36.2	31.8	31.4	30.4	24.1	13.3
Beryllium	7440-41-7	NS	590	2700	mg/kg	0.281 J	0.283 J	0.264 J	0.295 J	0.238 J	0.193 J
Cadmium	7440-43-9	NS	9.3	60	mg/kg	0.739 J	0.856	0.793 J	0.581 J	0.536 J	0.522 J
Calcium	7440-70-2	NS	NS	NS	mg/kg	2,600	2,630	4,440	2,540	736	477
Chromium, Total	7440-47-3	NS	400	800	mg/kg	17	11.2	12.9	13.6	10.2	7.68
Cobalt	7440-48-4	NS	NS	NS	mg/kg	5.55	6.86	4.52	5.38	5.2	3.67
Copper	7440-50-8	NS	270	10000	mg/kg	61.1	74.8	82.4	15	31.5	7.77
Iron	7439-89-6	NS	NS	NS	mg/kg	18,300	15,500	21,100	20,800	17,100	21,400
Lead	7439-92-1	NS	1000	3900	mg/kg	36.9	27.2	36.8	9.55	16.3	4.11 J
Magnesium	7439-95-4	NS	NS	NS	mg/kg	1,580	1,570	1,530	1,110	1,040	718
Manganese	7439-96-5	NS	10000	10000	mg/kg	398	344	314	460	344	203
Mercury	7439-97-6	NS	2.8	5.7	mg/kg	0.636 J	0.112	0.732	0.073	<0.069 U	<0.069 U
Nickel	7440-02-0	NS	310	10000	mg/kg	11.4	10.6	9	7.45	7.68	5.58
Potassium	7440-09-7	NS	NS	NS	mg/kg	507	805	492	437	431	234
Selenium	7782-49-2	NS	1500	6800	mg/kg	<1.76 U	0.216 J	<1.7 U	<1.68 U	<1.7 U	<1.68 U
Silver	7440-22-4	NS	1500	6800	mg/kg	<0.88 U	<0.831 U	<0.853 U	<0.842 U	<0.85 U	<0.841 U
Sodium	7440-23-5	NS	NS	NS	mg/kg	122 J	72 J	73.1 J	62.4 J	47.8 J	45 J
Thallium	7440-28-0	NS	NS	NS	mg/kg	<1.76 U	<1.66 U	<1.7 U	<1.68 U	<1.7 U	<1.68 U
Vanadium	7440-62-2	NS	NS	NS	mg/kg	20.4	22.3	20.8	21.8	18.9	17.4
Zinc	7440-66-6	NS	10000	10000	mg/kg	142	98.8	88.1	38.1	47.1	13.8

Notes:
CAS - Chemical Abstract Service
NS - No standard
mg/kg - milligram per kilogram
NA - Not analyzed
RL - Reporting limit
<RL - Not detected
Soil sample analytical results are compared to New York State Department of Environmental Conservation (NYSDEC) Commissioner Policy 51 (CP-51) Soil Cleanup Levels (SCL) for Gasoline and Fuel Oil Contaminated Soils (October 2010), and NYSDEC Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Restricted Use Commercial and Restricted Use Industrial Soil Cleanup Objectives (SCO).
Criterion comparisons for 3- & 4-methylphenol (m&p cresol) are provided for reference. Promulgated SCOs are for 3-methylphenol (m-cresol) and 4-methylphenol (p-cresol).
The criteria comparison for total chromium is provided for reference. The promulgated SCO shown is for hexavalent chromium.

Qualifiers:
J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
UJ - The analyte was not detected at a level greater than or equal to the RL; however, the reported RL is approximate and may be inaccurate or imprecise.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

Exceedance Summary:
10 - Result exceeds NYSDEC CP51 SCLs for Gasoline and Fuel Oil Contaminated Soils
10 - Result exceeds Restricted Use Industrial SCOs
10 - Result exceeds Restricted Use Commercial SCOs

Table 2
UST B (3,500-Gallon Diesel UST) Soil Sampling Summary
Project # 100965501 - 47th Street Site, Maspeth, NY

Analyte	CAS Number	NYSDEC CP51 SCLs for Fuel Oil Contaminated Soils	NYSDEC Part 375 Restricted Use Commercial SCOs	NYSDEC Part 375 Restricted Use Industrial SCOs	Location	USTB-1	USTB-2	USTB-3	USTB-4	USTB-5
					Sample Name	USTB-1	USTB-2	USTB-3	USTB-4	USTB-5
					Sample Date	02/22/2022	02/22/2022	02/22/2022	02/22/2022	02/22/2022
					Sample Type	Soil	Soil	Soil	Soil	Soil
					Unit	Result	Result	Result	Result	Result
Volatile Organic Compounds										
1,2,4-Trimethylbenzene	95-63-6	3.6	190	380	mg/kg	0.072 J	0.14 J	1.3	<0.13 U	0.026 J
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	8.4	190	380	mg/kg	<0.12 U	0.042 J	0.36	<0.13 U	<0.11 U
Benzene	71-43-2	0.06	44	89	mg/kg	0.011 J	0.00026 J	0.0013	<0.032 U	<0.028 U
Cymene	99-87-6	10	NS	NS	mg/kg	0.15	0.0052 J	0.096	0.0079 J	<0.055 U
Ethylbenzene	100-41-4	1	390	780	mg/kg	0.11	0.013 J	0.12	<0.063 U	<0.055 U
Isopropylbenzene (Cumene)	98-82-8	2.3	NS	NS	mg/kg	1	0.05 J	0.044 J	0.14	0.086
M,P-Xylene	179601-23-1	NS	NS	NS	mg/kg	0.083 J	0.07 J	0.77	<0.13 U	<0.11 U
Naphthalene	91-20-3	12	500	1000	mg/kg	3	0.54	0.5	3.9	0.43
n-Butylbenzene	104-51-8	12	500	1000	mg/kg	2.8	1.6	0.14	1.7	1.3
n-Propylbenzene	103-65-1	3.9	500	1000	mg/kg	2.2	0.036 J	0.13	0.23	0.14
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	mg/kg	<0.061 U	0.039 J	0.36	<0.063 U	<0.055 U
Sec-Butylbenzene	135-98-8	11	500	1000	mg/kg	2.3	1.7	0.074	1.1	1.2
T-Butylbenzene	98-06-6	5.9	500	1000	mg/kg	0.15	0.089 J	0.0013 J	0.066 J	0.059 J
Tert-Butyl Methyl Ether	1634-04-4	NS	500	1000	mg/kg	<0.12 U	<0.0018 U	<0.0019 U	<0.13 U	<0.11 U
Toluene	108-88-3	0.7	500	1000	mg/kg	<0.061 U	0.011 J	0.11	<0.063 U	<0.055 U
Total Xylenes	1330-20-7	**0.26**	500	1000	mg/kg	0.083 J	0.11 J	**1.1**	<0.063 U	<0.055 U
Semi-Volatile Organic Compounds										
Acenaphthene	83-32-9	20	500	1000	mg/kg	0.52	0.36	<0.14 U	11	0.55
Acenaphthylene	208-96-8	100	500	1000	mg/kg	<0.15 U	<0.14 U	<0.14 U	4	<0.14 U
Anthracene	120-12-7	100	500	1000	mg/kg	0.36	0.47	<0.11 U	32	0.33
Benzo(a)anthracene	56-55-3	**1**	5.6	11	mg/kg	0.29	0.51	<0.11 U	**32**	0.032 J
Benzo(a)pyrene	50-32-8	**1**	1	1.1	mg/kg	0.28	0.5	<0.14 U	**21**	<0.14 U
Benzo(b)fluoranthene	205-99-2	**1**	5.6	11	mg/kg	0.36	0.51	<0.11 U	**28**	<0.11 U
Benzo(g,h,i)Perylene	191-24-2	100	500	1000	mg/kg	0.18	0.24	0.11 J	12	<0.14 U
Benzo(k)fluoranthene	207-08-9	**0.8**	56	110	mg/kg	0.12	0.21	<0.11 U	**6.6**	<0.11 U
Chrysene	218-01-9	**1**	56	110	mg/kg	0.31	0.5	<0.11 U	**27**	0.047 J
Dibenz(a,h)anthracene	53-70-3	**0.33**	0.56	1.1	mg/kg	0.05 J	0.055 J	<0.11 U	**3**	<0.11 U
Fluoranthene	206-44-0	100	500	1000	mg/kg	0.67	1.3	<0.11 U	81	0.12
Fluorene	86-73-7	30	500	1000	mg/kg	1.2	0.85	0.021 J	21	1.3
Indeno(1,2,3-cd)pyrene	193-39-5	**0.5**	5.6	11	mg/kg	0.23	0.29	0.028 J	**15**	<0.14 U
Phenanthrene	85-01-8	**100**	500	1000	mg/kg	2.2	2.2	<0.11 U	**110**	2.2
Pyrene	129-00-0	100	500	1000	mg/kg	0.93	1.4	<0.11 U	59	0.47

Notes:
CAS - Chemical Abstract Service
NS - No standard
mg/kg - milligram per kilogram
NA - Not analyzed
RL - Reporting limit
<RL - Not detected
Soil sample analytical results are compared to New York State Department of Environmental Conservation (NYSDEC) Commissioner Policy 51 (CP-51) Soil Cleanup Levels (SCL) for Fuel Oil Contaminated Soils, and NYSDEC Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Restricted Use Commercial and Restricted Use Industrial Soil Cleanup Objectives (SCO).

Qualifiers:
J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
UJ - The analyte was not detected at a level greater than or equal to the RL; however, the reported RL is approximate and may be inaccurate or imprecise.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

Exceedance Summary:
10 - Result exceeds CP51 SCLs for Fuel Oil Contaminated Soils
10 - Result exceeds Restricted Use Industrial SCOs
10 - Result exceeds Restricted Use Commercial SCOs

Table 4
Sludge from Underground Injection Point Structure Summary Table
All Detections
Project # 100965501 - 47th Street Site, Maspeth, NY

Analyte	CAS Number	Location	UIC
		Sample Name	UIC_SL
		Sample Date	02/22/2022
		Unit	Result
Volatile Organic Compounds			
1,1,1,2-Tetrachloroethane	630-20-6	mg/kg	<0.001 UJ
1,1,1-Trichloroethane	71-55-6	mg/kg	<0.001 UJ
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	<0.001 UJ
1,1,2-Trichloroethane	79-00-5	mg/kg	<0.002 UJ
1,1-Dichloroethane	75-34-3	mg/kg	<0.002 UJ
1,1-Dichloroethene	75-35-4	mg/kg	<0.002 UJ
1,1-Dichloropropene	563-58-6	mg/kg	<0.001 UJ
1,2,3-Trichlorobenzene	87-61-6	mg/kg	<0.0041 UJ
1,2,3-Trichloropropane	96-18-4	mg/kg	<0.0041 UJ
1,2,4,5-Tetramethylbenzene	95-93-2	mg/kg	<0.0041 UJ
1,2,4-Trichlorobenzene	120-82-1	mg/kg	<0.0041 UJ
1,2,4-Trimethylbenzene	95-63-6	mg/kg	0.00086 J
1,2-Dibromo-3-Chloropropane	96-12-8	mg/kg	<0.0061 UJ
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	mg/kg	<0.002 UJ
1,2-Dichlorobenzene	95-50-1	mg/kg	<0.0041 UJ
1,2-Dichloroethane	107-06-2	mg/kg	<0.002 UJ
1,2-Dichloropropane	78-87-5	mg/kg	<0.002 UJ
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	mg/kg	<0.0041 UJ
1,3-Dichlorobenzene	541-73-1	mg/kg	<0.0041 UJ
1,3-Dichloropropane	142-28-9	mg/kg	<0.0041 UJ
1,4-Dichlorobenzene	106-46-7	mg/kg	<0.0041 UJ
1,4-Diethyl Benzene	105-05-5	mg/kg	<0.0041 UJ
1,4-Dioxane (P-Dioxane)	123-91-1	mg/kg	<0.16 UJ
2,2-Dichloropropane	594-20-7	mg/kg	<0.0041 UJ
2-Chlorotoluene	95-49-8	mg/kg	<0.0041 UJ
2-Hexanone (MBK)	591-78-6	mg/kg	0.11 J
4-Chlorotoluene	106-43-4	mg/kg	<0.0041 UJ
4-Ethyltoluene	622-96-8	mg/kg	<0.0041 UJ
Acetone	67-64-1	mg/kg	0.3 J
Acrylonitrile	107-13-1	mg/kg	<0.0082 UJ
Benzene	71-43-2	mg/kg	<0.001 UJ
Bromobenzene	108-86-1	mg/kg	<0.0041 UJ
Bromochloromethane	74-97-5	mg/kg	<0.0041 UJ
Bromodichloromethane	75-27-4	mg/kg	<0.001 UJ
Bromoform	75-25-2	mg/kg	<0.0082 UJ
Bromomethane	74-83-9	mg/kg	<0.0041 UJ
Carbon Disulfide	75-15-0	mg/kg	<0.02 UJ
Carbon Tetrachloride	56-23-5	mg/kg	<0.002 UJ
Chlorobenzene	108-90-7	mg/kg	<0.001 UJ
Chloroethane	75-00-3	mg/kg	<0.0041 UJ
Chloroform	67-66-3	mg/kg	<0.0031 UJ
Chloromethane	74-87-3	mg/kg	<0.0082 UJ
Cis-1,2-Dichloroethene	156-59-2	mg/kg	<0.002 UJ
Cis-1,3-Dichloropropene	10061-01-5	mg/kg	<0.001 UJ
Cymene	99-87-6	mg/kg	0.01 J
Dibromochloromethane	124-48-1	mg/kg	<0.002 UJ
Dibromomethane	74-95-3	mg/kg	<0.0041 UJ
Dichlorodifluoromethane	75-71-8	mg/kg	<0.02 UJ
Diethyl Ether (Ethyl Ether)	60-29-7	mg/kg	<0.0041 UJ
Ethylbenzene	100-41-4	mg/kg	<0.002 UJ
Hexachlorobutadiene	87-68-3	mg/kg	<0.0082 UJ
Isopropylbenzene (Cumene)	98-82-8	mg/kg	<0.002 UJ
M,P-Xylene	179601-23-1	mg/kg	<0.0041 UJ
Methyl Ethyl Ketone (2-Butanone)	78-93-3	mg/kg	0.03 J
Methyl Isobutyl Ketone (4-Methyl-2-Pentanon	108-10-1	mg/kg	<0.02 UJ
Methylene Chloride	75-09-2	mg/kg	<0.01 UJ
Naphthalene	91-20-3	mg/kg	<0.0082 UJ
n-Butylbenzene	104-51-8	mg/kg	<0.002 UJ
n-Propylbenzene	103-65-1	mg/kg	<0.002 UJ
o-Xylene (1,2-Dimethylbenzene)	95-47-6	mg/kg	<0.002 UJ
Sec-Butylbenzene	135-98-8	mg/kg	<0.002 UJ
Styrene	100-42-5	mg/kg	<0.002 UJ
T-Butylbenzene	98-06-6	mg/kg	<0.0041 UJ
Tert-Butyl Methyl Ether	1634-04-4	mg/kg	<0.0041 UJ
Tetrachloroethene (PCE)	127-18-4	mg/kg	<0.001 UJ
Toluene	108-88-3	mg/kg	0.26 J
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	mg/kg	<0.002 UJ
Total Xylenes	1330-20-7	mg/kg	<0.002 UJ

Table 4
Sludge from Underground Injection Point Structure Summary Table
All Detections
Project # 100965501 - 47th Street Site, Maspeth, NY

Analyte	CAS Number	Location	UIC
		Sample Name	UIC_SL
		Sample Date	02/22/2022
		Unit	Result
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	mg/kg	<0.001 UJ
Trans-1,2-Dichloroethene	156-60-5	mg/kg	<0.0031 UJ
Trans-1,3-Dichloropropene	10061-02-6	mg/kg	<0.002 UJ
Trans-1,4-Dichloro-2-Butene	110-57-6	mg/kg	<0.01 UJ
Trichloroethene (TCE)	79-01-6	mg/kg	<0.001 UJ
Trichlorofluoromethane	75-69-4	mg/kg	<0.0082 UJ
Vinyl Acetate	108-05-4	mg/kg	<0.02 UJ
Vinyl Chloride	75-01-4	mg/kg	<0.002 UJ
Semi-Volatile Organic Compounds			
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg	<4.8 UJ
1,2,4-Trichlorobenzene	120-82-1	mg/kg	<4.8 UJ
1,2-Dichlorobenzene	95-50-1	mg/kg	<4.8 UJ
1,3-Dichlorobenzene	541-73-1	mg/kg	<4.8 UJ
1,4-Dichlorobenzene	106-46-7	mg/kg	<4.8 UJ
1,4-Dioxane (P-Dioxane)	123-91-1	mg/kg	<0.72 UJ
2,4,5-Trichlorophenol	95-95-4	mg/kg	<4.8 UJ
2,4,6-Trichlorophenol	88-06-2	mg/kg	<2.9 UJ
2,4-Dichlorophenol	120-83-2	mg/kg	<4.4 UJ
2,4-Dimethylphenol	105-67-9	mg/kg	<4.8 UJ
2,4-Dinitrophenol	51-28-5	mg/kg	<23 UJ
2,4-Dinitrotoluene	121-14-2	mg/kg	<4.8 UJ
2,6-Dinitrotoluene	606-20-2	mg/kg	<4.8 UJ
2-Chloronaphthalene	91-58-7	mg/kg	<4.8 UJ
2-Chlorophenol	95-57-8	mg/kg	<4.8 UJ
2-Methylnaphthalene	91-57-6	mg/kg	<5.8 UJ
2-Methylphenol (o-Cresol)	95-48-7	mg/kg	<4.8 UJ
2-Nitroaniline	88-74-4	mg/kg	<4.8 UJ
2-Nitrophenol	88-75-5	mg/kg	<10 UJ
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	mg/kg	<7 UJ
3,3'-Dichlorobenzidine	91-94-1	mg/kg	<4.8 UJ
3-Nitroaniline	99-09-2	mg/kg	<4.8 UJ
4,6-Dinitro-2-Methylphenol	534-52-1	mg/kg	<12 UJ
4-Bromophenyl Phenyl Ether	101-55-3	mg/kg	<4.8 UJ
4-Chloro-3-Methylphenol	59-50-7	mg/kg	<4.8 UJ
4-Chloroaniline	106-47-8	mg/kg	<4.8 UJ
4-Chlorophenyl Phenyl Ether	7005-72-3	mg/kg	<4.8 UJ
4-Nitroaniline	100-01-6	mg/kg	<4.8 UJ
4-Nitrophenol	100-02-7	mg/kg	<6.8 UJ
Acenaphthene	83-32-9	mg/kg	<3.9 UJ
Acenaphthylene	208-96-8	mg/kg	<3.9 UJ
Acetophenone	98-86-2	mg/kg	<4.8 UJ
Anthracene	120-12-7	mg/kg	<2.9 UJ
Benzo(a)anthracene	56-55-3	mg/kg	<2.9 UJ
Benzo(a)pyrene	50-32-8	mg/kg	<3.9 UJ
Benzo(b)fluoranthene	205-99-2	mg/kg	<2.9 UJ
Benzo(g,h,i)Perylene	191-24-2	mg/kg	<3.9 UJ
Benzo(k)fluoranthene	207-08-9	mg/kg	<2.9 UJ
Benzoic Acid	65-85-0	mg/kg	<16 UJ
Benzyl Alcohol	100-51-6	mg/kg	<4.8 UJ
Benzyl Butyl Phthalate	85-68-7	mg/kg	<4.8 UJ
Biphenyl (Diphenyl)	92-52-4	mg/kg	<11 UJ
Bis(2-chloroethoxy) methane	111-91-1	mg/kg	<5.2 UJ
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	mg/kg	<4.4 UJ
Bis(2-chloroisopropyl) ether	108-60-1	mg/kg	<5.8 UJ
Bis(2-ethylhexyl) phthalate	117-81-7	mg/kg	15 J
Carbazole	86-74-8	mg/kg	<4.8 UJ
Chrysene	218-01-9	mg/kg	<2.9 UJ
Dibenz(a,h)anthracene	53-70-3	mg/kg	<2.9 UJ
Dibenzofuran	132-64-9	mg/kg	<4.8 UJ
Dibutyl phthalate	84-74-2	mg/kg	1.5 J
Diethyl phthalate	84-66-2	mg/kg	<4.8 UJ
Dimethyl phthalate	131-11-3	mg/kg	<4.8 UJ
Dioctyl phthalate	117-84-0	mg/kg	<4.8 UJ
Fluoranthene	206-44-0	mg/kg	<2.9 UJ
Fluorene	86-73-7	mg/kg	<4.8 UJ
Hexachlorobenzene	118-74-1	mg/kg	<2.9 UJ
Hexachlorobutadiene	87-68-3	mg/kg	<4.8 UJ
Hexachlorocyclopentadiene	77-47-4	mg/kg	<14 UJ
Hexachloroethane	67-72-1	mg/kg	<3.9 UJ

Table 4
Sludge from Underground Injection Point Structure Summary Table
All Detections
Project # 100965501 - 47th Street Site, Maspeth, NY

Analyte	CAS Number	Location	UIC
		Sample Name	UIC_SL
		Sample Date	02/22/2022
		Unit	Result
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	<3.9 UJ
Isophorone	78-59-1	mg/kg	<4.4 UJ
Naphthalene	91-20-3	mg/kg	<4.8 UJ
Nitrobenzene	98-95-3	mg/kg	<4.4 UJ
n-Nitrosodi-N-Propylamine	621-64-7	mg/kg	<4.8 UJ
n-Nitrosodiphenylamine	86-30-6	mg/kg	<3.9 UJ
Pentachlorophenol	87-86-5	mg/kg	<3.9 UJ
Phenanthrene	85-01-8	mg/kg	<2.9 UJ
Phenol	108-95-2	mg/kg	<4.8 UJ
Pyrene	129-00-0	mg/kg	<2.9 UJ

Notes:
CAS - Chemical Abstract Service
mg/kg - milligram per kilogram
Criterion comparisons for 3- & 4-methylphenol (m&p cresol) are provided for reference. Promulg SCOs are for 3-methylphenol (m-cresol) and 4-methylphenol (p-cresol).

Qualifiers:
J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
UJ - The analyte was not detected at a level greater than or equal to the RL; however, the report RL is approximate and may be inaccurate or imprecise.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the lev the RL or the sample concentration for results impacted by blank contamination.

Table 3
Sludge from Underground Injection Point Structure Summary Table
RCRA Metals
Project # 100965501 - 47th Street Site, Maspeth, NY

Analyte	CAS Number	EPA TCLP Maximum Characteristics Concentration	Location	UIC
			Sample Name	UIC_SL
			Sample Date	02/22/2022
			Unit	Result
Resource Conservation Recovery Act (RCRA) Metals				
Arsenic	7440-38-2	5	mg/L	0.019 J
Barium	7440-39-3	100	mg/L	0.143 J
Cadmium	7440-43-9	1	mg/L	0.1 U
Chromium	7440-47-3	5	mg/L	0.2 U
Lead	7439-92-1	5	mg/L	0.5 U
Mercury	7439-97-6	0.2	mg/L	0.001 U
Selenium	7782-49-2	1	mg/L	0.5 U
Silver	7440-22-4	5	mg/L	0.1 U

Notes:
CAS - Chemical Abstract Service
mg/L - milligram per liter
Sludge sample analytical results are compared to the Environmental Protection Agency (EPA) Resource Conservation Recovery Act (RCRA) Toxicity Charactistic Leaching Procedure (TCLP) Maxim Characteristics Concentration

Qualifiers:
J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

Exceedance Summary:
10 - Result exceeds EPA TCLP Maximum Characteristics Concentration

Table 5
Liquid from Underground Injection Point Structure Summary Table
Project # 100965501 - 47th Street Site, Maspeth, NY

Analyte	CAS Number	NYSDEC SGVs	Location	UIC
			Sample Name	UIC
			Sample Date	02/21/2022
			Unit	Result
Volatile Organic Compounds				
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	<2.5 U
1,1,1-Trichloroethane	71-55-6	5	ug/l	<2.5 U
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	<0.5 U
1,1,2-Trichloroethane	79-00-5	1	ug/l	<1.5 U
1,1-Dichloroethane	75-34-3	5	ug/l	<2.5 U
1,1-Dichloroethene	75-35-4	5	ug/l	<0.5 U
1,1-Dichloropropene	563-58-6	5	ug/l	<2.5 U
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	<2.5 U
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	<2.5 U
1,2,4,5-Tetramethylbenzene	95-93-2	5	ug/l	<2 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<2.5 U
1,2,4-Trimethylbenzene	95-63-6	5	ug/l	<2.5 U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	ug/l	<2.5 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l	<2 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	<2.5 U
1,2-Dichloroethane	107-06-2	0.6	ug/l	<0.5 U
1,2-Dichloropropane	78-87-5	1	ug/l	<1 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	5	ug/l	<2.5 U
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2.5 U
1,3-Dichloropropane	142-28-9	5	ug/l	<2.5 U
1,4-Dichlorobenzene	106-46-7	3	ug/l	<2.5 U
1,4-Diethyl Benzene	105-05-5	NS	ug/l	<2 U
1,4-Dioxane (P-Dioxane)	123-91-1	NS	ug/l	<250 U
2,2-Dichloropropane	594-20-7	5	ug/l	<2.5 U
2-Chlorotoluene	95-49-8	5	ug/l	<2.5 U
2-Hexanone (MBK)	591-78-6	50	ug/l	<5 U
4-Chlorotoluene	106-43-4	5	ug/l	<2.5 U
4-Ethyltoluene	622-96-8	NS	ug/l	<2 U
Acetone	67-64-1	50	ug/l	28
Acrylonitrile	107-13-1	5	ug/l	<5 U
Benzene	71-43-2	1	ug/l	<0.5 U
Bromobenzene	108-86-1	5	ug/l	<2.5 U
Bromochloromethane	74-97-5	5	ug/l	<2.5 U
Bromodichloromethane	75-27-4	50	ug/l	<0.5 U
Bromoform	75-25-2	50	ug/l	<2 U
Bromomethane	74-83-9	5	ug/l	<2.5 U
Carbon Disulfide	75-15-0	60	ug/l	<5 U
Carbon Tetrachloride	56-23-5	5	ug/l	<0.5 U
Chlorobenzene	108-90-7	5	ug/l	<2.5 U
Chloroethane	75-00-3	5	ug/l	<2.5 U
Chloroform	67-66-3	7	ug/l	<2.5 U
Chloromethane	74-87-3	5	ug/l	<2.5 U
Cis-1,2-Dichloroethene	156-59-2	5	ug/l	<2.5 U
Cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	<0.5 U
Cymene	99-87-6	5	ug/l	<2.5 U
Dibromochloromethane	124-48-1	50	ug/l	<0.5 U
Dibromomethane	74-95-3	5	ug/l	<5 U
Dichlorodifluoromethane	75-71-8	5	ug/l	<5 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	ug/l	<2.5 U
Ethylbenzene	100-41-4	5	ug/l	<2.5 U
Hexachlorobutadiene	87-68-3	0.5	ug/l	<2.5 U
Isopropylbenzene (Cumene)	98-82-8	5	ug/l	<2.5 U
M,P-Xylene	179601-23-1	5	ug/l	<2.5 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	50	ug/l	2.9 J
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	ug/l	<5 U
Methylene Chloride	75-09-2	5	ug/l	<2.5 U
Naphthalene	91-20-3	10	ug/l	<2.5 U
n-Butylbenzene	104-51-8	5	ug/l	<2.5 U
n-Propylbenzene	103-65-1	5	ug/l	<2.5 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	5	ug/l	<2.5 U
Sec-Butylbenzene	135-98-8	5	ug/l	<2.5 U
Styrene	100-42-5	5	ug/l	<2.5 U
T-Butylbenzene	98-06-6	5	ug/l	<2.5 U
Tert-Butyl Methyl Ether	1634-04-4	10	ug/l	<2.5 U
Tetrachloroethene (PCE)	127-18-4	5	ug/l	<0.5 U
Toluene	108-88-3	**5**	ug/l	**31**
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	ug/l	<2.5 U
Total Xylenes	1330-20-7	5	ug/l	<2.5 U
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	0.4	ug/l	<0.5 U
Trans-1,2-Dichloroethene	156-60-5	5	ug/l	<2.5 U
Trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l	<0.5 U
Trans-1,4-Dichloro-2-Butene	110-57-6	5	ug/l	<2.5 U
Trichloroethene (TCE)	79-01-6	5	ug/l	<0.5 U
Trichlorofluoromethane	75-69-4	5	ug/l	<2.5 U
Vinyl Acetate	108-05-4	NS	ug/l	<5 U
Vinyl Chloride	75-01-4	2	ug/l	<1 U

Table 5
Liquid from Underground Injection Point Structure Summary Table
Project # 100965501 - 47th Street Site, Maspeth, NY

Analyte	CAS Number	NYSDEC SGVs	Location	UIC
			Sample Name	UIC
			Sample Date	02/21/2022
			Unit	Result
Semi-Volatile Organic Compounds				
1,2,4,5-Tetrachlorobenzene	95-94-3	5	ug/l	<10 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<5 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	<2 U
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2 U
1,4-Dichlorobenzene	106-46-7	3	ug/l	<2 U
2,4,5-Trichlorophenol	95-95-4	NS	ug/l	<5 U
2,4,6-Trichlorophenol	88-06-2	NS	ug/l	<5 U
2,4-Dichlorophenol	120-83-2	1	ug/l	<5 U
2,4-Dimethylphenol	105-67-9	1	ug/l	<5 U
2,4-Dinitrophenol	51-28-5	1	ug/l	<20 U
2,4-Dinitrotoluene	121-14-2	5	ug/l	<5 U
2,6-Dinitrotoluene	606-20-2	5	ug/l	<5 U
2-Chloronaphthalene	91-58-7	10	ug/l	<0.2 U
2-Chlorophenol	95-57-8	NS	ug/l	<2 U
2-Methylnaphthalene	91-57-6	NS	ug/l	0.03 J
2-Methylphenol (o-Cresol)	95-48-7	NS	ug/l	<5 U
2-Nitroaniline	88-74-4	5	ug/l	<5 U
2-Nitrophenol	88-75-5	NS	ug/l	<10 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	NS	ug/l	<5 U
3,3'-Dichlorobenzidine	91-94-1	5	ug/l	<5 U
3-Nitroaniline	99-09-2	5	ug/l	<5 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	ug/l	<10 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	ug/l	<2 U
4-Chloro-3-Methylphenol	59-50-7	NS	ug/l	<2 U
4-Chloroaniline	106-47-8	5	ug/l	<5 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	ug/l	<2 U
4-Nitroaniline	100-01-6	5	ug/l	<5 U
4-Nitrophenol	100-02-7	NS	ug/l	<10 U
Acenaphthene	83-32-9	20	ug/l	0.05 J
Acenaphthylene	208-96-8	NS	ug/l	<0.1 U
Acetophenone	98-86-2	NS	ug/l	<5 U
Anthracene	120-12-7	50	ug/l	<0.1 U
Benzo(a)anthracene	56-55-3	0.002	ug/l	<0.1 U
Benzo(a)pyrene	50-32-8	0	ug/l	<0.1 U
Benzo(b)fluoranthene	205-99-2	**0.002**	ug/l	**0.03 J**
Benzo(g,h,i)Perylene	191-24-2	NS	ug/l	0.02 J
Benzo(k)fluoranthene	207-08-9	0.002	ug/l	<0.1 U
Benzoic Acid	65-85-0	NS	ug/l	<50 UJ
Benzyl Alcohol	100-51-6	NS	ug/l	<2 U
Benzyl Butyl Phthalate	85-68-7	50	ug/l	<5 U
Biphenyl (Diphenyl)	92-52-4	5	ug/l	<2 U
Bis(2-chloroethoxy) methane	111-91-1	5	ug/l	<5 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	1	ug/l	<2 U
Bis(2-chloroisopropyl) ether	108-60-1	5	ug/l	<2 U
Bis(2-ethylhexyl) phthalate	117-81-7	5	ug/l	1.9 J
Carbazole	86-74-8	NS	ug/l	<2 U
Chrysene	218-01-9	**0.002**	ug/l	**0.02 J**
Dibenz(a,h)anthracene	53-70-3	NS	ug/l	<0.1 U
Dibenzofuran	132-64-9	NS	ug/l	<2 U
Dibutyl phthalate	84-74-2	50	ug/l	<5 U
Diethyl phthalate	84-66-2	50	ug/l	<5 U
Dimethyl phthalate	131-11-3	50	ug/l	<5 U
Dioctyl phthalate	117-84-0	50	ug/l	<5 U
Fluoranthene	206-44-0	50	ug/l	0.05 J
Fluorene	86-73-7	50	ug/l	0.04 J
Hexachlorobenzene	118-74-1	0.04	ug/l	<0.8 U
Hexachlorobutadiene	87-68-3	0.5	ug/l	<0.5 U
Hexachlorocyclopentadiene	77-47-4	5	ug/l	<20 U
Hexachloroethane	67-72-1	5	ug/l	<0.8 U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.002**	ug/l	**0.02 J**
Isophorone	78-59-1	50	ug/l	<5 U
Naphthalene	91-20-3	10	ug/l	<0.1 U
Nitrobenzene	98-95-3	0.4	ug/l	<2 U
n-Nitrosodi-N-Propylamine	621-64-7	NS	ug/l	<5 U
n-Nitrosodiphenylamine	86-30-6	50	ug/l	<2 U
Pentachlorophenol	87-86-5	1	ug/l	0.13 J
Phenanthrene	85-01-8	50	ug/l	0.08 J
Phenol	108-95-2	1	ug/l	<5 U
Pyrene	129-00-0	50	ug/l	0.04 J

Notes:
CAS - Chemical Abstract Service
NS - No standard
ug/l - microgram per liter
NA - Not analyzed
RL - Reporting limit
<RL - Not detected
Groundwater sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 703.5 and the NYSD Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values for Class G Water (herein collectively referenced as "NYSDEC SGVs").

Qualifiers:
J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sampl
UJ - The analyte was not detected at a level greater than or equal to the RL; however, the reported RL is approximate and may be inaccurate or imprecise.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

Exceedance Summary:
10 - Result exceeds NYSDEC SGVs

June 13, 2022

Mr. Brett Richter
47th Street & 58th Road, LLC
c/o Prologis
Pier 1, Bay 1
San Francisco, California 94111

Re: Soil Vapor Intrusion Summary Letter
57-00 and 57-05 47th Street
Maspeth, Queens, New York
Langan Project No. 100965503

Dear Mr. Richter:

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology D.P.C. (Langan) has prepared this letter to provide a summary of a recent soil vapor intrusion (SVI) investigation completed at the buildings located at 57-00 (Block 2601, Lot 6) and 57-05 (Block 2602, Lot 72) 47th Street, Queens (Maspeth), New York. The SVI investigation was completed to evaluate if a vapor intrusion concern exists in the on-site buildings. The SVI investigation was performed in general accordance with Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York (NYSDOH October 2006, revised May 2017) (NYSDOH Guidance). A summary of the SVI investigation procedures and the laboratory analytical results is provided below.

Site Location and Background

The site is located within a high density commercial/industrial neighborhood of Maspeth (Queens), along Newtown Creek. The building located at 57-00 47th Street (Block 2601, Lot 6) was constructed in 1966. The building was formerly utilized as a vehicle parking area and maintenance garage, followed by a concrete materials recycling facility, and is currently vacant. The building located at 57-05 47th Street (Block 2602, Lot 72) was constructed in 1964. The building was formerly utilized as a vehicle parking garage, for building materials storage, and as a vehicle maintenance garage; the building is currently vacant.

A SVI investigation was completed to determine if a potential vapor intrusion condition exists in either building that warrants mitigation per NYSDOH guidance. Indoor air and sub-slab vapor (SSV) sample locations are depicted on **Figure 1**.

Pre-Sampling Site Walk and Survey

Langan personnel completed a pre-sampling survey on May 12, 2022 to document building conditions and assess potential background sources of volatile organic compounds (VOCs) in indoor air. Screening of indoor air and chemical products was performed using a ppbRAE 3000+ photoionization detector (PID) equipped with a 10.6 electron volt (eV) bulb to measure total

organic vapors (TOV). The findings from this surveys are summarized below and provided on the Building Inventory Forms included in **Attachment 1**.

The 57-00 47th Street building contained household cleaners, general maintenance products, and vehicle maintenance fluids. When screened with a PID, two of the chemicals stored within this building yielded PID readings of 23 parts per million (PPM). These products were stored within a maintenance closet inside the office space of the building and away from areas where the indoor air samples were collected.

The 57-05 building contained general building maintenance products. When screened with a PID, two of the products within this building yielded PID readings ranging from 0.6 PPM to 40 PPM. Both of these products were stored within a separate storage area west of the SSV05/IA05.

Sub-Slab Soil Vapor, Indoor Air, and Ambient Air Sampling – May 2022

On May 11, 2022, Langan installed five temporary SSV points labeled SSV01 through SSV05 within the on-site buildings. Three temporary SSV points were installed within the 57-00 47th Street building (SSV01 through SSV03) and two temporary sub-slab vapor points within the 57-05 47th Street building (SSV04 and SSV05). The SSV points are depicted on the Sample Location Plan included in **Figure 1**, SSV installation logs are included as **Attachment 2**.

Sub-slab points were installed via a hammer drill which cored an approximate ¾-inch diameter borehole through the concrete slab floors to reach the soil beneath. Stainless steel soil vapor probes were installed beneath the floor slabs and connected to polyethylene tubing. Following installation of the temporary SSV points, an air-tight seal was created at the surface of each soil vapor point using an inert clay. The adequacy of each seal was tested via water dam and helium tracer test before sampling. All sample locations were determined to have an air tight seal as per the helium tracer and water dam tests.

On May 12, 2022, Langan returned to collected SSV samples (SSV01 through SSV05) and co-located indoor air samples (IA01 through IA05) and one ambient air sample (AA01) from the Site. The ambient air sample was collected approximately 230 feet north and upwind of the 57-00 47th Street building to evaluate potential background sources. The sub-slab vapor, indoor air, and outdoor ambient air samples were collected concurrently. Windows and exterior doors were closed during sample collection. The samples were collected utilizing a 6-liter SUMMA canisters fitted with flow controllers calibrated by the laboratory to allow for the collection of a sample over approximately 8-hours. Air canisters for indoor and ambient air sampling were placed within the breathing zone (3' to 5' above ground surface). Prior to sample collection, three volumes of air were evacuated from the SSV points. The evacuated air was screened with a calibrated PID to determine VOC field concentrations. VOC SSV concentrations below the 57-00 47th Street

building slab ranged from 0.7 PPM to 20 PPM. VOC SSV concentrations below the 57-05 47th Street building slab ranged from 0 PPM to 1.3 PPM.

The sub-slab soil vapor, indoor air and ambient air samples were analyzed by Alpha, an NYSDOH Environmental Laboratory Approval Program-certified laboratory. All samples were analyzed via EPA Method TO-15.

Analytical Results

A total of five sub-slab vapor samples, five indoor air samples, and one ambient air sample were collected and analyzed for VOCs. Results are summarized in the following sections.

The SSV, IA and AA sample analytical results are summarized in **Tables 1** and **2** and on **Figure 1.** The laboratory data package is provided in **Attachment 3.**

NYSDOH Decision Matrices

Sub-slab vapor and indoor sample analytical results were evaluated using the decision matrices contained in the NYSDOH Guidance. The NYSDOH decision matrices address the following eight chlorinate volatile organic compounds (CVOCs): 1,1,1-trichloroethane, 1,1-dichloroethene,cis-1,2-dichloroethylene, carbon tetrachloride, methylene chloride, tetrachloroethene (PCE), trichloroethene (TCE), and vinyl chloride.

57-00 47th Street Building (Block 2601, Lot 6)

The following table presents the sub-slab soil vapor and indoor air concentration ranges of the eight CVOCs addressed by the decision matrices, presented in micrograms per cubic meter ($\mu g/m^3$).

Compound	Sub-Slab Soil Vapor Range ($\mu g/m^3$)	Indoor Air Range ($\mu g/m^3$)
1,1,1-Trichloroethane	ND to 3.2 (SSV01)	ND
1,1-Dichloroethene	ND to <61.9 (SSV03)	ND
cis-1,2-Dichloroethene	ND to <61.9 (SSV03)	ND
Carbon tetrachloride	ND	0.585 (IA01) to 0.61 (IA02)
Methylene chloride	ND	ND
Tetrachloroethene	ND to 485 (SSV02)	0.373 (IA01) to 0.454 (IA03)
Trichloroethene	ND to <83.8 (SSV03)	ND
*Vinyl chloride	ND to 501(SSV03)	ND

ND = Not Detected

*Due to the high concentration of vinyl chloride, sample SSV03 required dilution which resulted in three other CVOC compounds (1,1-dichloroethene, cis-1,2-dichloroethene, and trichloroethene) in the same sample to have reporting limits (RLs) greater than the evaluation criteria presented in NYSDOH Decision Matrices. As a conservative measure, the RLs were applied to the decision matrix in lieu of the diluted and estimated concentrations. The values shown in the able above for these three compounds are the RLs.

Analytical results indicate that sub-slab vapor is impacted by CVOCs, including 1,1,1-trichloroethane, 1,1-dichloroethene, cis-1,2-dichloroethene, PCE, TCE, and vinyl chloride. Analytical results identified carbon tetrachloride and PCE in indoor air. Applying the detected

CVOC concentrations in SSV and indoor air to the NYSDOH Guidance Decision Matrices yields recommendations including:

- "No further action" (1,1,1-trichloroethane, methylene chloride, carbon tetrachloride, and PCE)
- "Mitigate" (vinyl chloride, 1,1-dichloroethene, cis 1,2-dichloroethene, and TCE)

Indoor air analytical results were also compared to the NYSDOH Air Guideline Values (AGVs) and NYSDOH Recommended Immediate Action Levels (RIALs). All indoor air VOC results were less than their respective AGV and RIALs.

57-05 47th Street Building (Block 2602, Lot 72)

The following table presents the sub-slab soil vapor and indoor air concentration ranges of the eight CVOCs addressed by the decision matrices, presented in µg/m^3.

Compound	Sub-Slab Soil Vapor Range (µg/m^3)	Indoor Air Range (µg/m^3)
1,1,1-Trichloroethane	ND	ND
1,1-Dichloroethene	ND	ND
cis-1,2-Dichloroethene	ND	ND
Carbon tetrachloride	ND	0.585 (IA04) to 0.579 (IA05)
Methylene chloride	ND	ND
Tetrachloroethene	30.8 (SSV05) to 49.5 (SSV05)	0.468 (IA05) to 0.475 (IA04)
Trichloroethene	ND	ND
Vinyl chloride	ND to 0.631 (SSV04)	ND

ND = Not Detected

Analytical results indicate that sub-slab vapor is impacted by PCE and vinyl chloride. Analytical results identified carbon tetrachloride and PCE in indoor air. Applying the detected CVOC concentrations in SSV and indoor air to the NYSDOH Guidance Decision Matrices yielded "No further action" for all CVOC compounds.

Indoor air analytical results were also compared to the NYSDOH AGVs and NYSDOH RIALs. All indoor air VOC results were less than their respective AGV and RIALs.

Data Validation

Lagan completed a data validation of the laboratory analytical results and the data validation report is provided in **Attachment 4.** On the basis of this evaluation, the laboratory appears to have followed the specified analytical methods with the exception of minor deficiencies as discussed in the data validation report.

The data is considered usable, as qualified. In addition, completeness, defined as the percentage of analytical results that are judged to be valid is 100%.

Conclusions and Recommendations

It is noted that carbon tetrachloride was detected in all five of the indoor air samples and in the ambient air sample collected during the May 2022 VI investigation. Carbon tetrachloride was not

detected in any of the SSV samples. Based on this information, carbon tetrachloride is considered to be a background contaminant and not associated with VI. No further action is required for this compound.

57-00 47th Street Building (Block 2601, Lot 6)

Chlorinated solvent and petroleum related VOCs were identified beneath the building slab. When evaluated using NYSDOH Decision Matrices, SSV and indoor air data from locations SSV01 and SSV02 yielded a recommendation for no further action. However, SSV and indoor air data from sample location SSV03 yielded a recommendation for mitigation for vinyl chloride. Due to the high concentration of vinyl chloride detected in SSV03, the sample required laboratory dilution which resulted in three other chlorinated solvent compounds to have RLs greater than their respective NYSDOH Decision Matrices threshold values (1,1-dichloroethene, cis 1,2-dichloroethene, and TCE). Applying the RLs for SSV to the decision matrices for these three compounds, yields a recommendation to mitigate.

Based on these data, SVI mitigation is recommended for the 57-00 47th Street Building to address the CVOC concentrations in sub-slab gas detecting in sample SSV03. Mitigation measures may include the following: creating a positive pressure environment inside the building, increasing air exchange rates within the building, and installing a sub-slab depressurization system within the building. All three mitigation measures will be further evaluated for site-specific feasibility and effectiveness.

57-05 47th Street Building (Block 2602, Lot 72)

Chlorinated solvent and petroleum related VOCs were identified beneath the building slab. When evaluated using NYSDOH Decision Matrices, SSV and indoor air data from both sampling locations yielded a recommendation for no further action.

Should you have any questions regarding the information contain in this letter, please feel free to contact the undersigned at 973-560-4613.

Sincerely,
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Alan Arico, LSRP
Senior Project Manager

Mimi S. Raygorodetsky
Principal/Vice President

Enclosures:

- Figure 1: Indoor Air, Ambient Air, and Sub-Slab Vapor Sample Locations
- Table 1: Laboratory Data Summary Table (Building 57-00)
- Table 2: Laboratory Data Summary Table (Building 57-05)
- Attachment 1: Indoor Air Building Surveys
- Attachment 2: Sub-Slab Vapor Point Installation Logs
- Attachment 3: Category B Laboratory Deliverables
- Attachment 4: Data Validation Summation Letter

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FIGURE 1

INDOOR AIR, AMBIENT AIR, AND SUB-SLAB VAPOR SAMPLE LOCATIONS

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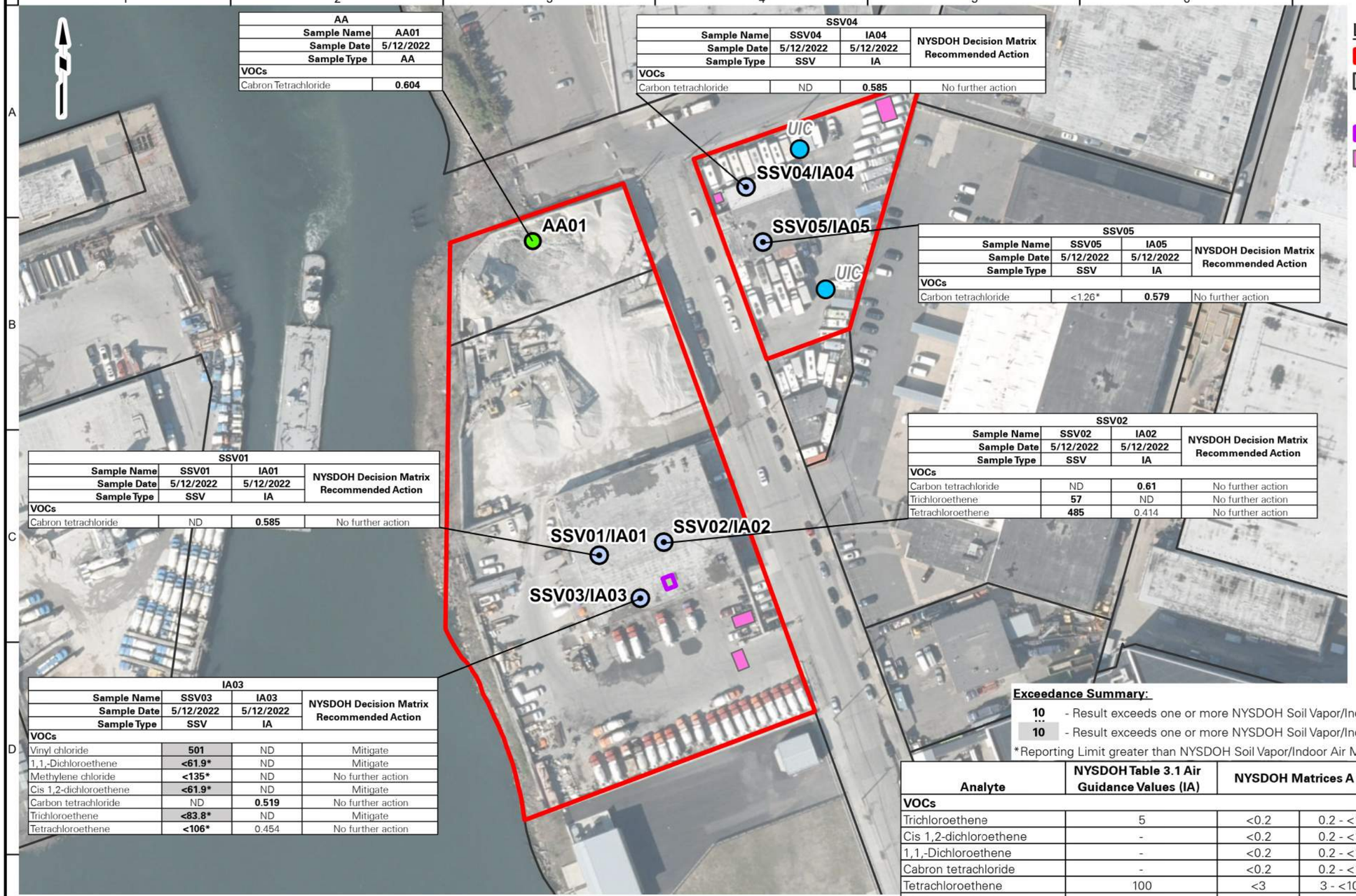

AA	
Sample Name	AA01
Sample Date	5/12/2022
Sample Type	AA
VOCs	
Cabron Tetrachloride	**0.604**

SSV04			
Sample Name	SSV04	IA04	NYSDOH Decision Matrix Recommended Action
Sample Date	5/12/2022	5/12/2022	
Sample Type	SSV	IA	
VOCs			
Carbon tetrachloride	ND	**0.585**	No further action

SSV05			
Sample Name	SSV05	IA05	NYSDOH Decision Matrix Recommended Action
Sample Date	5/12/2022	5/12/2022	
Sample Type	SSV	IA	
VOCs			
Carbon tetrachloride	<1.26*	**0.579**	No further action

SSV01			
Sample Name	SSV01	IA01	NYSDOH Decision Matrix Recommended Action
Sample Date	5/12/2022	5/12/2022	
Sample Type	SSV	IA	
VOCs			
Cabron tetrachloride	ND	**0.585**	No further action

SSV02			
Sample Name	SSV02	IA02	NYSDOH Decision Matrix Recommended Action
Sample Date	5/12/2022	5/12/2022	
Sample Type	SSV	IA	
VOCs			
Carbon tetrachloride	ND	**0.61**	No further action
Trichloroethene	**57**	ND	No further action
Tetrachloroethene	**485**	0.414	No further action

IA03			
Sample Name	SSV03	IA03	NYSDOH Decision Matrix Recommended Action
Sample Date	5/12/2022	5/12/2022	
Sample Type	SSV	IA	
VOCs			
Vinyl chloride	**501**	ND	Mitigate
1,1,-Dichloroethene	**<61.9***	ND	Mitigate
Methylene chloride	**<135***	ND	No further action
Cis 1,2-dichloroethene	**<61.9***	ND	Mitigate
Carbon tetrachloride	ND	**0.519**	No further action
Trichloroethene	**<83.8***	ND	Mitigate
Tetrachloroethene	**<106***	0.454	No further action

Legend

- Approximate Site Boundary
- Tax Parcels
- Underground Injection Control Unit
- Oil Water Separator
- Former Underground Storage Tank
- Ambient Air Sample Location
- Soil Vapor/Indoor Air Sample Location

GENERAL NOTES

1. CO-LOCATED INDOOR AIR AND SUB-SLAB SOIL VAPOR ANALYTICAL RESULTS WERE EVALUATED USING TO THE NEW YORK STATE DEPARTMENT OF HEALTH (NYSDOH) DECISION MATRICES CONTAINED IN THE NYSDOH'S FINAL GUIDANCE FOR EVALUATING SOIL VAPOR INTRUSION IN THE STATE OF NEW YORK (OCTOBER 2006) AND IN THE DECISION MATRICES UPDATED IN MAY 2017.
2. INDOOR AIR ANALYTICAL RESULTS ARE COMPARED TO NYSDOH AIR GUIDELINE VALUES (AGVS) FOR INDOOR AIR.
3. ALL SAMPLE CONCENTRATIONS ARE IN MICROGRAMS PER CUBIC METER.
4. ND = NOT DETECTED
5. - = NOT APPLICABLE

Exceedance Summary:

10 - Result exceeds one or more NYSDOH Soil Vapor/Indoor Air Matrix values and does not require further action

10 - Result exceeds one or more NYSDOH Soil Vapor/Indoor Air Matrix and requires mitigation

*Reporting Limit greater than NYSDOH Soil Vapor/Indoor Air Matrix requiring action

Analyte	NYSDOH Table 3.1 Air Guidance Values (IA)	NYSDOH Matrices A through C (IA)			NYSDOH Matrices A through C (SSV)		
VOCs							
Trichloroethene	5	<0.2	0.2 - <1	≥1	<6	6 - <60	≥60
Cis 1,2-dichloroethene	-	<0.2	0.2 - <1	≥1	<6	6 - <60	≥60
1,1,-Dichloroethene	-	<0.2	0.2 - <1	≥1	<6	6 - <60	≥60
Cabron tetrachloride	-	<0.2	0.2 - <1	≥1	<6	6 - <60	≥60
Tetrachloroethene	100	<3	3 - <10	≥10	<100	100 - <1,000	≥1,000
Methylene chloride	60	<3	3 - <10	≥10	<100	100 - <1,000	≥1,000
Vinyl chloride	-	<0.2	-	≥0.2	<6	6 - <60	≥60

100 0 100
SCALE IN FEET

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Project
57-00, 57-05, and 58-20 47th Street
BLOCK Nos. 2601, 2602, 2603,
LOT Nos. 1, 6, 72
QUEENS NEW YORK

Figure Title
VAPOR SAMPLING LOCATIONS

Project No. 100965501
Date 5/27/2022
Scale 1"=100'
Drawn By ATR
Figure No. 1

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TABLE 1

LABORATORY DATA SUMMARY TABLE
(BUILDING 57-00)

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Table 1
Remedial Investigation Report
Sub-Slab Vapor and Indoor Air Sample Analytical Results

47th Street Site
57-00 (Block 2601, Lot 6)
Maspeth, Queens, New York
Langan Project No.: 100965501

Analyte	CAS Number	NYSDOH AGVs	Location	AA01	SSV01_IA01		SSV02_IA02		SSV03_IA03	
			Sample Name	AA01_051222	IA01_051222	SSV01_051222	IA02_051222	SSV02_051222	IA03_051222	SSV03_051222
			Sample Date	05/12/2022	05/12/2022	05/12/2022	05/12/2022	05/12/2022	05/12/2022	05/12/2022
			Sample Type	AA	IA	SSV	IA	SSV	IA	SSV
			Block/Lot	57-00 (Block 2601, Lot 6)	57-00 (Block 2601, Lot 6)	57-00 (Block 2601, Lot 6)	57-00 (Block 2601, Lot 6)	57-00 (Block 2601, Lot 6)	57-00 (Block 2601, Lot 6)	57-00 (Block 2601, Lot 6)
			Unit	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds										
1,1,1-Trichloroethane	71-55-6	NS	ug/m3	<0.109 U	<0.109 U	3.2	<0.109 UJ	<1.09 UJ	<0.109 U	<85.1 UJ
1,1,2,2-Tetrachloroethane	79-34-5	NS	ug/m3	<1.37 U	<1.37 U	<1.37 U	<1.37 UJ	<1.37 UJ	<1.37 U	<107 UJ
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS	ug/m3	<1.53 U	<1.53 U	<1.53 U	<1.53 UJ	<1.53 UJ	<1.53 U	<120 UJ
1,1,2-Trichloroethane	79-00-5	NS	ug/m3	<1.09 U	<1.09 U	<1.09 U	<1.09 UJ	<1.09 UJ	<1.09 U	<85.1 UJ
1,1-Dichloroethane	75-34-3	NS	ug/m3	<0.809 U	<0.809 U	<0.809 U	<0.809 UJ	<0.809 UJ	<0.809 U	<63.1 UJ
1,1-Dichloroethene	75-35-4	NS	ug/m3	<0.079 U	<0.079 U	<0.793 U	<0.079 UJ	<0.793 UJ	<0.079 U	<61.9 UJ
1,2,4-Trichlorobenzene	120-82-1	NS	ug/m3	<1.48 U	<1.48 U	<1.48 U	<1.48 UJ	<1.48 UJ	<1.48 U	<116 UJ
1,2,4-Trimethylbenzene	95-63-6	NS	ug/m3	<0.983 U	1.76	5.85	2.58 J	6.19 J	1.97	<76.7 UJ
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS	ug/m3	<1.54 U	<1.54 U	<1.54 U	<1.54 UJ	<1.54 UJ	<1.54 U	<120 UJ
1,2-Dichlorobenzene	95-50-1	NS	ug/m3	<1.2 U	<1.2 U	<1.2 U	<1.2 UJ	<1.2 UJ	<1.2 U	<93.8 UJ
1,2-Dichloroethane	107-06-2	NS	ug/m3	<0.809 U	<0.809 U	<0.809 U	<0.809 UJ	<0.809 UJ	<0.809 U	<63.1 UJ
1,2-Dichloropropane	78-87-5	NS	ug/m3	<0.924 U	<0.924 U	<0.924 U	<0.924 UJ	<0.924 UJ	<0.924 U	<72.1 UJ
1,2-Dichlorotetrafluoroethane	76-14-2	NS	ug/m3	<1.4 U	<1.4 U	<1.4 U	<1.4 UJ	<1.4 UJ	<1.4 U	<109 UJ
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	NS	ug/m3	<0.983 U	<0.983 U	1.59	<0.983 UJ	2.25 J	<0.983 U	<76.7 UJ
1,3-Butadiene	106-99-0	NS	ug/m3	<0.442 U	<0.442 U	0.688	<0.442 UJ	<0.442 UJ	<0.442 U	<34.5 UJ
1,3-Dichlorobenzene	541-73-1	NS	ug/m3	<1.2 U	<1.2 U	<1.2 U	<1.2 UJ	<1.2 UJ	<1.2 U	<93.8 UJ
1,4-Dichlorobenzene	106-46-7	NS	ug/m3	<1.2 U	<1.2 U	<1.2 U	<1.2 UJ	<1.2 UJ	<1.2 U	<93.8 UJ
1,4-Dioxane (P-Dioxane)	123-91-1	NS	ug/m3	<0.721 U	<0.721 U	3.5	<0.721 UJ	<0.721 UJ	<0.721 U	<56.2 UJ
2,2,4-Trimethylpentane	540-84-1	NS	ug/m3	<0.934 U	1.44	3.28	1.1 J	<0.934 UJ	1.18	32,600 J
2-Hexanone (MBK)	591-78-6	NS	ug/m3	<0.82 U	<0.82 U	10.9	<0.82 UJ	12.5 J	<0.82 U	<63.9 UJ
4-Ethyltoluene	622-96-8	NS	ug/m3	<0.983 U	<0.983 U	1.33	<0.983 UJ	1.28 J	<0.983 U	<76.7 UJ
Acetone	67-64-1	NS	ug/m3	10.4	9.69	858	13 J	333 J	10	508 J
Allyl Chloride (3-Chloropropene)	107-05-1	NS	ug/m3	<0.626 U	<0.626 U	<0.626 U	<0.626 UJ	<0.626 UJ	<0.626 U	<48.8 UJ
Benzene	71-43-2	NS	ug/m3	<0.639 U	0.674	19.2	<0.639 UJ	53 J	<0.639 U	530 J
Benzyl Chloride	100-44-7	NS	ug/m3	<1.04 U	<1.04 U	<1.04 U	<1.04 UJ	<1.04 UJ	<1.04 U	<80.8 UJ
Bromodichloromethane	75-27-4	NS	ug/m3	<1.34 U	<1.34 U	<1.34 U	<1.34 UJ	<1.34 UJ	<1.34 U	<105 UJ
Bromoethene	593-60-2	NS	ug/m3	<0.874 U	<0.874 U	<0.874 U	<0.874 UJ	<0.874 UJ	<0.874 U	<68.2 UJ
Bromoform	75-25-2	NS	ug/m3	<2.07 U	<2.07 U	<2.07 U	<2.07 UJ	<2.07 UJ	<2.07 U	<161 UJ
Bromomethane	74-83-9	NS	ug/m3	<0.777 U	<0.777 U	<0.777 U	<0.777 UJ	<0.777 UJ	<0.777 U	<60.6 UJ
Carbon Disulfide	75-15-0	NS	ug/m3	<0.623 U	<0.623 U	3.36	<0.623 UJ	3.24 J	<0.623 U	<48.6 UJ
Carbon Tetrachloride	56-23-5	NS	ug/m3	0.604	0.585	<1.26 U	0.61 J	<1.26 UJ	0.591	<98.1 UJ
Chlorobenzene	108-90-7	NS	ug/m3	<0.921 U	<0.921 U	<0.921 U	<0.921 UJ	<0.921 UJ	<0.921 U	<71.8 UJ
Chloroethane	75-00-3	NS	ug/m3	<0.528 U	<0.528 U	<0.528 U	<0.528 UJ	<0.528 UJ	<0.528 U	<41.2 UJ
Chloroform	67-66-3	NS	ug/m3	<0.977 U	<0.977 U	<0.977 U	<0.977 UJ	<0.977 UJ	<0.977 U	<76.2 UJ
Chloromethane	74-87-3	NS	ug/m3	1.49	1.48	<0.413 U	1.4 J	<0.413 UJ	1.37	<32.2 UJ
Cis-1,2-Dichloroethene	156-59-2	NS	ug/m3	<0.079 U	<0.079 U	<0.793 U	<0.079 UJ	<0.793 UJ	<0.079 U	<61.9 UJ
Cis-1,3-Dichloropropene	10061-01-5	NS	ug/m3	<0.908 U	<0.908 U	<0.908 U	<0.908 UJ	<0.908 UJ	<0.908 U	<70.8 UJ
Cyclohexane	110-82-7	NS	ug/m3	<0.688 U	<0.688 U	10.3	<0.688 UJ	14.8 J	<0.688 U	1,030 J
Dibromochloromethane	124-48-1	NS	ug/m3	<1.7 U	<1.7 U	<1.7 U	<1.7 UJ	<1.7 UJ	<1.7 U	<133 UJ
Dichlorodifluoromethane	75-71-8	NS	ug/m3	3.08	3	7.17	3.04 J	3.48 J	2.94	<77.1 UJ
Ethanol	64-17-5	NS	ug/m3	10.8	12.1	213	12 J	307 J	12.1	1,920 J
Ethyl Acetate	141-78-6	NS	ug/m3	<1.8 U	<1.8 U	<1.8 U	<1.8 UJ	<1.8 UJ	<1.8 U	<140 UJ
Ethylbenzene	100-41-4	NS	ug/m3	<0.869 U	<0.869 U	3.76	<0.869 UJ	6.12 J	<0.869 U	<67.8 UJ
Hexachlorobutadiene	87-68-3	NS	ug/m3	<2.13 U	<2.13 U	<2.13 U	<2.13 UJ	<2.13 UJ	<2.13 U	<166 UJ
Isopropanol	67-63-0	NS	ug/m3	2.75	3.88	230	3.15 J	105 J	3.71	122 J
M,P-Xylene	179601-23-1	NS	ug/m3	<1.74 U	2.7	13.7	1.92 J	20.9 J	2.31	136 J
Methyl Ethyl Ketone (2-Butanone)	78-93-3	NS	ug/m3	<1.47 U	<1.47 U	138	<1.47 UJ	60.5 J	<1.47 U	<115 UJ
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	ug/m3	<2.05 U	<2.05 U	11.3	<2.05 UJ	10.9 J	<2.05 U	<159 UJ
Methylene Chloride	75-09-2	NS	ug/m3	<1.74 U	NA	<1.74 U	NA	<1.74 UJ	NA	<135 UJ
Methylene Chloride	75-09-2	60	ug/m3	NA	<1.74 U	NA	<1.74 UJ	NA	<1.74 U	NA
n-Heptane	142-82-5	NS	ug/m3	<0.82 U	0.955	6.88	<0.82 UJ	24.5 J	0.836	1,910 J
n-Hexane	110-54-3	NS	ug/m3	<0.705 U	0.899	7.54	0.761 J	27.9 J	1.05	2,980 J
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	ug/m3	<0.869 U	1.11	5.13	0.882 J	7.77 J	0.956	138 J
Styrene	100-42-5	NS	ug/m3	<0.852 U	<0.852 U	0.996	<0.852 UJ	<0.852 UJ	<0.852 U	<66.4 UJ
Tert-Butyl Alcohol	75-65-0	NS	ug/m3	<1.52 U	75.5	61.5	102 J	34 J	91.6	<118 UJ
Tert-Butyl Methyl Ether	1634-04-4	NS	ug/m3	<0.721 U	<0.721 U	<0.721 U	<0.721 UJ	<0.721 UJ	<0.721 U	<56.2 UJ
Tetrachloroethene (PCE)	127-18-4	30	ug/m3	0.407	0.373	15.3	0.414 J	485 J	0.454	<106 UJ
Tetrahydrofuran	109-99-9	NS	ug/m3	<1.47 U	<1.47 U	<1.47 U	<1.47 UJ	<1.47 UJ	<1.47 U	<115 UJ
Toluene	108-88-3	NS	ug/m3	1.8	7.16	15.2	7.05 J	37.7 J	6.52	122 J
Trans-1,2-Dichloroethene	156-60-5	NS	ug/m3	<0.793 U	<0.793 U	<0.793 U	<0.793 UJ	<0.793 UJ	<0.793 U	<61.9 UJ
Trans-1,3-Dichloropropene	10061-02-6	NS	ug/m3	<0.908 U	<0.908 U	<0.908 U	<0.908 UJ	<0.908 UJ	<0.908 U	<70.8 UJ
Trichloroethene (TCE)	79-01-6	2	ug/m3	<0.107 U	<0.107 U	<1.07 U	<0.107 UJ	57 J	<0.107 U	<83.8 UJ
Trichlorofluoromethane	75-69-4	NS	ug/m3	1.79	1.75	1.96	1.8 J	2.64 J	1.82	<87.7 UJ
Vinyl Chloride	75-01-4	NS	ug/m3	<0.051 U	<0.051 U	<0.511 U	<0.051 UJ	<0.511 UJ	<0.051 U	501 J

Table 1
Remedial Investigation Report
Sub-Slab Vapor and Indoor Air Sample Analytical Results

47th Street Site
57-00 (Block 2601, Lot 6)
Maspeth, Queens, New York
Langan Project No.: 100965501

Notes:
AA - Ambient Air
IA - Indoor Air
SSV - Sub-slab Soil Vapor
CAS - Chemical Abstract Service
NS - No standard
ug/m3 - microgram per cubic meter
NA - Not analyzed
RL - Reporting limit
<RL - Not detected
Indoor air sample analytical results are compared to the New York State Department of Health (NYSDOH) Air Guideline Values (AGVs) as set forth in the NYSDOH October 2006 Guidance for Evaluating Soil Vapor Intrusion in the State of New York and subsequent updates (2013, 2015, 2017).
Ambient air sample analytical results are shown for reference only.

Qualifiers:
J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
UJ - The analyte was not detected at a level greater than or equal to the RL; however, the reported RL is approximate and may be inaccurate or imprecise.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

Exceedance Summary:
10 - Result exceeds NYSDOH AGVs

TABLE 2

LABORATORY DATA SUMMARY TABLE
(BUILDING 57-05)

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Table 2
Remedial Investigation Report
Sub-Slab Vapor and Indoor Air Sample Analytical Results

47th Street Site
57-05 (Block 2602, Lot 72)
Maspeth, Queens, New York
Langan Project No.: 100965501

Analyte	CAS Number	NYSDOH AGVs	Location	SSV04_IA04		SSV05_IA05	
			Sample Name	IA04_051222	SSV04_051222	IA05_051222	SSV05_051222
			Sample Date	05/12/2022	05/12/2022	05/12/2022	05/12/2022
			Sample Type	IA	SSV	IA	SSV
			Block/Lot	57-05 (Block 2602, Lot 72)	57-05 (Block 2602, Lot 72)	57-05 (Block 2602, Lot 72)	57-05 (Block 2602, Lot 72)
			Unit	Result	Result	Result	Result
Volatile Organic Compounds							
1,1,1-Trichloroethane	71-55-6	NS	ug/m3	<0.109 U	<1.09 UJ	<0.109 U	<1.09 UJ
1,1,2,2-Tetrachloroethane	79-34-5	NS	ug/m3	<1.37 U	<1.37 UJ	<1.37 U	<1.37 UJ
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS	ug/m3	<1.53 U	<1.53 UJ	<1.53 U	<1.53 UJ
1,1,2-Trichloroethane	79-00-5	NS	ug/m3	<1.09 U	<1.09 UJ	<1.09 U	<1.09 UJ
1,1-Dichloroethane	75-34-3	NS	ug/m3	<0.809 U	<0.809 UJ	<0.809 U	<0.809 UJ
1,1-Dichloroethene	75-35-4	NS	ug/m3	<0.079 U	<0.793 UJ	<0.079 U	<0.793 UJ
1,2,4-Trichlorobenzene	120-82-1	NS	ug/m3	<1.48 U	<1.48 UJ	<1.48 U	<1.48 UJ
1,2,4-Trimethylbenzene	95-63-6	NS	ug/m3	<0.983 U	22.3 J	<0.983 U	2.24 J
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS	ug/m3	<1.54 U	<1.54 UJ	<1.54 U	<1.54 UJ
1,2-Dichlorobenzene	95-50-1	NS	ug/m3	<1.2 U	<1.2 UJ	<1.2 U	<1.2 UJ
1,2-Dichloroethane	107-06-2	NS	ug/m3	<0.809 U	<0.809 UJ	<0.809 U	<0.809 UJ
1,2-Dichloropropane	78-87-5	NS	ug/m3	<0.924 U	<0.924 UJ	<0.924 U	<0.924 UJ
1,2-Dichlorotetrafluoroethane	76-14-2	NS	ug/m3	<1.4 U	<1.4 UJ	<1.4 U	<1.4 UJ
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	NS	ug/m3	<0.983 U	6.49 J	<0.983 U	<0.983 UJ
1,3-Butadiene	106-99-0	NS	ug/m3	<0.442 U	<0.442 UJ	<0.442 U	0.553 J
1,3-Dichlorobenzene	541-73-1	NS	ug/m3	<1.2 U	<1.2 UJ	<1.2 U	<1.2 UJ
1,4-Dichlorobenzene	106-46-7	NS	ug/m3	<1.2 U	<1.2 UJ	<1.2 U	<1.2 UJ
1,4-Dioxane (P-Dioxane)	123-91-1	NS	ug/m3	<0.721 U	28.4 J	<0.721 U	2.83 J
2,2,4-Trimethylpentane	540-84-1	NS	ug/m3	<0.934 U	4.18 J	1.16	4.81 J
2-Hexanone (MBK)	591-78-6	NS	ug/m3	<0.82 U	12.4 J	<0.82 U	<0.82 UJ
4-Ethyltoluene	622-96-8	NS	ug/m3	<0.983 U	2.96 J	<0.983 U	<0.983 UJ
Acetone	67-64-1	NS	ug/m3	10.2	4,580 J	12.8	133 J
Allyl Chloride (3-Chloropropene)	107-05-1	NS	ug/m3	<0.626 U	<0.626 UJ	<0.626 U	<0.626 UJ
Benzene	71-43-2	NS	ug/m3	<0.639 U	1.63 J	0.751	2.43 J
Benzyl Chloride	100-44-7	NS	ug/m3	<1.04 U	<1.04 UJ	<1.04 U	<1.04 UJ
Bromodichloromethane	75-27-4	NS	ug/m3	<1.34 U	<1.34 UJ	<1.34 U	<1.34 UJ
Bromoethene	593-60-2	NS	ug/m3	<0.874 U	<0.874 UJ	<0.874 U	<0.874 UJ
Bromoform	75-25-2	NS	ug/m3	<2.07 U	<2.07 UJ	<2.07 U	<2.07 UJ
Bromomethane	74-83-9	NS	ug/m3	<0.777 U	<0.777 UJ	<0.777 U	<0.777 UJ
Carbon Disulfide	75-15-0	NS	ug/m3	<0.623 U	38 J	<0.623 U	0.891 J
Carbon Tetrachloride	56-23-5	NS	ug/m3	0.585	<1.26 UJ	0.579	<1.26 UJ
Chlorobenzene	108-90-7	NS	ug/m3	<0.921 U	<0.921 UJ	<0.921 U	<0.921 UJ
Chloroethane	75-00-3	NS	ug/m3	<0.528 U	<0.528 UJ	<0.528 U	<0.528 UJ
Chloroform	67-66-3	NS	ug/m3	<0.977 U	<0.977 UJ	<0.977 U	<0.977 UJ
Chloromethane	74-87-3	NS	ug/m3	1.47	<0.413 UJ	2.52	<0.413 UJ
Cis-1,2-Dichloroethene	156-59-2	NS	ug/m3	<0.079 U	<0.793 UJ	<0.079 U	<0.793 UJ
Cis-1,3-Dichloropropene	10061-01-5	NS	ug/m3	<0.908 U	<0.908 UJ	<0.908 U	<0.908 UJ
Cyclohexane	110-82-7	NS	ug/m3	<0.688 U	4.96 J	<0.688 U	2.48 J
Dibromochloromethane	124-48-1	NS	ug/m3	<1.7 U	<1.7 UJ	<1.7 U	<1.7 UJ
Dichlorodifluoromethane	75-71-8	NS	ug/m3	3.09	3.04 J	3	2.67 J
Ethanol	64-17-5	NS	ug/m3	13.8	987 J	14.8	192 J
Ethyl Acetate	141-78-6	NS	ug/m3	<1.8 U	<1.8 UJ	<1.8 U	<1.8 UJ
Ethylbenzene	100-41-4	NS	ug/m3	<0.869 U	4.26 J	<0.869 U	1.93 J
Hexachlorobutadiene	87-68-3	NS	ug/m3	<2.13 U	<2.13 UJ	<2.13 U	<2.13 UJ
Isopropanol	67-63-0	NS	ug/m3	3.1	258 J	7.94	88.7 J
M,P-Xylene	179601-23-1	NS	ug/m3	2.7	16.3 J	2.24	6.95 J
Methyl Ethyl Ketone (2-Butanone)	78-93-3	NS	ug/m3	<1.47 U	136 J	<1.47 U	6.19 J
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	ug/m3	<2.05 U	35.1 J	<2.05 U	<2.05 UJ
Methylene Chloride	75-09-2	NS	ug/m3	NA	<1.74 UJ	NA	<1.74 UJ
Methylene Chloride	75-09-2	60	ug/m3	<1.74 U	NA	<1.74 U	NA
n-Heptane	142-82-5	NS	ug/m3	<0.82 U	8.77 J	0.84	5.41 J
n-Hexane	110-54-3	NS	ug/m3	<0.705 U	5.25 J	1.48	11.2 J
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	ug/m3	1.08	7.21 J	0.908	2.35 J
Styrene	100-42-5	NS	ug/m3	<0.852 U	<0.852 UJ	<0.852 U	<0.852 UJ
Tert-Butyl Alcohol	75-65-0	NS	ug/m3	10.9	132 J	16.4	2.69 J
Tert-Butyl Methyl Ether	1634-04-4	NS	ug/m3	<0.721 U	<0.721 UJ	<0.721 U	<0.721 UJ
Tetrachloroethene (PCE)	127-18-4	30	ug/m3	0.475	49.5 J	0.468	30.8 J
Tetrahydrofuran	109-99-9	NS	ug/m3	<1.47 U	33.9 J	<1.47 U	<1.47 UJ
Toluene	108-88-3	NS	ug/m3	8.14	46 J	7.73	10.3 J
Trans-1,2-Dichloroethene	156-60-5	NS	ug/m3	<0.793 U	<0.793 UJ	<0.793 U	<0.793 UJ
Trans-1,3-Dichloropropene	10061-02-6	NS	ug/m3	<0.908 U	<0.908 UJ	<0.908 U	<0.908 UJ
Trichloroethene (TCE)	79-01-6	2	ug/m3	<0.107 U	<1.07 UJ	<0.107 U	<1.07 UJ
Trichlorofluoromethane	75-69-4	NS	ug/m3	1.72	2.45 J	1.73	3.33 J
Vinyl Chloride	75-01-4	NS	ug/m3	<0.051 U	0.631 J	<0.051 U	<0.511 UJ

Table 2
Remedial Investigation Report
Sub-Slab Vapor and Indoor Air Sample Analytical Results

47th Street Site
57-05 (Block 2602, Lot 72)
Maspeth, Queens, New York
Langan Project No.: 100965501

Notes:

IA - Indoor Air
SSV - Sub-slab Soil Vapor
CAS - Chemical Abstract Service
NS - No standard
ug/m3 - microgram per cubic meter
NA - Not analyzed
RL - Reporting limit
<RL - Not detected
Indoor air sample analytical results are compared to the New York State Department of Health (NYSDOH) Air Guideline Values (AGVs) as set forth in the NYSDOH October 2006 Guidance for Evaluating Soil Vapor Intrusion in the State of New York and subsequent updates (2013, 2015, 2017).
Ambient air sample analytical results are shown for reference only.

Qualifiers:

J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
UJ - The analyte was not detected at a level greater than or equal to the RL; however, the reported RL is approximate and may be inaccurate or imprecise.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

Exceedance Summary:

10 - Result exceeds NYSDOH AGVs

ATTACHMENT 1

INDOOR AIR BUILDING SURVEYS

LANGAN

57-00 47th Street, Maspeth (Queens) New York

NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Preston Lai Date/Time Prepared 5/12/2022 @ 8:00

Preparer's Affiliation Langan Phone No. 973.560.4785

Purpose of Investigation Determine if VI trigger(s) exist

1. OCCUPANT:

Interviewed: Y / (N)

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants _____

2. OWNER OR LANDLORD: (Check if same as occupant ___)

Interviewed: Y / (N)

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential	School	(Commercial) Multi-use
(Industrial)	Church	Other: _____

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) Former concrete recycling/testing facility and maintenance garage

Does it include residences (i.e., multi-use)? Y / (N) If yes, how many? _____

Other characteristics:

Number of floors West- 1, East- 2 Building age Approx. 52 Years

Is the building insulated? Y / (N) How air tight? Tight / Average / (Not Tight)

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Current tubes/tracer smoke evaluation not performed, building is vacant.

Airflow between floors

_____

_____

_____

Airflow near source

_____

_____

_____

Outdoor air infiltration

_____

_____

_____

Infiltration into air ducts

_____

_____

_____

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

a. Above grade construction:	wood frame	concrete	stone	brick
b. Basement type:	full	crawlspace	slab	other _____
c. Basement floor:	concrete	dirt	stone	other _____
d. Basement floor:	uncovered	covered	covered with _____	
e. Concrete floor:	unsealed	sealed	sealed with _____	
f. Foundation walls:	poured	block	stone	other _____
g. Foundation walls:	unsealed	sealed	sealed with _____	
h. The basement is:	wet	damp	dry	moldy
i. The basement is:	finished	unfinished	partially finished	Utilized as first floor
j. Sump present?	Y / N			
k. Water in sump?	Y / N / not applicable			

Basement/Lowest level depth below grade: 0 (feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

Trench drains and oil/water separator

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

Hot air circulation	Heat pump	Hot water baseboard	
Space Heaters	Stream radiation	Radiant floor	
Electric baseboard	Wood stove	Outdoor wood boiler	Other _____

The primary type of fuel used is:

Natural Gas	Fuel Oil	Kerosene
Electric	Propane	Solar
Wood	Coal	

Domestic hot water tank fueled by: Natural gas, however not operable

Boiler/furnace located in: Basement Outdoors Main Floor Other_____

Air conditioning: Central Air Window units Open Windows None

Are there air distribution ducts present? (Y) / N Eastern end of building

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

Building currently vacant and in disrepair due to roof failure. Duct joints assumed to be loose.
Building is vacant, therefore HVAC system on eastern end of building not in service.

7. OCCUPANCY

Is basement/lowest level occupied? Full-time Occasionally Seldom Almost Never (Vacant)

Level	**General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**
Basement	N/A- Slab on grade
1st Floor	Eastern end- Concrete lab and office space. Western end- Vehicle maintenance garage.
2nd Floor	Eastern end- Office space. Western end- No second floor.
3rd Floor	
4th Floor	

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage? (Y) / N

b. Does the garage have a separate heating unit? (Y) / N / NA

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) Y / N / (NA)
Please specify Currently vacant

d. Has the building ever had a fire? Y / (N) When?

e. Is a kerosene or unvented gas space heater present? Y / (N) Where?

f. Is there a workshop or hobby/craft area? Y / (N) Where & Type?

g. Is there smoking in the building? Y / (N) How frequently?

h. Have cleaning products been used recently? Y / (N) When & Type?

i. Have cosmetic products been used recently? Y / (N) When & Type?

j. Has painting/staining been done in the last 6 months? Y / (N) Where & When? _____

k. Is there new carpet, drapes or other textiles? Y / (N) Where & When? _____

l. Have air fresheners been used recently? Y / (N) When & Type? _____

m. Is there a kitchen exhaust fan? Y / (N) If yes, where vented?_____

n. Is there a bathroom exhaust fan? Y / (N) If yes, where vented?_____

o. Is there a clothes dryer? Y / (N) If yes, is it vented outside? Y / N

p. Has there been a pesticide application? Y / (N) When & Type?_____

Are there odors in the building? Y / (N)
If yes, please describe: _____

Do any of the building occupants use solvents at work? Y / (N)
(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work? Y / (N)

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly) (No)
Yes, use dry-cleaning infrequently (monthly or less) Unknown
Yes, work at a dry-cleaning service

Is there a radon mitigation system for the building/structure? Y / (N) Date of Installation: _____
Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

Water Supply: (Public Water) Drilled Well Driven Well Dug Well Other: _____

Sewage Disposal: (Public Sewer) Septic Tank Leach Field Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency) N/A

a. Provide reasons why relocation is recommended: _____

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

c. Responsibility for costs associated with reimbursement explained? Y / N

d. Relocation package provided and explained to residents? Y / N

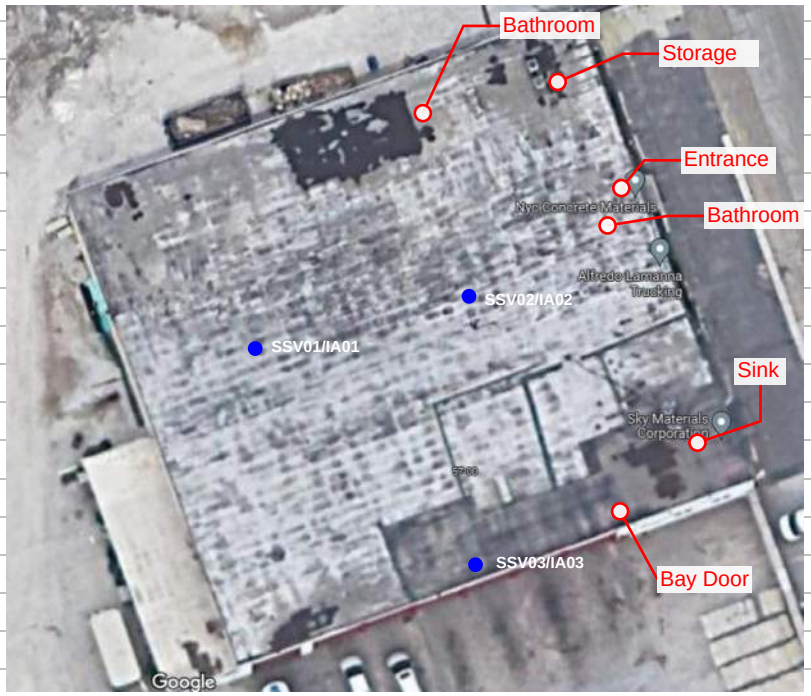
11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:

Slab on grade, no basement

First Floor:

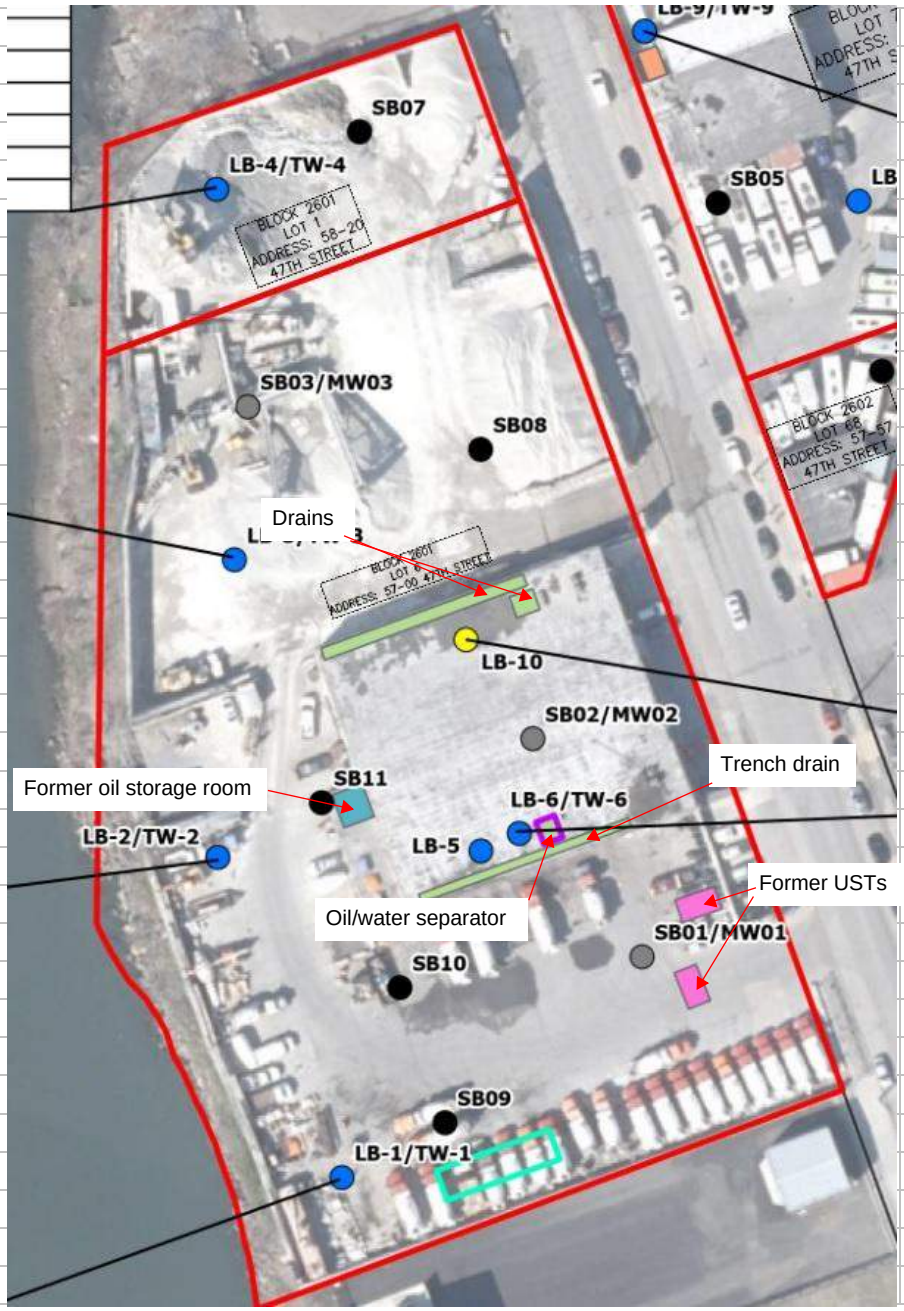


*Sample locations are approximate

12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.



13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: MiniRAE 3000+

List specific products found in the residence that have the potential to affect indoor air quality.

PID readings collected from open containers. All containers closed had 0 ppm readings.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
Bay Door	Lizzie Mae's Pigeon Feed	Empty	Empty	Grains	0.0 ppm	No
Bay Door	Flexlock Polymeric Sand	50 lb.	Ripped- open	Sand w/ polymers	0.0 ppm	No
Bay Door	Spec mix mortar	50 lb.	Ripped- open	Mortar	0.0 ppm	No
Bathroom	Fire extinguisher	10 lb.	Closed- good	Carbon dioxide	0.0 ppm	No
Sink	Prestone antifreeze	Empty	Closed- good	Ethylene glycol	0.0 ppm	No
Sink	Fram full synthetic motor oil	Empty	Open	Motor oil	0.0 ppm	No
Bathroom	Krystal Kleer washer fluid	Empty	Open	Ethylene glycol	0.0 ppm	No
Bathroom	Lysol Disinfectant spray	7 oz.	Closed- good	Alkyl, Dimethyl Benzyl Ammonium Chlorides	0.0 ppm	No
Bathroom	Febreze Air	8.8 oz.	Closed- good	Cyclodextrin, alcohol, and Hydrogenated Castor Oil	0.0 ppm	No
Bathroom	Pledge Multi-Surface	8.8 oz.	Closed- good	ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE, N-ALKYL, HEXOXYETHANOL	0.0 ppm	No
Entrance	Dwayne Reed 3% hydrogen peroxide	Empty	Closed- good	Hydrogen peroxide	0.0 ppm	No
Storage	Minote Chem 480 P&R	3 gal.	Closed- good	Butyl APC water soluble degreaser	23 ppm	No
Storage	Remove R&R Chemical	3 gal.	Closed- good	Degreaser and wax stripper	23 ppm	No
Entrance	Lock Ease	3 oz.	Closed- good	Aluminum stearate and petroleum oil lubricant, colloidal graphite, water-repellant and anti corrosion additives	0.0 ppm	No

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

57-05 47th Street, Maspeth (Queens) New York

NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Preston Lai Date/Time Prepared 5/12/2022 @ 8:45

Preparer's Affiliation Langan Phone No. 973.560.4785

Purpose of Investigation Determine if VI trigger(s) exist

1. OCCUPANT:

Interviewed: Y / (N)

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants _____

2. OWNER OR LANDLORD: (Check if same as occupant ___)

Interviewed: Y / (N)

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential	School	(Commercial) Multi-use
Industrial	Church	Other: _____

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) Former vehicle maintenance garage/masonry material storage facility

Does it include residences (i.e., multi-use)? Y / (N) If yes, how many? _____

Other characteristics:

Number of floors 1 Building age Approx. 52 Years

Is the building insulated? Y / (N) How air tight? Tight / Average / (Not Tight)

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Current tubes/tracer smoke evaluation not performed, building is vacant.

Airflow between floors

_____

_____

_____

Airflow near source

_____

_____

_____

Outdoor air infiltration

_____

_____

_____

Infiltration into air ducts

_____

_____

_____

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

a. Above grade construction:	wood frame	concrete	stone	brick
b. Basement type:	full	crawlspace	slab	other _____
c. Basement floor:	concrete	dirt	stone	other _____
d. Basement floor:	uncovered	covered	covered with _____	
e. Concrete floor:	unsealed	sealed	sealed with _____	
f. Foundation walls:	poured	block	stone	other _____
g. Foundation walls:	unsealed	sealed	sealed with _____	
h. The basement is:	wet	damp	dry	moldy
i. The basement is:	finished	unfinished	partially finished	Utilized as first floor
j. Sump present?	Y / N			
k. Water in sump?	Y / N / not applicable			

Basement/Lowest level depth below grade: 0 (feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

Trench drains

_____

_____

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

Hot air circulation	Heat pump	Hot water baseboard	
Space Heaters	Stream radiation	Radiant floor	
Electric baseboard	Wood stove	Outdoor wood boiler	Other _____

The primary type of fuel used is:

Natural Gas	Fuel Oil	Kerosene
Electric	Propane	Solar
Wood	Coal	

Domestic hot water tank fueled by: Natural gas, however not operable

Boiler/furnace located in: Basement Outdoors Main Floor Other_____

Air conditioning: Central Air Window units Open Windows None

Are there air distribution ducts present? (Y) / N Western end of building

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

Building currently vacant and in disrepair. Duct joints assumed to be loose.
Building is vacant, therefore HVAC system on western end of building not in service.

7. OCCUPANCY

Is basement/lowest level occupied? Full-time Occasionally Seldom Almost Never (Vacant)

Level	**General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**
Basement	N/A- Slab on grade
1st Floor	Eastern end- Former vehicle maintenance. Western end- Office space.
2nd Floor	
3rd Floor	
4th Floor	

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage? (Y) / N

b. Does the garage have a separate heating unit? (Y) / N / NA

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) Y / N / (NA)
Please specify Currently vacant

d. Has the building ever had a fire? Y / (N) When?_____

e. Is a kerosene or unvented gas space heater present? Y / (N) Where? _____

f. Is there a workshop or hobby/craft area? Y / (N) Where & Type? _____

g. Is there smoking in the building? Y / (N) How frequently? _____

h. Have cleaning products been used recently? Y / (N) When & Type? _____

i. Have cosmetic products been used recently? Y / (N) When & Type? _____

11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:

Slab on grade, no basement

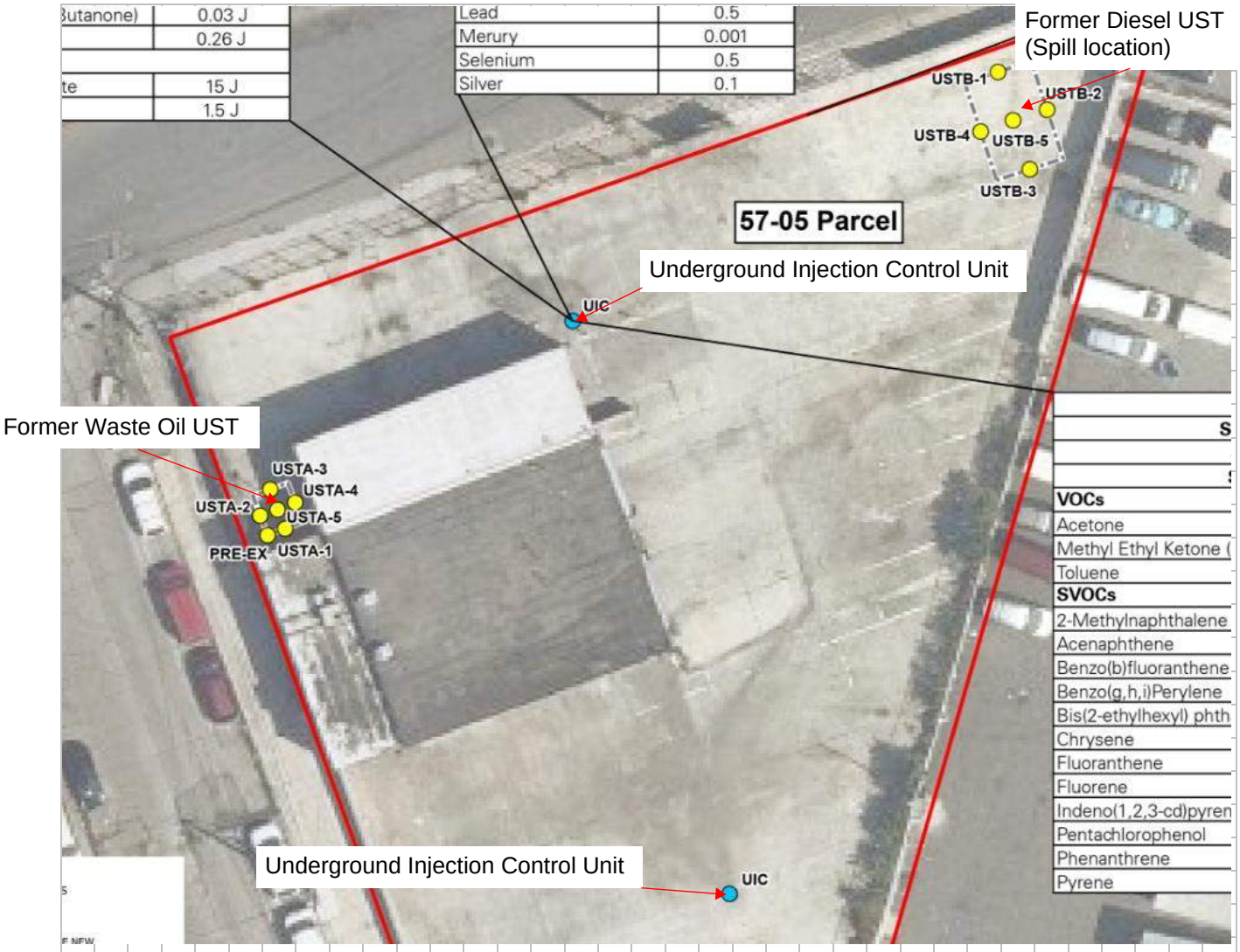
First Floor:

*Sample locations are approximate

12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.



j. Has painting/staining been done in the last 6 months? Y / (N) Where & When? _____

k. Is there new carpet, drapes or other textiles? Y / (N) Where & When? _____

l. Have air fresheners been used recently? Y / (N) When & Type? _____

m. Is there a kitchen exhaust fan? Y / (N) If yes, where vented?_____

n. Is there a bathroom exhaust fan? Y / (N) If yes, where vented?_____

o. Is there a clothes dryer? Y / (N) If yes, is it vented outside? Y / N

p. Has there been a pesticide application? Y / (N) When & Type?_____

Are there odors in the building? Y / (N)
If yes, please describe: _____

Do any of the building occupants use solvents at work? Y / (N)
(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work? Y / (N)

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly) (No)
Yes, use dry-cleaning infrequently (monthly or less) Unknown
Yes, work at a dry-cleaning service

Is there a radon mitigation system for the building/structure? Y / (N) Date of Installation: _____
Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

Water Supply: (Public Water) Drilled Well Driven Well Dug Well Other: _____

Sewage Disposal: (Public Sewer) Septic Tank Leach Field Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency) N/A

a. Provide reasons why relocation is recommended: _____

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

c. Responsibility for costs associated with reimbursement explained? Y / N

d. Relocation package provided and explained to residents? Y / N

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: MiniRAE 3000+

List specific products found in the residence that have the potential to affect indoor air quality.

PID readings collected from open containers. All containers closed had 0 ppm readings.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo ** Y / N
Interior wall	3M Fire lining seal	Empty	Empty	water-based acrylic	0.6 ppm	No
Interior wall	Chem Safe Clear odorless mastic remover	(3) 5-gal.	Empty	Petroleum distillate, butoxydiglycol, and surfactant mixture	40 ppm	No
Interior wall	Total fire protection extinguisher	10 lb.	Closed- good	Carbon dioxide	0.0 ppm	No

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

ATTACHMENT 2

SUB-SLAB VAPOR POINT INSTALLATION LOGS

SOIL VAPOR SAMPLING LOG SHEET

Sample Number: SSV01

PROJECT: 57-00, 57-05, and 58-20 47th Street	**PROJECT NO.:** 100965501	
LOCATION: Queens, NY	**SURFACE ELEVATION AND DATUM:** n/a	
DRILLING FIRM OR LANGAN INSTALLER: Kale Novalis/ Preston Lai	**INSTALLATION DATE STARTED:** 5/11/2022	**DATE FINISHED:** 5/11/2022
INSTALLATION FOREMAN: n/a	**SAMPLE DATE STARTED:** 5/12/2022	**DATE FINISHED:** 5/12/2022
INSTALLATION EQUIPMENT: Hammer Drill	**TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister	
INSPECTOR: Kale Novalis/Preston Lai	**SAMPLER:** Preston Lai	
POTENTIAL SAMPLE INTERFERENCES:	**WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 70s Wind: 10S Precipitation: n/a Pressure: 30.3	

METHOD OF INSTALLATION AND PURGING:
Sub-slab vapor sampling point was installed by Langan using a hammer drill by drilling a 5/8-inch diameter hole through the concrete slab to a depth about one inch into the underlying soil. The sampling point was then completed with a Vapor Pin™ assembly, consisting of steel barb fitting with a silcone sleeve sealing the 5/8-inch-diameter hole.

TUBING TYPE/DIAMETER: 3/16-inch ID, 1/4-inch OD Teflon-Lined Polyethylene Tubing	**TYPE OF MATERIAL ABOVE SEAL:** None
IMPLANT SCREEN TYPE/LENGTH/DIAMETER: 2-Inch Stainless Steel Probe	**SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.):** Modeling Clay
BOREHOLE DIAMETER: 5/8 inch	**FILTER PACK MATERIAL (Sand or Glass Beads):** None

PURGE VOLUME (L):	1.00	
PURGE FLOW RATE (ML/MIN):	250	
PID AFTER PURGE (PPM):	20	
HELIUM TESTS	Pre-sampling	Post-sampling
HELIUM TEST IN BUCKET PPM:	53.9	-
HELIUM TEST IN TUBE (PPM):	0	-
SAMPLE START TIME:	7:29	
SAMPLE STOP TIME:	17:43	
TOTAL SAMPLE TIME (HOURS):	8	
REGULATOR FLOW RATE (mL/MIN):	11.5	
VOLUME OF SAMPLE (LITERS):	6	
PID AFTER SAMPLE (PPM):	-	
SAMPLE MOISTURE CONTENT:	n/a	
CAN SERIAL NUMBER:	3256	
REGULATOR SERIAL NUMBER:	01498	
CAN START VACUUM PRESS. (" HG):	-30.51	
CAN STOP VACUUM PRESS. (" HG):	-4.85	

IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)	**DEPTH (FEET FROM SURFACE)**	**NOTES**
SURFACE / SURFACE		
Top of slab	**0**	
Bottom of slab	7"	
Probe Depth	13"	

SAMPLE LOCATION SKETCH

See Sample Location Plan

NOTES

Sample ID: SSV01
Co-located Sample ID: IA01

Langan Engineering, Environmental, Surveying, Landscape Architecture, and Geology D.P.C.
21 Penn Plaza, 360 West 31st Street, 8th Floor, New York, New York 10001-2727

SOIL VAPOR SAMPLING LOG SHEET

Sample Number: SSV02

PROJECT: 57-00, 57-05, and 58-20 47th Street		**PROJECT NO.:** 100965501	
LOCATION: Queens, NY		**SURFACE ELEVATION AND DATUM:** n/a	
DRILLING FIRM OR LANGAN INSTALLER: Kale Novalis/ Preston Lai		**INSTALLATION DATE STARTED:** 5/11/2022	**DATE FINISHED:** 5/11/2022
INSTALLATION FOREMAN: n/a		**SAMPLE DATE STARTED:** 5/12/2022	**DATE FINISHED:** 5/12/2022
INSTALLATION EQUIPMENT: Hammer Drill		**TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister	
INSPECTOR: Kale Novalis/Preston Lai		**SAMPLER:** Preston Lai	
POTENTIAL SAMPLE INTERFERENCES:		**WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 70s Wind: 10S Precipitation: n/a Pressure: 30.3	

METHOD OF INSTALLATION AND PURGING:

Sub-slab vapor sampling point was installed by Langan using a hammer drill by drilling a 5/8-inch diameter hole through the concrete slab to a depth about one inch into the underlying soil. The sampling point was then completed with a Vapor Pin™ assembly, consisting of steel barb fitting with a silcone sleeve sealing the 5/8-inch-diameter hole.

TUBING TYPE/DIAMETER: 3/16-inch ID, 1/4-inch OD Teflon-Lined Polyethylene Tubing	**TYPE OF MATERIAL ABOVE SEAL:** None
IMPLANT SCREEN TYPE/LENGTH/DIAMETER: 2-Inch Stainless Steel Probe	**SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.):** Modeling Clay
BOREHOLE DIAMETER: 5/8 inch	**FILTER PACK MATERIAL (Sand or Glass Beads):** None

PURGE VOLUME (L):	1.00
PURGE FLOW RATE (ML/MIN):	250
PID AFTER PURGE (PPM):	0.7

HELIUM TESTS	Pre-sampling	Post-sampling
HELIUM TEST IN BUCKET(PPM):	58.2	-
HELIUM TEST IN TUBE (PPM):	0	-

SAMPLE START TIME:	7:33
SAMPLE STOP TIME:	17:16
TOTAL SAMPLE TIME (HOURS):	8
REGULATOR FLOW RATE (mL/MIN):	11.5
VOLUME OF SAMPLE (LITERS):	6
PID AFTER SAMPLE (PPM):	-
SAMPLE MOISTURE CONTENT:	n/a
CAN SERIAL NUMBER:	1699
REGULATOR SERIAL NUMBER:	01170
CAN START VACUUM PRESS. (" HG):	-30.57
CAN STOP VACUUM PRESS. (" HG):	-3.71

IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)	**DEPTH (FEET FROM SURFACE)**	**NOTES**
SURFACE / SURFACE		
Top of slab	**0**	
Bottom of slab	7"	
Probe Depth	13"	

SAMPLE LOCATION SKETCH

See Sample Location Plan

NOTES

Sample ID: SSV02

Co-located Sample ID: IA02

Langan Engineering, Environmental, Surveying, Landscape Architecture, and Geology D.P.C.
21 Penn Plaza, 360 West 31st Street, 8th Floor, New York, New York 10001-2727

SOIL VAPOR SAMPLING LOG SHEET

Sample Number: SSV03

PROJECT: 57-00, 57-05, and 58-20 47th Street		**PROJECT NO.:** 100965501	
LOCATION: Queens, NY		**SURFACE ELEVATION AND DATUM:** n/a	
DRILLING FIRM OR LANGAN INSTALLER: Kale Novalis/ Preston Lai		**INSTALLATION DATE STARTED:** 5/11/2022	**DATE FINISHED:** 5/11/2022
INSTALLATION FOREMAN: n/a		**SAMPLE DATE STARTED:** 5/12/2022	**DATE FINISHED:** 5/12/2022
INSTALLATION EQUIPMENT: Hammer Drill		**TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister	
INSPECTOR: Kale Novalis/Preston Lai		**SAMPLER:** Preston Lai	
POTENTIAL SAMPLE INTERFERENCES:		**WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 70s Wind: 10S Precipitation: n/a Pressure: 30.3	

METHOD OF INSTALLATION AND PURGING:

Sub-slab vapor sampling point was installed by Langan using a hammer drill by drilling a 5/8-inch diameter hole through the concrete slab to a depth about one inch into the underlying soil. The sampling point was then completed with a Vapor Pin™ assembly, consisting of steel barb fitting with a silcone sleeve sealing the 5/8-inch-diameter hole.

TUBING TYPE/DIAMETER: 3/16-inch ID, 1/4-inch OD Teflon-Lined Polyethylene Tubing		**TYPE OF MATERIAL ABOVE SEAL:** None	
IMPLANT SCREEN TYPE/LENGTH/DIAMETER: 2-Inch Stainless Steel Probe		**SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.):** Modeling Clay	
BOREHOLE DIAMETER: 5/8 inch		**FILTER PACK MATERIAL (Sand or Glass Beads):** None	
PURGE VOLUME (L):	1.00	**IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)**	**DEPTH (FEET FROM SURFACE)** / **NOTES**
PURGE FLOW RATE (ML/MIN):	250		
PID AFTER PURGE (PPM):	11.5		
HELIUM TESTS	Pre-sampling / Post-sampling		
HELIUM TEST IN BUCKET(PPM):	54.4 / -		
HELIUM TEST IN TUBE (PPM):	0 / -		
SAMPLE START TIME:	7:31		
SAMPLE STOP TIME:	17:18		
TOTAL SAMPLE TIME (HOURS):	8		
REGULATOR FLOW RATE (mL/MIN):	11.5		
VOLUME OF SAMPLE (LITERS):	6		
PID AFTER SAMPLE (PPM):	-		
SAMPLE MOISTURE CONTENT:	n/a		
CAN SERIAL NUMBER:	1603		
REGULATOR SERIAL NUMBER:	0915		
CAN START VACUUM PRESS. (" HG):	-30.66		
CAN STOP VACUUM PRESS. (" HG):	-3.77		

IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)	DEPTH (FEET FROM SURFACE)	NOTES
SURFACE / SURFACE		
Top of slab	**0**	
Bottom of slab	7"	
Probe Depth	13"	

SAMPLE LOCATION SKETCH

See Sample Location Plan

NOTES

Sample ID: SSV03

Co-located Sample ID: IA03

Langan Engineering, Environmental, Surveying, Landscape Architecture, and Geology D.P.C.
21 Penn Plaza, 360 West 31st Street, 8th Floor, New York, New York 10001-2727

SOIL VAPOR SAMPLING LOG SHEET

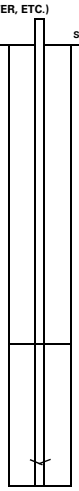
Sample Number: SSV04

PROJECT: 57-00, 57-05, and 58-20 47th Street		**PROJECT NO.:** 100965501	
LOCATION: Queens, NY		**SURFACE ELEVATION AND DATUM:** n/a	
DRILLING FIRM OR LANGAN INSTALLER: Kale Novalis/ Preston Lai		**INSTALLATION DATE STARTED:** 5/11/2022	**DATE FINISHED:** 5/11/2022
INSTALLATION FOREMAN: n/a		**SAMPLE DATE STARTED:** 5/12/2022	**DATE FINISHED:** 5/12/2022
INSTALLATION EQUIPMENT: Hammer Drill		**TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister	
INSPECTOR: Kale Novalis/Preston Lai		**SAMPLER:** Preston Lai	
POTENTIAL SAMPLE INTERFERENCES:		**WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 70s Wind: 10S Precipitation: n/a Pressure: 30.3	

METHOD OF INSTALLATION AND PURGING:

Sub-slab vapor sampling point was installed by Langan using a hammer drill by drilling a 5/8-inch diameter hole through the concrete slab to a depth about one inch into the underlying soil. The sampling point was then completed with a Vapor Pin™ assembly, consisting of steel barb fitting with a silcone sleeve sealing the 5/8-inch-diameter hole.

TUBING TYPE/DIAMETER: 3/16-inch ID, 1/4-inch OD Teflon-Lined Polyethylene Tubing		**TYPE OF MATERIAL ABOVE SEAL:** None	
IMPLANT SCREEN TYPE/LENGTH/DIAMETER: 2-Inch Stainless Steel Probe		**SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.):** Modeling Clay	
BOREHOLE DIAMETER: 5/8 inch		**FILTER PACK MATERIAL (Sand or Glass Beads):** None	
PURGE VOLUME (L):	1.00	**IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)**	**DEPTH (FEET FROM SURFACE)** / **NOTES**
PURGE FLOW RATE (ML/MIN):	250		
PID AFTER PURGE (PPM):	1.3		
HELIUM TESTS	Pre-sampling / Post-sampling		
HELIUM TEST IN BUCKET(PPM):	58.1 / -		
HELIUM TEST IN TUBE (PPM):	0 / -		
SAMPLE START TIME:	7:54		
SAMPLE STOP TIME:	18:07		
TOTAL SAMPLE TIME (HOURS):	8		
REGULATOR FLOW RATE (mL/MIN):	11.5		
VOLUME OF SAMPLE (LITERS):	6		
PID AFTER SAMPLE (PPM):	-		
SAMPLE MOISTURE CONTENT:	n/a		
CAN SERIAL NUMBER:	2998	**Bottom of slab**	12"
REGULATOR SERIAL NUMBER:	01097		
CAN START VACUUM PRESS. (" HG):	-30.48		
CAN STOP VACUUM PRESS. (" HG):	-2.79	**Probe Depth**	16"



SAMPLE LOCATION SKETCH

See Sample Location Plan

NOTES

Sample ID: SSV04

Co-located Sample ID: IA04

Langan Engineering, Environmental, Surveying, Landscape Architecture, and Geology D.P.C.

21 Penn Plaza, 360 West 31st Street, 8th Floor, New York, New York 10001-2727

SOIL VAPOR SAMPLING LOG SHEET

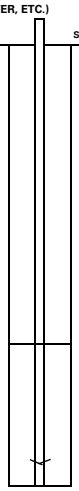
Sample Number: SSV05

PROJECT: 57-00, 57-05, and 58-20 47th Street		**PROJECT NO.:** 100965501	
LOCATION: Queens, NY		**SURFACE ELEVATION AND DATUM:** n/a	
DRILLING FIRM OR LANGAN INSTALLER: Kale Novalis/ Preston Lai		**INSTALLATION DATE STARTED:** 5/11/2022	**DATE FINISHED:** 5/11/2022
INSTALLATION FOREMAN: n/a		**SAMPLE DATE STARTED:** 5/12/2022	**DATE FINISHED:** 5/12/2022
INSTALLATION EQUIPMENT: Hammer Drill		**TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister	
INSPECTOR: Kale Novalis/Preston Lai		**SAMPLER:** Preston Lai	
POTENTIAL SAMPLE INTERFERENCES:		**WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 70s Wind: 10S Precipitation: n/a Pressure: 30.3	

METHOD OF INSTALLATION AND PURGING:

Sub-slab vapor sampling point was installed by Langan using a hammer drill by drilling a 5/8-inch diameter hole through the concrete slab to a depth about one inch into the underlying soil. The sampling point was then completed with a Vapor Pin™ assembly, consisting of steel barb fitting with a silcone sleeve sealing the 5/8-inch-diameter hole.

TUBING TYPE/DIAMETER: 3/16-inch ID, 1/4-inch OD Teflon-Lined Polyethylene Tubing		**TYPE OF MATERIAL ABOVE SEAL:** None	
IMPLANT SCREEN TYPE/LENGTH/DIAMETER: 2-Inch Stainless Steel Probe		**SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.):** Modeling Clay	
BOREHOLE DIAMETER: 5/8 inch		**FILTER PACK MATERIAL (Sand or Glass Beads):** None	
PURGE VOLUME (L):	1.00	**IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)**	**DEPTH (FEET FROM SURFACE)** / **NOTES**
PURGE FLOW RATE (ML/MIN):	250		
PID AFTER PURGE (PPM):	0		
HELIUM TESTS	Pre-sampling / Post-sampling		
HELIUM TEST IN BUCKET(PPM):	58.1 / -		
HELIUM TEST IN TUBE (PPM):	0 / -		
SAMPLE START TIME:	7:51		
SAMPLE STOP TIME:	18:00		
TOTAL SAMPLE TIME (HOURS):	8		
REGULATOR FLOW RATE (mL/MIN):	11.5		
VOLUME OF SAMPLE (LITERS):	6		
PID AFTER SAMPLE (PPM):	-		
SAMPLE MOISTURE CONTENT:	n/a		
CAN SERIAL NUMBER:	3610		
REGULATOR SERIAL NUMBER:	02056		
CAN START VACUUM PRESS. (" HG):	-30.32		
CAN STOP VACUUM PRESS. (" HG):	-3.21		



Top of slab	**0**
Bottom of slab	7"
Probe Depth	13"

SAMPLE LOCATION SKETCH

See Sample Location Plan

NOTES

Sample ID: SSV05

Co-located Sample ID: IA05

Langan Engineering, Environmental, Surveying, Landscape Architecture, and Geology D.P.C.

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AIR SAMPLING LOG SHEET

Sample Number: IA01

PROJECT: 57-00, 57-05, and 58-20 47th Street	**PROJECT NO.:** 100965501	
LOCATION: Queens, NY	**SURFACE ELEVATION AND DATUM:** N/A	
SAMPLER: Kale Novalis/ Preston Lai	**SAMPLE DATE STARTED:** 5/12/2022	**DATE FINISHED:** 5/12/2022
INSPECTOR: Kale Novalis/Preston Lai	**TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister	
POTENTIAL SAMPLE INTERFERENCES: Presence of chemicals	**WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):**	
	Temp:	70s
	Wind:	10S
	Precipitation:	n/a
	Pressure:	30.3

METHOD OF INSTALLATION AND SAMPLING:

Langan field screened the sample location with a MultiRAE photoionization detector prior to sampling. Sample consisted of 6L Summa canister fitted with an 8-hour flow control valve. The sample and flow controller were checked each hour during sampling to ensure proper operation.

SAMPLE DETAILS

HEIGHT ABOVE GROUND (FT):	3
PID BEFORE SAMPLE (PPM):	0.0
SAMPLE START TIME:	7:29
SAMPLE STOP TIME:	17:21
TOTAL SAMPLE TIME (HOURS):	8
REGULATOR FLOW RATE (mL/MIN):	11.5
VOLUME OF SAMPLE (LITERS):	6
PID AFTER SAMPLE (PPM):	n/a
SAMPLE MOISTURE CONTENT:	n/a
CAN SERIAL NUMBER:	992
REGULATOR SERIAL NUMBER:	01710
CAN START VACUUM PRESS. (" HG):	-30.58
CAN STOP VACUUM PRESS. (" HG):	-3.81

SAMPLE LOCATION SKETCH

See Sample Location Plan

NOTES

Sample ID: IA01

Co-located Sample ID: SSV01

Langan Engineering, Environmental, Surveying, Landscape Architecture, and Geology D.P.C.

21 Penn Plaza, 360 West 31st Street, 8th Floor, New York, New York 10001-2727

AIR SAMPLING LOG SHEET

Sample Number: IA02

PROJECT: 57-00, 57-05, and 58-20 47th Street	**PROJECT NO.:** 100965501		
LOCATION: Queens, NY	**SURFACE ELEVATION AND DATUM:** N/A		
SAMPLER: Kale Novalis/ Preston Lai	**SAMPLE DATE STARTED:** 5/12/2022	**DATE FINISHED:** 5/12/2022	
INSPECTOR: Kale Novalis/Preston Lai	**TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister		
POTENTIAL SAMPLE INTERFERENCES: Presence of chemicals	**WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):**		
	Temp:	70s	
	Wind:	10S	
	Precipitation:	n/a	
	Pressure:	30.3	

METHOD OF INSTALLATION AND SAMPLING:

Langan field screened the sample location with a MultiRAE photoionization detector prior to sampling. Sample consisted of 6L Summa canister fitted with an 8-hour flow control valve. The sample and flow controller were checked each hour during sampling to ensure proper operation.

SAMPLE DETAILS

HEIGHT ABOVE GROUND (FT):	3
PID BEFORE SAMPLE (PPM):	0.0
SAMPLE START TIME:	7:33
SAMPLE STOP TIME:	17:01
TOTAL SAMPLE TIME (HOURS):	8
REGULATOR FLOW RATE (mL/MIN):	11.5
VOLUME OF SAMPLE (LITERS):	6
PID AFTER SAMPLE (PPM):	n/a
SAMPLE MOISTURE CONTENT:	n/a
CAN SERIAL NUMBER:	3058
REGULATOR SERIAL NUMBER:	0385
CAN START VACUUM PRESS. (" HG):	-30.46
CAN STOP VACUUM PRESS. (" HG):	-2.56

SAMPLE LOCATION SKETCH

See Sample Location Plan

NOTES

Sample ID: IA02

Co-located Sample ID: SSV02

Langan Engineering, Environmental, Surveying, Landscape Architecture, and Geology D.P.C.

21 Penn Plaza, 360 West 31st Street, 8th Floor, New York, New York 10001-2727

AIR SAMPLING LOG SHEET

Sample Number: IA03

PROJECT: 57-00, 57-05, and 58-20 47th Street	**PROJECT NO.:** 100965501		
LOCATION: Queens, NY	**SURFACE ELEVATION AND DATUM:** N/A		
SAMPLER: Kale Novalis/ Preston Lai	**SAMPLE DATE STARTED:** 5/12/2022	**DATE FINISHED:** 5/12/2022	
INSPECTOR: Kale Novalis/Preston Lai	**TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister		
POTENTIAL SAMPLE INTERFERENCES: Presence of chemicals	**WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):**		
	Temp:	70s	
	Wind:	10S	
	Precipitation:	n/a	
	Pressure:	30.3	

METHOD OF INSTALLATION AND SAMPLING:

Langan field screened the sample location with a MultiRAE photoionization detector prior to sampling. Sample consisted of 6L Summa canister fitted with an 8-hour flow control valve. The sample and flow controller were checked each hour during sampling to ensure proper operation.

SAMPLE DETAILS

HEIGHT ABOVE GROUND (FT):	3
PID BEFORE SAMPLE (PPM):	0.0
SAMPLE START TIME:	7:31
SAMPLE STOP TIME:	17:20
TOTAL SAMPLE TIME (HOURS):	8
REGULATOR FLOW RATE (mL/MIN):	11.5
VOLUME OF SAMPLE (LITERS):	6
PID AFTER SAMPLE (PPM):	n/a
SAMPLE MOISTURE CONTENT:	n/a
CAN SERIAL NUMBER:	1898
REGULATOR SERIAL NUMBER:	01449
CAN START VACUUM PRESS. (" HG):	-30.52
CAN STOP VACUUM PRESS. (" HG):	-3.62

SAMPLE LOCATION SKETCH

See Sample Location Plan

NOTES

Sample ID: IA03

Co-located Sample ID: SSV03

Langan Engineering, Environmental, Surveying, Landscape Architecture, and Geology D.P.C

21 Penn Plaza, 360 West 31st Street, 8th Floor, New York, New York 10001-2727

AIR SAMPLING LOG SHEET

Sample Number: IA04

PROJECT: 57-00, 57-05, and 58-20 47th Street		**PROJECT NO.:** 100965501	
LOCATION: Queens, NY		**SURFACE ELEVATION AND DATUM:** N/A	
SAMPLER: Kale Novalis/ Preston Lai		**SAMPLE DATE STARTED:** 5/12/2022	**DATE FINISHED:** 5/12/2022
INSPECTOR: Kale Novalis/Preston Lai		**TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister	
POTENTIAL SAMPLE INTERFERENCES: Presence of chemicals		**WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):**	
	Temp:	70s	
	Wind:	10S	
	Precipitation:	n/a	
	Pressure:	30.3	

METHOD OF INSTALLATION AND SAMPLING:

Langan field screened the sample location with a MultiRAE photoionization detector prior to sampling. Sample consisted of 6L Summa canister fitted with an 8-hour flow control valve. The sample and flow controller were checked each hour during sampling to ensure proper operation.

SAMPLE DETAILS

HEIGHT ABOVE GROUND (FT):	3
PID BEFORE SAMPLE (PPM):	0.0
SAMPLE START TIME:	7:54
SAMPLE STOP TIME:	18:40
TOTAL SAMPLE TIME (HOURS):	8
REGULATOR FLOW RATE (mL/MIN):	11.5
VOLUME OF SAMPLE (LITERS):	6
PID AFTER SAMPLE (PPM):	n/a
SAMPLE MOISTURE CONTENT:	n/a
CAN SERIAL NUMBER:	3154
REGULATOR SERIAL NUMBER:	01695
CAN START VACUUM PRESS. (" HG):	-30.39
CAN STOP VACUUM PRESS. (" HG):	-4.89

SAMPLE LOCATION SKETCH

See Sample Location Plan

NOTES

Sample ID: IA04

Co-located Sample ID: SSV04

Langan Engineering, Environmental, Surveying, Landscape Architecture, and Geology D.P.C

21 Penn Plaza, 360 West 31st Street, 8th Floor, New York, New York 10001-2727

AIR SAMPLING LOG SHEET

Sample Number: IA05

PROJECT: 57-00, 57-05, and 58-20 47th Street	**PROJECT NO.:** 100965501		
LOCATION: Queens, NY	**SURFACE ELEVATION AND DATUM:** N/A		
SAMPLER: Kale Novalis/ Preston Lai	**SAMPLE DATE STARTED:** 5/12/2022	**DATE FINISHED:** 5/12/2022	
INSPECTOR: Kale Novalis/Preston Lai	**TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister		
POTENTIAL SAMPLE INTERFERENCES: Presence of chemicals	**WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):**		
	Temp:	70s	
	Wind:	10S	
	Precipitation:	n/a	
	Pressure:	30.3	

METHOD OF INSTALLATION AND SAMPLING:

Langan field screened the sample location with a MultiRAE photoionization detector prior to sampling. Sample consisted of 6L Summa canister fitted with an 8-hour flow control valve. The sample and flow controller were checked each hour during sampling to ensure proper operation.

SAMPLE DETAILS

HEIGHT ABOVE GROUND (FT):	3
PID BEFORE SAMPLE (PPM):	0.0
SAMPLE START TIME:	8:00
SAMPLE STOP TIME:	17:58
TOTAL SAMPLE TIME (HOURS):	8
REGULATOR FLOW RATE (mL/MIN):	11.5
VOLUME OF SAMPLE (LITERS):	6
PID AFTER SAMPLE (PPM):	n/a
SAMPLE MOISTURE CONTENT:	n/a
CAN SERIAL NUMBER:	747
REGULATOR SERIAL NUMBER:	0764
CAN START VACUUM PRESS. (" HG):	-30.5
CAN STOP VACUUM PRESS. (" HG):	-2.86

SAMPLE LOCATION SKETCH

See Sample Location Plan

NOTES

Sample ID: IA05

Co-located Sample ID: SSV05

Langan Engineering, Environmental, Surveying, Landscape Architecture, and Geology D.P.C

21 Penn Plaza, 360 West 31st Street, 8th Floor, New York, New York 10001-2727

AIR SAMPLING LOG SHEET

Sample Number: AA01

PROJECT: 57-00, 57-05, and 58-20 47th Street	**PROJECT NO.:** 100965501		
LOCATION: Queens, NY	**SURFACE ELEVATION AND DATUM:** N/A		
SAMPLER: Kale Novalis/ Preston Lai	**SAMPLE DATE STARTED:** 5/12/2022	**DATE FINISHED:** 5/12/2022	
INSPECTOR: Kale Novalis/ Preston Lai	**TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister		
POTENTIAL SAMPLE INTERFERENCES: none	**WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):**		
	Temp:	70s	
	Wind:	10S	
	Precipitation:	n/a	
	Pressure:	30.3	

METHOD OF INSTALLATION AND SAMPLING:

Langan field screened the sample location with a MultiRAE photoionization detector prior to sampling. Sample consisted of 6L Summa canister fitted with an 8-hour flow control valve. The sample and flow controller were checked each hour during sampling to ensure proper operation.

SAMPLE DETAILS

HEIGHT ABOVE GROUND (FT):	3
PID BEFORE SAMPLE (PPM):	0.0
SAMPLE START TIME:	8:08
SAMPLE STOP TIME:	17:30
TOTAL SAMPLE TIME (MIN):	8 hr
REGULATOR FLOW RATE (mL/MIN):	11.5
VOLUME OF SAMPLE (LITERS):	6
PID AFTER SAMPLE (PPM):	n/a
SAMPLE MOISTURE CONTENT:	n/a
CAN SERIAL NUMBER:	941
REGULATOR SERIAL NUMBER:	01249
CAN START VACUUM PRESS. (" HG):	-30.53
CAN STOP VACUUM PRESS. (" HG):	-4.66

SAMPLE LOCATION SKETCH

See Sample Location Plan

NOTES

Sample ID: AA01

Langan Engineering, Environmental, Surveying, Landscape Architecture, and Geology D.P.C
21 Penn Plaza, 360 West 31st Street, 8th Floor, New York, New York 10001-2727

ATTACHMENT 3

CATEGORY B LABORATORY DELIVERABLES

www.alphalab.com

Alpha Analytical

Laboratory Code: 11148

SDG Number: L2225590

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

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Project Name: 57-00, 57-05 47TH ST
Project Number: 100965503

Lab Number: L2225590
Report Date: 05/20/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2225590-01	SSV01	SOIL_VAPOR	MASPETH, NY	05/12/22 17:43	05/13/22
L2225590-02	SSV02	SOIL_VAPOR	MASPETH, NY	05/12/22 17:16	05/13/22
L2225590-03	SSV03	SOIL_VAPOR	MASPETH, NY	05/12/22 17:18	05/13/22
L2225590-04	SSV04	SOIL_VAPOR	MASPETH, NY	05/12/22 18:07	05/13/22
L2225590-05	SSV05	SOIL_VAPOR	MASPETH, NY	05/12/22 18:00	05/13/22
L2225590-06	IA01	AIR	MASPETH, NY	05/12/22 17:21	05/13/22
L2225590-07	IA02	AIR	MASPETH, NY	05/12/22 17:01	05/13/22
L2225590-08	IA03	AIR	MASPETH, NY	05/12/22 17:20	05/13/22
L2225590-09	IA04	AIR	MASPETH, NY	05/12/22 18:40	05/13/22
L2225590-10	IA05	AIR	MASPETH, NY	05/12/22 17:58	05/13/22
L2225590-11	AA01	AIR	MASPETH, NY	05/12/22 17:30	05/13/22
L2225590-12	UNUSED CAN # 1849	AIR	MASPETH, NY	05/12/22 00:00	05/13/22
L2225590-13	UNUSED CAN # 1619	AIR	MASPETH, NY	05/12/22 00:00	05/13/22

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on May 10, 2022. The canister certification results are provided as an addendum.

The continuing calibration standard, associated with [L2225590], is outside the %D criteria for Isopropanol (31%), however, it is within overall acceptance criteria for the LCS. Target hits of Isopropanol may be biased high.

L2225590-03D and -04D: The samples have elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the samples.

L2225590-04: The sample was re-analyzed on dilution in order to quantitate the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

The WG1640147-3 LCS recovery for bromoform (132%) and benzyl chloride (148%) is above the upper 130% acceptance limit. All samples associated with this LCS do not have reportable amounts of this analyte.

The WG1640711-3 LCS recoveries for dibromochloromethane (132%), bromoform (136%), benzyl chloride (150%), 1,2-dibromo-3-chloropropane (132%), naphthalene (133%) and 1,2,3-trichlorobenzene (132%) are above the upper 130% acceptance limit. All samples associated with this LCS do not have reportable amounts of these analytes.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Report Date: 05/20/22

Title: Technical Director/Representative

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Report Format: Data Usability Report

Data Qualifiers

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

ND - Not detected at the reporting limit (RL) for the sample.

Report Format: Data Usability Report

Volatile Organics Instruments

Volatile Organics:

Instrument: Agilent 7890 GC/5975C MSD	Columns (length x ID x df):
Trap: Supelco K Trap (VOACARB 3000)	RTX-VMS 20m x 0.18mm x 1um
Concentrator: EST Encon (or equivalent)	RTX-VMS 30m x 0.25mm x 1.4um
Autosampler: EST Centurion (or equivalent)	RTX-502.2 40m x 0.18mm x 1um
Purge time: 11 min	

Volatile Organics: VPH

Instrument: Agilent 6890 (or equivalent)	Column Type: Restek RTX 502.2
Trap: Supelco K Trap (VOACARB 3000)	Column Length: 105 Meters
Concentrator: EST Encon (or equivalent)	df: 3.00 um
Autosampler: EST Centurion (or equivalent)	ID: 0.53mm

Volatile Organics: PIANO

Instrument: Agilent 7890 GC/5975C MSD	Column Type: DB-VRX
Trap: Supelco K Trap (VOACARB 3000)	Column Length: 60 Meters
Concentrator: Tekmar Velocity / EST Encon	df: 1.40 um
Autosampler: Varian Archon / EST Centurion	ID: 0.25 mm
Purge time: 11 min	Desorb: 1 min

Volatile Organics: Dissolved Gas

Instrument: Agilent 7890 (or equivalent) with FID/TCD	
	Column Type: Haysep S Column
	Column Length: 2 Meters packed (100/200 mesh)
Autosampler: LEAP Headspace	Purge time: 0.6 min

Volatile Organics in Air Instruments

Volatile Organics in Air:

Instruments: Agilent 6890 GC / 5975 MSD Shimadzu QP2010-SE / QP2020

Concentrator: Entech 7100A or 7200	Column Type: Restek RTX-1
Autosampler: Entech 7016CA or 7016D	Column Length: 60 Meters
	df: 1.00 um
	ID: 0.25 mm or 0.32 mm

Trap 1: Glass Bead: manufacturer-Entech: 20 cm packing material
Trap 2: Tenax: manufacturer-Entech: 20 cm packing material

Semivolatile Organics Instruments - Westborough

Semivolatile Organics (Acid/Base/Neutral Extractables):

Instrument: Agilent 5973N MSD	Injection volume: 1 ul;2 uL LVI
Column Type: Restek RXI-5SILMS	df: 0.32 um
Column Length: 30 Meters	ID: 0.25 mm

Polynuclear Aromatic Hydrocarbons by 8270 SIM:

Instrument: Agilent 5973 MSD	Injection volume: 1 ul;2 uL LVI
Column Type: Restek RXI-5SILMS	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Pesticides/PCB/Herbicides:

Instrument: Agilent 6890 w/Dual Micro ECDs	Injection Volume: 1uL
Column A: Restek RTX-CL/STX-CL	df: 0.32
Column B: Restek RTX/STX-CLPPesticide II	df: 0.25
Column Length: 30 Meters	ID: 0.32 mm

Petroleum/EPH:

Instrument: Agilent 6890 w/FID / HP 5890 w/ FID	Injection Volume: 1uL
Column: Restek RTX 5	df: 0.25
Column Length: 30 Meters	
ID: 0.32 mm	

Semivolatile Organic Instruments - Mansfield

Semivolatile Organics (ALK-PAH Extractables):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 1 ul
Column Type: ZB-5	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Semivolatile Organics (8270):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 2 ul
Column Type: ZB-Semivolatiles	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Semivolatile Organics (8270 SIM):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 3 ul
Column Type: ZB-5	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Semivolatile Organics (1,4-Dioxane):

Instrument: Agilent 5973N / 5975 / 5977 MSD	Injection volume: 3 ul
Column Type: RTX-5	df: 0.25um, 0.18 um
Column Length: 30 Meters	ID: 0.25um, 0.18 mm

Semivolatile Organics (209 Congener):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 3 ul
Column Type: RTX-5, RTX-PCB	df: 0.25um, 0.18 um
Column Length: 60 Meters	ID: 0.25um, 0.18 mm

Semivolatile Organics (8081):

Instrument: Agilent 6890 / 7890	Injection volume: 1 ul
Column Type: RTX-5 / RTX-CLP II	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Semivolatile Organics (8082):

Instrument: Agilent 6890 w/Dual Micro ECDs	Injection Volume: 1uL
Column A: Restek RTX-CL/STX-CL	df: 0.32
Column B: Restek RTX/STX-CLPPesticide II	df: 0.25
Column Length: 30 Meters	ID: 0.32 mm

Semivolatile Organics (SHC Extractables):

Instrument: Agilent 6890	Injection volume: 1 ul
Column Type: RTX-5	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Sample Delivery Group Summary

Alpha Job Number : L2225590

Account Name : Langan Engineering & Environmental
Project Number : 100965503
Project Name : 57-00, 57-05 47TH ST

Received : 13-MAY-2022
Reviewer : Andrew Kussmaul

Delivery Information

Samples Delivered By : Alpha Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
NA	Absent/			

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between sample labels & COC?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**YES**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

ALPHA ANALYTICAL LABORATORIES, INC.
LOGIN CHAIN OF CUSTODY REPORT
May 20 2022, 03:09 pm

Login Number: L2225590
Account: LANGAN-NJ Langan Engineering & EnvironmentalProject: 100965503
Received: 13MAY22 Due Date: 20MAY22

Sample #	Client ID	Mat	PR	Collected
L2225590-01	SSV01	11	2E	12MAY22 17:43
TO15 SIM for 7 NYS DMCs ASP-B Package Due Date: 05/20/22				
ASP-B,CAN-RENT,FLOW-RENT,TO15-LL				
L2225590-02	SSV02	11	2E	12MAY22 17:16
TO15 SIM for 7 NYS DMCs Package Due Date: 05/20/22				
CAN-RENT,FLOW-RENT,TO15-LL				
L2225590-03	SSV03	11	2E	12MAY22 17:18
TO15 SIM for 7 NYS DMCs Package Due Date: 05/20/22				
CAN-RENT,FLOW-RENT,TO15-LL				
L2225590-04	SSV04	11	2E	12MAY22 18:07
TO15 SIM for 7 NYS DMCs Package Due Date: 05/20/22				
CAN-RENT,FLOW-RENT,TO15-LL				
L2225590-05	SSV05	11	2E	12MAY22 18:00
TO15 SIM for 7 NYS DMCs Package Due Date: 05/20/22				
CAN-RENT,FLOW-RENT,TO15-LL				
L2225590-06	IA01	10	2E	12MAY22 17:21
TO15 SIM for 7 NYS DMCs Package Due Date: 05/20/22				
CAN-RENT,FLOW-RENT,TO15-LL,TO15-SIM				
L2225590-07	IA02	10	2E	12MAY22 17:01
TO15 SIM for 7 NYS DMCs Package Due Date: 05/20/22				

ALPHA ANALYTICAL LABORATORIES, INC.
LOGIN CHAIN OF CUSTODY REPORT
May 20 2022, 03:09 pm

Login Number: L2225590

Account: LANGAN-NJ Langan Engineering & EnvironmentalProject: 100965503

Received: 13MAY22 Due Date: 20MAY22

Sample #	Client ID	Mat	PR	Collected
	CAN-RENT,FLOW-RENT,TO15-LL,TO15-SIM			
L2225590-08	IA03	10	2E	12MAY22 17:20
	TO15 SIM for 7 NYS DMCs Package Due Date: 05/20/22			
	CAN-RENT,FLOW-RENT,TO15-LL,TO15-SIM			
L2225590-09	IA04	10	2E	12MAY22 18:40
	TO15 SIM for 7 NYS DMCs Package Due Date: 05/20/22			
	CAN-RENT,FLOW-RENT,TO15-LL,TO15-SIM			
L2225590-10	IA05	10	2E	12MAY22 17:58
	TO15 SIM for 7 NYS DMCs Package Due Date: 05/20/22			
	CAN-RENT,FLOW-RENT,TO15-LL,TO15-SIM			
L2225590-11	AA01	10	2E	12MAY22 17:30
	TO15 SIM for 7 NYS DMCs Package Due Date: 05/20/22			
	CAN-RENT,FLOW-RENT,TO15-LL,TO15-SIM			
L2225590-12	UNUSED CAN # 1849	10	2E	12MAY22 00:00
	TO15 SIM for 7 NYS DMCs Package Due Date: 05/20/22			
	CAN-RENT,CLEAN-FEE,FLOW-RENT			
L2225590-13	UNUSED CAN # 1619	10	2E	12MAY22 00:00
	TO15 SIM for 7 NYS DMCs Package Due Date: 05/20/22			
	CAN-RENT,CLEAN-FEE,FLOW-RENT			

Logged By: Andrew Kussmaul

AIR ANALYSIS

PAGE 1 OF 2

CHAIN OF CUSTODY

ALPHA ANALYTICAL
320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 5/14/22

ALPHA Job #: L2225590

Client Information

Client: Langan
Address: 300 Kimball Dr. 4th Floor
Parsippany NJ 07054
Phone: 973 560 4613
Fax: 973 560 4901
Email: agrico@langan.com
rdiehl@langan.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: S7-00, S7-05 47th St
Project Location: Maspeth, NY
Project #: 100965503
Project Manager: Alan Arico
ALPHA Quote #:

Turn-Around Time

☑ Standard ☐ RUSH (only confirmed if pre-approved)

Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☑ EMAIL (standard pdf report)
☑ Additional Deliverables: Agg B
Report to: (if different than Project Manager)

Billing Information

☑ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	TO-15	TO-15 SIM	APH Subset Non-petroleum HCs	Fixed Gases	Sulfides & Mercaptans by TO-15	☐	Sample Comments (i.e. PID)
25590-01	SSV01	5/12/22	0729	1743	-30.51	-4.85	SV	PL	6	3257	01498	X						(S7-00)
-02	SSV02	5/12/22	0733	1716	-30.57	-3.71	SV	PL	6	1699	01170	X						(S7-00)
-03	SSV03	5/12/22	0731	1718	-30.66	-3.77	SV	PL	6	1603	0915	X						(S7-00)
-04	SSV04	5/12/22	0754	1607	-30.48	-2.79	SV	PL	6	2998	01097	X						(S7-05)
-05	SSV05	5/12/22	0751	1800	-30.32	-3.21	SV	PL	6	3610	02056	X						(S7-05

*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
	5/12/22 2100		5/12/22 2100
	5/13/22 1335		5/13/22 1335
	5/13/22 1807		5/13/22 2130
	5/13/22		5/13/22 2330

Form No: 101-02 Rev: 25-Sep-15)

AIR ANALYSIS

CHAIN OF CUSTODY

PAGE 2 OF 2

ALPHA ANALYTICAL
320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 5/14/22

ALPHA Job #: L2225590

Client Information

Client: Langan
Address: 300 Kimball Dr, 4th Floor
Parsippany NJ 07054
Phone: 973 560 4613
Fax: 973 560 4901
Email: aarico@langan.com
rdiehl@langan.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: 57-00, 57-05 47th St
Project Location: Maspeth, NY
Project #: 100965503
Project Manager: Alan Arico
ALPHA Quote #:

Turn-Around Time

☑ Standard ☐ RUSH (only confirmed if pre-approved)

Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☑ EMAIL (standard pdf report)
☐ Additional Deliverables: Asp B
Report to: (if different than Project Manager)

Billing Information

☑ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

ANALYSIS

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	TO-15	TO-15 SIM	APH Sustract Non-petroleum HCs ☐	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
-06	IA01	5/12/22	0729	1721	-30.58	-3.81	AA	PL	6	992	01716	X					(57-00)
-07	IA02	5/12/22	0733	1701	-30.46	-2.56	AA	PL	6	3058	0385	X					(57-00)
-08	IA03	5/12/22	0731	1720	-30.52	-3.62	AA	PL	6	1898	01449	X					(57-00)
-09	IA04	5/12/22	0754	1840	-30.39	-4.84	AA	PL	6	3152	01695	X					(57-05)
-10	IA05	5/12/22	0800	1758	-30.50	-2.86	AA	PL	6	747	0769	X					(57-05)
-11	AA01	5/12/22	0808	1730	-30.53	-4.66	AA	PL	6	941	01249	X					

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
	5/12/22 2100	Langan EDD	5/12/22 2100
	5/13/22 1335	[illegible] AAL	5/13/22 1335
	5/13/22 1507	[illegible]	5/13/22 2100
	5/13/22	[illegible] 5/13/22 2330	

Form No: 101-02 Rev: (25-Sep-15)

Supporting Documentation

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2225590-01	SSV01	01498	Flow 4	05/10/22	387842		-	-	-	Pass	10.0	7.0	35
L2225590-01	SSV01	3256	6.0L Can	05/10/22	387842	L2222714-06	Pass	-29.6	-2.9	-	-	-	-
L2225590-02	SSV02	01170	Flow 4	05/10/22	387842		-	-	-	Pass	10.0	7.0	35
L2225590-02	SSV02	1699	6.0L Can	05/10/22	387842	L2222895-08	Pass	-29.6	-1.9	-	-	-	-
L2225590-03	SSV03	0915	Flow 5	05/10/22	387842		-	-	-	Pass	10.0	7.0	35
L2225590-03	SSV03	1603	6.0L Can	05/10/22	387842	L2222895-08	Pass	-29.6	-1.9	-	-	-	-
L2225590-04	SSV04	01097	Flow 4	05/10/22	387842		-	-	-	Pass	10.0	8.0	22
L2225590-04	SSV04	2948	6.0L Can	05/10/22	387842	L2222895-08	Pass	-29.5	-1.0	-	-	-	-
L2225590-05	SSV05	02056	Flow 4	05/10/22	387842		-	-	-	Pass	10.0	7.0	35
L2225590-05	SSV05	3610	6.0L Can	05/10/22	387842	L2222895-08	Pass	-29.5	0.0	-	-	-	-
L2225590-06	IA01	01710	Flow 4	05/10/22	387842		-	-	-	Pass	10.0	7.0	35
L2225590-06	IA01	992	6.0L Can	05/10/22	387842	L2222895-08	Pass	-29.6	-2.0	-	-	-	-
L2225590-07	IA02	0385	Flow 4	05/10/22	387842		-	-	-	Pass	10.0	7.0	35
L2225590-07	IA02	3058	6.0L Can	05/10/22	387842	L2222714-06	Pass	-29.4	-1.6	-	-	-	-
L2225590-08	IA03	01449	Flow 4	05/10/22	387842		-	-	-	Pass	10.0	8.0	22

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2225590-08	IA03	1898	6.0L Can	05/10/22	387842	L2222895-08	Pass	-29.6	-3.0	-	-	-	-
L2225590-09	IA04	01695	Flow 4	05/10/22	387842		-	-	-	Pass	10.0	5.0	67
L2225590-09	IA04	3154	6.0L Can	05/10/22	387842	L2222895-08	Pass	-29.3	-4.0	-	-	-	-
L2225590-10	IA05	0764	Flow 5	05/10/22	387842		-	-	-	Pass	10.0	8.0	22
L2225590-10	IA05	747	6.0L Can	05/10/22	387842	L2222714-06	Pass	-29.6	-2.1	-	-	-	-
L2225590-11	AA01	01249	Flow 5	05/10/22	387842		-	-	-	Pass	10.0	7.0	35
L2225590-11	AA01	941	6.0L Can	05/10/22	387842	L2222714-06	Pass	-29.6	-4.0	-	-	-	-
L2225590-12	UNUSED CAN # 1849	0642	Flow 4	05/10/22	387842		-	-	-	Pass	10.0	8.0	22
L2225590-12	UNUSED CAN # 1849	1849	6.0L Can	05/10/22	387842	L2222714-06	Pass	-29.5	-29.9	-	-	-	-
L2225590-13	UNUSED CAN # 1619	01536	Flow 4	05/10/22	387842		-	-	-	Pass	10.0	7.0	35
L2225590-13	UNUSED CAN # 1619	1619	6.0L Can	05/10/22	387842	L2222895-08	Pass	-29.1	-1.9	-	-	-	-

Air Canister Certification Results

Lab ID: L2222714-06
Client ID: CAN 3964 SHELF 56
Sample Location:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 05/03/22 00:29
Analyst: TS

Date Collected: 04/29/22 11:00
Date Received: 05/02/22
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1

Air Canister Certification Results

Lab ID: L2222714-06 Date Collected: 04/29/22 11:00
Client ID: CAN 3964 SHELF 56 Date Received: 05/02/22
Sample Location: Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air								
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1

Air Canister Certification Results

Lab ID: L2222714-06
Client ID: CAN 3964 SHELF 56
Sample Location:

Date Collected: 04/29/22 11:00
Date Received: 05/02/22
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air								
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1

Air Canister Certification Results

Lab ID: L2222714-06 Date Collected: 04/29/22 11:00
Client ID: CAN 3964 SHELF 56 Date Received: 05/02/22
Sample Location: Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air								
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

	Results	**Qualifier**	**Units**	**RDL**	**Dilution Factor**
Tentatively Identified Compounds					
No Tentatively Identified Compounds					

Air Canister Certification Results

Lab ID: L2222714-06 Date Collected: 04/29/22 11:00
Client ID: CAN 3964 SHELF 56 Date Received: 05/02/22
Sample Location: Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	93		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	88		60-140

Air Canister Certification Results

Lab ID: L2222714-06
Client ID: CAN 3964 SHELF 56
Sample Location:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 05/03/22 00:29
Analyst: TS

Date Collected: 04/29/22 11:00
Date Received: 05/02/22
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1

Air Canister Certification Results

Lab ID: L2222714-06 Date Collected: 04/29/22 11:00
Client ID: CAN 3964 SHELF 56 Date Received: 05/02/22
Sample Location: Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1

Air Canister Certification Results

Lab ID: L2222714-06 Date Collected: 04/29/22 11:00
Client ID: CAN 3964 SHELF 56 Date Received: 05/02/22
Sample Location: Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM								
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	93		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	89		60-140

Air Canister Certification Results

Lab ID: L2222895-08
Client ID: CAN 3570 SHELF 57
Sample Location:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 05/03/22 23:57
Analyst: TS

Date Collected: 05/03/22 09:00
Date Received: 05/03/22
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1

Air Canister Certification Results

Lab ID: L2222895-08 Date Collected: 05/03/22 09:00
Client ID: CAN 3570 SHELF 57 Date Received: 05/03/22
Sample Location: Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air								
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1

Air Canister Certification Results

Lab ID: L2222895-08 Date Collected: 05/03/22 09:00
Client ID: CAN 3570 SHELF 57 Date Received: 05/03/22
Sample Location: Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air								
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1

Air Canister Certification Results

Lab ID: L2222895-08 Date Collected: 05/03/22 09:00
Client ID: CAN 3570 SHELF 57 Date Received: 05/03/22
Sample Location: Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air								
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					
No Tentatively Identified Compounds					

Project Name:	BATCH CANISTER CERTIFICATION	***Lab Number:***	L2222895
Project Number:	CANISTER QC BAT	***Report Date:***	05/20/22

Air Canister Certification Results

Lab ID:	L2222895-08	Date Collected:	05/03/22 09:00
Client ID:	CAN 3570 SHELF 57	Date Received:	05/03/22
Sample Location:		Field Prep:	Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	92		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	88		60-140

Air Canister Certification Results

Lab ID: L2222895-08
Client ID: CAN 3570 SHELF 57
Sample Location:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 05/03/22 23:57
Analyst: TS

Date Collected: 05/03/22 09:00
Date Received: 05/03/22
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1

Air Canister Certification Results

Lab ID: L2222895-08 Date Collected: 05/03/22 09:00
Client ID: CAN 3570 SHELF 57 Date Received: 05/03/22
Sample Location: Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1

Air Canister Certification Results

Lab ID: L2222895-08 Date Collected: 05/03/22 09:00
Client ID: CAN 3570 SHELF 57 Date Received: 05/03/22
Sample Location: Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM								
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	92		60-140
bromochloromethane	94		60-140
chlorobenzene-d5	87		60-140

Organics

Volatile Organics in Air
TO-15 Low Level

Volatiles QC Summary

Lab Duplicate Sample Summary
Form 3
Air Volatiles

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Client Sample ID	: IA05	**Matrix**	: AIR
Lab Sample ID	: L2225590-10	**Analysis Date**	: 05/18/22 23:47
Lab File ID	: R322206	**DUP File ID**	: r322207
Dup Sample ID	: WG1640147-5	**DUP Analysis Date**	: 05/19/22 00:26

Parameter	Sample Concentration (ppbV)	Duplicate Concentration (ppbV)	RPD	RPD Limit
Dichlorodifluoromethane	0.606	0.620	2	25
Chloromethane	1.22	1.24	2	25
Freon-114	ND	ND	NC	25
1,3-Butadiene	ND	ND	NC	25
Bromomethane	ND	ND	NC	25
Chloroethane	ND	ND	NC	25
Ethanol	7.88	7.59	4	25
Vinyl bromide	ND	ND	NC	25
Acetone	5.38	4.93	9	25
Trichlorofluoromethane	0.308	0.310	1	25
Isopropanol	3.23	3.31	2	25
Tertiary butyl Alcohol	5.42	5.59	3	25
Methylene chloride	ND	ND	NC	25
3-Chloropropene	ND	ND	NC	25
Carbon disulfide	ND	ND	NC	25
Freon-113	ND	ND	NC	25
trans-1,2-Dichloroethene	ND	ND	NC	25
1,1-Dichloroethane	ND	ND	NC	25
Methyl tert butyl ether	ND	ND	NC	25
2-Butanone	ND	ND	NC	25
Ethyl Acetate	ND	ND	NC	25
Chloroform	ND	ND	NC	25
Tetrahydrofuran	ND	ND	NC	25
1,2-Dichloroethane	ND	ND	NC	25
n-Hexane	0.419	0.426	2	25

Lab Duplicate Sample Summary
Form 3
Air Volatiles

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Client Sample ID	: IA05	**Matrix**	: AIR
Lab Sample ID	: L2225590-10	**Analysis Date**	: 05/18/22 23:47
Lab File ID	: R322206	**DUP File ID**	: r322207
Dup Sample ID	: WG1640147-5	**DUP Analysis Date**	: 05/19/22 00:26

Parameter	Sample Concentration (ppbV)	Duplicate Concentration (ppbV)	RPD	RPD Limit
Benzene	0.235	0.237	1	25
Cyclohexane	ND	ND	NC	25
1,2-Dichloropropane	ND	ND	NC	25
Bromodichloromethane	ND	ND	NC	25
1,4-Dioxane	ND	ND	NC	25
2,2,4-Trimethylpentane	0.248	0.256	3	25
Heptane	0.205	0.206	0	25
cis-1,3-Dichloropropene	ND	ND	NC	25
4-Methyl-2-pentanone	ND	ND	NC	25
trans-1,3-Dichloropropene	ND	ND	NC	25
1,1,2-Trichloroethane	ND	ND	NC	25
Toluene	2.05	2.10	2	25
2-Hexanone	ND	ND	NC	25
Dibromochloromethane	ND	ND	NC	25
1,2-Dibromoethane	ND	ND	NC	25
Chlorobenzene	ND	ND	NC	25
Ethylbenzene	ND	ND	NC	25
p/m-Xylene	0.516	0.531	3	25
Bromoform	ND	ND	NC	25
Styrene	ND	ND	NC	25
1,1,2,2-Tetrachloroethane	ND	ND	NC	25
o-Xylene	0.209	0.213	2	25
4-Ethyltoluene	ND	ND	NC	25
1,3,5-Trimethylbenzene	ND	ND	NC	25
1,2,4-Trimethylbenzene	ND	ND	NC	25

Lab Duplicate Sample Summary
Form 3
Air Volatiles

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Client Sample ID	: IA05	**Matrix**	: AIR
Lab Sample ID	: L2225590-10	**Analysis Date**	: 05/18/22 23:47
Lab File ID	: R322206	**DUP File ID**	: r322207
Dup Sample ID	: WG1640147-5	**DUP Analysis Date**	: 05/19/22 00:26

Parameter	Sample Concentration (ppbV)	Duplicate Concentration (ppbV)	RPD	RPD Limit
Benzyl chloride	ND	ND	NC	25
1,3-Dichlorobenzene	ND	ND	NC	25
1,4-Dichlorobenzene	ND	ND	NC	25
1,2-Dichlorobenzene	ND	ND	NC	25
1,2,4-Trichlorobenzene	ND	ND	NC	25
Hexachlorobutadiene	ND	ND	NC	25

Lab Duplicate Sample Summary
Form 3
Air Volatiles

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Client Sample ID	: SSV04	**Matrix**	: SOIL_VAPOR
Lab Sample ID	: L2225590-04	**Analysis Date**	: 05/20/22 07:32
Lab File ID	: R322248	**DUP File ID**	: r322249
Dup Sample ID	: WG1640711-5	**DUP Analysis Date**	: 05/20/22 08:10

Parameter	Sample Concentration (ppbV)	Duplicate Concentration (ppbV)	RPD	RPD Limit
Acetone	ND	1950	1	25

Lab Duplicate Sample Summary
Form 3
Air Volatiles

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Client Sample ID	: SSV04	**Matrix**	: SOIL_VAPOR
Lab Sample ID	: L2225590-04	**Analysis Date**	: 05/19/22 20:54
Lab File ID	: R322232	**DUP File ID**	: r322233
Dup Sample ID	: WG1640711-5	**DUP Analysis Date**	: 05/19/22 21:34

Parameter	Sample Concentration (ppbV)	Duplicate Concentration (ppbV)	RPD	RPD Limit
Dichlorodifluoromethane	0.614	0.578	6	25
Chloromethane	ND	ND	NC	25
Freon-114	ND	ND	NC	25
Vinyl chloride	0.247	0.242	2	25
1,3-Butadiene	ND	ND	NC	25
Bromomethane	ND	ND	NC	25
Chloroethane	ND	ND	NC	25
Ethanol	524E	514	2	25
Vinyl bromide	ND	ND	NC	25
Acetone	1020E	901	12	25
Trichlorofluoromethane	0.436	0.413	5	25
Isopropanol	105	103	2	25
1,1-Dichloroethene	ND	ND	NC	25
Tertiary butyl Alcohol	43.4	43.7	1	25
Methylene chloride	ND	ND	NC	25
3-Chloropropene	ND	ND	NC	25
Carbon disulfide	12.2	12.2	0	25
Freon-113	ND	ND	NC	25
trans-1,2-Dichloroethene	ND	ND	NC	25
1,1-Dichloroethane	ND	ND	NC	25
Methyl tert butyl ether	ND	ND	NC	25
2-Butanone	46.0	44.8	3	25
cis-1,2-Dichloroethene	ND	ND	NC	25
Ethyl Acetate	ND	ND	NC	25
Chloroform	ND	ND	NC	25

Lab Duplicate Sample Summary
Form 3
Air Volatiles

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Client Sample ID	: SSV04	**Matrix**	: SOIL_VAPOR
Lab Sample ID	: L2225590-04	**Analysis Date**	: 05/19/22 20:54
Lab File ID	: R322232	**DUP File ID**	: r322233
Dup Sample ID	: WG1640711-5	**DUP Analysis Date**	: 05/19/22 21:34

Parameter	Sample Concentration (ppbV)	Duplicate Concentration (ppbV)	RPD	RPD Limit
Tetrahydrofuran	11.5	11.7	2	25
1,2-Dichloroethane	ND	ND	NC	25
n-Hexane	1.49	1.54	3	25
1,1,1-Trichloroethane	ND	ND	NC	25
Benzene	0.510	0.499	2	25
Carbon tetrachloride	ND	ND	NC	25
Cyclohexane	1.44	1.48	3	25
1,2-Dichloropropane	ND	ND	NC	25
Bromodichloromethane	ND	ND	NC	25
1,4-Dioxane	7.88	8.05	2	25
Trichloroethene	ND	ND	NC	25
2,2,4-Trimethylpentane	0.894	0.906	1	25
Heptane	2.14	2.10	2	25
cis-1,3-Dichloropropene	ND	ND	NC	25
4-Methyl-2-pentanone	8.56	8.36	2	25
trans-1,3-Dichloropropene	ND	ND	NC	25
1,1,2-Trichloroethane	ND	ND	NC	25
Toluene	12.2	12.4	2	25
2-Hexanone	3.02	3.03	0	25
Dibromochloromethane	ND	ND	NC	25
1,2-Dibromoethane	ND	ND	NC	25
Tetrachloroethene	7.30	7.39	1	25
Chlorobenzene	ND	ND	NC	25
Ethylbenzene	0.980	1.00	2	25
p/m-Xylene	3.76	3.85	2	25

Lab Duplicate Sample Summary
Form 3
Air Volatiles

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Client Sample ID	: SSV04	**Matrix**	: SOIL_VAPOR
Lab Sample ID	: L2225590-04	**Analysis Date**	: 05/19/22 20:54
Lab File ID	: R322232	**DUP File ID**	: r322233
Dup Sample ID	: WG1640711-5	**DUP Analysis Date**	: 05/19/22 21:34

Parameter	Sample Concentration (ppbV)	Duplicate Concentration (ppbV)	RPD	RPD Limit
Bromoform	ND	ND	NC	25
Styrene	ND	ND	NC	25
1,1,2,2-Tetrachloroethane	ND	ND	NC	25
o-Xylene	1.66	1.69	2	25
4-Ethyltoluene	0.603	0.768	24	25
1,3,5-Trimethylbenzene	1.32	1.33	1	25
1,2,4-Trimethylbenzene	4.53	4.54	0	25
Benzyl chloride	ND	ND	NC	25
1,3-Dichlorobenzene	ND	ND	NC	25
1,4-Dichlorobenzene	ND	ND	NC	25
1,2-Dichlorobenzene	ND	ND	NC	25
1,2,4-Trichlorobenzene	ND	ND	NC	25
Hexachlorobutadiene	ND	ND	NC	25

Laboratory Control Sample Summary
Form 3
Air Volatiles

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Matrix	: AIR		
LCS Sample ID	: WG1640147-3 **Analysis Date** : 05/18/22 13:48	**File ID**	: r322194
LCSD Sample ID	: **Analysis Date** :	**File ID**	:

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ppbV)	Found (ppbV)	%R	True (ppbV)	Found (ppbV)	%R	RPD	Recovery Limits	RPD Limit
Dichlorodifluoromethane	10	11.4	114				-	70-130	-
Chloromethane	10	11.0	110				-	70-130	-
Freon-114	10	11.8	118				-	70-130	-
Vinyl chloride	10	11.6	116				-	70-130	-
1,3-Butadiene	10	12.1	121				-	70-130	-
Bromomethane	10	11.6	116				-	70-130	-
Chloroethane	10	11.4	114				-	70-130	-
Ethanol	50	57.4	115				-	40-160	-
Vinyl bromide	10	11.4	114				-	70-130	-
Acetone	50	55.8	112				-	40-160	-
Trichlorofluoromethane	10	12.1	121				-	70-130	-
Isopropanol	25	32.2	129				-	40-160	-
1,1-Dichloroethene	10	11.7	117				-	70-130	-
Tertiary butyl Alcohol	10	12.0	120				-	70-130	-
Methylene chloride	10	9.71	97				-	70-130	-
3-Chloropropene	10	12.7	127				-	70-130	-
Carbon disulfide	10	11.0	110				-	70-130	-
Freon-113	10	11.8	118				-	70-130	-
trans-1,2-Dichloroethene	10	11.1	111				-	70-130	-
1,1-Dichloroethane	10	11.3	113				-	70-130	-
Methyl tert butyl ether	10	12.0	120				-	70-130	-
2-Butanone	10	10.8	108				-	70-130	-
cis-1,2-Dichloroethene	10	11.6	116				-	70-130	-
Ethyl Acetate	10	11.8	118				-	70-130	-
Chloroform	10	12.0	120				-	70-130	-
Tetrahydrofuran	10	11.2	112				-	70-130	-

Laboratory Control Sample Summary
Form 3
Air Volatiles

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Matrix	: AIR		
LCS Sample ID	: WG1640147-3 **Analysis Date** : 05/18/22 13:48	**File ID**	: r322194
LCSD Sample ID	: **Analysis Date** :	**File ID**	:

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ppbV)	Found (ppbV)	%R	True (ppbV)	Found (ppbV)	%R	RPD	Recovery Limits	RPD Limit
1,2-Dichloroethane	10	11.1	111				-	70-130	-
n-Hexane	10	11.1	111				-	70-130	-
1,1,1-Trichloroethane	10	11.7	117				-	70-130	-
Benzene	10	10.2	102				-	70-130	-
Carbon tetrachloride	10	12.3	123				-	70-130	-
Cyclohexane	10	11.3	113				-	70-130	-
1,2-Dichloropropane	10	11.3	113				-	70-130	-
Bromodichloromethane	10	11.9	119				-	70-130	-
1,4-Dioxane	10	11.8	118				-	70-130	-
Trichloroethene	10	11.7	117				-	70-130	-
2,2,4-Trimethylpentane	10	11.8	118				-	70-130	-
Heptane	10	11.6	116				-	70-130	-
cis-1,3-Dichloropropene	10	12.7	127				-	70-130	-
4-Methyl-2-pentanone	10	12.0	120				-	70-130	-
trans-1,3-Dichloropropene	10	11.3	113				-	70-130	-
1,1,2-Trichloroethane	10	11.8	118				-	70-130	-
Toluene	10	11.4	114				-	70-130	-
2-Hexanone	10	12.1	121				-	70-130	-
Dibromochloromethane	10	12.8	128				-	70-130	-
1,2-Dibromoethane	10	12.0	120				-	70-130	-
Tetrachloroethene	10	11.9	119				-	70-130	-
Chlorobenzene	10	11.8	118				-	70-130	-
Ethylbenzene	10	11.9	119				-	70-130	-
p/m-Xylene	20	24.0	120				-	70-130	-
Bromoform	10	13.2	132 Q				-	70-130	-
Styrene	10	12.2	122				-	70-130	-

Laboratory Control Sample Summary
Form 3
Air Volatiles

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Matrix	: AIR		
LCS Sample ID	: WG1640147-3 **Analysis Date** : 05/18/22 13:48	**File ID**	: r322194
LCSD Sample ID	: **Analysis Date** :	**File ID**	:

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ppbV)	Found (ppbV)	%R	True (ppbV)	Found (ppbV)	%R	RPD	Recovery Limits	RPD Limit
1,1,2,2-Tetrachloroethane	10	12.4	124				-	70-130	-
o-Xylene	10	12.3	123				-	70-130	-
4-Ethyltoluene	10	12.1	121				-	70-130	-
1,3,5-Trimethylbenzene	10	11.4	114				-	70-130	-
1,2,4-Trimethylbenzene	10	12.9	129				-	70-130	-
Benzyl chloride	10	14.8	148 Q				-	70-130	-
1,3-Dichlorobenzene	10	12.5	125				-	70-130	-
1,4-Dichlorobenzene	10	12.5	125				-	70-130	-
1,2-Dichlorobenzene	10	12.4	124				-	70-130	-
1,2,4-Trichlorobenzene	10	13.0	130				-	70-130	-
Hexachlorobutadiene	10	12.9	129				-	70-130	-

Laboratory Control Sample Summary
Form 3
Air Volatiles

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Matrix	: SOIL_VAPOR		
LCS Sample ID	: WG1640711-3 **Analysis Date** : 05/19/22 14:23	**File ID**	: r322225
LCSD Sample ID	: **Analysis Date** :	**File ID**	:

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ppbV)	Found (ppbV)	%R	True (ppbV)	Found (ppbV)	%R	RPD	Recovery Limits	RPD Limit
Dichlorodifluoromethane	10	10.7	107				-	70-130	-
Chloromethane	10	10.2	102				-	70-130	-
Freon-114	10	11.0	110				-	70-130	-
Vinyl chloride	10	10.7	107				-	70-130	-
1,3-Butadiene	10	12.4	124				-	70-130	-
Bromomethane	10	10.7	107				-	70-130	-
Chloroethane	10	10.5	105				-	70-130	-
Ethanol	50	58.8	118				-	40-160	-
Vinyl bromide	10	11.7	117				-	70-130	-
Acetone	50	61.3	123				-	40-160	-
Trichlorofluoromethane	10	11.3	113				-	70-130	-
Isopropanol	25	32.9	132				-	40-160	-
1,1-Dichloroethene	10	10.9	109				-	70-130	-
Tertiary butyl Alcohol	10	12.3	123				-	70-130	-
Methylene chloride	10	9.16	92				-	70-130	-
3-Chloropropene	10	13.0	130				-	70-130	-
Carbon disulfide	10	11.3	113				-	70-130	-
Freon-113	10	11.1	111				-	70-130	-
trans-1,2-Dichloroethene	10	11.3	113				-	70-130	-
1,1-Dichloroethane	10	10.7	107				-	70-130	-
Methyl tert butyl ether	10	12.4	124				-	70-130	-
2-Butanone	10	11.3	113				-	70-130	-
cis-1,2-Dichloroethene	10	10.9	109				-	70-130	-
Ethyl Acetate	10	12.0	120				-	70-130	-
Chloroform	10	11.2	112				-	70-130	-
Tetrahydrofuran	10	11.6	116				-	70-130	-

Laboratory Control Sample Summary
Form 3
Air Volatiles

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Matrix	: SOIL_VAPOR		
LCS Sample ID	: WG1640711-3 **Analysis Date** : 05/19/22 14:23	**File ID**	: r322225
LCSD Sample ID	: **Analysis Date** :	**File ID**	:

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ppbV)	Found (ppbV)	%R	True (ppbV)	Found (ppbV)	%R	RPD	Recovery Limits	RPD Limit
1,2-Dichloroethane	10	10.5	105				-	70-130	-
n-Hexane	10	11.4	114				-	70-130	-
1,1,1-Trichloroethane	10	11.1	111				-	70-130	-
Benzene	10	9.52	95				-	70-130	-
Carbon tetrachloride	10	11.7	117				-	70-130	-
Cyclohexane	10	11.6	116				-	70-130	-
1,2-Dichloropropane	10	10.6	106				-	70-130	-
Bromodichloromethane	10	12.2	122				-	70-130	-
1,4-Dioxane	10	11.8	118				-	70-130	-
Trichloroethene	10	10.9	109				-	70-130	-
2,2,4-Trimethylpentane	10	12.0	120				-	70-130	-
Heptane	10	12.1	121				-	70-130	-
cis-1,3-Dichloropropene	10	11.9	119				-	70-130	-
4-Methyl-2-pentanone	10	12.5	125				-	70-130	-
trans-1,3-Dichloropropene	10	10.6	106				-	70-130	-
1,1,2-Trichloroethane	10	11.1	111				-	70-130	-
Toluene	10	10.5	105				-	70-130	-
2-Hexanone	10	12.3	123				-	70-130	-
Dibromochloromethane	10	13.2	132 Q				-	70-130	-
1,2-Dibromoethane	10	11.2	112				-	70-130	-
Tetrachloroethene	10	10.9	109				-	70-130	-
Chlorobenzene	10	10.9	109				-	70-130	-
Ethylbenzene	10	11.0	110				-	70-130	-
p/m-Xylene	20	22.1	110				-	70-130	-
Bromoform	10	13.6	136 Q				-	70-130	-
Styrene	10	11.3	113				-	70-130	-

Laboratory Control Sample Summary
Form 3
Air Volatiles

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Matrix	: SOIL_VAPOR		
LCS Sample ID	: WG1640711-3 **Analysis Date :** 05/19/22 14:23	**File ID**	: r322225
LCSD Sample ID	: **Analysis Date :**	**File ID**	:

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	**True (ppbV)**	**Found (ppbV)**	**%R**	**True (ppbV)**	**Found (ppbV)**	**%R**	**RPD**	**Recovery Limits**	**RPD Limit**
1,1,2,2-Tetrachloroethane	10	11.4	114				-	70-130	-
o-Xylene	10	11.4	114				-	70-130	-
4-Ethyltoluene	10	12.3	123				-	70-130	-
1,3,5-Trimethylbenzene	10	10.6	106				-	70-130	-
1,2,4-Trimethylbenzene	10	11.9	119				-	70-130	-
Benzyl chloride	10	15.0	150 Q				-	70-130	-
1,3-Dichlorobenzene	10	11.7	117				-	70-130	-
1,4-Dichlorobenzene	10	11.5	115				-	70-130	-
1,2-Dichlorobenzene	10	11.5	115				-	70-130	-
1,2,4-Trichlorobenzene	10	12.4	124				-	70-130	-
Hexachlorobutadiene	10	11.7	117				-	70-130	-

Method Blank Summary
Form 4
Air Volatiles

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Lab Sample ID	: WG1640147-4	**Lab File ID**	: r322196
Instrument ID	: AIRPIANO3		
Matrix	: AIR	**Analysis Date**	: 05/18/22 16:03

Client Sample No.	Lab Sample ID	Analysis Date
WG1640147-3LCS	WG1640147-3	05/18/22 13:48
AA01	L2225590-11	05/18/22 18:56
IA05	L2225590-10	05/18/22 23:47
IA05DUP	WG1640147-5	05/19/22 00:26
IA04	L2225590-09	05/19/22 01:07
IA03	L2225590-08	05/19/22 01:46
IA02	L2225590-07	05/19/22 02:26
IA01	L2225590-06	05/19/22 03:06

Method Blank Summary
Form 4
Air Volatiles

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Lab Sample ID	: WG1640711-4	**Lab File ID**	: r322227
Instrument ID	: AIRPIANO3		
Matrix	: SOIL_VAPOR	**Analysis Date**	: 05/19/22 16:38

Client Sample No.	Lab Sample ID	Analysis Date
WG1640711-3LCS	WG1640711-3	05/19/22 14:23
SSV01	L2225590-01	05/19/22 18:57
SSV02	L2225590-02	05/19/22 19:37
SSV03	L2225590-03D	05/19/22 20:14
SSV04	L2225590-04	05/19/22 20:54
SSV04DUP	WG1640711-5	05/19/22 21:34
SSV05	L2225590-05	05/19/22 22:13
SSV04	L2225590-04D	05/20/22 07:32
SSV04DUP	WG1640711-5D	05/20/22 08:10

Instrument Performance Check (Tune) Summary
Form 5
Air Volatiles
Bromofluorobenzene (BFB)

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Instrument ID	: AIRPIANO3	**Analysis Date**	: 05/16/22 20:39
Tune Standard	: WG1639636-1	**Tune File ID**	: r322153_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	8.0 - 40.0% of mass 95	14.6
75	30.0 - 66.0% of mass 95	39.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.5 (.6)1
174	50.0 - 120.0% of mass 95	74
175	4.0 - 9.0% of mass 174	5.2 (7.1)1
176	93.0 - 101% of mass 174	71.8 (97)1
177	5.0 - 9.0% of mass 176	4.6 (6.4)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
STD0.2	R1565318-1	R322157	05/16/22 23:12
STD0.5	R1565318-2	R322158	05/16/22 23:53
STD1.0	R1565318-3	R322159	05/17/22 00:37
STD5.0	R1565318-4	R322160	05/17/22 01:18
STD010	R1565318-5	R322161	05/17/22 02:00
STD020	R1565318-7	R322162	05/17/22 02:39
STD050	R1565318-6	R322163	05/17/22 03:19
STD100	R1565318-8	R322164	05/17/22 04:02
ICV QUANT	R1565318-9	R322167	05/17/22 11:14
ICV SUMMARY	R1565318-9	R322167	05/17/22 11:14

Instrument Performance Check (Tune) Summary
Form 5
Air Volatiles
Bromofluorobenzene (BFB)

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Instrument ID	: AIRPIANO3	**Analysis Date**	: 05/18/22 12:23
Tune Standard	: WG1640147-1	**Tune File ID**	: r322192_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	8.0 - 40.0% of mass 95	14.1
75	30.0 - 66.0% of mass 95	38.8
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.5 (.6)1
174	50.0 - 120.0% of mass 95	77.5
175	4.0 - 9.0% of mass 174	5.5 (7.1)1
176	93.0 - 101% of mass 174	75.4 (97.2)1
177	5.0 - 9.0% of mass 176	5 (6.6)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1640147-2CCAL	WG1640147-2	R322194	05/18/22 13:48
WG1640147-3LCS	WG1640147-3	R322194	05/18/22 13:48
WG1640147-4BLANK	WG1640147-4	R322196	05/18/22 16:03
AA01	L2225590-11	R322199	05/18/22 18:56
IA05	L2225590-10	R322206	05/18/22 23:47
WG1640147-5DUP	WG1640147-5	R322207	05/19/22 00:26
IA04	L2225590-09	R322208	05/19/22 01:07
IA03	L2225590-08	R322209	05/19/22 01:46
IA02	L2225590-07	R322210	05/19/22 02:26
IA01	L2225590-06	R322211	05/19/22 03:06

Instrument Performance Check (Tune) Summary
Form 5
Air Volatiles
Bromofluorobenzene (BFB)

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Instrument ID	: AIRPIANO3	**Analysis Date**	: 05/19/22 12:57
Tune Standard	: WG1640711-1	**Tune File ID**	: r322223_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	8.0 - 40.0% of mass 95	14
75	30.0 - 66.0% of mass 95	38.8
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.5 (.6)1
174	50.0 - 120.0% of mass 95	78.2
175	4.0 - 9.0% of mass 174	5.6 (7.2)1
176	93.0 - 101% of mass 174	76.2 (97.4)1
177	5.0 - 9.0% of mass 176	5 (6.6)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1640711-2CCAL	WG1640711-2	R322225	05/19/22 14:23
WG1640711-3LCS	WG1640711-3	R322225	05/19/22 14:23
WG1640711-4BLANK	WG1640711-4	R322227	05/19/22 16:38
SSV01	L2225590-01	R322229	05/19/22 18:57
SSV02	L2225590-02	R322230	05/19/22 19:37
SSV03	L2225590-03D	R322231	05/19/22 20:14
SSV04	L2225590-04	R322232	05/19/22 20:54
WG1640711-5DUP	WG1640711-5	R322233	05/19/22 21:34
SSV05	L2225590-05	R322234	05/19/22 22:13
SSV04	L2225590-04D	R322248	05/20/22 07:32
WG1640711-5DUP	WG1640711-5D	R322249	05/20/22 08:10

Internal Standard Area and RT Summary
Form 8a
Air Volatiles

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Instrument ID	: AIRPIANO3	**Analysis Date**	: 05/18/22 13:48:00
Sample No	: WG1640147-2	**Lab File ID**	: R322194

	Bromochloromethane		1,4-Difluorobenzene		Chlorobenzene-d5	
	Area	RT	Area	RT	Area	RT
WG1640147-2	443368	9.53	1337389	11.81	206902	16.56
Upper Limit	620715	9.86	1872345	12.14	289663	16.89
Lower Limit	266021	9.20	802433	11.48	124141	16.23
Sample ID						
WG1640147-3 LCS	443368	9.53	1337389	11.81	206902	16.56
WG1640147-4 BLANK	424037	9.54	1254640	11.82	194102	16.57
AA01	405200	9.54	1211673	11.82	193031	16.57
IA05	427860	9.54	1286151	11.82	201502	16.57
IA05 DUP	427643	9.54	1281072	11.81	197831	16.56
IA04	428242	9.53	1283972	11.81	202285	16.56
IA03	439167	9.54	1320992	11.81	205701	16.56
IA02	430159	9.53	1297063	11.81	201715	16.56
IA01	426461	9.54	1283406	11.82	201732	16.57

Area Upper Limit = +40% of internal standard area
Area Lower Limit = - 40% of internal standard area

RT Upper Limit = +0.33 minutes of internal standard RT
RT Lower Limit = -0.33 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Air Volatiles

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Instrument ID	: AIRPIANO3	**Analysis Date**	: 05/19/22 14:23:00
Sample No	: WG1640711-2	**Lab File ID**	: R322225

	Bromochloromethane		1,4-Difluorobenzene		Chlorobenzene-d5	
	Area	RT	Area	RT	Area	RT
WG1640711-2	440035	9.55	1334123	11.83	210666	16.58
Upper Limit	616049	9.88	1867772	12.16	294932	16.91
Lower Limit	264021	9.22	800474	11.50	126400	16.25
Sample ID						
WG1640711-3 LCS	440035	9.55	1334123	11.83	210666	16.58
WG1640711-4 BLANK	434797	9.55	1286028	11.83	193158	16.58
SSV01	433447	9.55	1312934	11.83	219560	16.58
SSV02	445150	9.55	1384317	11.83	225028	16.57
SSV03	452477	9.55	1393047	11.82	233738	16.57
SSV04	475079	9.55	1452364	11.83	235165	16.57
SSV04 DUP	497404	9.55	1522511	11.82	242032	16.57
SSV05	493171	9.54	1515840	11.82	239431	16.57
SSV04	417797	9.52	1257221	11.79	197957	16.55
SSV04 DUP	414948	9.52	1249343	11.79	197307	16.55

Area Upper Limit = +40% of internal standard area
Area Lower Limit = - 40% of internal standard area

RT Upper Limit = +0.33 minutes of internal standard RT
RT Lower Limit = -0.33 minutes of internal standard RT

* Values outside of QC limits

Date Created: 02/18/22
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Volatile Organics in Air: TO-15 (AIR)

Holding Time: 30 days
Container/Sample Preservation: 1 - Canister - 2.7 Liter

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
1,1,1-Trichloroethane	71-55-6	0.2	0.0501	ppbV	70-130			25	25			
1,1,2,2-Tetrachloroethane	79-34-5	0.2	0.0614	ppbV	70-130			25	25			
1,1,2-Trichloroethane	79-00-5	0.2	0.067	ppbV	70-130			25	25			
1,1-Dichloroethane	75-34-3	0.2	0.0628	ppbV	70-130			25	25			
1,1-Dichloroethene	75-35-4	0.2	0.0643	ppbV	70-130			25	25			
1,2,3-Trimethylbenzene	526-73-8	0.2	0.0576	ppbV	70-130			25	25			
1,2,4-Trichlorobenzene	120-82-1	0.2	0.0674	ppbV	70-130			25	25			
1,2,4-Trimethylbenzene	95-63-6	0.2	0.0368	ppbV	70-130			25	25			
1,2,4,5-Tetramethylbenzene	95-93-2	0.2	0.0604	ppbV	70-130			25	25			
1,2-Dibromoethane	106-93-4	0.2	0.0561	ppbV	70-130			25	25			
1,2-Dichlorobenzene	95-50-1	0.2	0.0628	ppbV	70-130			25	25			
1,2-Dichloroethane	107-06-2	0.2	0.0602	ppbV	70-130			25	25			
1,2-Dichloropropane	78-87-5	0.2	0.061	ppbV	70-130			25	25			
1,3,5-Trimethylbenzene	108-67-8	0.2	0.0675	ppbV	70-130			25	25			
1,3-Butadiene	106-99-0	0.2	0.067	ppbV	70-130			25	25			
1,3-Dichlorobenzene	541-73-1	0.2	0.0627	ppbV	70-130			25	25			
1,4-Dichlorobenzene	106-46-7	0.2	0.0636	ppbV	70-130			25	25			
1,4-Dioxane	123-91-1	0.2	0.0805	ppbV	70-130			25	25			
2,2,4-Trimethylpentane	540-84-1	0.2	0.0361	ppbV	70-130			25	25			
2-Butanone	78-93-3	0.5	0.0482	ppbV	70-130			25	25			
2-Hexanone	591-78-6	0.2	0.0648	ppbV	70-130			25	25			
2-Methylthiophene	554-14-3	0.2	0.0524	ppbV	70-130			25	25			
3-Methylthiophene	616-44-4	0.2	0.0393	ppbV	70-130			25	25			
3-Chloropropene	107-05-1	0.2	0.0585	ppbV	70-130			25	25			
2-Ethylthiophene	872-55-9	0.2	0.0407	ppbV	70-130			25	25			
4-Ethyltoluene	622-96-8	0.2	0.037	ppbV	70-130			25	25			
Acetone	67-64-1	1	0.689	ppbV	40-160			25	25			
Benzene	71-43-2	0.2	0.0487	ppbV	70-130			25	25			
Benzyl chloride	100-44-7	0.2	0.0482	ppbV	70-130			25	25			
Benzothiophene	95-15-8	0.5	0.077	ppbV	70-130			25	25			
Bromodichloromethane	75-27-4	0.2	0.0504	ppbV	70-130			25	25			
Bromoform	75-25-2	0.2	0.0641	ppbV	70-130			25	25			
Bromomethane	74-83-9	0.2	0.0773	ppbV	70-130			25	25			
Carbon disulfide	75-15-0	0.2	0.0559	ppbV	70-130			25	25			
Carbon tetrachloride	56-23-5	0.2	0.0499	ppbV	70-130			25	25			
Chlorobenzene	108-90-7	0.2	0.0624	ppbV	70-130			25	25			
Chloroethane	75-00-3	0.2	0.0805	ppbV	70-130			25	25			
Chloroform	67-66-3	0.2	0.0633	ppbV	70-130			25	25			
Chloromethane	74-87-3	0.2	0.0689	ppbV	70-130			25	25			
cis-1,2-Dichloroethene	156-59-2	0.2	0.117	ppbV	70-130			25	25			
cis-1,3-Dichloropropene	10061-01-5	0.2	0.0409	ppbV	70-130			25	25			
Cyclohexane	110-82-7	0.2	0.0368	ppbV	70-130			25	25			

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
Please Note that the information provided in this table is subject to change at anytime at the discretion of Alpha Analytical, Inc.

Date Created: 02/18/22
Created By: Jason Hebert
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Volatile Organics in Air: TO-15 (AIR)

Holding Time: 30 days
Container/Sample Preservation: 1 - Canister - 2.7 Liter

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Dibromochloromethane	124-48-1	0.2	0.0614	ppbV	70-130			25	25			
Dichlorodifluoromethane	75-71-8	0.2	0.0583	ppbV	70-130			25	25			
Ethyl Alcohol	64-17-5	5	0.733	ppbV	40-160			25	25			
Ethyl Acetate	141-78-6	0.5	0.122	ppbV	70-130			25	25			
Ethylbenzene	100-41-4	0.2	0.0432	ppbV	70-130			25	25			
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	0.2	0.0656	ppbV	70-130			25	25			
1,2-Dichloro-1,1,2,2-tetrafluoroethane	76-14-2	0.2	0.0591	ppbV	70-130			25	25			
Hexachlorobutadiene	87-68-3	0.2	0.0529	ppbV	70-130			25	25			
iso-Propyl Alcohol	67-63-0	0.5	0.478	ppbV	40-160			25	25			
Methylene chloride	75-09-2	0.5	0.134	ppbV	70-130			25	25			
4-Methyl-2-pentanone	108-10-1	0.5	0.0421	ppbV	70-130			25	25			
Methyl tert butyl ether	1634-04-4	0.2	0.0525	ppbV	70-130			25	25			
Methyl Methacrylate	80-62-6	0.5	0.0697	ppbV	40-160			25	25			
p/m-Xylene	179601-23-1	0.4	0.091	ppbV	70-130			25	25			
o-Xylene	95-47-6	0.2	0.0453	ppbV	70-130			25	25			
Xylene (Total)	1330-20-7	0.2	0.0453	ppbV				25	25			
Heptane	142-82-5	0.2	0.047	ppbV	70-130			25	25			
n-Heptane	142-82-5	0.2	0.047	ppbV	70-130			25	25			
n-Hexane	110-54-3	0.2	0.0364	ppbV	70-130			25	25			
Propylene	115-07-1	0.5	0.0599	ppbV	70-130			25	25			
Styrene	100-42-5	0.2	0.0434	ppbV	70-130			25	25			
Tetrachloroethene	127-18-4	0.2	0.0655	ppbV	70-130			25	25			
Thiophene	110-02-1	0.2	0.0389	ppbV	70-130			25	25			
Tetrahydrofuran	109-99-9	0.5	0.0568	ppbV	70-130			25	25			
Toluene	108-88-3	0.2	0.052	ppbV	70-130			25	25			
trans-1,2-Dichloroethene	156-60-5	0.2	0.0643	ppbV	70-130			25	25			
1,2-Dichloroethene (total)	540-59-0	0.2	0.0643	ppbV				25	25			
trans-1,3-Dichloropropene	10061-02-6	0.2	0.0436	ppbV	70-130			25	25			
1,3-Dichloropropene, Total	542-75-6	0.2	0.0409	ppbV				25	25			
Trichloroethene	79-01-6	0.2	0.0505	ppbV	70-130			25	25			
Trichlorofluoromethane	75-69-4	0.2	0.0686	ppbV	70-130			25	25			
Vinyl acetate	108-05-4	1	0.0479	ppbV	70-130			25	25			
Vinyl bromide	593-60-2	0.2	0.0717	ppbV	70-130			25	25			
Vinyl chloride	75-01-4	0.2	0.0627	ppbV	70-130			25	25			
Naphthalene	91-20-3	0.2	0.0885	ppbV	70-130			25	25			
Total HC As Hexane	NONE	10	0.0364	ppbV	70-130			25	25			
Total VOCs As Toluene	NONE	10	0.052	ppbV	70-130			25	25			
Propane	74-98-6	0.5	0.132	ppbV	70-130			25	25			
Acrylonitrile	107-13-1	0.5	0.0555	ppbV	70-130			25	25			
Acrolein	107-02-8	0.5	0.0596	ppbV	60-113			25	25			
1,1,1,2-Tetrachloroethane	630-20-6	0.2	0.0561	ppbV	70-130			25	25			
Isopropylbenzene	98-82-8	0.2	0.0491	ppbV	70-130			25	25			

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Date Created: 02/18/22
Created By: Jason Hebert
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Volatile Organics in Air: TO-15 (AIR)

Holding Time: 30 days
Container/Sample Preservation: 1 - Canister - 2.7 Liter

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
1,2,3-Trichloropropane	96-18-4	0.2	0.061	ppbV	70-130			25	25			
Acetonitrile	75-05-8	0.2	0.082	ppbV	70-130			25	25			
Bromobenzene	108-86-1	0.2	0.0613	ppbV	70-130			25	25			
Chlorodifluoromethane	75-45-6	0.2	0.0584	ppbV	70-130			25	25			
Dichlorofluoromethane	75-43-4	0.2	0.0807	ppbV	70-130			25	25			
Dibromomethane	74-95-3	0.2	0.0563	ppbV	70-130			25	25			
Pentane	109-66-0	0.2	0.0659	ppbV	70-130			25	25			
Octane	111-65-9	0.2	0.0445	ppbV	70-130			25	25			
Tertiary-Amyl Methyl Ether	994-05-8	0.2	0.0476	ppbV	70-130			25	25			
o-Chlorotoluene	95-49-8	0.2	0.0486	ppbV	70-130			25	25			
p-Chlorotoluene	106-43-4	0.2	0.056	ppbV	70-130			25	25			
2,2-Dichloropropane	594-20-7	0.2	0.0458	ppbV	70-130			25	25			
1,1-Dichloropropene	563-58-6	0.2	0.0457	ppbV	70-130			25	25			
Isopropyl Ether	108-20-3	0.2	0.0621	ppbV	70-130			25	25			
Ethyl-Tert-Butyl-Ether	637-92-3	0.2	0.0422	ppbV	70-130			25	25			
1,2,3-Trichlorobenzene	87-61-6	0.2	0.0715	ppbV	70-130			25	25			
Ethyl ether	60-29-7	0.2	0.0737	ppbV	70-130			25	25			
n-Butylbenzene	104-51-8	0.2	0.044	ppbV	70-130			25	25			
sec-Butylbenzene	135-98-8	0.2	0.0429	ppbV	70-130			25	25			
tert-Butylbenzene	98-06-6	0.2	0.042	ppbV	70-130			25	25			
1,2-Dibromo-3-chloropropane	96-12-8	0.2	0.0495	ppbV	70-130			25	25			
p-Isopropyltoluene	99-87-6	0.2	0.052	ppbV	70-130			25	25			
n-Propylbenzene	103-65-1	0.2	0.0419	ppbV	70-130			25	25			
1,3-Dichloropropane	142-28-9	0.2	0.106	ppbV	70-130			25	25			
Methanol	67-56-1	5	1.84	ppbV	70-130			25	25			
Acetaldehyde	75-07-0	2.5	0.444	ppbV	70-130			25	25			
Butane	106-97-8	0.2	0.0646	ppbV	70-130			25	25			
Nonane (C9)	111-84-2	0.2	0.0463	ppbV	70-130			25	25			
Decane (C10)	124-18-5	0.2	0.0404	ppbV	70-130			25	25			
Undecane	1120-21-4	0.2	0.0427	ppbV	70-130			25	25			
Indane	496-11-7	0.2	0.0507	ppbV	70-130			25	25			
Indene	95-13-6	0.2	0.0433	ppbV	70-130			25	25			
1-Methylnaphthalene	90-12-0	1	0.466	ppbV	70-130			25	25			
Dodecane (C12)	112-40-3	0.2	0.0658	ppbV	70-130			25	25			
Butyl Acetate	123-86-4	0.5	0.126	ppbV	70-130			25	25			
tert-Butyl Alcohol	75-65-0	0.5	0.0466	ppbV	70-130			25	25			
2-Methylnaphthalene	91-57-6	1	0.393	ppbV	70-130			25	25			
1,2-Dichloroethane-d4	*17060-07-0*									*70-130*		
Toluene-d8	*2037-26-5*									*70-130*		
Bromofluorobenzene	*460-00-4*									*70-130*		

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
Please Note that the information provided in this table is subject to change at anytime at the discretion of Alpha Analytical, Inc.

Volatiles Sample Data

Results Summary
Form 1
Volatile Organics in Air

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Lab ID	: L2225590-01	**Date Collected**	: 05/12/22 17:43
Client ID	: SSV01	**Date Received**	: 05/13/22
Sample Location	: MASPETH, NY	**Date Analyzed**	: 05/19/22 18:57
Sample Matrix	: SOIL_VAPOR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TS
Lab File ID	: R322229	**Instrument ID**	: AIRPIANO3
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	1.45	0.200	--	7.17	0.989	--	
74-87-3	Chloromethane	ND	0.200	--	ND	0.413	--	U
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
75-01-4	Vinyl chloride	ND	0.200	--	ND	0.511	--	U
106-99-0	1,3-Butadiene	0.311	0.200	--	0.688	0.442	--	
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	113	5.00	--	213	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	361	1.00	--	858	2.38	--	
75-69-4	Trichlorofluoromethane	0.348	0.200	--	1.96	1.12	--	
67-63-0	Isopropanol	93.4	0.500	--	230	1.23	--	
75-35-4	1,1-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-65-0	Tertiary butyl Alcohol	20.3	0.500	--	61.5	1.52	--	
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	1.08	0.200	--	3.36	0.623	--	
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	46.7	0.500	--	138	1.47	--	
156-59-2	cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Lab ID	: L2225590-01	**Date Collected**	: 05/12/22 17:43
Client ID	: SSV01	**Date Received**	: 05/13/22
Sample Location	: MASPETH, NY	**Date Analyzed**	: 05/19/22 18:57
Sample Matrix	: SOIL_VAPOR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TS
Lab File ID	: R322229	**Instrument ID**	: AIRPIANO3
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	2.14	0.200	--	7.54	0.705	--	
71-55-6	1,1,1-Trichloroethane	0.587	0.200	--	3.20	1.09	--	
71-43-2	Benzene	6.00	0.200	--	19.2	0.639	--	
56-23-5	Carbon tetrachloride	ND	0.200	--	ND	1.26	--	U
110-82-7	Cyclohexane	3.00	0.200	--	10.3	0.688	--	
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	0.970	0.200	--	3.50	0.721	--	
79-01-6	Trichloroethene	ND	0.200	--	ND	1.07	--	U
540-84-1	2,2,4-Trimethylpentane	0.702	0.200	--	3.28	0.934	--	
142-82-5	Heptane	1.68	0.200	--	6.88	0.820	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	2.75	0.500	--	11.3	2.05	--	
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	4.04	0.200	--	15.2	0.754	--	
591-78-6	2-Hexanone	2.66	0.200	--	10.9	0.820	--	
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
127-18-4	Tetrachloroethene	2.26	0.200	--	15.3	1.36	--	
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	0.866	0.200	--	3.76	0.869	--	
179601-23-1	p/m-Xylene	3.16	0.400	--	13.7	1.74	--	
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	0.234	0.200	--	0.996	0.852	--	

Results Summary
Form 1
Volatile Organics in Air

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Lab ID	: L2225590-01	**Date Collected**	: 05/12/22 17:43
Client ID	: SSV01	**Date Received**	: 05/13/22
Sample Location	: MASPETH, NY	**Date Analyzed**	: 05/19/22 18:57
Sample Matrix	: SOIL_VAPOR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TS
Lab File ID	: R322229	**Instrument ID**	: AIRPIANO3
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	1.18	0.200	--	5.13	0.869	--	
622-96-8	4-Ethyltoluene	0.270	0.200	--	1.33	0.983	--	
108-67-8	1,3,5-Trimethylbenzene	0.324	0.200	--	1.59	0.983	--	
95-63-6	1,2,4-Trimethylbenzene	1.19	0.200	--	5.85	0.983	--	
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Lab ID	: L2225590-02	**Date Collected**	: 05/12/22 17:16
Client ID	: SSV02	**Date Received**	: 05/13/22
Sample Location	: MASPETH, NY	**Date Analyzed**	: 05/19/22 19:37
Sample Matrix	: SOIL_VAPOR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TS
Lab File ID	: R322230	**Instrument ID**	: AIRPIANO3
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.703	0.200	--	3.48	0.989	--	
74-87-3	Chloromethane	ND	0.200	--	ND	0.413	--	U
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
75-01-4	Vinyl chloride	ND	0.200	--	ND	0.511	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	163	5.00	--	307	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	140	1.00	--	333	2.38	--	
75-69-4	Trichlorofluoromethane	0.470	0.200	--	2.64	1.12	--	
67-63-0	Isopropanol	42.9	0.500	--	105	1.23	--	
75-35-4	1,1-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-65-0	Tertiary butyl Alcohol	11.2	0.500	--	34.0	1.52	--	
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	1.04	0.200	--	3.24	0.623	--	
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	20.5	0.500	--	60.5	1.47	--	
156-59-2	cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Lab ID	: L2225590-02	**Date Collected**	: 05/12/22 17:16
Client ID	: SSV02	**Date Received**	: 05/13/22
Sample Location	: MASPETH, NY	**Date Analyzed**	: 05/19/22 19:37
Sample Matrix	: SOIL_VAPOR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TS
Lab File ID	: R322230	**Instrument ID**	: AIRPIANO3
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	7.93	0.200	--	27.9	0.705	--	
71-55-6	1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--	U
71-43-2	Benzene	16.6	0.200	--	53.0	0.639	--	
56-23-5	Carbon tetrachloride	ND	0.200	--	ND	1.26	--	U
110-82-7	Cyclohexane	4.31	0.200	--	14.8	0.688	--	
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
79-01-6	Trichloroethene	10.6	0.200	--	57.0	1.07	--	
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	5.98	0.200	--	24.5	0.820	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	2.66	0.500	--	10.9	2.05	--	
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	10.0	0.200	--	37.7	0.754	--	
591-78-6	2-Hexanone	3.04	0.200	--	12.5	0.820	--	
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
127-18-4	Tetrachloroethene	71.5	0.200	--	485	1.36	--	
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	1.41	0.200	--	6.12	0.869	--	
179601-23-1	p/m-Xylene	4.82	0.400	--	20.9	1.74	--	
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Lab ID	: L2225590-02	**Date Collected**	: 05/12/22 17:16
Client ID	: SSV02	**Date Received**	: 05/13/22
Sample Location	: MASPETH, NY	**Date Analyzed**	: 05/19/22 19:37
Sample Matrix	: SOIL_VAPOR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TS
Lab File ID	: R322230	**Instrument ID**	: AIRPIANO3
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	1.79	0.200	--	7.77	0.869	--	
622-96-8	4-Ethyltoluene	0.261	0.200	--	1.28	0.983	--	
108-67-8	1,3,5-Trimethylbenzene	0.458	0.200	--	2.25	0.983	--	
95-63-6	1,2,4-Trimethylbenzene	1.26	0.200	--	6.19	0.983	--	
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Lab ID	: L2225590-03D	**Date Collected**	: 05/12/22 17:18
Client ID	: SSV03	**Date Received**	: 05/13/22
Sample Location	: MASPETH, NY	**Date Analyzed**	: 05/19/22 20:14
Sample Matrix	: SOIL_VAPOR	**Dilution Factor**	: 77.88
Analytical Method	: 48,TO-15	**Analyst**	: TS
Lab File ID	: R322231	**Instrument ID**	: AIRPIANO3
Sample Amount	: 3.21 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
75-71-8	Dichlorodifluoromethane	ND	15.6	--	ND	77.1	--	U
74-87-3	Chloromethane	ND	15.6	--	ND	32.2	--	U
76-14-2	Freon-114	ND	15.6	--	ND	109.	--	U
75-01-4	Vinyl chloride	196	15.6	--	501	39.9	--	
106-99-0	1,3-Butadiene	ND	15.6	--	ND	34.5	--	U
74-83-9	Bromomethane	ND	15.6	--	ND	60.6	--	U
75-00-3	Chloroethane	ND	15.6	--	ND	41.2	--	U
64-17-5	Ethanol	1020	389	--	1920	733	--	
593-60-2	Vinyl bromide	ND	15.6	--	ND	68.2	--	U
67-64-1	Acetone	214	77.9	--	508	185	--	
75-69-4	Trichlorofluoromethane	ND	15.6	--	ND	87.7	--	U
67-63-0	Isopropanol	49.8	38.9	--	122	95.6	--	
75-35-4	1,1-Dichloroethene	ND	15.6	--	ND	61.9	--	U
75-65-0	Tertiary butyl Alcohol	ND	38.9	--	ND	118.	--	U
75-09-2	Methylene chloride	ND	38.9	--	ND	135	--	U
107-05-1	3-Chloropropene	ND	15.6	--	ND	48.8	--	U
75-15-0	Carbon disulfide	ND	15.6	--	ND	48.6	--	U
76-13-1	Freon-113	ND	15.6	--	ND	120.	--	U
156-60-5	trans-1,2-Dichloroethene	ND	15.6	--	ND	61.9	--	U
75-34-3	1,1-Dichloroethane	ND	15.6	--	ND	63.1	--	U
1634-04-4	Methyl tert butyl ether	ND	15.6	--	ND	56.2	--	U
78-93-3	2-Butanone	ND	38.9	--	ND	115.	--	U
156-59-2	cis-1,2-Dichloroethene	ND	15.6	--	ND	61.9	--	U
141-78-6	Ethyl Acetate	ND	38.9	--	ND	140.	--	U
67-66-3	Chloroform	ND	15.6	--	ND	76.2	--	U
109-99-9	Tetrahydrofuran	ND	38.9	--	ND	115.	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Lab ID	: L2225590-03D	**Date Collected**	: 05/12/22 17:18
Client ID	: SSV03	**Date Received**	: 05/13/22
Sample Location	: MASPETH, NY	**Date Analyzed**	: 05/19/22 20:14
Sample Matrix	: SOIL_VAPOR	**Dilution Factor**	: 77.88
Analytical Method	: 48,TO-15	**Analyst**	: TS
Lab File ID	: R322231	**Instrument ID**	: AIRPIANO3
Sample Amount	: 3.21 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
107-06-2	1,2-Dichloroethane	ND	15.6	--	ND	63.1	--	U
110-54-3	n-Hexane	845	15.6	--	2980	55.0	--	
71-55-6	1,1,1-Trichloroethane	ND	15.6	--	ND	85.1	--	U
71-43-2	Benzene	166	15.6	--	530	49.8	--	
56-23-5	Carbon tetrachloride	ND	15.6	--	ND	98.1	--	U
110-82-7	Cyclohexane	299	15.6	--	1030	53.7	--	
78-87-5	1,2-Dichloropropane	ND	15.6	--	ND	72.1	--	U
75-27-4	Bromodichloromethane	ND	15.6	--	ND	105.	--	U
123-91-1	1,4-Dioxane	ND	15.6	--	ND	56.2	--	U
79-01-6	Trichloroethene	ND	15.6	--	ND	83.8	--	U
540-84-1	2,2,4-Trimethylpentane	6970	15.6	--	32600	72.9	--	
142-82-5	Heptane	465	15.6	--	1910	63.9	--	
10061-01-5	cis-1,3-Dichloropropene	ND	15.6	--	ND	70.8	--	U
108-10-1	4-Methyl-2-pentanone	ND	38.9	--	ND	159.	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	15.6	--	ND	70.8	--	U
79-00-5	1,1,2-Trichloroethane	ND	15.6	--	ND	85.1	--	U
108-88-3	Toluene	32.3	15.6	--	122	58.8	--	
591-78-6	2-Hexanone	ND	15.6	--	ND	63.9	--	U
124-48-1	Dibromochloromethane	ND	15.6	--	ND	133.	--	U
106-93-4	1,2-Dibromoethane	ND	15.6	--	ND	120.	--	U
127-18-4	Tetrachloroethene	ND	15.6	--	ND	106.	--	U
108-90-7	Chlorobenzene	ND	15.6	--	ND	71.8	--	U
100-41-4	Ethylbenzene	ND	15.6	--	ND	67.8	--	U
179601-23-1	p/m-Xylene	31.4	31.2	--	136	136	--	
75-25-2	Bromoform	ND	15.6	--	ND	161.	--	U
100-42-5	Styrene	ND	15.6	--	ND	66.4	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Lab ID	: L2225590-03D	**Date Collected**	: 05/12/22 17:18
Client ID	: SSV03	**Date Received**	: 05/13/22
Sample Location	: MASPETH, NY	**Date Analyzed**	: 05/19/22 20:14
Sample Matrix	: SOIL_VAPOR	**Dilution Factor**	: 77.88
Analytical Method	: 48,TO-15	**Analyst**	: TS
Lab File ID	: R322231	**Instrument ID**	: AIRPIANO3
Sample Amount	: 3.21 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	15.6	--	ND	107.	--	U
95-47-6	o-Xylene	31.8	15.6	--	138	67.8	--	
622-96-8	4-Ethyltoluene	ND	15.6	--	ND	76.7	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	15.6	--	ND	76.7	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	15.6	--	ND	76.7	--	U
100-44-7	Benzyl chloride	ND	15.6	--	ND	80.8	--	U
541-73-1	1,3-Dichlorobenzene	ND	15.6	--	ND	93.8	--	U
106-46-7	1,4-Dichlorobenzene	ND	15.6	--	ND	93.8	--	U
95-50-1	1,2-Dichlorobenzene	ND	15.6	--	ND	93.8	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	15.6	--	ND	116.	--	U
87-68-3	Hexachlorobutadiene	ND	15.6	--	ND	166.	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Lab ID	: L2225590-04	**Date Collected**	: 05/12/22 18:07
Client ID	: SSV04	**Date Received**	: 05/13/22
Sample Location	: MASPETH, NY	**Date Analyzed**	: 05/19/22 20:54
Sample Matrix	: SOIL_VAPOR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TS
Lab File ID	: R322232	**Instrument ID**	: AIRPIANO3
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
75-71-8	Dichlorodifluoromethane	0.614	0.200	--	3.04	0.989	--	
74-87-3	Chloromethane	ND	0.200	--	ND	0.413	--	U
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
75-01-4	Vinyl chloride	0.247	0.200	--	0.631	0.511	--	
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	524	5.00	--	987	9.42	--	E
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	1020	1.00	--	2420	2.38	--	E
75-69-4	Trichlorofluoromethane	0.436	0.200	--	2.45	1.12	--	
67-63-0	Isopropanol	105	0.500	--	258	1.23	--	
75-35-4	1,1-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-65-0	Tertiary butyl Alcohol	43.4	0.500	--	132	1.52	--	
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	12.2	0.200	--	38.0	0.623	--	
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	46.0	0.500	--	136	1.47	--	
156-59-2	cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	11.5	0.500	--	33.9	1.47	--	

Results Summary
Form 1
Volatile Organics in Air

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Lab ID	: L2225590-04	**Date Collected**	: 05/12/22 18:07
Client ID	: SSV04	**Date Received**	: 05/13/22
Sample Location	: MASPETH, NY	**Date Analyzed**	: 05/19/22 20:54
Sample Matrix	: SOIL_VAPOR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TS
Lab File ID	: R322232	**Instrument ID**	: AIRPIANO3
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	1.49	0.200	--	5.25	0.705	--	
71-55-6	1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--	U
71-43-2	Benzene	0.510	0.200	--	1.63	0.639	--	
56-23-5	Carbon tetrachloride	ND	0.200	--	ND	1.26	--	U
110-82-7	Cyclohexane	1.44	0.200	--	4.96	0.688	--	
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	7.88	0.200	--	28.4	0.721	--	
79-01-6	Trichloroethene	ND	0.200	--	ND	1.07	--	U
540-84-1	2,2,4-Trimethylpentane	0.894	0.200	--	4.18	0.934	--	
142-82-5	Heptane	2.14	0.200	--	8.77	0.820	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	8.56	0.500	--	35.1	2.05	--	
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	12.2	0.200	--	46.0	0.754	--	
591-78-6	2-Hexanone	3.02	0.200	--	12.4	0.820	--	
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
127-18-4	Tetrachloroethene	7.30	0.200	--	49.5	1.36	--	
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	0.980	0.200	--	4.26	0.869	--	
179601-23-1	p/m-Xylene	3.76	0.400	--	16.3	1.74	--	
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Lab ID	: L2225590-04	**Date Collected**	: 05/12/22 18:07
Client ID	: SSV04	**Date Received**	: 05/13/22
Sample Location	: MASPETH, NY	**Date Analyzed**	: 05/19/22 20:54
Sample Matrix	: SOIL_VAPOR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TS
Lab File ID	: R322232	**Instrument ID**	: AIRPIANO3
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	1.66	0.200	--	7.21	0.869	--	
622-96-8	4-Ethyltoluene	0.603	0.200	--	2.96	0.983	--	
108-67-8	1,3,5-Trimethylbenzene	1.32	0.200	--	6.49	0.983	--	
95-63-6	1,2,4-Trimethylbenzene	4.53	0.200	--	22.3	0.983	--	
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Lab ID	: L2225590-04D	**Date Collected**	: 05/12/22 18:07
Client ID	: SSV04	**Date Received**	: 05/13/22
Sample Location	: MASPETH, NY	**Date Analyzed**	: 05/20/22 07:32
Sample Matrix	: SOIL_VAPOR	**Dilution Factor**	: 8.333
Analytical Method	: 48,TO-15	**Analyst**	: TS
Lab File ID	: R322248	**Instrument ID**	: AIRPIANO3
Sample Amount	: 30.0 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
67-64-1	Acetone	1930	8.33	--	4580	19.8	--	

Results Summary
Form 1
Volatile Organics in Air

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Lab ID	: L2225590-05	**Date Collected**	: 05/12/22 18:00
Client ID	: SSV05	**Date Received**	: 05/13/22
Sample Location	: MASPETH, NY	**Date Analyzed**	: 05/19/22 22:13
Sample Matrix	: SOIL_VAPOR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TS
Lab File ID	: R322234	**Instrument ID**	: AIRPIANO3
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
75-71-8	Dichlorodifluoromethane	0.540	0.200	--	2.67	0.989	--	
74-87-3	Chloromethane	ND	0.200	--	ND	0.413	--	U
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
75-01-4	Vinyl chloride	ND	0.200	--	ND	0.511	--	U
106-99-0	1,3-Butadiene	0.250	0.200	--	0.553	0.442	--	
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	102	5.00	--	192	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	56.0	1.00	--	133	2.38	--	
75-69-4	Trichlorofluoromethane	0.593	0.200	--	3.33	1.12	--	
67-63-0	Isopropanol	36.1	0.500	--	88.7	1.23	--	
75-35-4	1,1-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-65-0	Tertiary butyl Alcohol	0.889	0.500	--	2.69	1.52	--	
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	0.286	0.200	--	0.891	0.623	--	
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	2.10	0.500	--	6.19	1.47	--	
156-59-2	cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Lab ID	: L2225590-05	**Date Collected**	: 05/12/22 18:00
Client ID	: SSV05	**Date Received**	: 05/13/22
Sample Location	: MASPETH, NY	**Date Analyzed**	: 05/19/22 22:13
Sample Matrix	: SOIL_VAPOR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TS
Lab File ID	: R322234	**Instrument ID**	: AIRPIANO3
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	3.19	0.200	--	11.2	0.705	--	
71-55-6	1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--	U
71-43-2	Benzene	0.762	0.200	--	2.43	0.639	--	
56-23-5	Carbon tetrachloride	ND	0.200	--	ND	1.26	--	U
110-82-7	Cyclohexane	0.721	0.200	--	2.48	0.688	--	
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	0.786	0.200	--	2.83	0.721	--	
79-01-6	Trichloroethene	ND	0.200	--	ND	1.07	--	U
540-84-1	2,2,4-Trimethylpentane	1.03	0.200	--	4.81	0.934	--	
142-82-5	Heptane	1.32	0.200	--	5.41	0.820	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	2.73	0.200	--	10.3	0.754	--	
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
127-18-4	Tetrachloroethene	4.54	0.200	--	30.8	1.36	--	
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	0.444	0.200	--	1.93	0.869	--	
179601-23-1	p/m-Xylene	1.60	0.400	--	6.95	1.74	--	
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Lab ID	: L2225590-05	**Date Collected**	: 05/12/22 18:00
Client ID	: SSV05	**Date Received**	: 05/13/22
Sample Location	: MASPETH, NY	**Date Analyzed**	: 05/19/22 22:13
Sample Matrix	: SOIL_VAPOR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TS
Lab File ID	: R322234	**Instrument ID**	: AIRPIANO3
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	0.542	0.200	--	2.35	0.869	--	
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	0.456	0.200	--	2.24	0.983	--	
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Lab ID	: L2225590-06	**Date Collected**	: 05/12/22 17:21
Client ID	: IA01	**Date Received**	: 05/13/22
Sample Location	: MASPETH, NY	**Date Analyzed**	: 05/19/22 03:06
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TS
Lab File ID	: R322211	**Instrument ID**	: AIRPIANO3
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
75-71-8	Dichlorodifluoromethane	0.606	0.200	--	3.00	0.989	--	
74-87-3	Chloromethane	0.715	0.200	--	1.48	0.413	--	
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	6.44	5.00	--	12.1	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	4.08	1.00	--	9.69	2.38	--	
75-69-4	Trichlorofluoromethane	0.312	0.200	--	1.75	1.12	--	
67-63-0	Isopropanol	1.58	0.500	--	3.88	1.23	--	
75-65-0	Tertiary butyl Alcohol	24.9	0.500	--	75.5	1.52	--	
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	ND	0.500	--	ND	1.47	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	0.255	0.200	--	0.899	0.705	--	
71-43-2	Benzene	0.211	0.200	--	0.674	0.639	--	

Results Summary
Form 1
Volatile Organics in Air

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Lab ID	: L2225590-06	**Date Collected**	: 05/12/22 17:21
Client ID	: IA01	**Date Received**	: 05/13/22
Sample Location	: MASPETH, NY	**Date Analyzed**	: 05/19/22 03:06
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TS
Lab File ID	: R322211	**Instrument ID**	: AIRPIANO3
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
540-84-1	2,2,4-Trimethylpentane	0.309	0.200	--	1.44	0.934	--	
142-82-5	Heptane	0.233	0.200	--	0.955	0.820	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	1.90	0.200	--	7.16	0.754	--	
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	ND	0.200	--	ND	0.869	--	U
179601-23-1	p/m-Xylene	0.621	0.400	--	2.70	1.74	--	
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	0.256	0.200	--	1.11	0.869	--	
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	0.357	0.200	--	1.76	0.983	--	
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Lab ID	: L2225590-06	**Date Collected**	: 05/12/22 17:21
Client ID	: IA01	**Date Received**	: 05/13/22
Sample Location	: MASPETH, NY	**Date Analyzed**	: 05/19/22 03:06
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TS
Lab File ID	: R322211	**Instrument ID**	: AIRPIANO3
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Lab ID	: L2225590-07	**Date Collected**	: 05/12/22 17:01
Client ID	: IA02	**Date Received**	: 05/13/22
Sample Location	: MASPETH, NY	**Date Analyzed**	: 05/19/22 02:26
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TS
Lab File ID	: R322210	**Instrument ID**	: AIRPIANO3
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.615	0.200	--	3.04	0.989	--	
74-87-3	Chloromethane	0.678	0.200	--	1.40	0.413	--	
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	6.36	5.00	--	12.0	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	5.48	1.00	--	13.0	2.38	--	
75-69-4	Trichlorofluoromethane	0.321	0.200	--	1.80	1.12	--	
67-63-0	Isopropanol	1.28	0.500	--	3.15	1.23	--	
75-65-0	Tertiary butyl Alcohol	33.8	0.500	--	102	1.52	--	
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	ND	0.500	--	ND	1.47	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	0.216	0.200	--	0.761	0.705	--	
71-43-2	Benzene	ND	0.200	--	ND	0.639	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Lab ID	: L2225590-07	**Date Collected**	: 05/12/22 17:01
Client ID	: IA02	**Date Received**	: 05/13/22
Sample Location	: MASPETH, NY	**Date Analyzed**	: 05/19/22 02:26
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TS
Lab File ID	: R322210	**Instrument ID**	: AIRPIANO3
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
540-84-1	2,2,4-Trimethylpentane	0.236	0.200	--	1.10	0.934	--	
142-82-5	Heptane	ND	0.200	--	ND	0.820	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	1.87	0.200	--	7.05	0.754	--	
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	ND	0.200	--	ND	0.869	--	U
179601-23-1	p/m-Xylene	0.442	0.400	--	1.92	1.74	--	
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	0.203	0.200	--	0.882	0.869	--	
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	0.524	0.200	--	2.58	0.983	--	
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Lab ID	: L2225590-07	**Date Collected**	: 05/12/22 17:01
Client ID	: IA02	**Date Received**	: 05/13/22
Sample Location	: MASPETH, NY	**Date Analyzed**	: 05/19/22 02:26
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TS
Lab File ID	: R322210	**Instrument ID**	: AIRPIANO3
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Lab ID	: L2225590-08	**Date Collected**	: 05/12/22 17:20
Client ID	: IA03	**Date Received**	: 05/13/22
Sample Location	: MASPETH, NY	**Date Analyzed**	: 05/19/22 01:46
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TS
Lab File ID	: R322209	**Instrument ID**	: AIRPIANO3
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.594	0.200	--	2.94	0.989	--	
74-87-3	Chloromethane	0.664	0.200	--	1.37	0.413	--	
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	6.44	5.00	--	12.1	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	4.23	1.00	--	10.0	2.38	--	
75-69-4	Trichlorofluoromethane	0.323	0.200	--	1.82	1.12	--	
67-63-0	Isopropanol	1.51	0.500	--	3.71	1.23	--	
75-65-0	Tertiary butyl Alcohol	30.2	0.500	--	91.6	1.52	--	
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	ND	0.500	--	ND	1.47	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	0.297	0.200	--	1.05	0.705	--	
71-43-2	Benzene	ND	0.200	--	ND	0.639	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Lab ID	: L2225590-08	**Date Collected**	: 05/12/22 17:20
Client ID	: IA03	**Date Received**	: 05/13/22
Sample Location	: MASPETH, NY	**Date Analyzed**	: 05/19/22 01:46
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TS
Lab File ID	: R322209	**Instrument ID**	: AIRPIANO3
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
540-84-1	2,2,4-Trimethylpentane	0.252	0.200	--	1.18	0.934	--	
142-82-5	Heptane	0.204	0.200	--	0.836	0.820	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	1.73	0.200	--	6.52	0.754	--	
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	ND	0.200	--	ND	0.869	--	U
179601-23-1	p/m-Xylene	0.531	0.400	--	2.31	1.74	--	
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	0.220	0.200	--	0.956	0.869	--	
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	0.401	0.200	--	1.97	0.983	--	
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Lab ID	: L2225590-08	**Date Collected**	: 05/12/22 17:20
Client ID	: IA03	**Date Received**	: 05/13/22
Sample Location	: MASPETH, NY	**Date Analyzed**	: 05/19/22 01:46
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TS
Lab File ID	: R322209	**Instrument ID**	: AIRPIANO3
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Lab ID	: L2225590-09	**Date Collected**	: 05/12/22 18:40
Client ID	: IA04	**Date Received**	: 05/13/22
Sample Location	: MASPETH, NY	**Date Analyzed**	: 05/19/22 01:07
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TS
Lab File ID	: R322208	**Instrument ID**	: AIRPIANO3
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.624	0.200	--	3.09	0.989	--	
74-87-3	Chloromethane	0.711	0.200	--	1.47	0.413	--	
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	7.35	5.00	--	13.8	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	4.29	1.00	--	10.2	2.38	--	
75-69-4	Trichlorofluoromethane	0.306	0.200	--	1.72	1.12	--	
67-63-0	Isopropanol	1.26	0.500	--	3.10	1.23	--	
75-65-0	Tertiary butyl Alcohol	3.58	0.500	--	10.9	1.52	--	
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	ND	0.500	--	ND	1.47	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	ND	0.200	--	ND	0.705	--	U
71-43-2	Benzene	ND	0.200	--	ND	0.639	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Lab ID	: L2225590-09	**Date Collected**	: 05/12/22 18:40
Client ID	: IA04	**Date Received**	: 05/13/22
Sample Location	: MASPETH, NY	**Date Analyzed**	: 05/19/22 01:07
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TS
Lab File ID	: R322208	**Instrument ID**	: AIRPIANO3
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	ND	0.200	--	ND	0.820	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	2.16	0.200	--	8.14	0.754	--	
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	ND	0.200	--	ND	0.869	--	U
179601-23-1	p/m-Xylene	0.622	0.400	--	2.70	1.74	--	
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	0.249	0.200	--	1.08	0.869	--	
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Lab ID	: L2225590-09	**Date Collected**	: 05/12/22 18:40
Client ID	: IA04	**Date Received**	: 05/13/22
Sample Location	: MASPETH, NY	**Date Analyzed**	: 05/19/22 01:07
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TS
Lab File ID	: R322208	**Instrument ID**	: AIRPIANO3
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Lab ID	: L2225590-10	**Date Collected**	: 05/12/22 17:58
Client ID	: IA05	**Date Received**	: 05/13/22
Sample Location	: MASPETH, NY	**Date Analyzed**	: 05/18/22 23:47
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TS
Lab File ID	: R322206	**Instrument ID**	: AIRPIANO3
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.606	0.200	--	3.00	0.989	--	
74-87-3	Chloromethane	1.22	0.200	--	2.52	0.413	--	
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	7.88	5.00	--	14.8	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	5.38	1.00	--	12.8	2.38	--	
75-69-4	Trichlorofluoromethane	0.308	0.200	--	1.73	1.12	--	
67-63-0	Isopropanol	3.23	0.500	--	7.94	1.23	--	
75-65-0	Tertiary butyl Alcohol	5.42	0.500	--	16.4	1.52	--	
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	ND	0.500	--	ND	1.47	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	0.419	0.200	--	1.48	0.705	--	
71-43-2	Benzene	0.235	0.200	--	0.751	0.639	--	

Results Summary
Form 1
Volatile Organics in Air

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Lab ID	: L2225590-10	**Date Collected**	: 05/12/22 17:58
Client ID	: IA05	**Date Received**	: 05/13/22
Sample Location	: MASPETH, NY	**Date Analyzed**	: 05/18/22 23:47
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TS
Lab File ID	: R322206	**Instrument ID**	: AIRPIANO3
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
540-84-1	2,2,4-Trimethylpentane	0.248	0.200	--	1.16	0.934	--	
142-82-5	Heptane	0.205	0.200	--	0.840	0.820	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	2.05	0.200	--	7.73	0.754	--	
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	ND	0.200	--	ND	0.869	--	U
179601-23-1	p/m-Xylene	0.516	0.400	--	2.24	1.74	--	
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	0.209	0.200	--	0.908	0.869	--	
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Lab ID	: L2225590-10	**Date Collected**	: 05/12/22 17:58
Client ID	: IA05	**Date Received**	: 05/13/22
Sample Location	: MASPETH, NY	**Date Analyzed**	: 05/18/22 23:47
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TS
Lab File ID	: R322206	**Instrument ID**	: AIRPIANO3
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Lab ID	: L2225590-11	**Date Collected**	: 05/12/22 17:30
Client ID	: AA01	**Date Received**	: 05/13/22
Sample Location	: MASPETH, NY	**Date Analyzed**	: 05/18/22 18:56
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TS
Lab File ID	: R322199	**Instrument ID**	: AIRPIANO3
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.623	0.200	--	3.08	0.989	--	
74-87-3	Chloromethane	0.721	0.200	--	1.49	0.413	--	
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	5.73	5.00	--	10.8	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	4.39	1.00	--	10.4	2.38	--	
75-69-4	Trichlorofluoromethane	0.319	0.200	--	1.79	1.12	--	
67-63-0	Isopropanol	1.12	0.500	--	2.75	1.23	--	
75-65-0	Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--	U
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	ND	0.500	--	ND	1.47	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	ND	0.200	--	ND	0.705	--	U
71-43-2	Benzene	ND	0.200	--	ND	0.639	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Lab ID	: L2225590-11	**Date Collected**	: 05/12/22 17:30
Client ID	: AA01	**Date Received**	: 05/13/22
Sample Location	: MASPETH, NY	**Date Analyzed**	: 05/18/22 18:56
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TS
Lab File ID	: R322199	**Instrument ID**	: AIRPIANO3
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	ND	0.200	--	ND	0.820	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	0.478	0.200	--	1.80	0.754	--	
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	ND	0.200	--	ND	0.869	--	U
179601-23-1	p/m-Xylene	ND	0.400	--	ND	1.74	--	U
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	ND	0.200	--	ND	0.869	--	U
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Lab ID	: L2225590-11	**Date Collected**	: 05/12/22 17:30
Client ID	: AA01	**Date Received**	: 05/13/22
Sample Location	: MASPETH, NY	**Date Analyzed**	: 05/18/22 18:56
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TS
Lab File ID	: R322199	**Instrument ID**	: AIRPIANO3
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Lab ID	: WG1640147-4	**Date Collected**	: NA
Client ID	: WG1640147-4BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 05/18/22 16:03
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TS
Lab File ID	: R322196	**Instrument ID**	: AIRPIANO3
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
75-71-8	Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--	U
74-87-3	Chloromethane	ND	0.200	--	ND	0.413	--	U
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
75-01-4	Vinyl chloride	ND	0.200	--	ND	0.511	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	ND	5.00	--	ND	9.42	--	U
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	ND	1.00	--	ND	2.38	--	U
75-69-4	Trichlorofluoromethane	ND	0.200	--	ND	1.12	--	U
67-63-0	Isopropanol	ND	0.500	--	ND	1.23	--	U
75-35-4	1,1-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-65-0	Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--	U
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	ND	0.500	--	ND	1.47	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Lab ID	: WG1640147-4	**Date Collected**	: NA
Client ID	: WG1640147-4BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 05/18/22 16:03
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TS
Lab File ID	: R322196	**Instrument ID**	: AIRPIANO3
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	ND	0.200	--	ND	0.705	--	U
71-55-6	1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--	U
71-43-2	Benzene	ND	0.200	--	ND	0.639	--	U
56-23-5	Carbon tetrachloride	ND	0.200	--	ND	1.26	--	U
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
79-01-6	Trichloroethene	ND	0.200	--	ND	1.07	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	ND	0.200	--	ND	0.820	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	ND	0.200	--	ND	0.754	--	U
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
127-18-4	Tetrachloroethene	ND	0.200	--	ND	1.36	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	ND	0.200	--	ND	0.869	--	U
179601-23-1	p/m-Xylene	ND	0.400	--	ND	1.74	--	U
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Lab ID	: WG1640147-4	**Date Collected**	: NA
Client ID	: WG1640147-4BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 05/18/22 16:03
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TS
Lab File ID	: R322196	**Instrument ID**	: AIRPIANO3
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	ND	0.200	--	ND	0.869	--	U
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Langan Engineering & Environmental	Lab Number	: L2225590
Project Name	: 57-00, 57-05 47TH ST	Project Number	: 100965503
Lab ID	: WG1640147-5	Date Collected	: 05/12/22 17:58
Client ID	: IA05DUP	Date Received	: 05/13/22
Sample Location	:	Date Analyzed	: 05/19/22 00:26
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: TS
Lab File ID	: R322207	Instrument ID	: AIRPIANO3
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.620	0.200	--	3.07	0.989	--	
74-87-3	Chloromethane	1.24	0.200	--	2.56	0.413	--	
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	7.59	5.00	--	14.3	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	4.93	1.00	--	11.7	2.38	--	
75-69-4	Trichlorofluoromethane	0.310	0.200	--	1.74	1.12	--	
67-63-0	Isopropanol	3.31	0.500	--	8.14	1.23	--	
75-65-0	Tertiary butyl Alcohol	5.59	0.500	--	16.9	1.52	--	
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	ND	0.500	--	ND	1.47	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	0.426	0.200	--	1.50	0.705	--	
71-43-2	Benzene	0.237	0.200	--	0.757	0.639	--	

Results Summary
Form 1
Volatile Organics in Air

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Lab ID	: WG1640147-5	**Date Collected**	: 05/12/22 17:58
Client ID	: IA05DUP	**Date Received**	: 05/13/22
Sample Location	:	**Date Analyzed**	: 05/19/22 00:26
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TS
Lab File ID	: R322207	**Instrument ID**	: AIRPIANO3
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
540-84-1	2,2,4-Trimethylpentane	0.256	0.200	--	1.20	0.934	--	
142-82-5	Heptane	0.206	0.200	--	0.844	0.820	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	2.10	0.200	--	7.91	0.754	--	
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	ND	0.200	--	ND	0.869	--	U
179601-23-1	p/m-Xylene	0.531	0.400	--	2.31	1.74	--	
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	0.213	0.200	--	0.925	0.869	--	
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Lab ID	: WG1640147-5	**Date Collected**	: 05/12/22 17:58
Client ID	: IA05DUP	**Date Received**	: 05/13/22
Sample Location	:	**Date Analyzed**	: 05/19/22 00:26
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TS
Lab File ID	: R322207	**Instrument ID**	: AIRPIANO3
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Lab ID	: WG1640711-4	**Date Collected**	: NA
Client ID	: WG1640711-4BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 05/19/22 16:38
Sample Matrix	: SOIL_VAPOR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TS
Lab File ID	: R322227	**Instrument ID**	: AIRPIANO3
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
75-71-8	Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--	U
74-87-3	Chloromethane	ND	0.200	--	ND	0.413	--	U
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
75-01-4	Vinyl chloride	ND	0.200	--	ND	0.511	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	ND	5.00	--	ND	9.42	--	U
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	ND	1.00	--	ND	2.38	--	U
75-69-4	Trichlorofluoromethane	ND	0.200	--	ND	1.12	--	U
67-63-0	Isopropanol	ND	0.500	--	ND	1.23	--	U
75-35-4	1,1-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-65-0	Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--	U
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	ND	0.500	--	ND	1.47	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Lab ID	: WG1640711-4	**Date Collected**	: NA
Client ID	: WG1640711-4BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 05/19/22 16:38
Sample Matrix	: SOIL_VAPOR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TS
Lab File ID	: R322227	**Instrument ID**	: AIRPIANO3
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	ND	0.200	--	ND	0.705	--	U
71-55-6	1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--	U
71-43-2	Benzene	ND	0.200	--	ND	0.639	--	U
56-23-5	Carbon tetrachloride	ND	0.200	--	ND	1.26	--	U
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
79-01-6	Trichloroethene	ND	0.200	--	ND	1.07	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	ND	0.200	--	ND	0.820	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	ND	0.200	--	ND	0.754	--	U
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
127-18-4	Tetrachloroethene	ND	0.200	--	ND	1.36	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	ND	0.200	--	ND	0.869	--	U
179601-23-1	p/m-Xylene	ND	0.400	--	ND	1.74	--	U
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Lab ID	: WG1640711-4	**Date Collected**	: NA
Client ID	: WG1640711-4BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 05/19/22 16:38
Sample Matrix	: SOIL_VAPOR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TS
Lab File ID	: R322227	**Instrument ID**	: AIRPIANO3
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	ND	0.200	--	ND	0.869	--	U
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Lab ID	: WG1640711-5	**Date Collected**	: 05/12/22 18:07
Client ID	: SSV04DUP	**Date Received**	: 05/13/22
Sample Location	:	**Date Analyzed**	: 05/19/22 21:34
Sample Matrix	: SOIL_VAPOR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TS
Lab File ID	: R322233	**Instrument ID**	: AIRPIANO3
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
75-71-8	Dichlorodifluoromethane	0.578	0.200	--	2.86	0.989	--	
74-87-3	Chloromethane	ND	0.200	--	ND	0.413	--	U
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
75-01-4	Vinyl chloride	0.242	0.200	--	0.619	0.511	--	
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	514	5.00	--	969E	9.42	--	E
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	901	1.00	--	2140E	2.38	--	E
75-69-4	Trichlorofluoromethane	0.413	0.200	--	2.32	1.12	--	
67-63-0	Isopropanol	103	0.500	--	253	1.23	--	
75-35-4	1,1-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-65-0	Tertiary butyl Alcohol	43.7	0.500	--	132	1.52	--	
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	12.2	0.200	--	38.0	0.623	--	
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	44.8	0.500	--	132	1.47	--	
156-59-2	cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	11.7	0.500	--	34.5	1.47	--	

Results Summary
Form 1
Volatile Organics in Air

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Lab ID	: WG1640711-5	**Date Collected**	: 05/12/22 18:07
Client ID	: SSV04DUP	**Date Received**	: 05/13/22
Sample Location	:	**Date Analyzed**	: 05/19/22 21:34
Sample Matrix	: SOIL_VAPOR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TS
Lab File ID	: R322233	**Instrument ID**	: AIRPIANO3
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	1.54	0.200	--	5.43	0.705	--	
71-55-6	1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--	U
71-43-2	Benzene	0.499	0.200	--	1.59	0.639	--	
56-23-5	Carbon tetrachloride	ND	0.200	--	ND	1.26	--	U
110-82-7	Cyclohexane	1.48	0.200	--	5.09	0.688	--	
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	8.05	0.200	--	29.0	0.721	--	
79-01-6	Trichloroethene	ND	0.200	--	ND	1.07	--	U
540-84-1	2,2,4-Trimethylpentane	0.906	0.200	--	4.23	0.934	--	
142-82-5	Heptane	2.10	0.200	--	8.61	0.820	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	8.36	0.500	--	34.3	2.05	--	
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	12.4	0.200	--	46.7	0.754	--	
591-78-6	2-Hexanone	3.03	0.200	--	12.4	0.820	--	
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
127-18-4	Tetrachloroethene	7.39	0.200	--	50.1	1.36	--	
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	1.00	0.200	--	4.34	0.869	--	
179601-23-1	p/m-Xylene	3.85	0.400	--	16.7	1.74	--	
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Lab ID	: WG1640711-5	**Date Collected**	: 05/12/22 18:07
Client ID	: SSV04DUP	**Date Received**	: 05/13/22
Sample Location	:	**Date Analyzed**	: 05/19/22 21:34
Sample Matrix	: SOIL_VAPOR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TS
Lab File ID	: R322233	**Instrument ID**	: AIRPIANO3
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	1.69	0.200	--	7.34	0.869	--	
622-96-8	4-Ethyltoluene	0.768	0.200	--	3.78	0.983	--	
108-67-8	1,3,5-Trimethylbenzene	1.33	0.200	--	6.54	0.983	--	
95-63-6	1,2,4-Trimethylbenzene	4.54	0.200	--	22.3	0.983	--	
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Lab ID	: WG1640711-5D	**Date Collected**	: 05/12/22 18:07
Client ID	: SSV04DUP	**Date Received**	: 05/13/22
Sample Location	:	**Date Analyzed**	: 05/20/22 08:10
Sample Matrix	: SOIL_VAPOR	**Dilution Factor**	: 8.333
Analytical Method	: 48,TO-15	**Analyst**	: TS
Lab File ID	: R322249	**Instrument ID**	: AIRPIANO3
Sample Amount	: 30.0 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
67-64-1	Acetone	1950	8.33	--	4630	19.8	--	

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518T\
Data File : r322199.D
Acq On : 18 May 2022 6:56 PM
Operator : AIRPIANO3:TS
Sample : L2225590-11,3,250,250
Misc : WG1640147,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 19 17:51:56 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0518T\r322194.D
Sub List : TO15-NY-7-SIM - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.542	49	405200	10.000	ppbV	-0.03
Standard Area = 443368			Recovery =		91.39%	
43) 1,4-difluorobenzene	11.820	114	1211673	10.000	ppbV	-0.02
Standard Area = 1337389			Recovery =		90.60%	
67) chlorobenzene-D5	16.567	54	193031	10.000	ppbV	-0.02
Standard Area = 206902			Recovery =		93.30%	
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	3.946	85	19852	0.623	ppbV	99
6) chloromethane	4.126	50	11046	0.721	ppbV	100
7) Freon-114	4.252		0	N.D.		
10) 1,3-butadiene	4.552		0	N.D.		
13) bromomethane	0.000		0	N.D.		
14) chloroethane	0.000		0	N.D.		
15) ethanol	5.270	31	89133	5.726	ppbV	97
17) vinyl bromide	0.000		0	N.D.		
19) acetone	5.843	43	97489	4.392	ppbV #	94
21) trichlorofluoromethane	6.037	101	9242	0.319	ppbV	99
22) isopropyl alcohol	6.187	45	29961	1.122	ppbV	99
27) tertiary butyl alcohol	6.938		0	N.D.		
28) methylene chloride	6.980	49	4513	0.179	ppbV	96
29) 3-chloropropene	7.040		0	N.D.		
30) carbon disulfide	7.274		0	N.D.		
31) Freon 113	7.316	101	2645	0.082	ppbV	90
32) trans-1,2-dichloroethene	0.000		0	N.D.		
33) 1,1-dichloroethane	0.000		0	N.D.		
34) MTBE	0.000		0	N.D.		
36) 2-butanone	8.867	43	11137	0.276	ppbV	98
38) Ethyl Acetate	9.675	61	543	0.083	ppbV	84
39) chloroform	9.700		0	N.D.		
40) Tetrahydrofuran	10.208		0	N.D.		
42) 1,2-dichloroethane	0.000		0	N.D.		
44) hexane	9.617	57	5343	0.155	ppbV #	45
50) benzene	11.380	78	10593	0.149	ppbV	97
53) cyclohexane	11.693		0	N.D.		

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518T\
Data File : r322199.D
Acq On : 18 May 2022 6:56 PM
Operator : AIRPIANO3:TS
Sample : L2225590-11,3,250,250
Misc : WG1640147,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 19 17:51:56 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0518T\r322194.D
Sub List : TO15-NY-7-SIM - .

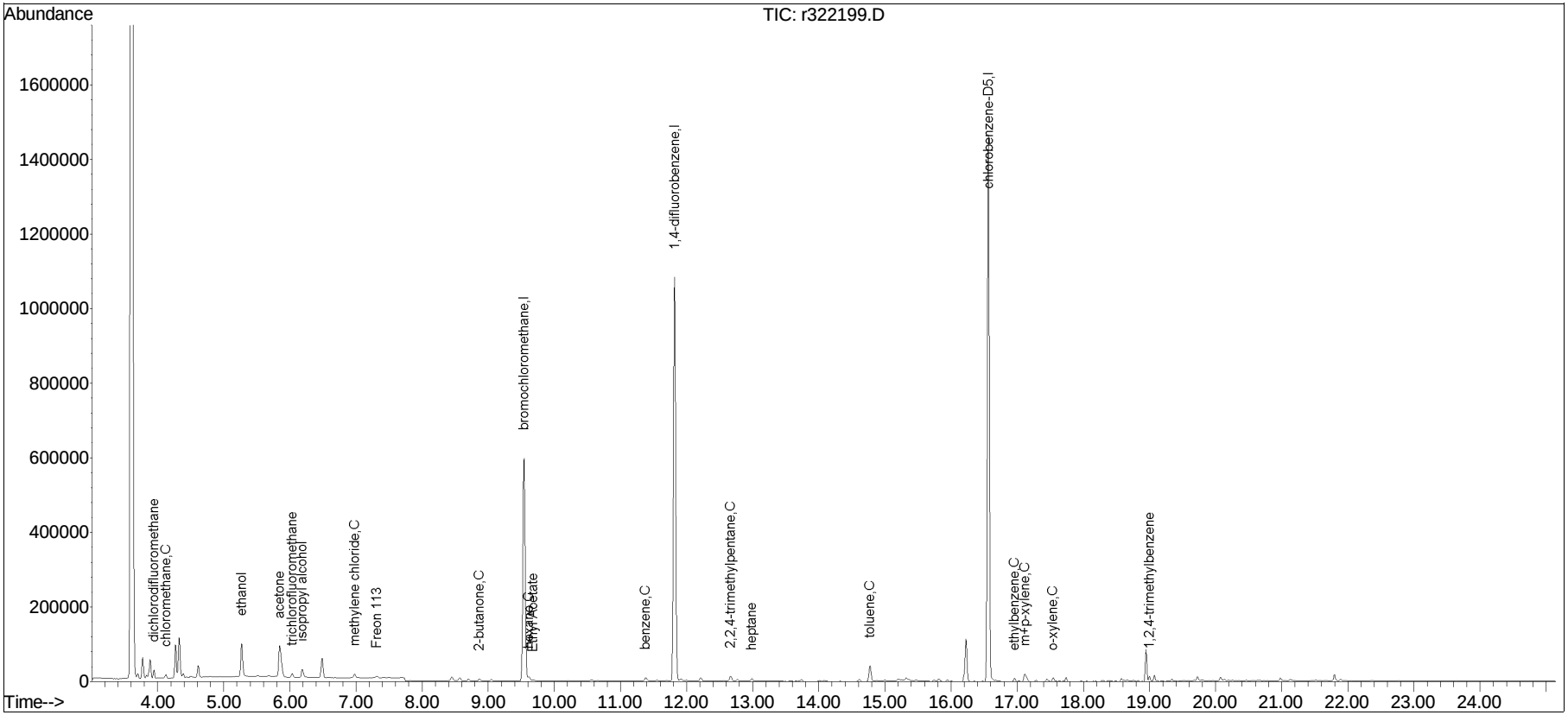
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) 1,2-dichloropropane	0.000		0	N.D.		
57) bromodichloromethane	0.000		0	N.D.		
58) 1,4-dioxane	0.000		0	N.D.		
60) 2,2,4-trimethylpentane	12.667	57	16692	0.156	ppbV #	92
62) heptane	12.987	43	4811	0.121	ppbV	94
63) cis-1,3-dichloropropene	0.000		0	N.D.		
64) 4-methyl-2-pentanone	13.717		0	N.D.		
65) trans-1,3-dichloropropene	0.000		0	N.D.		
66) 1,1,2-trichloroethane	0.000		0	N.D.		
68) toluene	14.775	91	34684	0.478	ppbV	99
72) 2-hexanone	15.108		0	N.D.		
74) dibromochloromethane	0.000		0	N.D.		
75) 1,2-dibromoethane	0.000		0	N.D.		
80) chlorobenzene	0.000		0	N.D.		
81) ethylbenzene	16.958	91	7567	0.087	ppbV	98
83) m+p-xylene	17.117	91	18154	0.255	ppbV	99
84) bromoform	0.000		0	N.D.		
85) styrene	17.458		0	N.D.		
86) 1,1,2,2-tetrachloroethane	0.000		0	N.D.		
87) o-xylene	17.542	91	7141	0.101	ppbV	92
96) 4-ethyl toluene	18.608		0	N.D.		
97) 1,3,5-trimethylbenzene	18.667		0	N.D.		
99) 1,2,4-trimethylbenzene	19.000	105	8371	0.097	ppbV #	54
101) Benzyl Chloride	19.000		0	N.D.		
102) 1,3-dichlorobenzene	19.183		0	N.D.		
103) 1,4-dichlorobenzene	19.183		0	N.D.		
107) 1,2-dichlorobenzene	0.000		0	N.D.		
115) 1,2,4-trichlorobenzene	0.000		0	N.D.		
119) hexachlorobutadiene	0.000		0	N.D.		

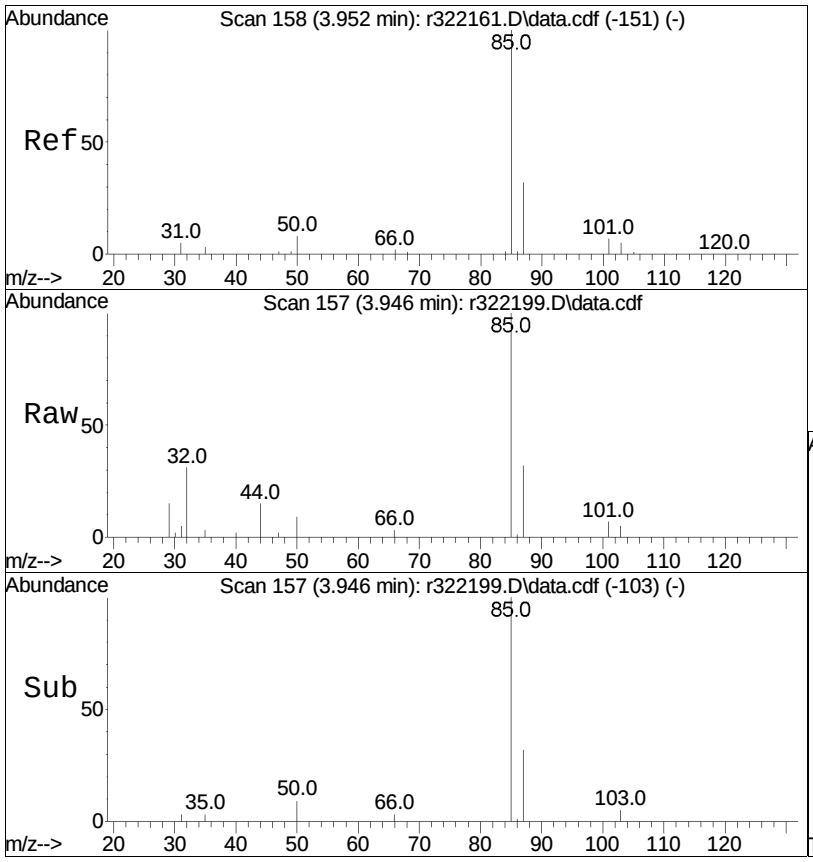
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : TO15-NY-7-SIM - .\Airpiano3\2022\05\0518T\r322194.D

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518T\
Data File : r322199.D
Acq On : 18 May 2022 6:56 PM
Operator : AIRPIANO3:TS
Sample : L2225590-11,3,250,250
Misc : WG1640147,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 19 17:51:56 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

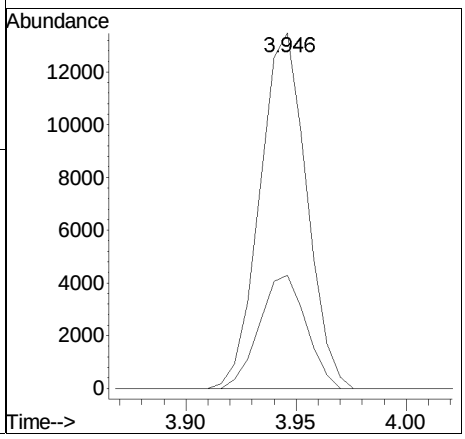


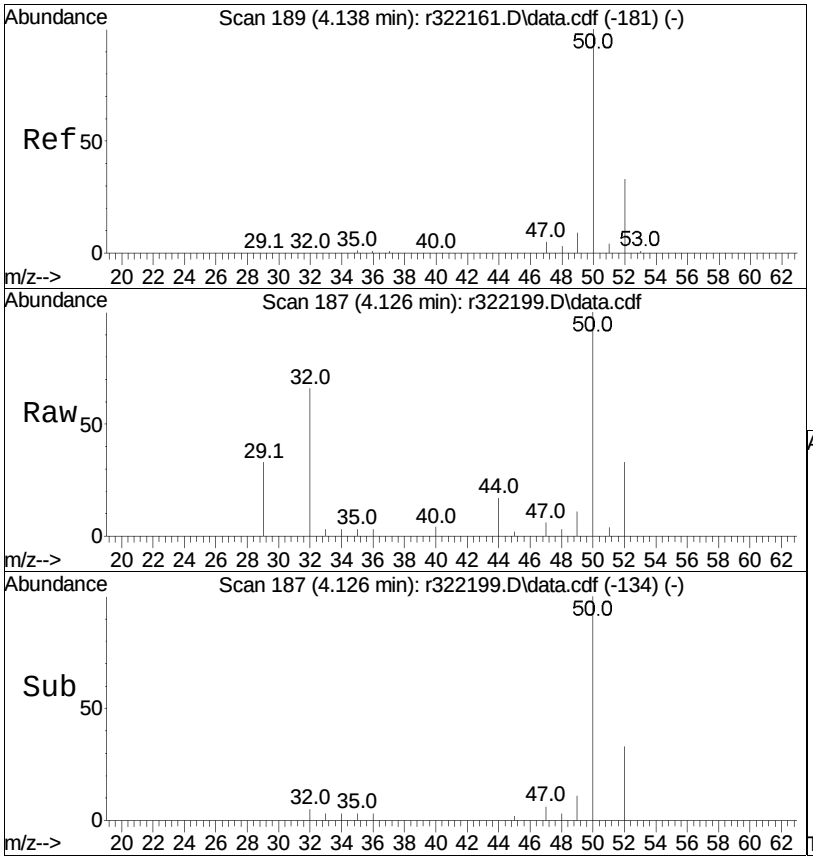


#5
dichlorodifluoromethane
Concen: 0.62 ppbV
RT: 3.946 min Scan# 157
Delta R.T. -0.006 min
Lab File: r322199.D
Acq: 18 May 2022 6:56 PM

Tgt Ion: 85 Resp: 19852

Ion	Ratio	Lower	Upper
85	100		
87	31.9	25.8	38.6

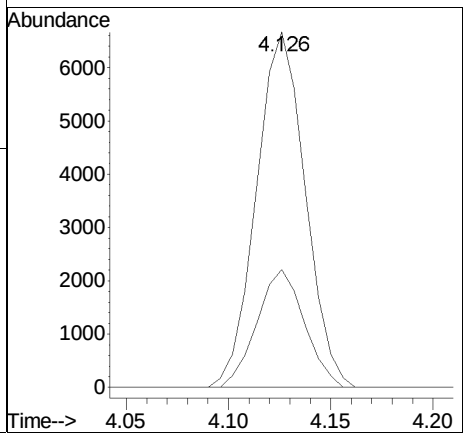


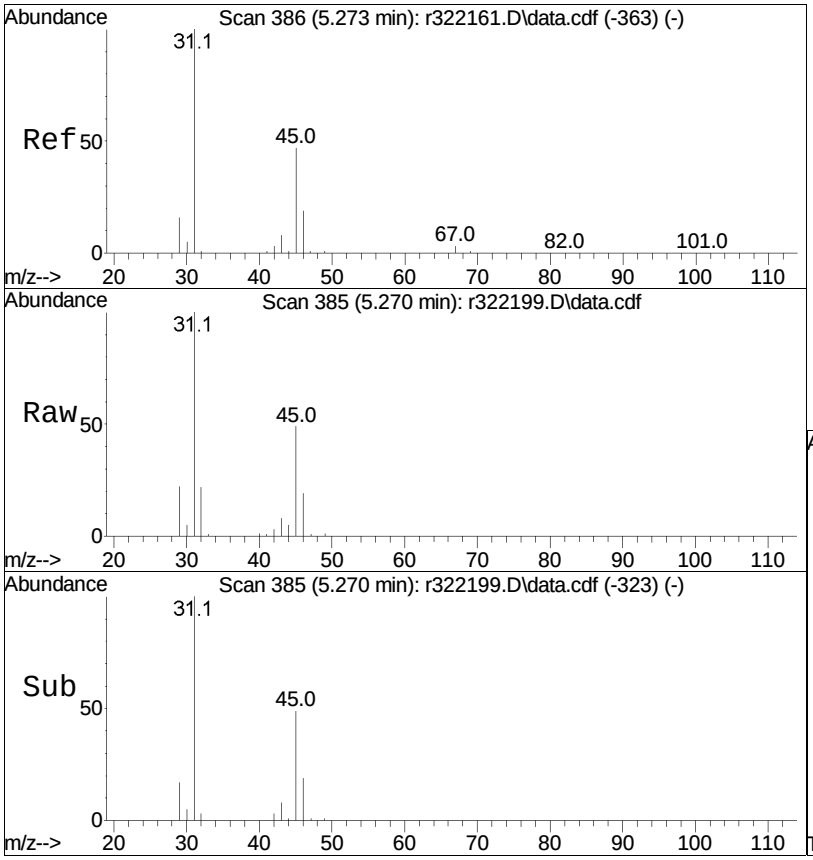


#6
chloromethane
Concen: 0.72 ppbV
RT: 4.126 min Scan# 187
Delta R.T. -0.012 min
Lab File: r322199.D
Acq: 18 May 2022 6:56 PM

Tgt Ion: 50 Resp: 11046

Ion	Ratio	Lower	Upper
50	100		
52	33.2	26.3	39.5

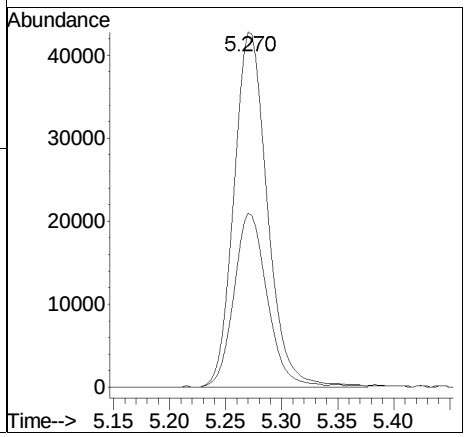


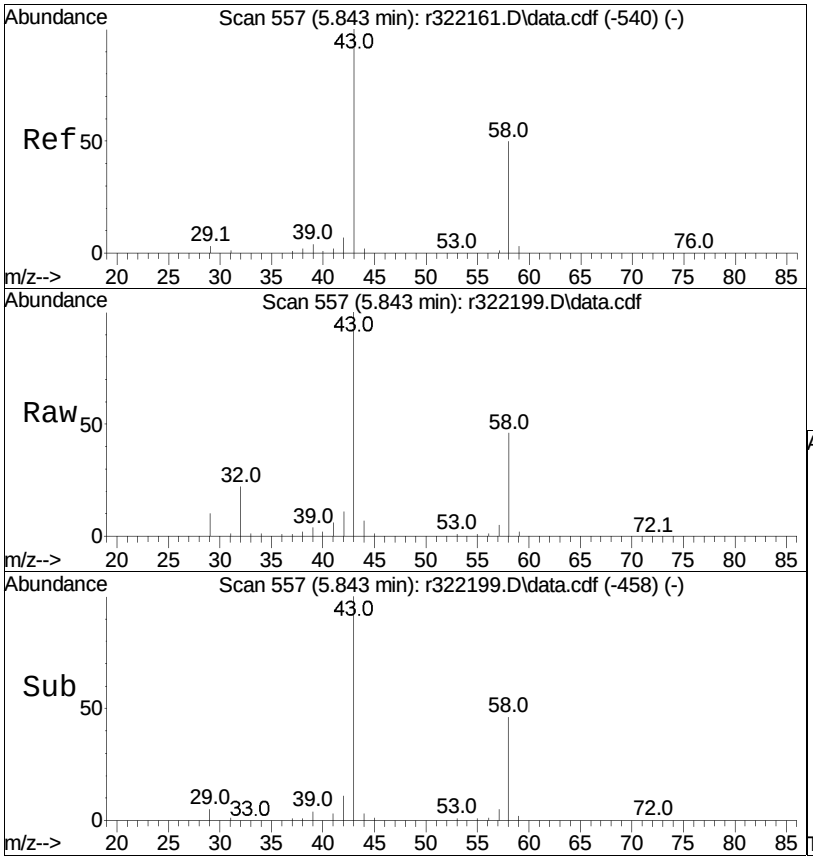


#15
ethanol
Concen: 5.73 ppbV
RT: 5.270 min Scan# 385
Delta R.T. -0.003 min
Lab File: r322199.D
Acq: 18 May 2022 6:56 PM

Tgt Ion: 31 Resp: 89133

Ion	Ratio	Lower	Upper
31	100		
45	49.1	37.6	56.4

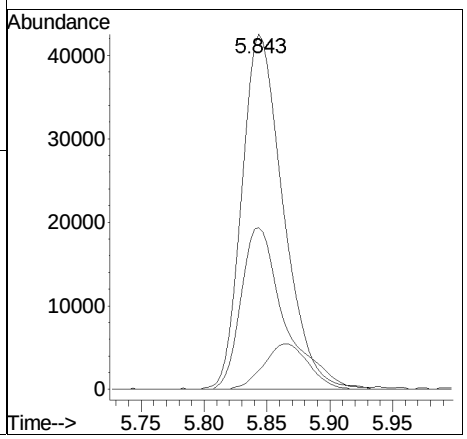


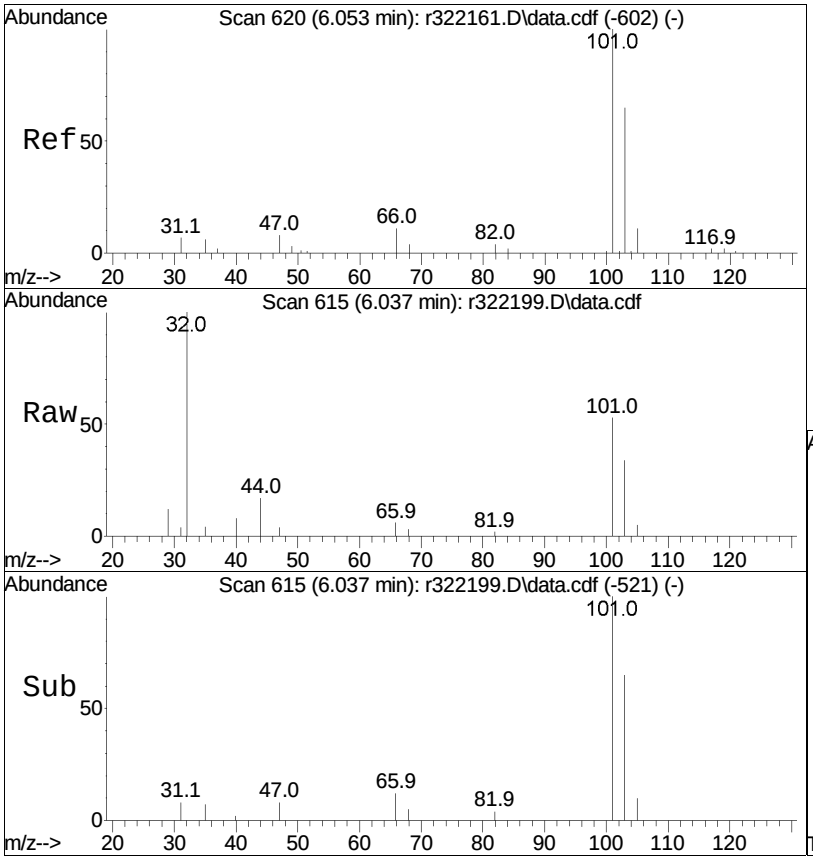


#19
acetone
Concen: 4.39 ppbV
RT: 5.843 min Scan# 557
Delta R.T. 0.000 min
Lab File: r322199.D
Acq: 18 May 2022 6:56 PM

Tgt Ion: 43 Resp: 97489

Ion	Ratio	Lower	Upper
43	100		
58	45.6	39.8	59.8
57	5.3	1.0	1.6#

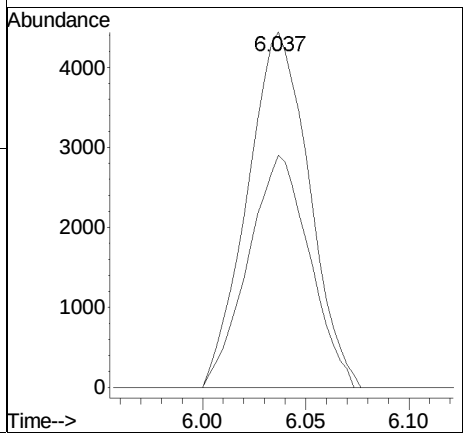


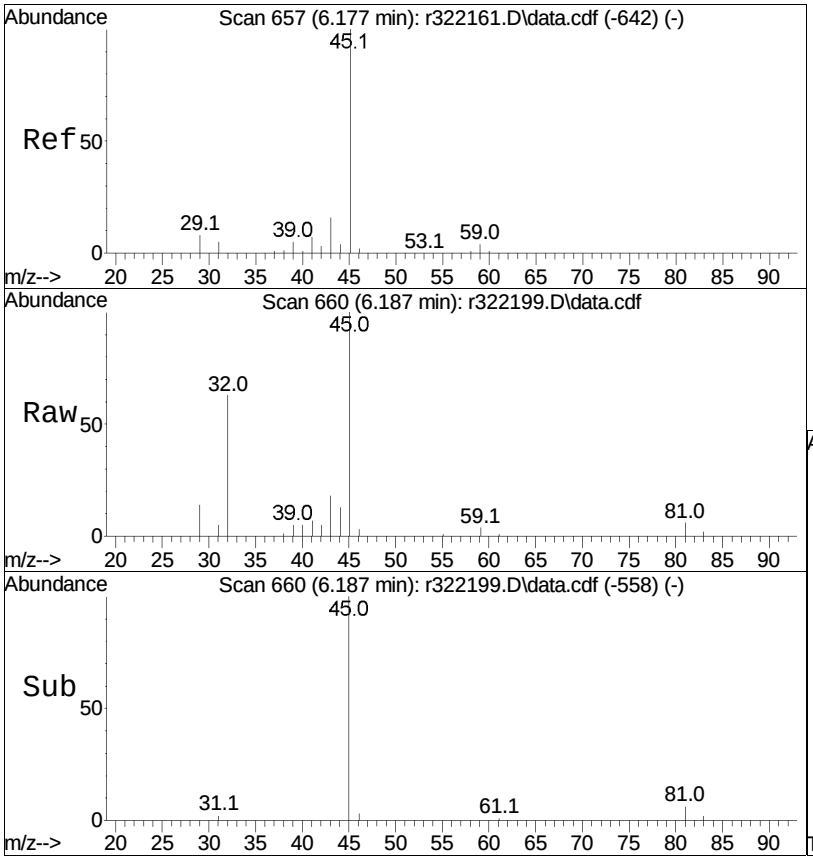


#21
trichlorofluoromethane
Concen: 0.32 ppbV
RT: 6.037 min Scan# 615
Delta R.T. -0.017 min
Lab File: r322199.D
Acq: 18 May 2022 6:56 PM

Tgt Ion:101 Resp: 9242

Ion	Ratio	Lower	Upper
101	100		
103	65.3	51.8	77.6

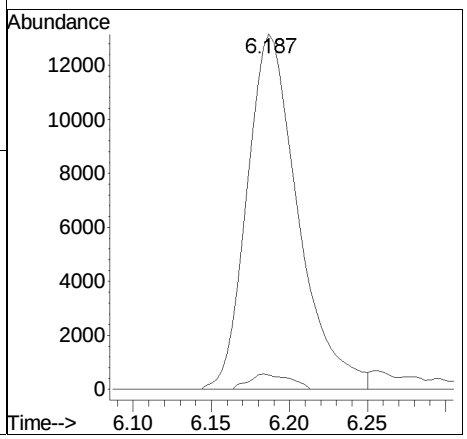


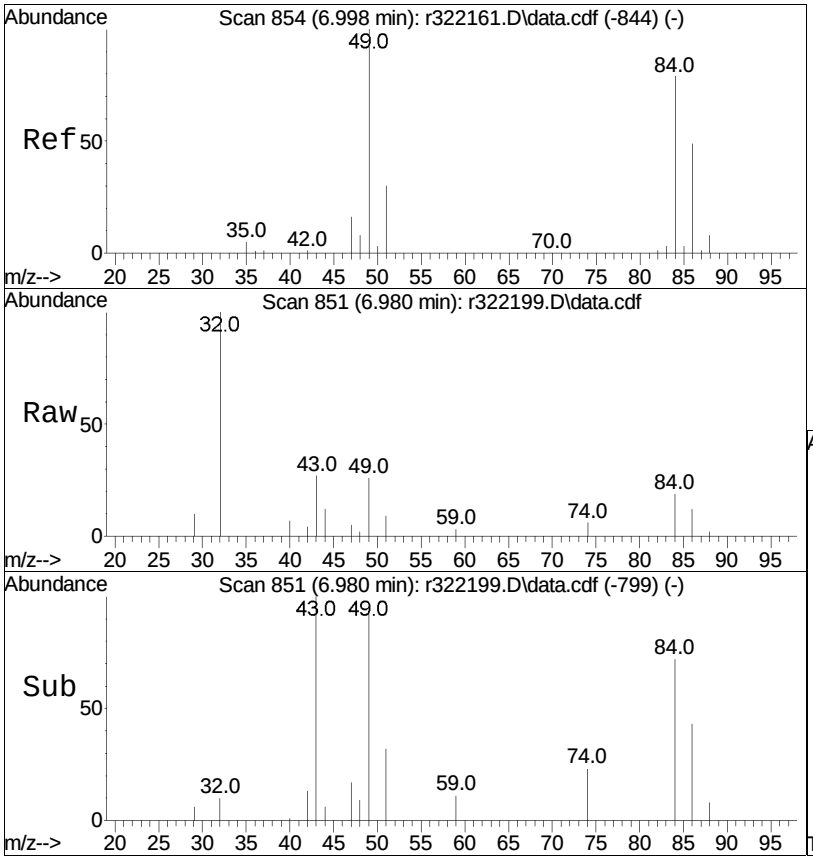


#22
isopropyl alcohol
Concen: 1.12 ppbV
RT: 6.187 min Scan# 660
Delta R.T. 0.010 min
Lab File: r322199.D
Acq: 18 May 2022 6:56 PM

Tgt Ion: 45 Resp: 29961

Ion	Ratio	Lower	Upper
45	100		
59	4.1	3.5	5.3

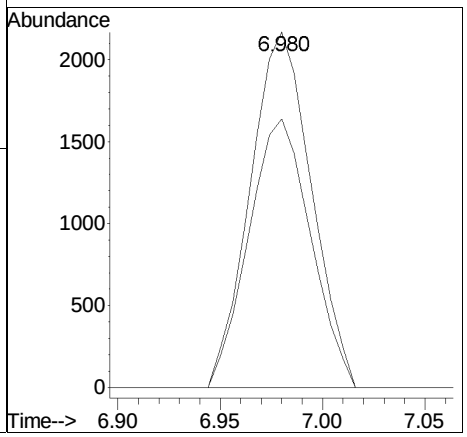


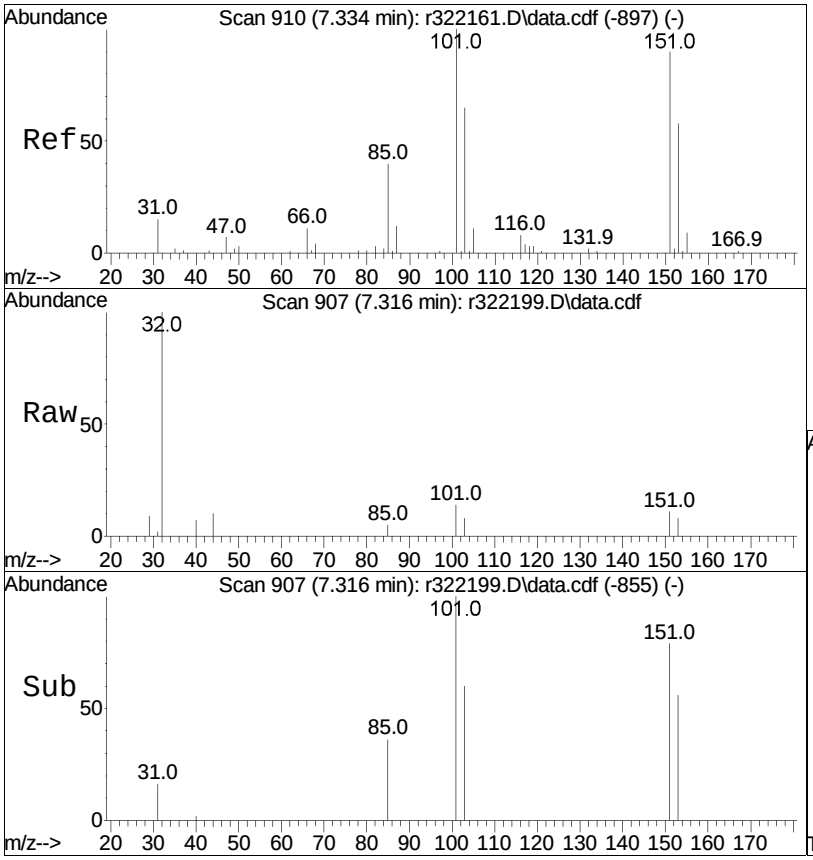


#28
methylene chloride
Concen: 0.18 ppbV
RT: 6.980 min Scan# 851
Delta R.T. -0.018 min
Lab File: r322199.D
Acq: 18 May 2022 6:56 PM

Tgt Ion: 49 Resp: 4513

Ion	Ratio	Lower	Upper
49	100		
84	75.6	63.0	94.6

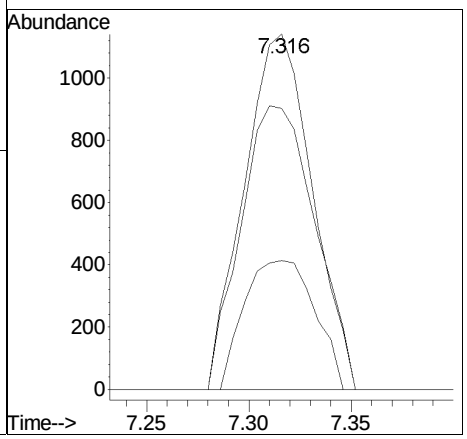


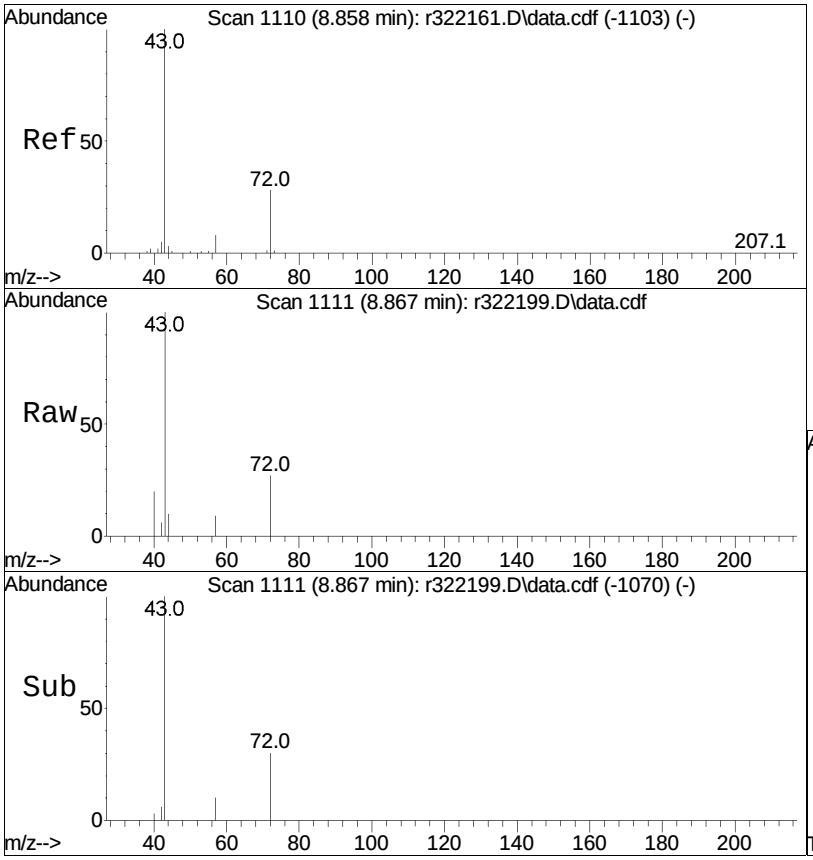


#31
Freon 113
Concen: 0.08 ppbV
RT: 7.316 min Scan# 907
Delta R.T. -0.018 min
Lab File: r322199.D
Acq: 18 May 2022 6:56 PM

Tgt Ion:101 Resp: 2645

Ion	Ratio	Lower	Upper
101	100		
85	36.3	31.8	47.8
151	79.1	72.2	108.4

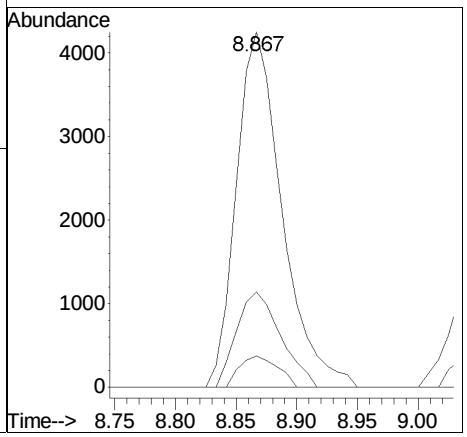


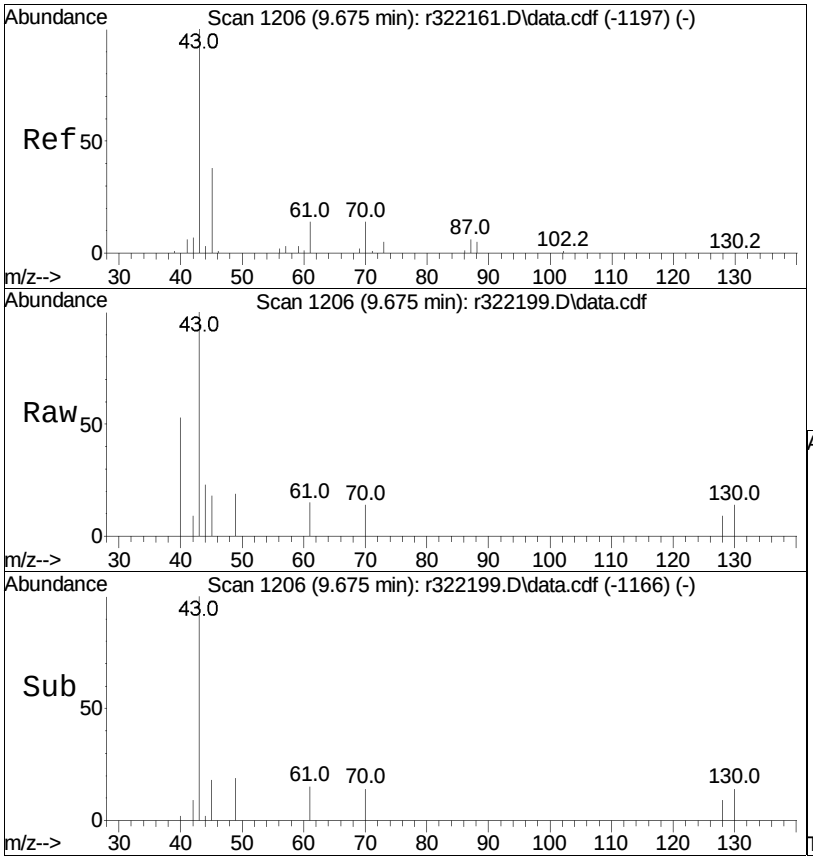


#36
2-butanone
Concen: 0.28 ppbV
RT: 8.867 min Scan# 1111
Delta R.T. 0.008 min
Lab File: r322199.D
Acq: 18 May 2022 6:56 PM

Tgt Ion: 43 Resp: 11137

Ion	Ratio	Lower	Upper
43	100		
72	26.8	22.6	33.8
57	8.9	6.6	10.0

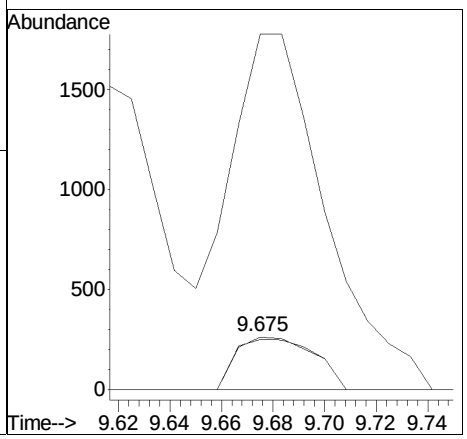


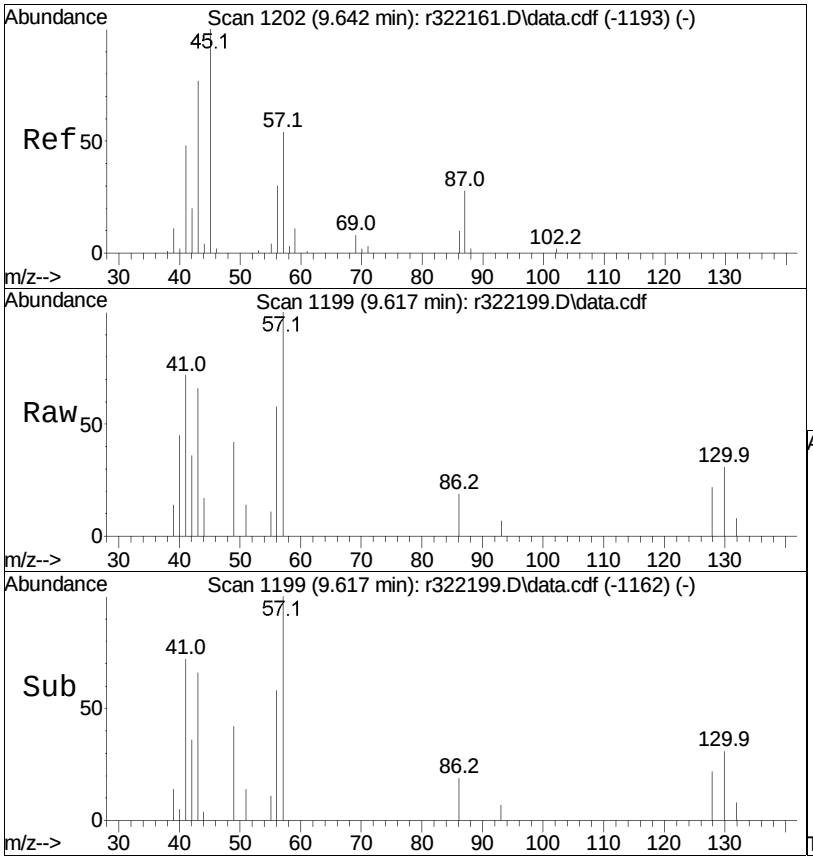


#38
Ethyl Acetate
Concen: 0.08 ppbV
RT: 9.675 min Scan# 1206
Delta R.T. 0.000 min
Lab File: r322199.D
Acq: 18 May 2022 6:56 PM

Tgt Ion: 61 Resp: 543

Ion	Ratio	Lower	Upper
61	100		
70	95.4	78.8	118.2
43	678.2	593.4	890.0

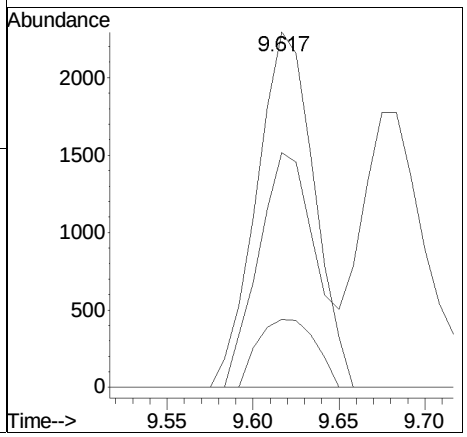


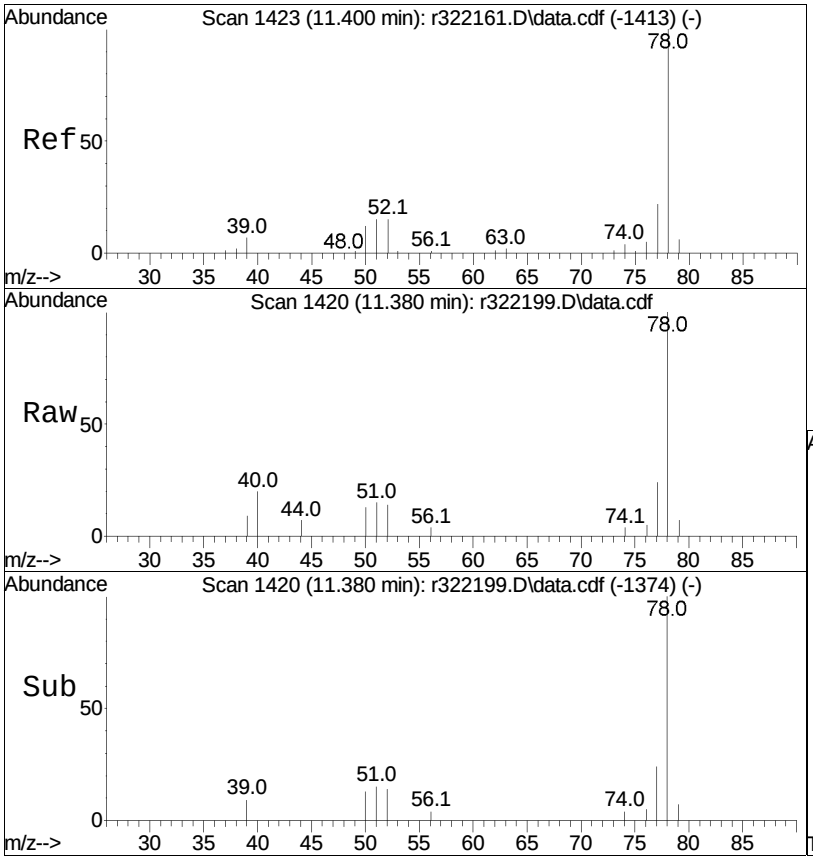


#44
hexane
Concen: 0.15 ppbV
RT: 9.617 min Scan# 1199
Delta R.T. -0.025 min
Lab File: r322199.D
Acq: 18 May 2022 6:56 PM

Tgt Ion: 57 Resp: 5343

Ion	Ratio	Lower	Upper
57	100		
43	66.1	115.0	172.6#
86	19.1	15.5	23.3

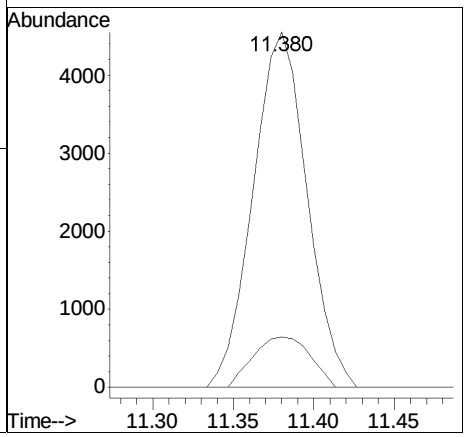


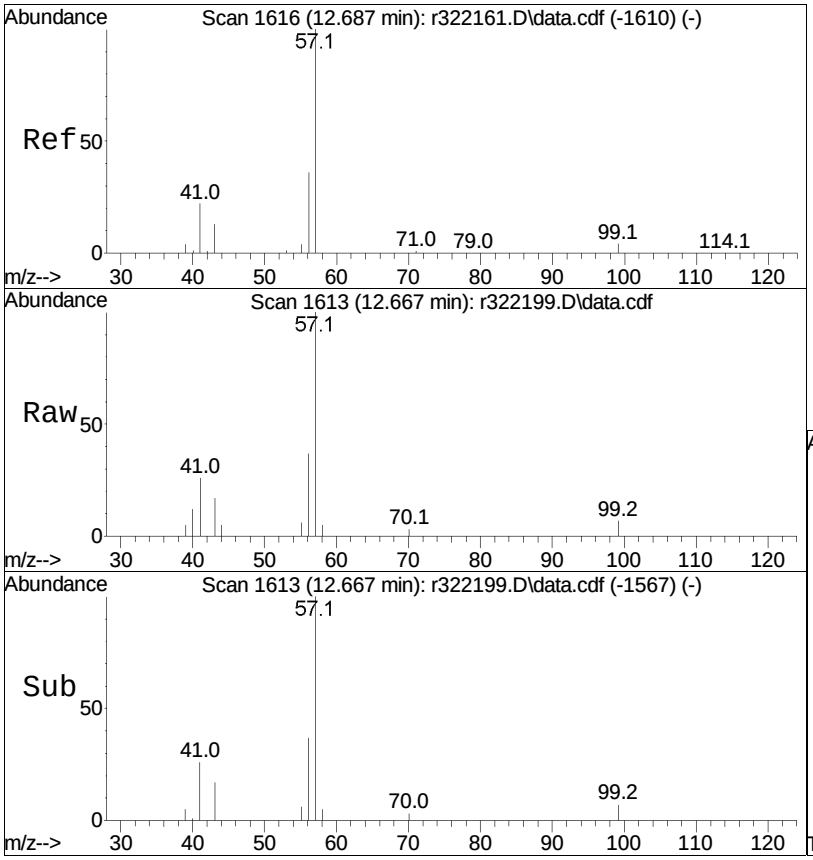


#50
benzene
Concen: 0.15 ppbV
RT: 11.380 min Scan# 1420
Delta R.T. -0.020 min
Lab File: r322199.D
Acq: 18 May 2022 6:56 PM

Tgt Ion: 78 Resp: 10593

Ion	Ratio	Lower	Upper
78	100		
52	14.1	12.2	18.2

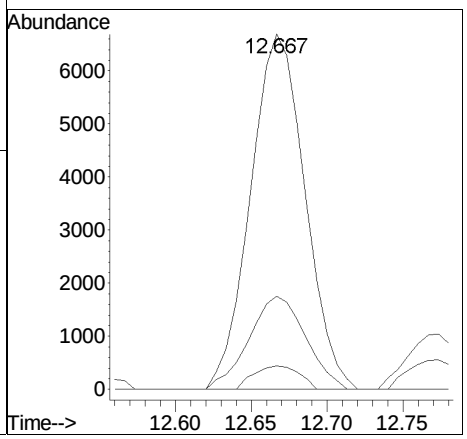


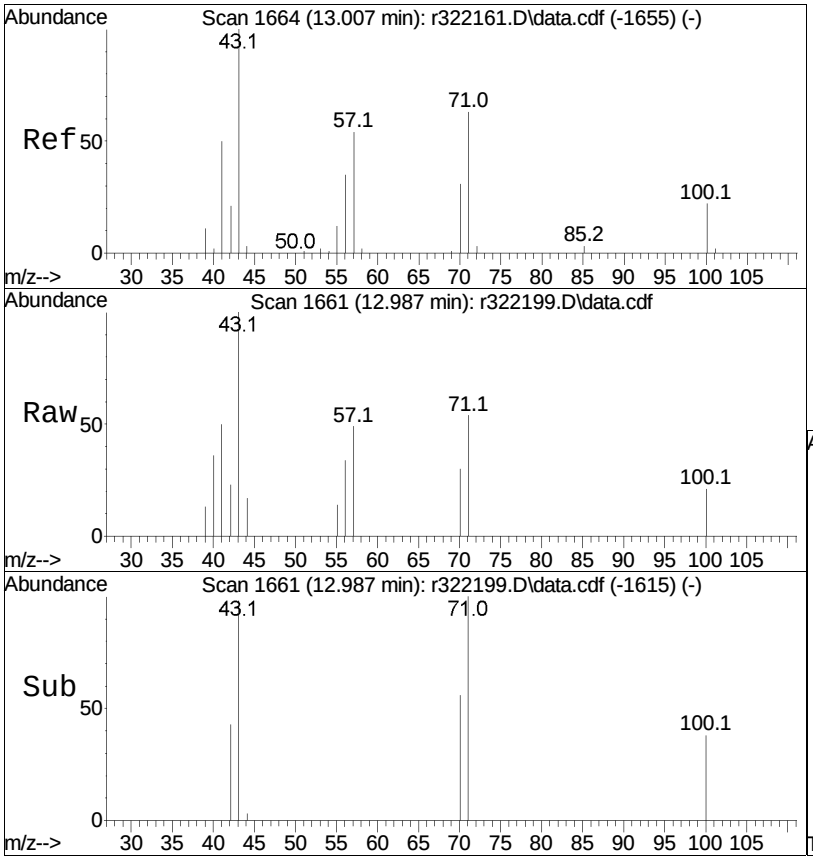


#60
2,2,4-trimethylpentane
Concen: 0.16 ppbV
RT: 12.667 min Scan# 1613
Delta R.T. -0.020 min
Lab File: r322199.D
Acq: 18 May 2022 6:56 PM

Tgt Ion: 57 Resp: 16692

Ion	Ratio	Lower	Upper
57	100		
99	6.6	5.0	7.4
41	26.2	17.4	26.2#

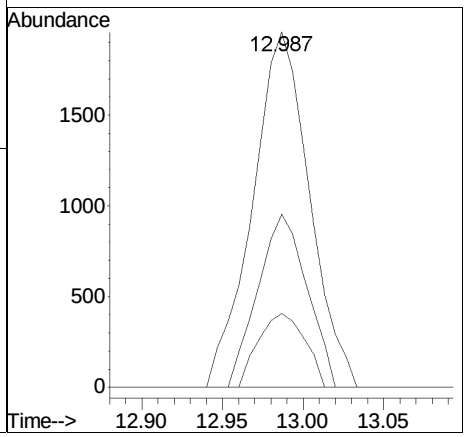


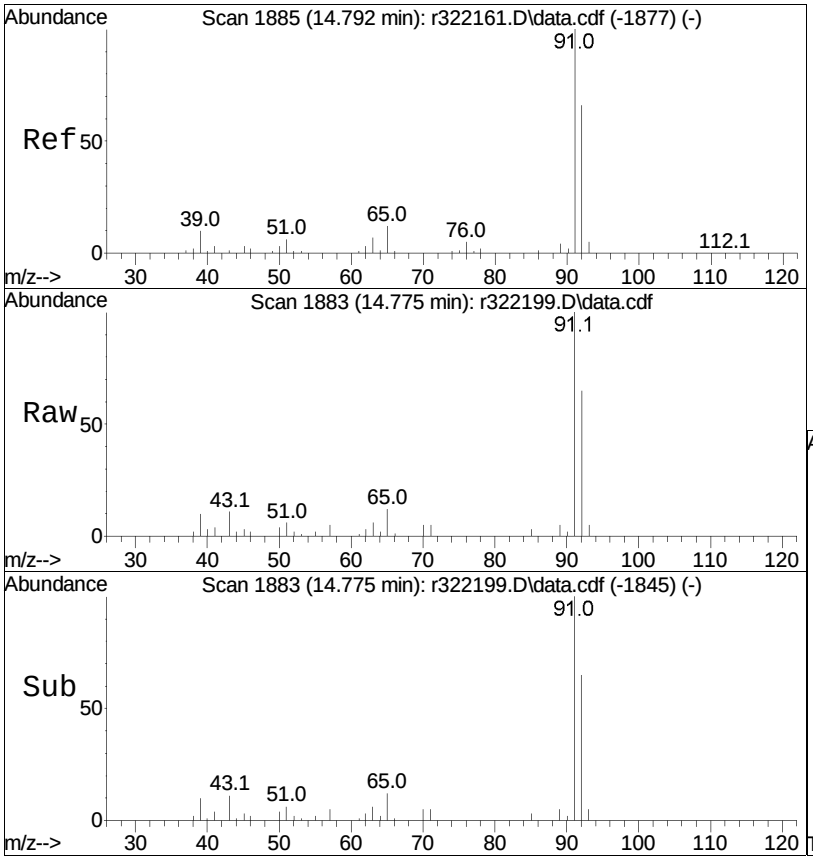


#62
heptane
Concen: 0.12 ppbV
RT: 12.987 min Scan# 1661
Delta R.T. -0.020 min
Lab File: r322199.D
Acq: 18 May 2022 6:56 PM

Tgt Ion: 43 Resp: 4811

Ion	Ratio	Lower	Upper
43	100		
57	48.7	43.0	64.4
100	20.8	17.6	26.4

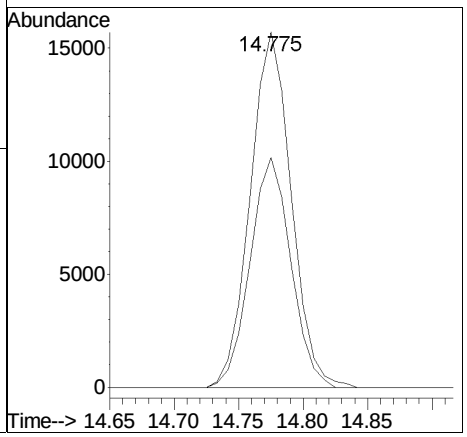


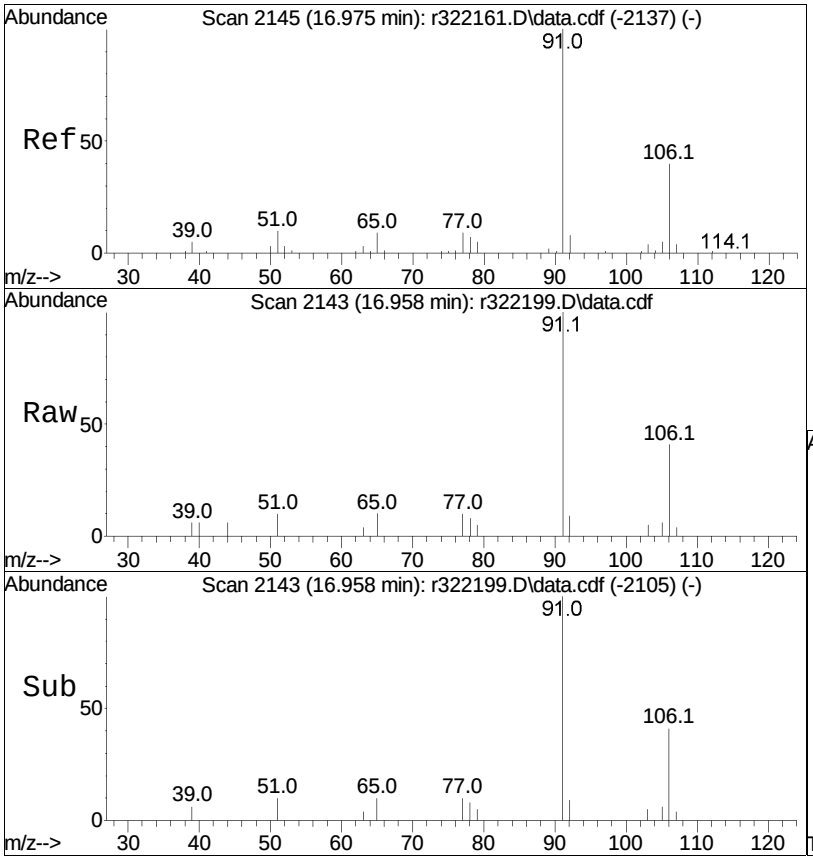


#68
toluene
Concen: 0.48 ppbV
RT: 14.775 min Scan# 1883
Delta R.T. -0.017 min
Lab File: r322199.D
Acq: 18 May 2022 6:56 PM

Tgt Ion: 91 Resp: 34684

Ion	Ratio	Lower	Upper
91	100		
92	64.7	52.7	79.1

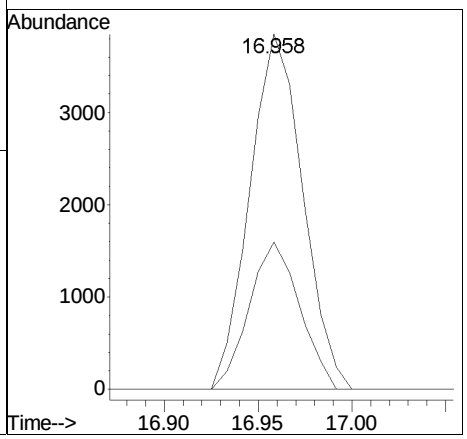


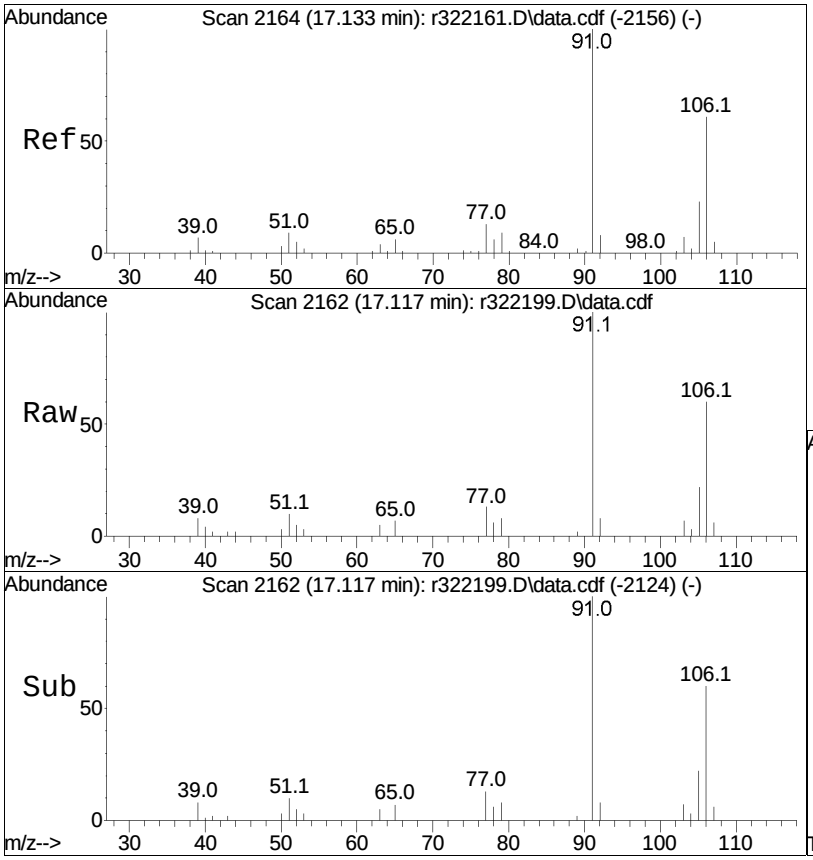


#81
ethylbenzene
Concen: 0.09 ppbV
RT: 16.958 min Scan# 2143
Delta R.T. -0.017 min
Lab File: r322199.D
Acq: 18 May 2022 6:56 PM

Tgt Ion: 91 Resp: 7567

Ion	Ratio	Lower	Upper
91	100		
106	41.5	32.4	48.6

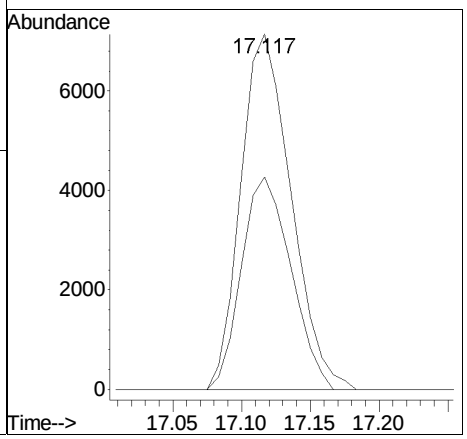


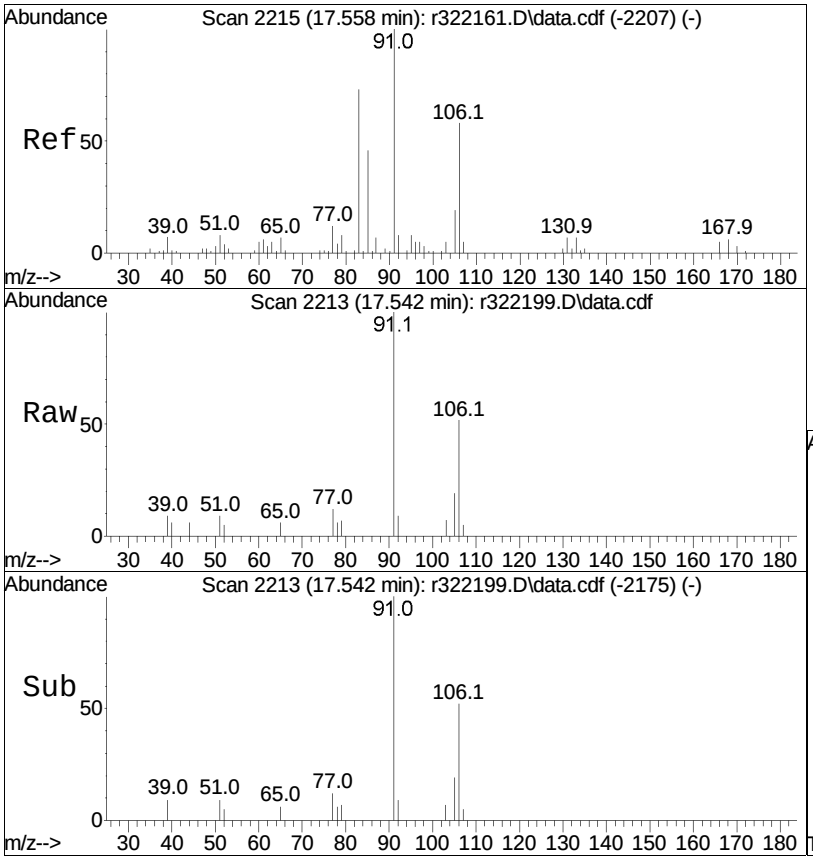


#83
m+p-xylene
Concen: 0.26 ppbV
RT: 17.117 min Scan# 2162
Delta R.T. -0.017 min
Lab File: r322199.D
Acq: 18 May 2022 6:56 PM

Tgt Ion: 91 Resp: 18154

Ion	Ratio	Lower	Upper
91	100		
106	59.8	48.4	72.6

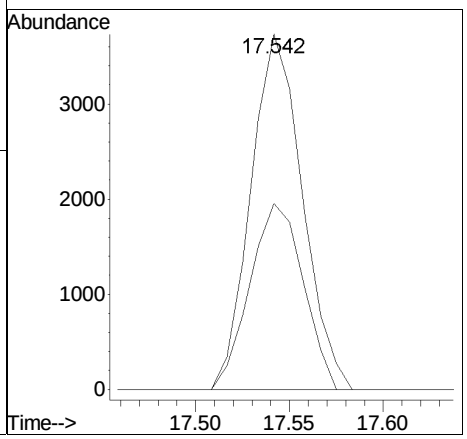


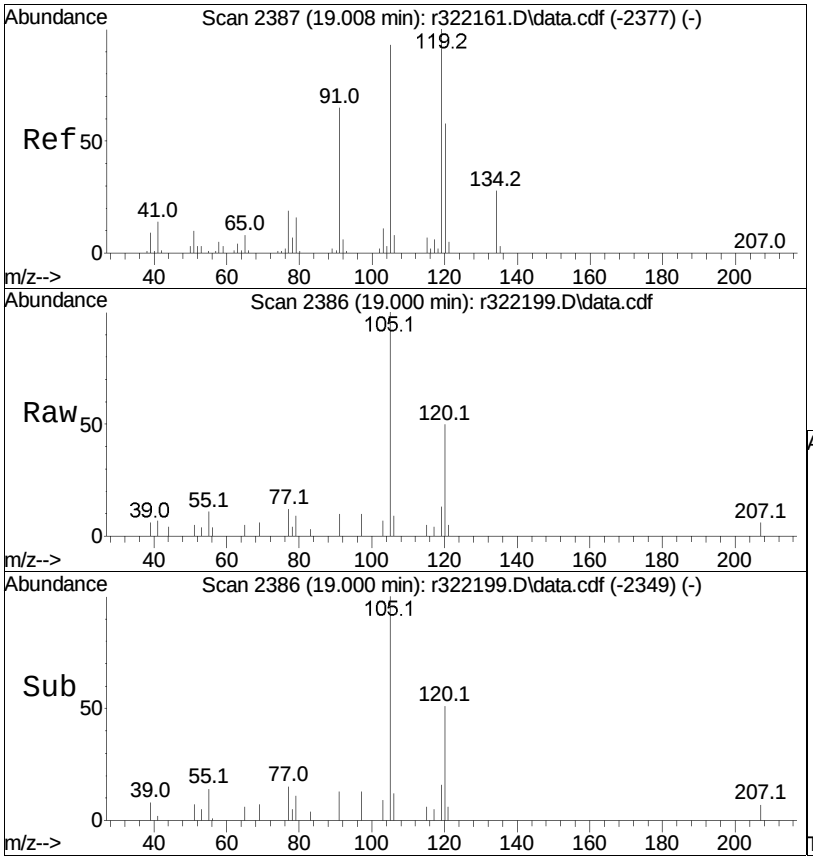


#87
o-xylene
Concen: 0.10 ppbV
RT: 17.542 min Scan# 2213
Delta R.T. -0.017 min
Lab File: r322199.D
Acq: 18 May 2022 6:56 PM

Tgt Ion: 91 Resp: 7141

Ion	Ratio	Lower	Upper
91	100		
106	52.3	46.4	69.6

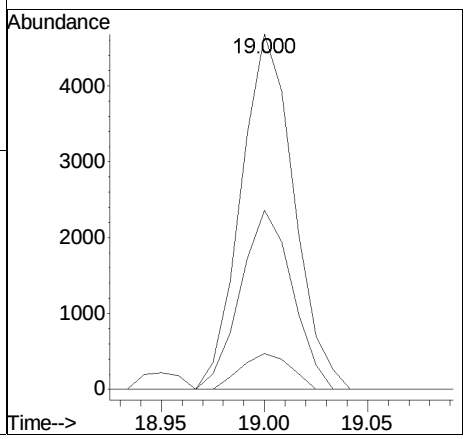




#99
1,2,4-trimethylbenzene
Concen: 0.10 ppbV
RT: 19.000 min Scan# 2386
Delta R.T. -0.008 min
Lab File: r322199.D
Acq: 18 May 2022 6:56 PM

Tgt Ion:105 Resp: 8371

Ion	Ratio	Lower	Upper
105	100		
120	50.4	49.4	74.2
91	10.1	55.8	83.8#

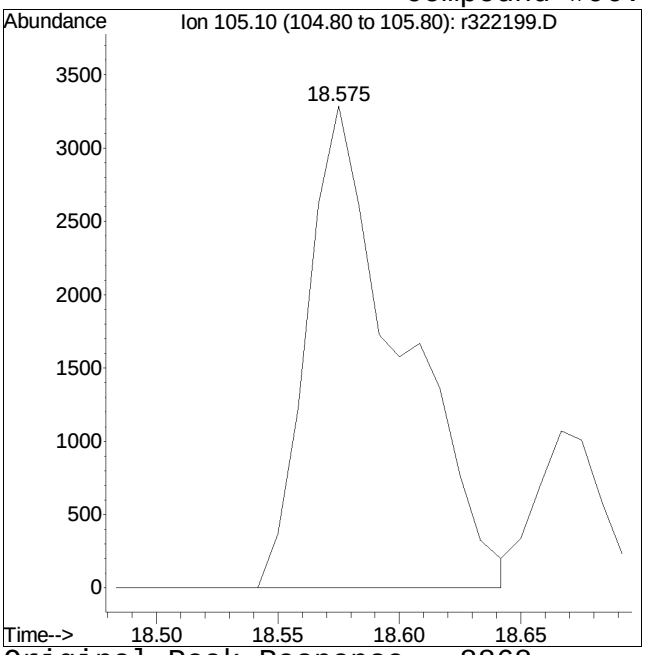


Manual Integration Report

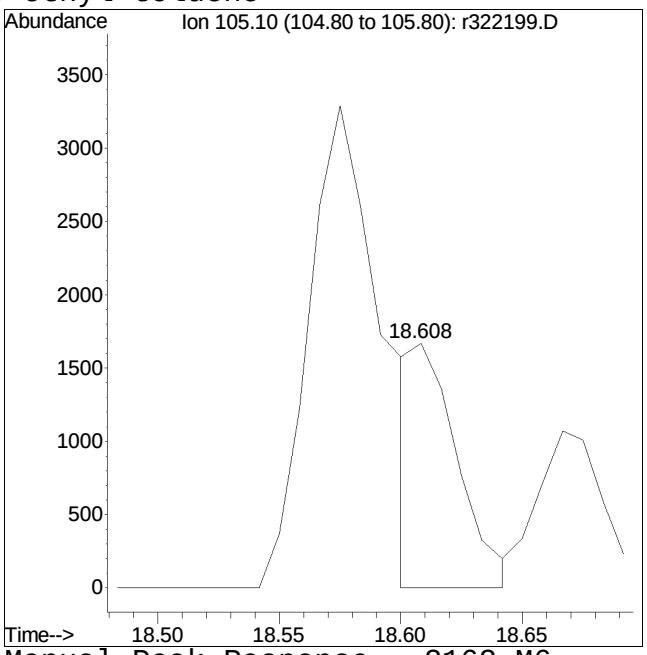
Data Path : O:\Forensics\Data\AirpianoQ
Data File : r322199.D
Date Inj'd : 5/18/2020 0:6: 6
Sample : L2225590-11,3,250,250

Method : TFS3_220516.M
Operator : AIRPIANO3:TS
Instrument :
Quant Date : 5/18/2022 10:26 pm

Compound #96: 4-ethyl toluene



Original Peak Response = 8868



Manual Peak Response = 2162 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518T\
Data File : r322206.D
Acq On : 18 May 2022 11:47 PM
Operator : AIRPIANO3:TS
Sample : L2225590-10,3,250,250
Misc : WG1640147,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 19 18:01:39 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0518T\r322194.D
Sub List : TO15-NY-7-SIM - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.542	49	427860	10.000	ppbV	-0.03
Standard Area = 443368			Recovery =	96.50%		
43) 1,4-difluorobenzene	11.820	114	1286151	10.000	ppbV	-0.02
Standard Area = 1337389			Recovery =	96.17%		
67) chlorobenzene-D5	16.567	54	201502	10.000	ppbV	-0.02
Standard Area = 206902			Recovery =	97.39%		
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	3.946	85	20379	0.606	ppbV	98
6) chloromethane	4.126	50	19822	1.225	ppbV	100
7) Freon-114	4.252		0	N.D.		
10) 1,3-butadiene	4.552		0	N.D.		
13) bromomethane	4.864		0	N.D.		
14) chloroethane	0.000		0	N.D.		
15) ethanol	5.263	31	129580	7.883	ppbV	99
17) vinyl bromide	0.000		0	N.D.		
19) acetone	5.840	43	126205M6	5.384	ppbV	
21) trichlorofluoromethane	6.033	101	9421	0.308	ppbV	99
22) isopropyl alcohol	6.170	45	91168	3.232	ppbV	99
27) tertiary butyl alcohol	6.896	59	190185	5.419	ppbV	99
28) methylene chloride	6.980	49	4633	0.174	ppbV	99
29) 3-chloropropene	0.000		0	N.D.	d	
30) carbon disulfide	7.274	76	6232	0.102	ppbV #	4
31) Freon 113	7.310	101	2870	0.084	ppbV	93
32) trans-1,2-dichloroethene	0.000		0	N.D.		
33) 1,1-dichloroethane	0.000		0	N.D.		
34) MTBE	8.442		0	N.D.		
36) 2-butanone	8.858	43	15529	0.364	ppbV	97
38) Ethyl Acetate	9.675	61	507	0.073	ppbV	67
39) chloroform	9.700		0	N.D.		
40) Tetrahydrofuran	10.192	42	1685	0.068	ppbV	97
42) 1,2-dichloroethane	10.558		0	N.D.		
44) hexane	9.617	57	15378	0.419	ppbV #	40
50) benzene	11.380	78	17659	0.235	ppbV	99
53) cyclohexane	11.700	56	4731	0.124	ppbV	94

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518T\
Data File : r322206.D
Acq On : 18 May 2022 11:47 PM
Operator : AIRPIANO3:TS
Sample : L2225590-10,3,250,250
Misc : WG1640147,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 19 18:01:39 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0518T\r322194.D
Sub List : TO15-NY-7-SIM - .

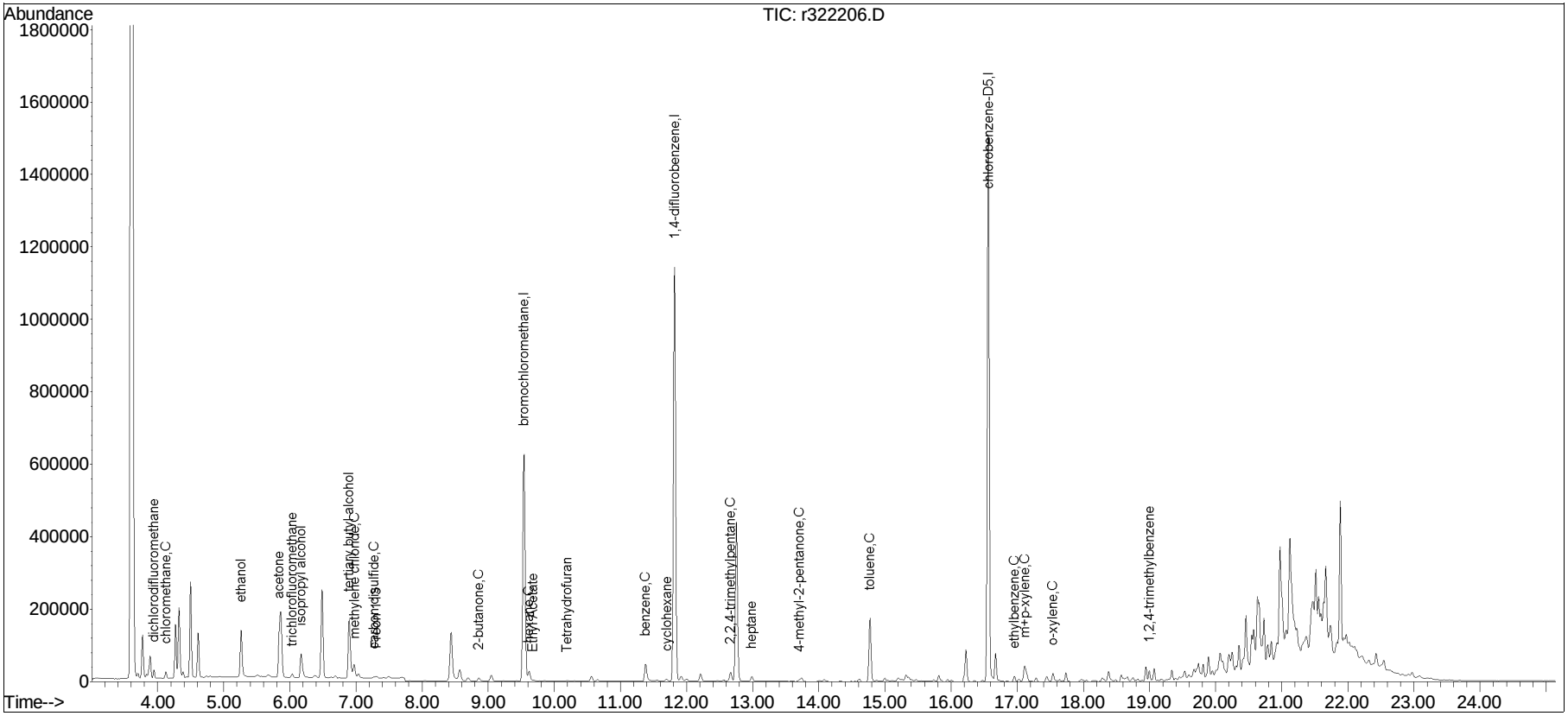
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) 1,2-dichloropropane	0.000		0	N.D.		
57) bromodichloromethane	12.560		0	N.D.		
58) 1,4-dioxane	12.653		0	N.D.		
60) 2,2,4-trimethylpentane	12.667	57	28144	0.248	ppbV	94
62) heptane	12.987	43	8648	0.205	ppbV	92
63) cis-1,3-dichloropropene	0.000		0	N.D.		
64) 4-methyl-2-pentanone	13.708	43	3270	0.068	ppbV	96
65) trans-1,3-dichloropropene	0.000		0	N.D.		
66) 1,1,2-trichloroethane	0.000		0	N.D.		
68) toluene	14.775	91	155091	2.049	ppbV	99
72) 2-hexanone	15.100		0	N.D.		
74) dibromochloromethane	0.000		0	N.D.		
75) 1,2-dibromoethane	0.000		0	N.D.		
80) chlorobenzene	16.617		0	N.D.		
81) ethylbenzene	16.958	91	13111	0.144	ppbV	99
83) m+p-xylene	17.117	91	38263	0.516	ppbV	100
84) bromoform	0.000		0	N.D.		
85) styrene	17.450		0	N.D.		
86) 1,1,2,2-tetrachloroethane	17.592		0	N.D.		
87) o-xylene	17.542	91	15426	0.209	ppbV	98
96) 4-ethyl toluene	18.608		0	N.D.		
97) 1,3,5-trimethylbenzene	18.667		0	N.D.		
99) 1,2,4-trimethylbenzene	19.000	105	14481M6	0.160	ppbV	
101) Benzyl Chloride	19.175		0	N.D.		
102) 1,3-dichlorobenzene	19.183		0	N.D.		
103) 1,4-dichlorobenzene	19.183		0	N.D.		
107) 1,2-dichlorobenzene	0.000		0	N.D.		
115) 1,2,4-trichlorobenzene	20.933		0	N.D.		
119) hexachlorobutadiene	0.000		0	N.D.		

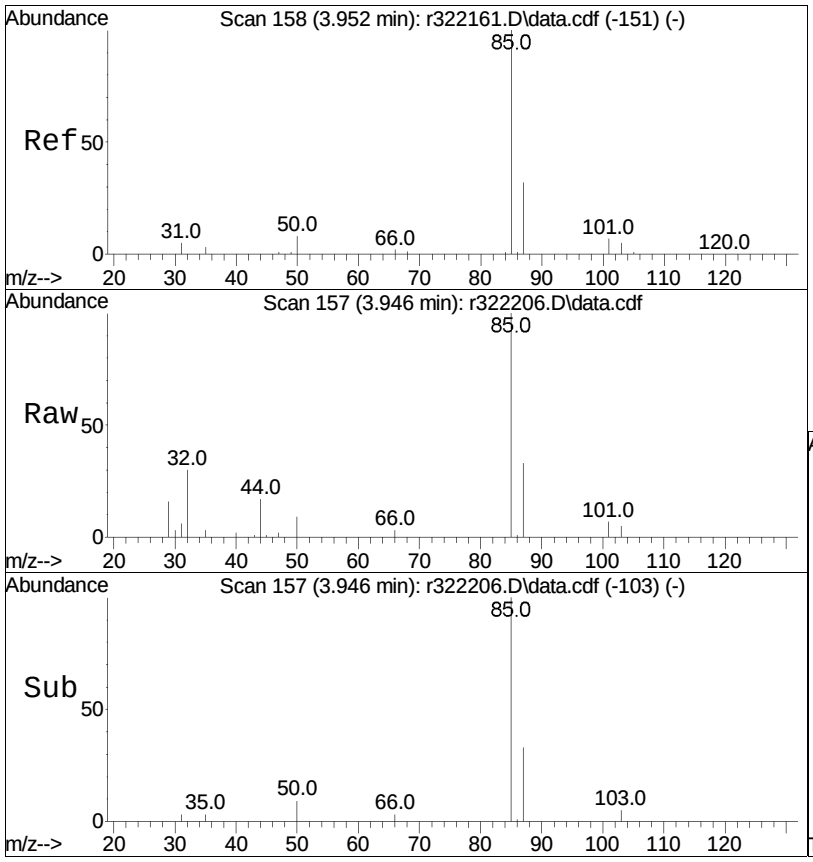
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : TO15-NY-7-SIM - .\Airpiano3\2022\05\0518T\r322194.D

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518T\
Data File : r322206.D
Acq On : 18 May 2022 11:47 PM
Operator : AIRPIANO3:TS
Sample : L2225590-10,3,250,250
Misc : WG1640147,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 19 18:01:39 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

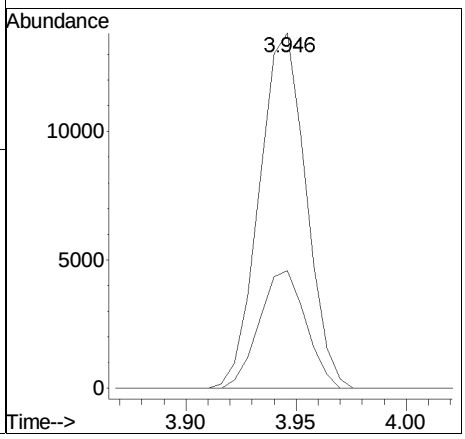


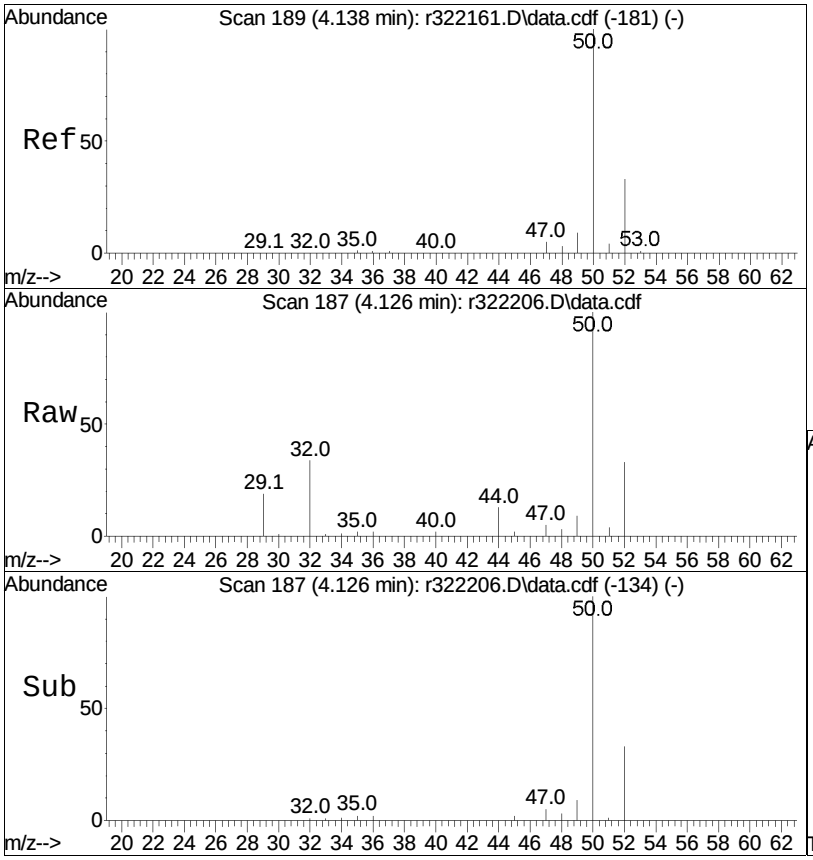


#5
dichlorodifluoromethane
Concen: 0.61 ppbV
RT: 3.946 min Scan# 157
Delta R.T. -0.006 min
Lab File: r322206.D
Acq: 18 May 2022 11:47 PM

Tgt Ion: 85 Resp: 20379

Ion	Ratio	Lower	Upper
85	100		
87	33.1	25.8	38.6

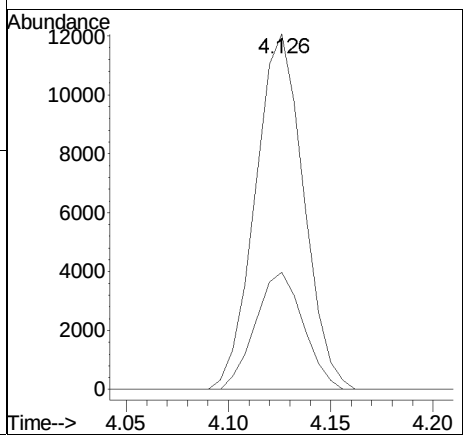


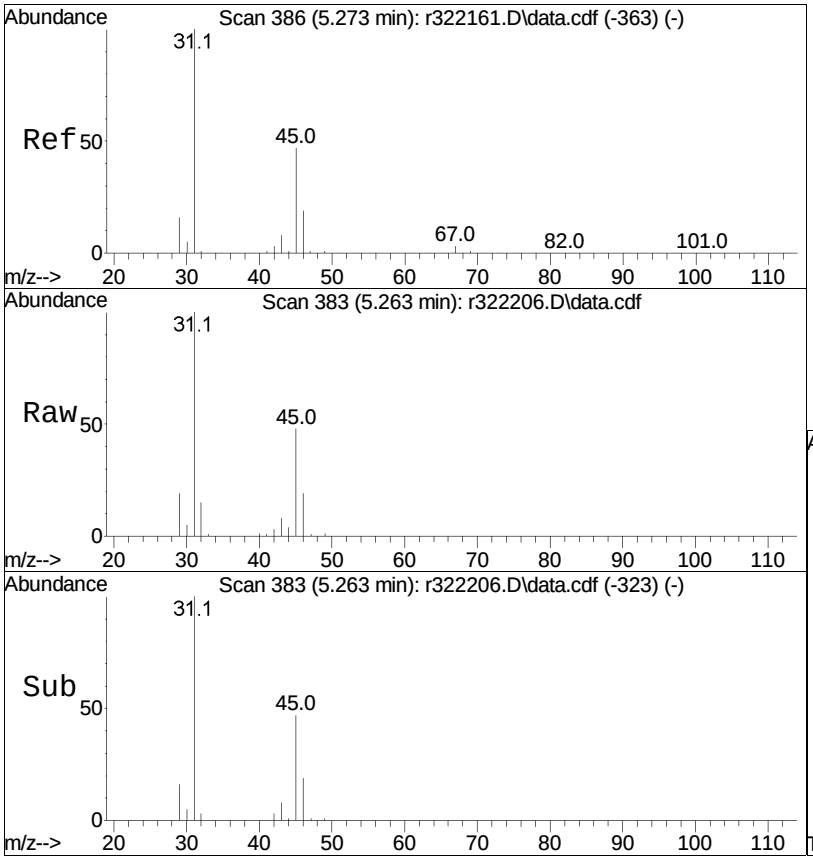


#6
chloromethane
Concen: 1.23 ppbV
RT: 4.126 min Scan# 187
Delta R.T. -0.012 min
Lab File: r322206.D
Acq: 18 May 2022 11:47 PM

Tgt Ion: 50 Resp: 19822

Ion	Ratio	Lower	Upper
50	100		
52	33.0	26.3	39.5

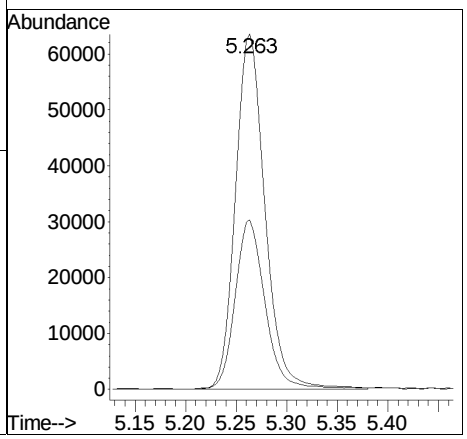


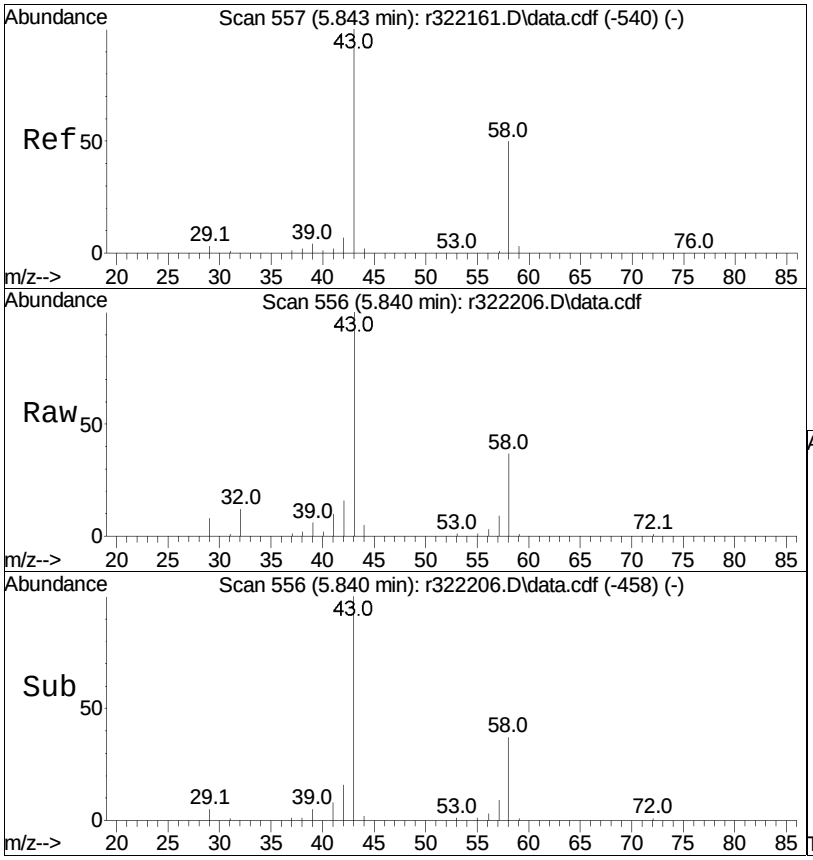


#15
ethanol
Concen: 7.88 ppbV
RT: 5.263 min Scan# 383
Delta R.T. -0.010 min
Lab File: r322206.D
Acq: 18 May 2022 11:47 PM

Tgt Ion: 31 Resp: 129580

Ion	Ratio	Lower	Upper
31	100		
45	47.7	37.6	56.4

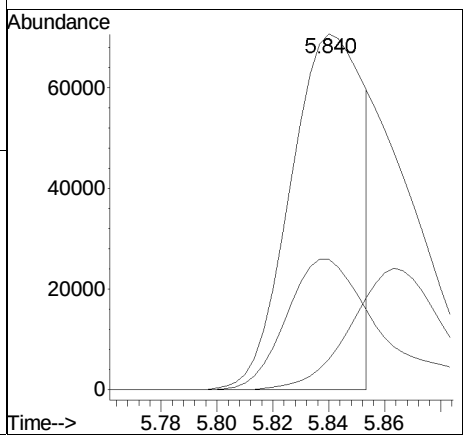


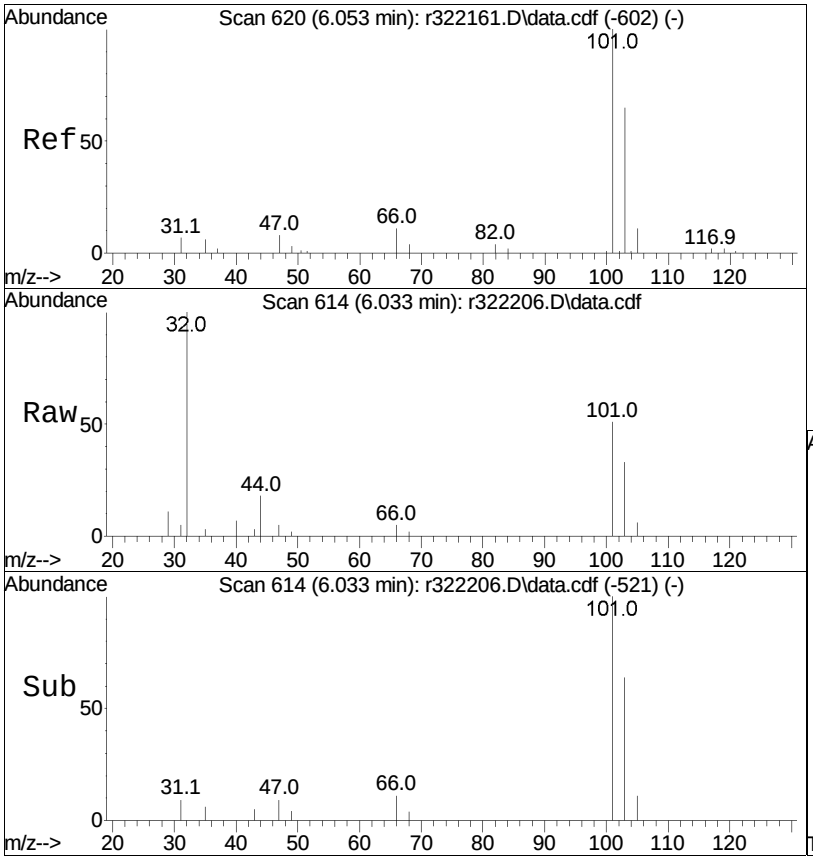


#19
acetone
Concen: 5.38 ppbV m
RT: 5.840 min Scan# 556
Delta R.T. -0.003 min
Lab File: r322206.D
Acq: 18 May 2022 11:47 PM

Tgt Ion: 43 Resp: 126205

Ion	Ratio	Lower	Upper
43	100		
58	36.6	39.8	59.8#
57	8.5	1.0	1.6#

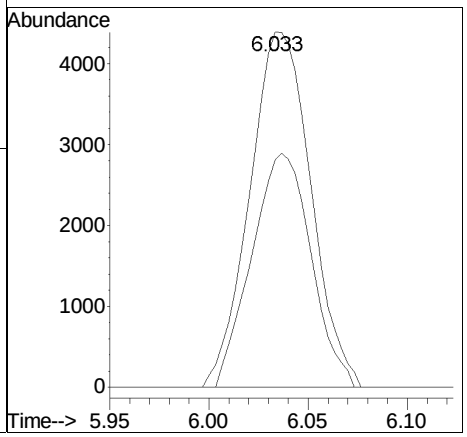


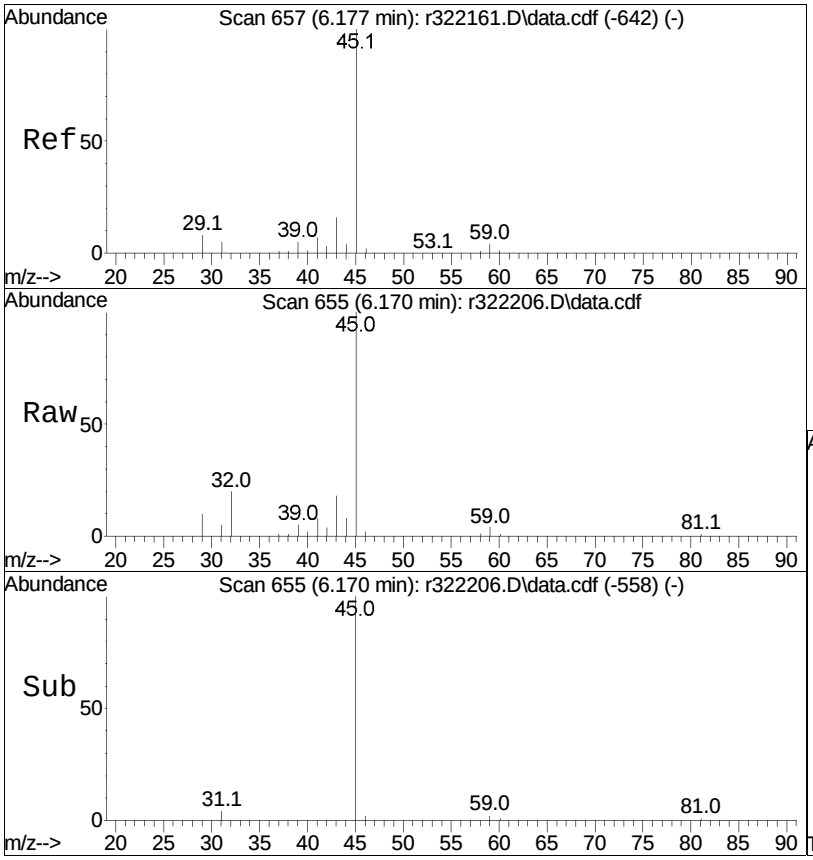


#21
trichlorofluoromethane
Concen: 0.31 ppbV
RT: 6.033 min Scan# 614
Delta R.T. -0.020 min
Lab File: r322206.D
Acq: 18 May 2022 11:47 PM

Tgt Ion:101 Resp: 9421

Ion	Ratio	Lower	Upper
101	100		
103	64.0	51.8	77.6

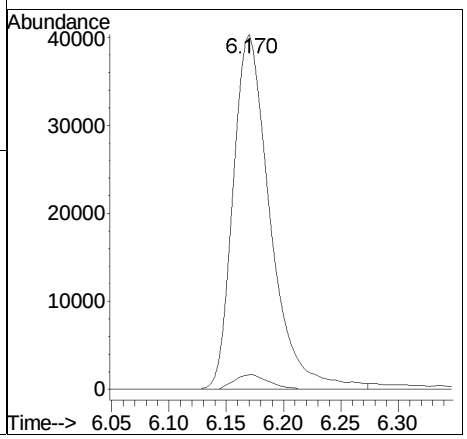


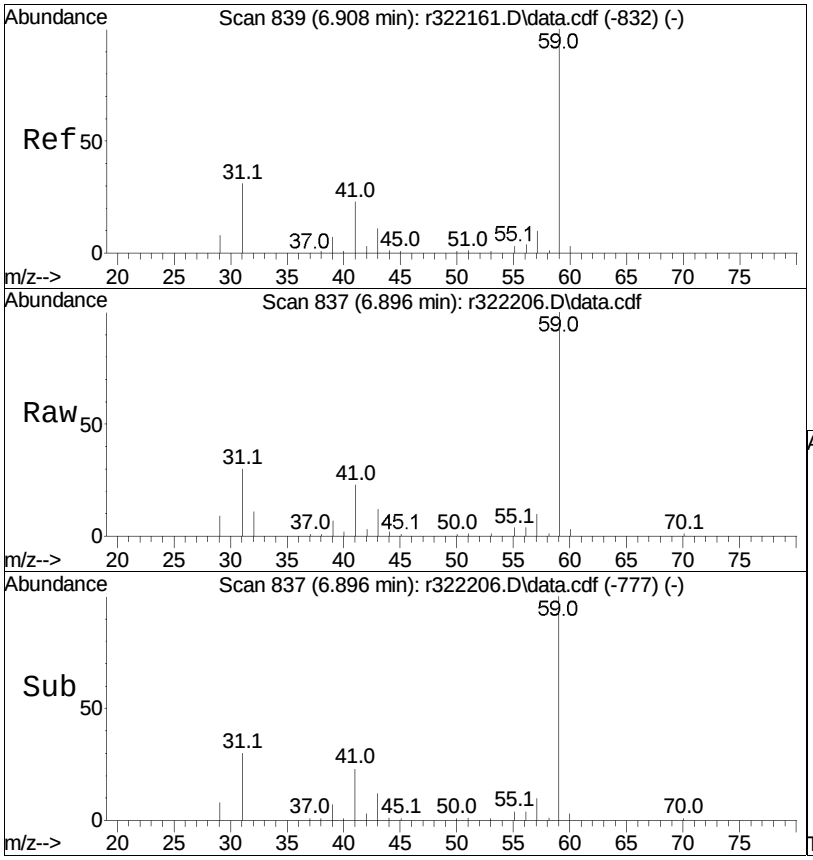


#22
isopropyl alcohol
Concen: 3.23 ppbV
RT: 6.170 min Scan# 655
Delta R.T. -0.007 min
Lab File: r322206.D
Acq: 18 May 2022 11:47 PM

Tgt Ion: 45 Resp: 91168

Ion	Ratio	Lower	Upper
45	100		
59	4.1	3.5	5.3

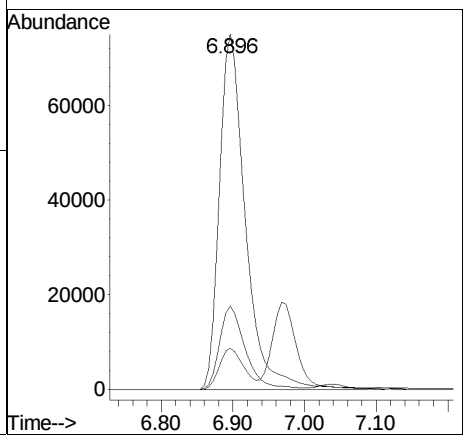


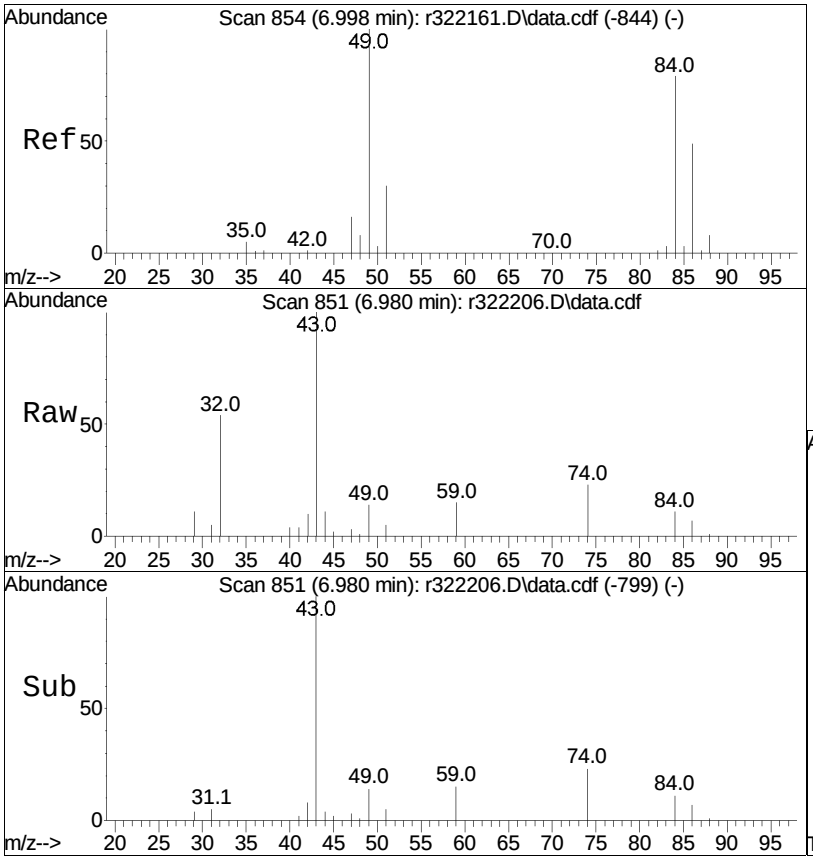


#27
tertiary butyl alcohol
Concen: 5.42 ppbV
RT: 6.896 min Scan# 837
Delta R.T. -0.012 min
Lab File: r322206.D
Acq: 18 May 2022 11:47 PM

Tgt Ion: 59 Resp: 190185

Ion	Ratio	Lower	Upper
59	100		
41	23.4	18.2	27.2
43	11.6	8.9	13.3

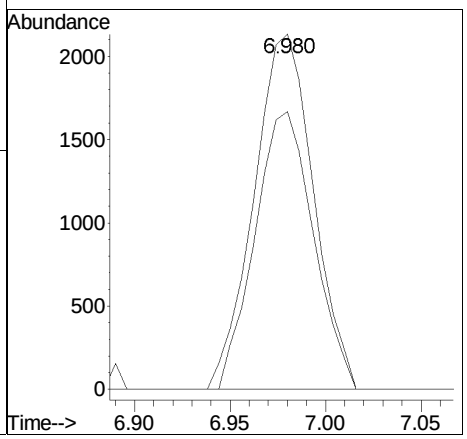


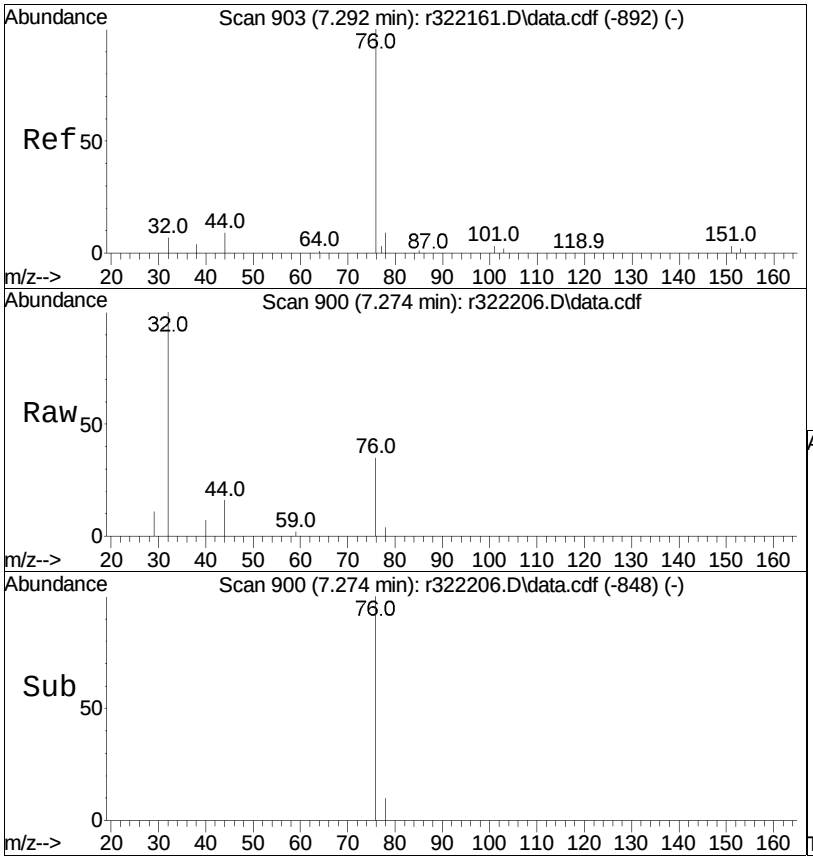


#28
methylene chloride
Concen: 0.17 ppbV
RT: 6.980 min Scan# 851
Delta R.T. -0.018 min
Lab File: r322206.D
Acq: 18 May 2022 11:47 PM

Tgt Ion: 49 Resp: 4633

Ion	Ratio	Lower	Upper
49	100		
84	78.2	63.0	94.6

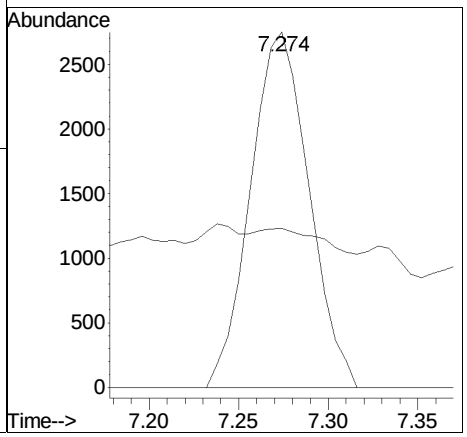


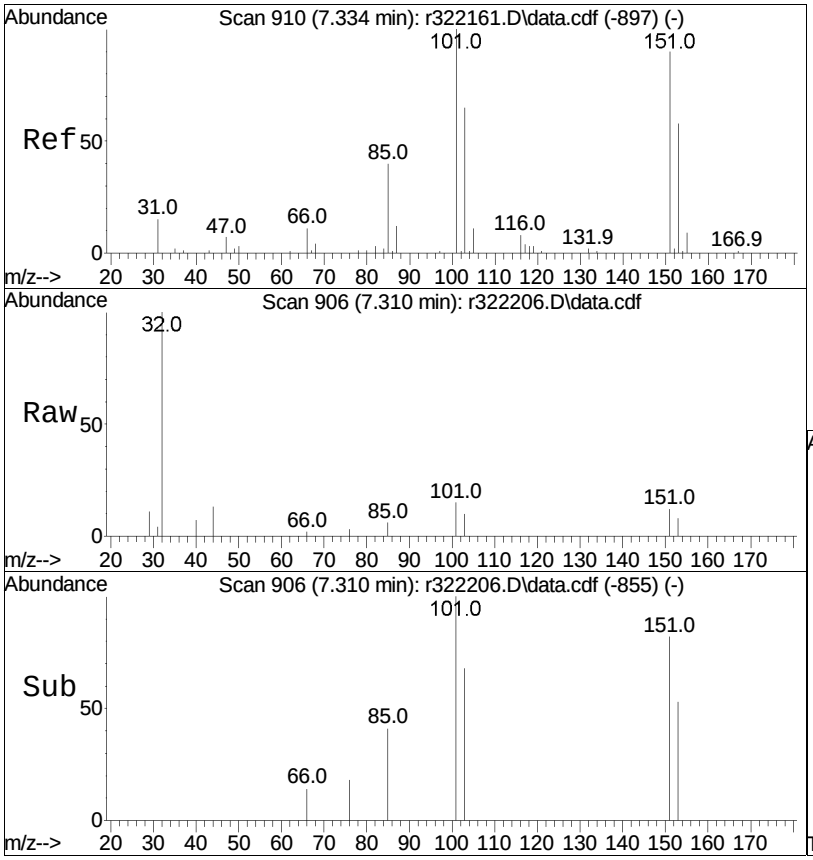


#30
carbon disulfide
Concen: 0.10 ppbV
RT: 7.274 min Scan# 900
Delta R.T. -0.018 min
Lab File: r322206.D
Acq: 18 May 2022 11:47 PM

Tgt Ion: 76 Resp: 6232

Ion	Ratio	Lower	Upper
76	100		
44	44.8	7.6	11.4#

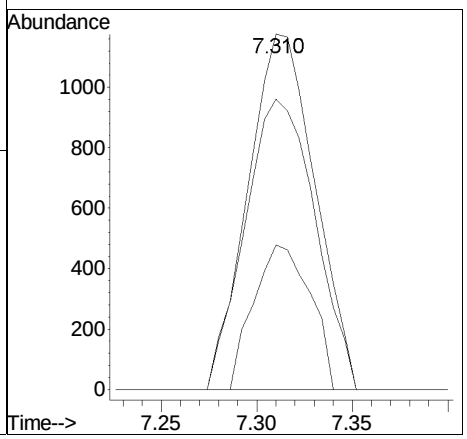


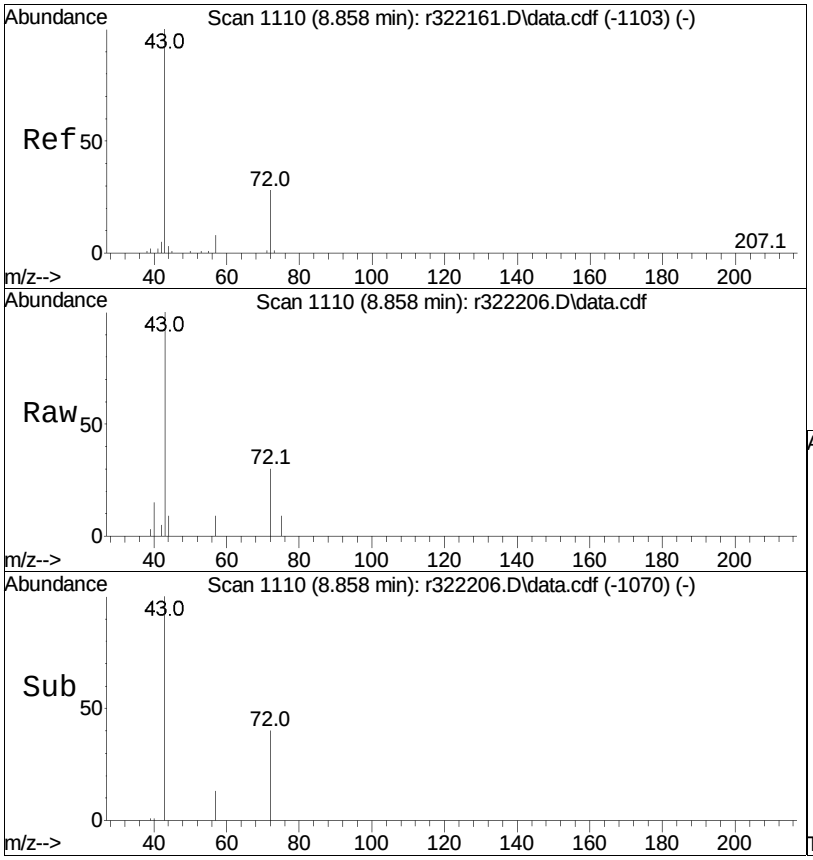


#31
Freon 113
Concen: 0.08 ppbV
RT: 7.310 min Scan# 906
Delta R.T. -0.024 min
Lab File: r322206.D
Acq: 18 May 2022 11:47 PM

Tgt Ion:101 Resp: 2870

Ion	Ratio	Lower	Upper
101	100		
85	40.6	31.8	47.8
151	81.7	72.2	108.4

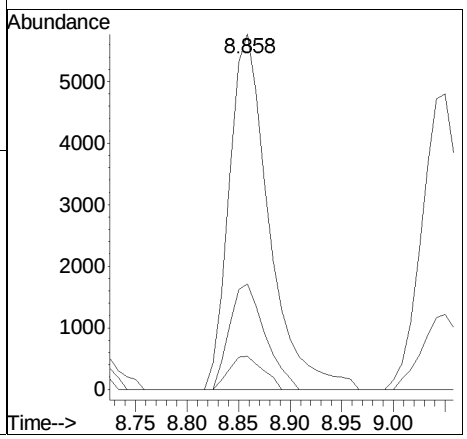


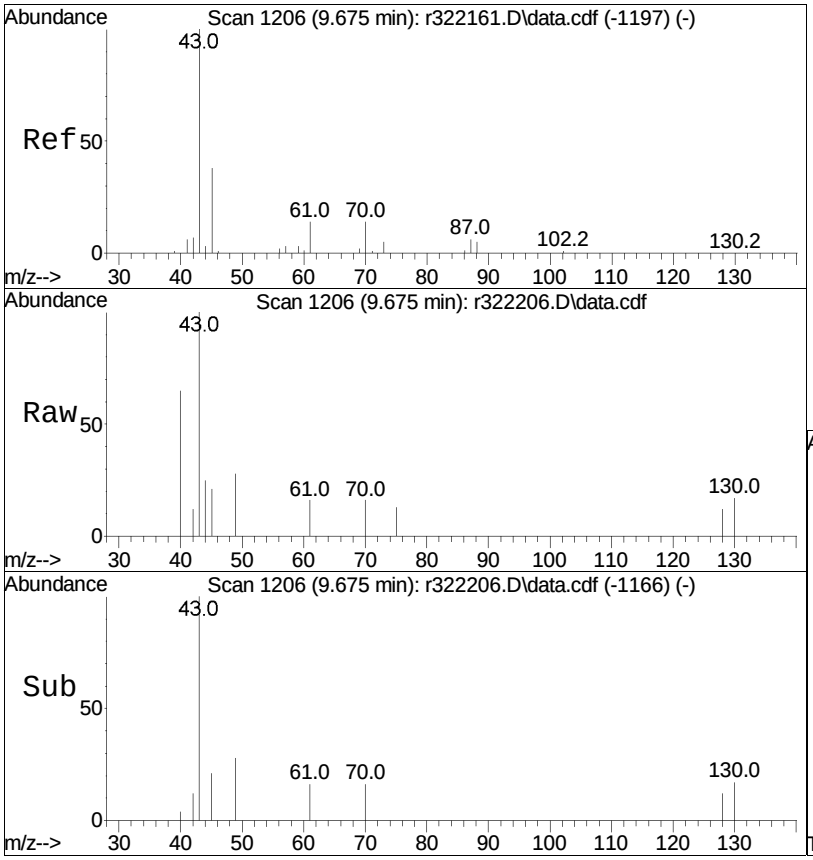


#36
2-butanone
Concen: 0.36 ppbV
RT: 8.858 min Scan# 1110
Delta R.T. 0.000 min
Lab File: r322206.D
Acq: 18 May 2022 11:47 PM

Tgt Ion: 43 Resp: 15529

Ion	Ratio	Lower	Upper
43	100		
72	29.7	22.6	33.8
57	9.3	6.6	10.0

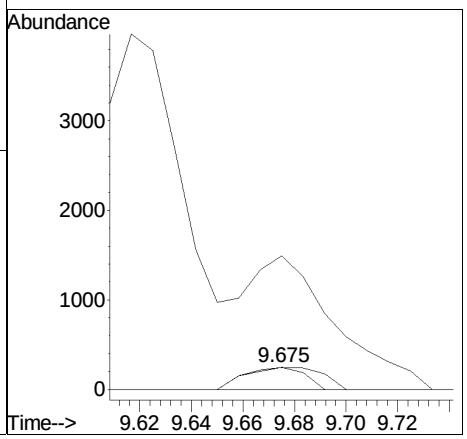


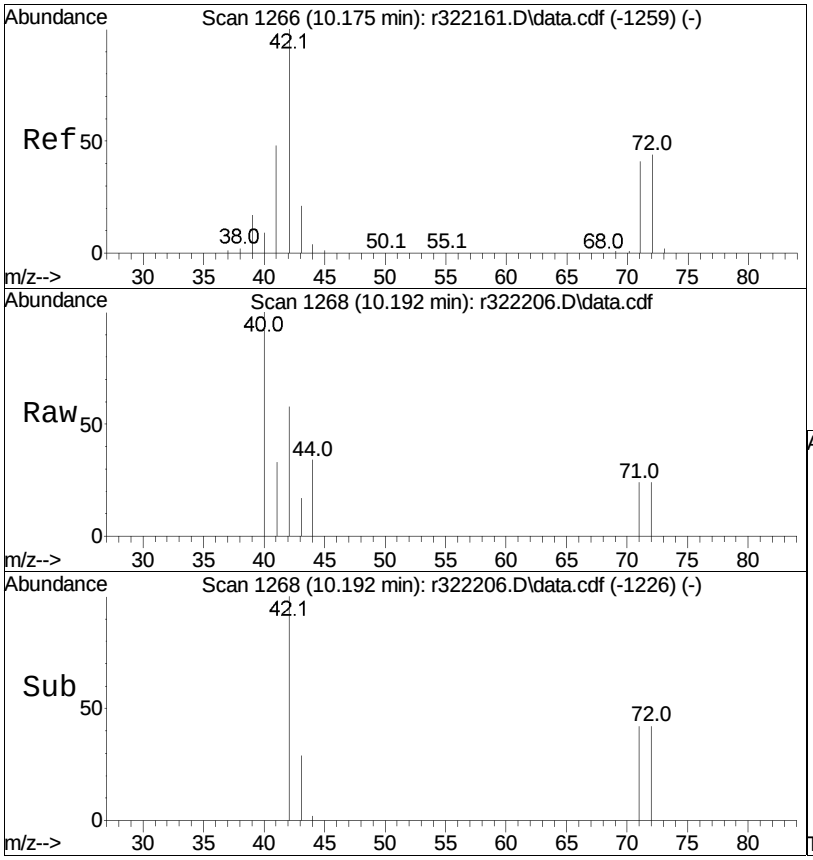


#38
Ethyl Acetate
Concen: 0.07 ppbV
RT: 9.675 min Scan# 1206
Delta R.T. 0.000 min
Lab File: r322206.D
Acq: 18 May 2022 11:47 PM

Tgt Ion: 61 Resp: 507

Ion	Ratio	Lower	Upper
61	100		
70	100.0	78.8	118.2
43	607.3	593.4	890.0

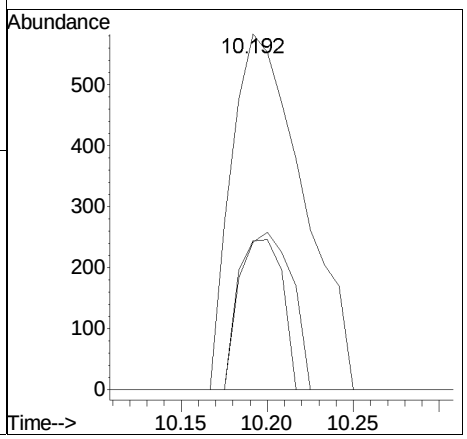


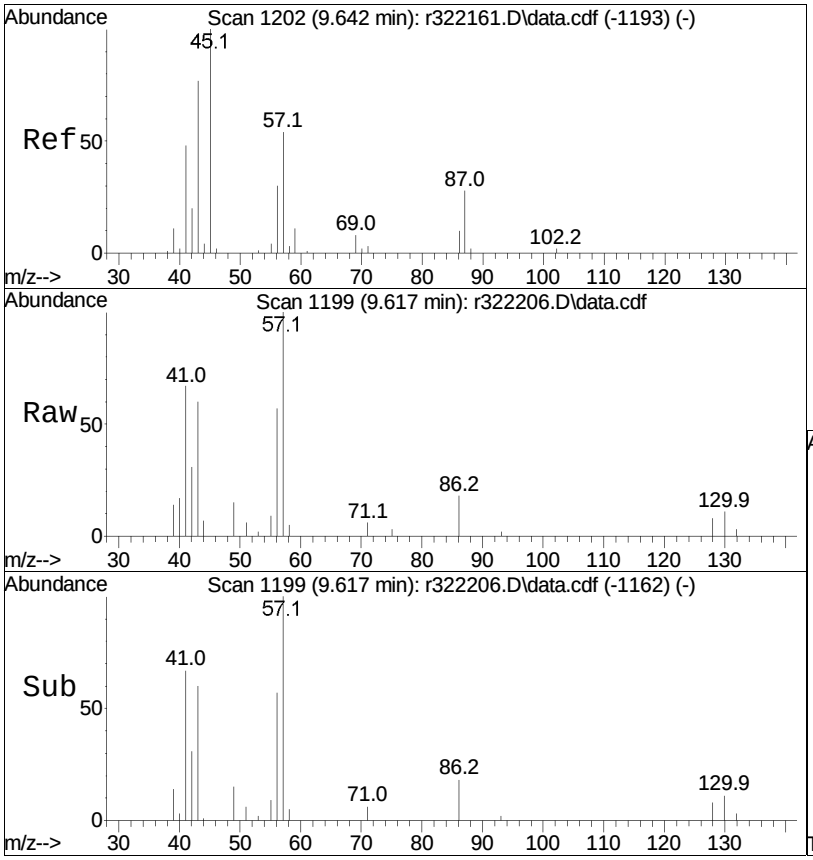


#40
Tetrahydrofuran
Concen: 0.07 ppbV
RT: 10.192 min Scan# 1268
Delta R.T. 0.017 min
Lab File: r322206.D
Acq: 18 May 2022 11:47 PM

Tgt Ion: 42 Resp: 1685

Ion	Ratio	Lower	Upper
42	100		
71	41.5	32.4	48.6
72	41.9	35.2	52.8

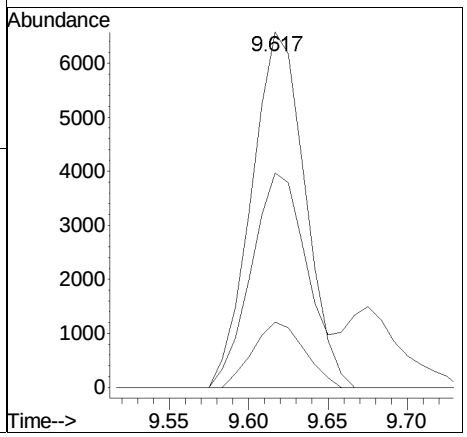


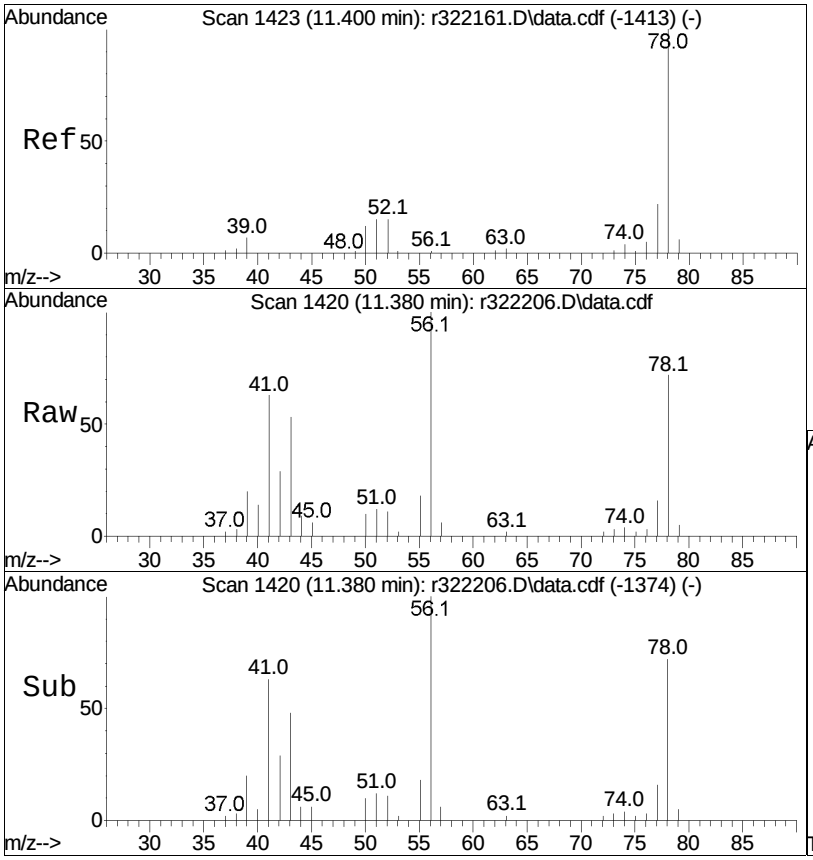


#44
hexane
Concen: 0.42 ppbV
RT: 9.617 min Scan# 1199
Delta R.T. -0.025 min
Lab File: r322206.D
Acq: 18 May 2022 11:47 PM

Tgt Ion: 57 Resp: 15378

Ion	Ratio	Lower	Upper
57	100		
43	60.4	115.0	172.6#
86	18.4	15.5	23.3

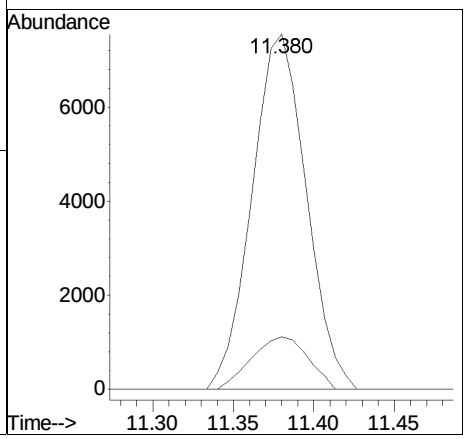


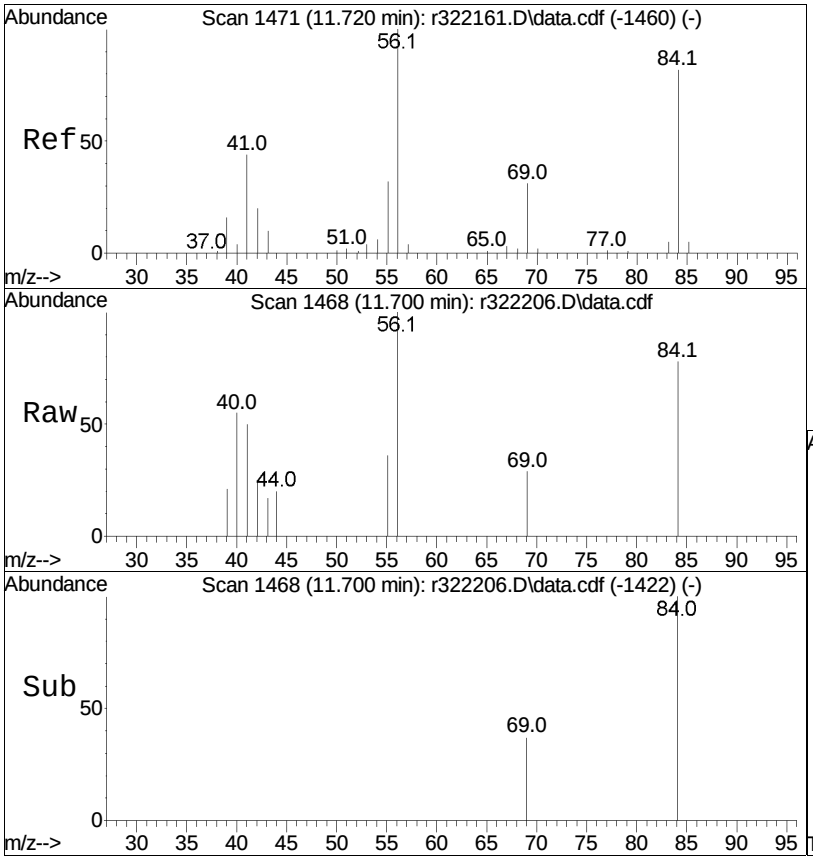


#50
benzene
Concen: 0.23 ppbV
RT: 11.380 min Scan# 1420
Delta R.T. -0.020 min
Lab File: r322206.D
Acq: 18 May 2022 11:47 PM

Tgt Ion: 78 Resp: 17659

Ion	Ratio	Lower	Upper
78	100		
52	14.8	12.2	18.2

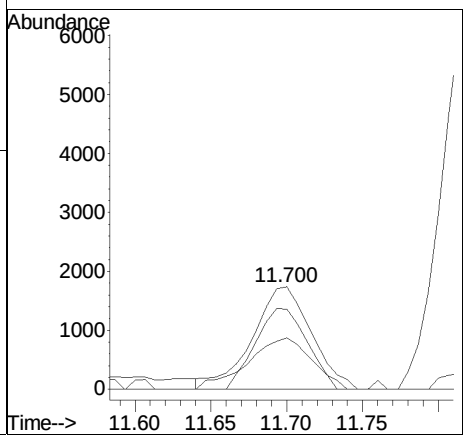


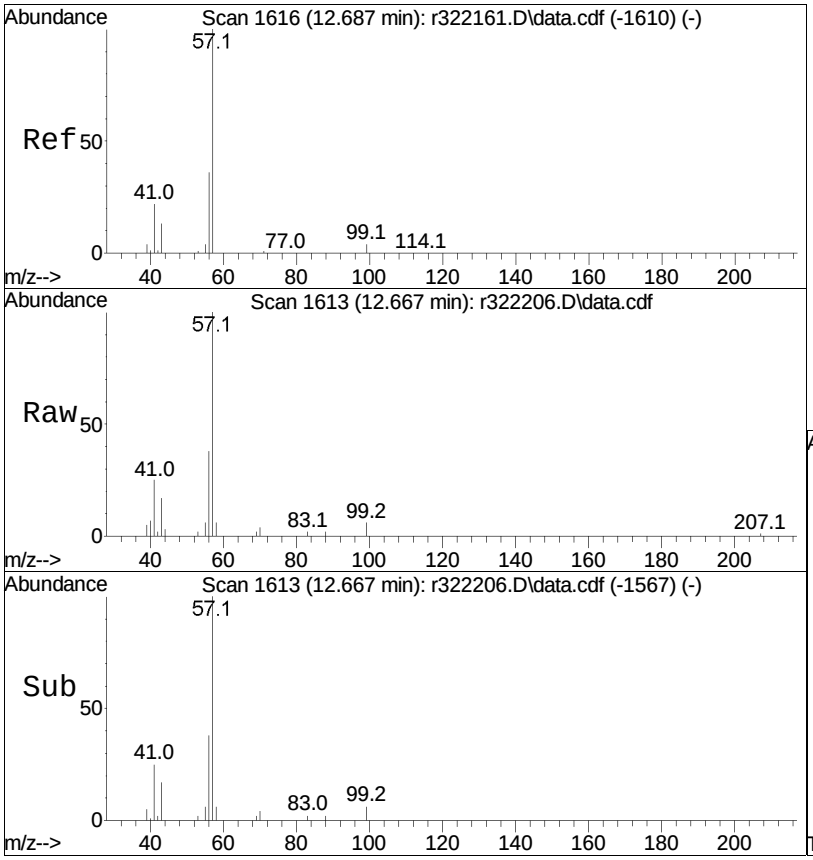


#53
cyclohexane
Concen: 0.12 ppbV
RT: 11.700 min Scan# 1468
Delta R.T. -0.020 min
Lab File: r322206.D
Acq: 18 May 2022 11:47 PM

Tgt Ion: 56 Resp: 4731

Ion	Ratio	Lower	Upper
56	100		
84	78.3	65.4	98.0
41	50.2	35.4	53.2

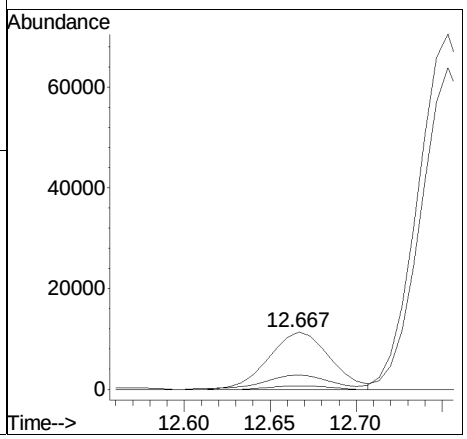


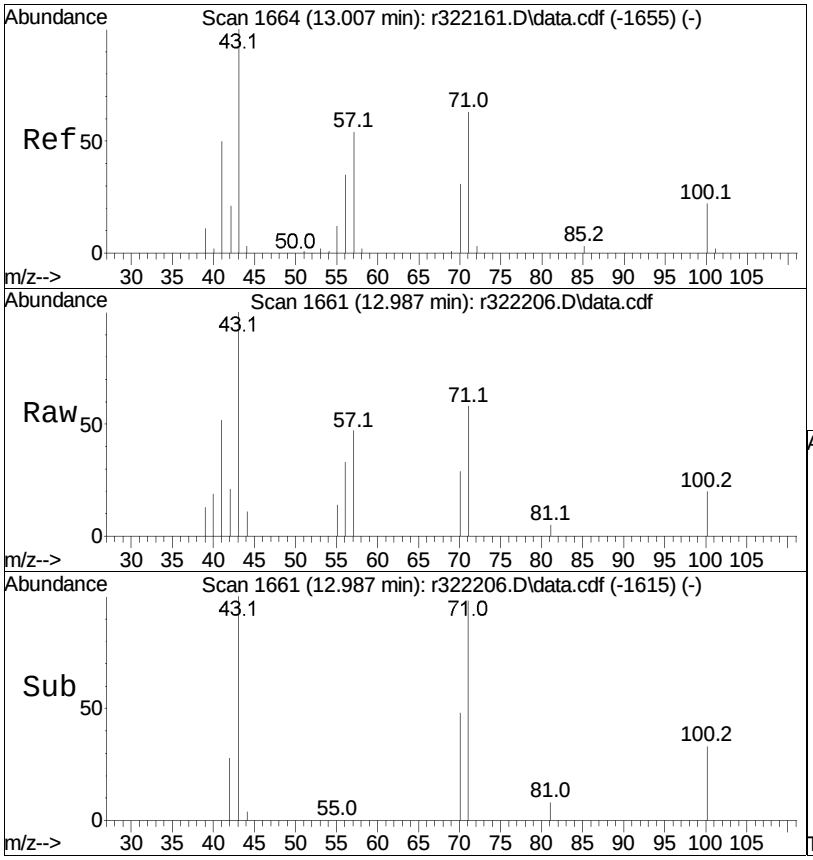


#60
2,2,4-trimethylpentane
Concen: 0.25 ppbV
RT: 12.667 min Scan# 1613
Delta R.T. -0.020 min
Lab File: r322206.D
Acq: 18 May 2022 11:47 PM

Tgt Ion: 57 Resp: 28144

Ion	Ratio	Lower	Upper
57	100		
99	6.2	5.0	7.4
41	25.3	17.4	26.2

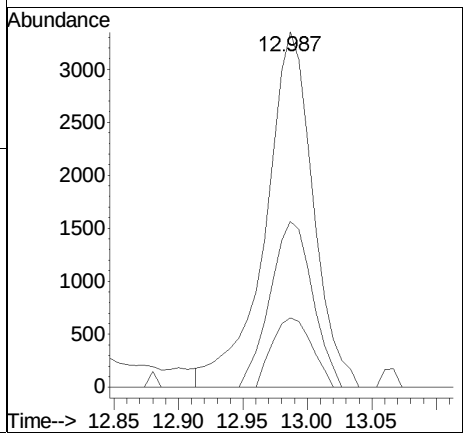


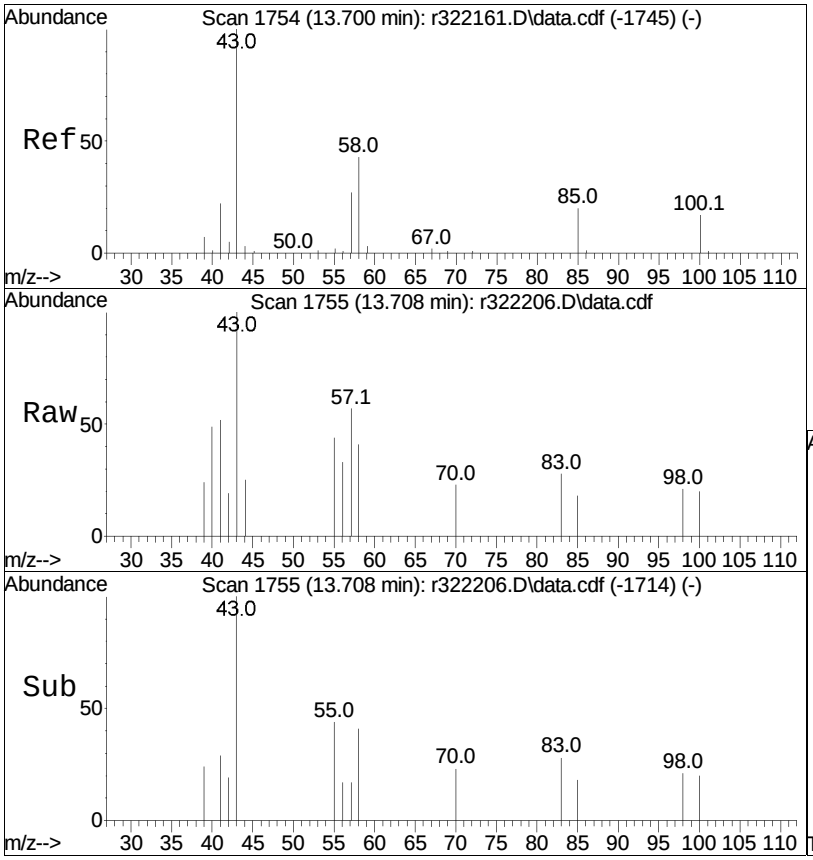


#62
heptane
Concen: 0.20 ppbV
RT: 12.987 min Scan# 1661
Delta R.T. -0.020 min
Lab File: r322206.D
Acq: 18 May 2022 11:47 PM

Tgt Ion: 43 Resp: 8648

Ion	Ratio	Lower	Upper
43	100		
57	46.7	43.0	64.4
100	19.6	17.6	26.4

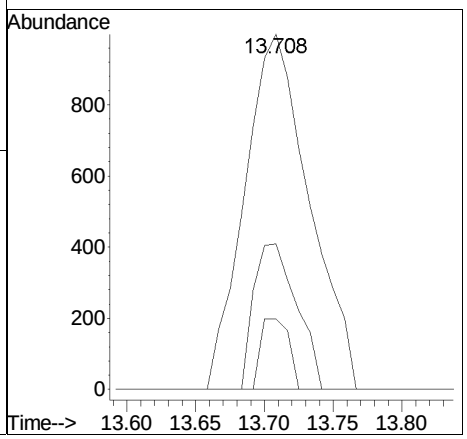


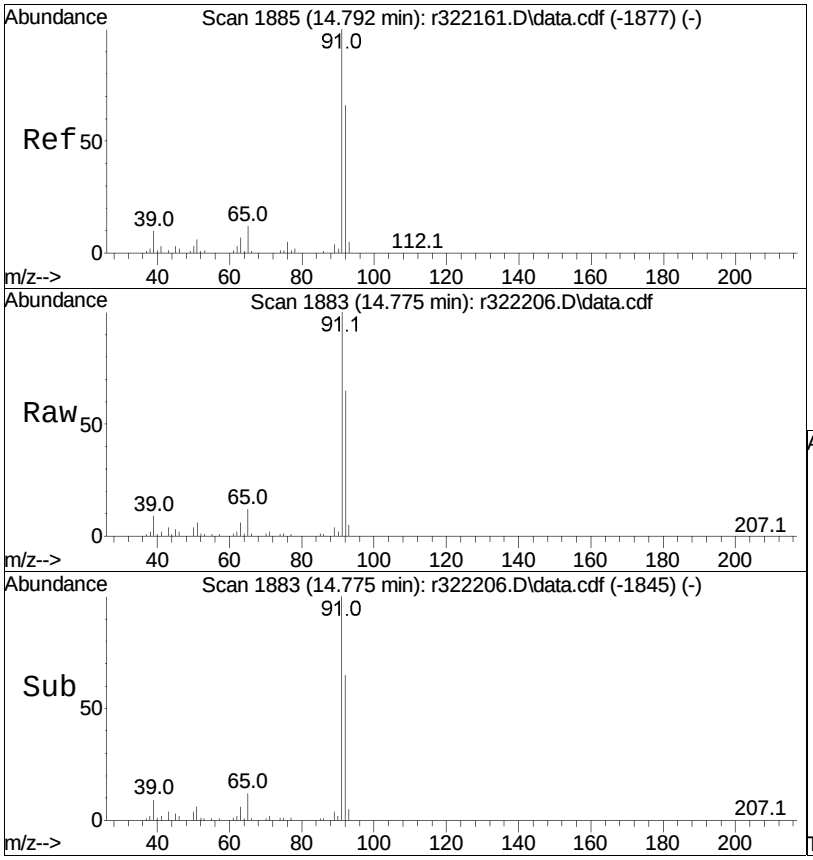


#64
4-methyl-2-pentanone
Concen: 0.07 ppbV
RT: 13.708 min Scan# 1755
Delta R.T. 0.008 min
Lab File: r322206.D
Acq: 18 May 2022 11:47 PM

Tgt Ion: 43 Resp: 3270

Ion	Ratio	Lower	Upper
43	100		
58	40.9	34.3	51.5
100	19.8	13.8	20.6

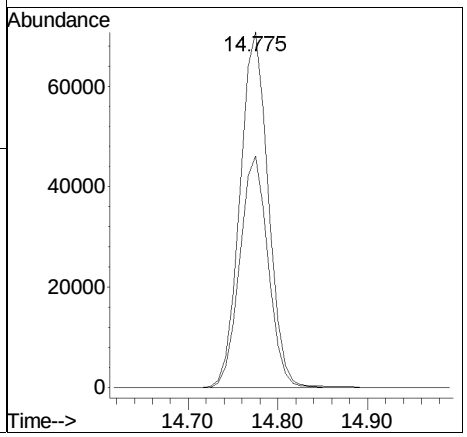


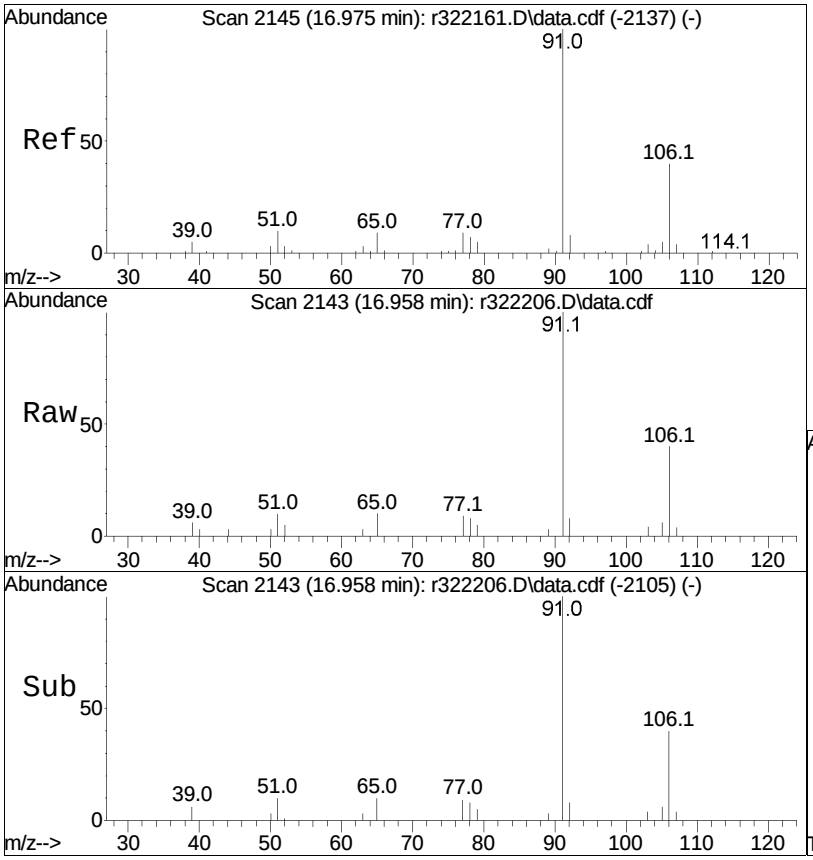


#68
toluene
Concen: 2.05 ppbV
RT: 14.775 min Scan# 1883
Delta R.T. -0.017 min
Lab File: r322206.D
Acq: 18 May 2022 11:47 PM

Tgt Ion: 91 Resp: 155091

Ion	Ratio	Lower	Upper
91	100		
92	65.1	52.7	79.1

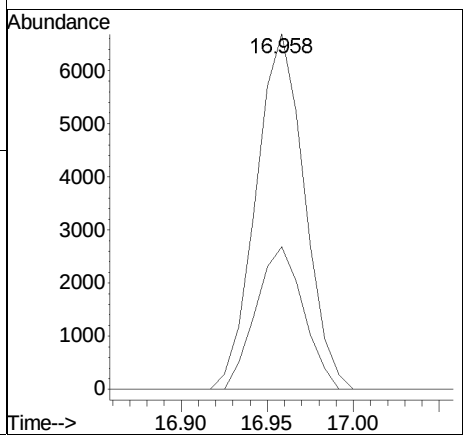


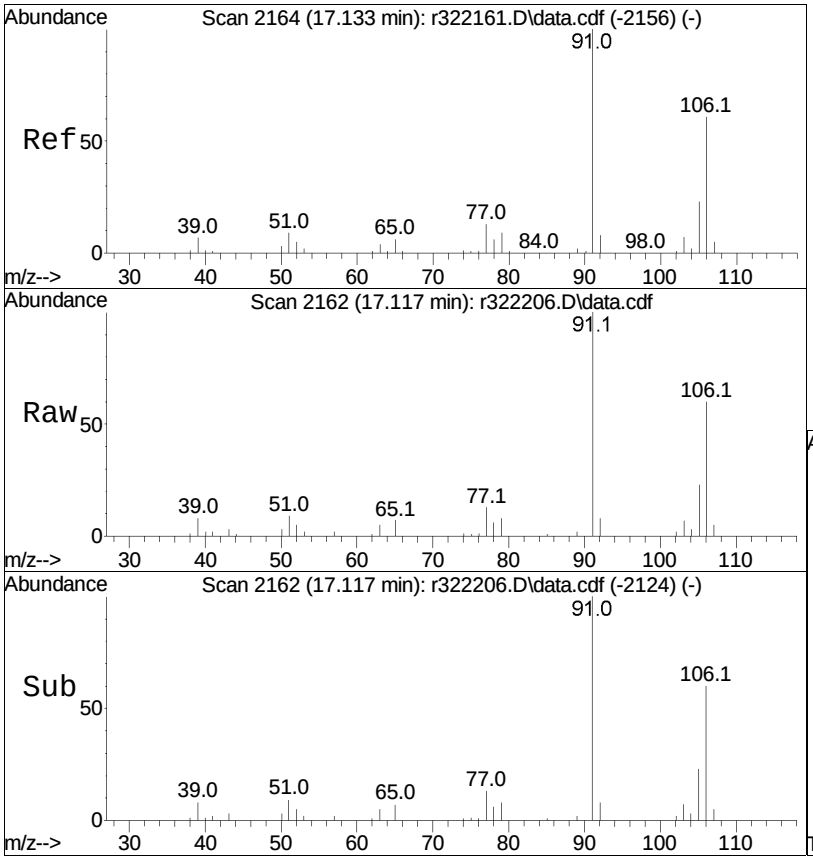


#81
ethylbenzene
Concen: 0.14 ppbV
RT: 16.958 min Scan# 2143
Delta R.T. -0.017 min
Lab File: r322206.D
Acq: 18 May 2022 11:47 PM

Tgt Ion: 91 Resp: 13111

Ion	Ratio	Lower	Upper
91	100		
106	40.1	32.4	48.6

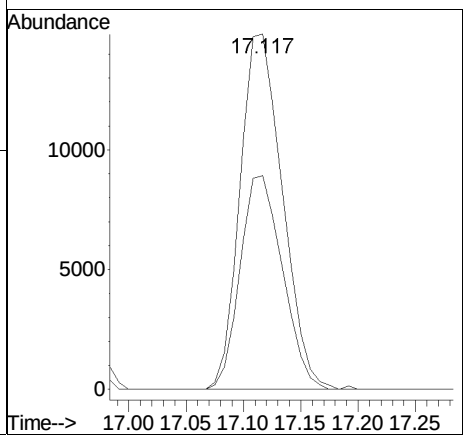


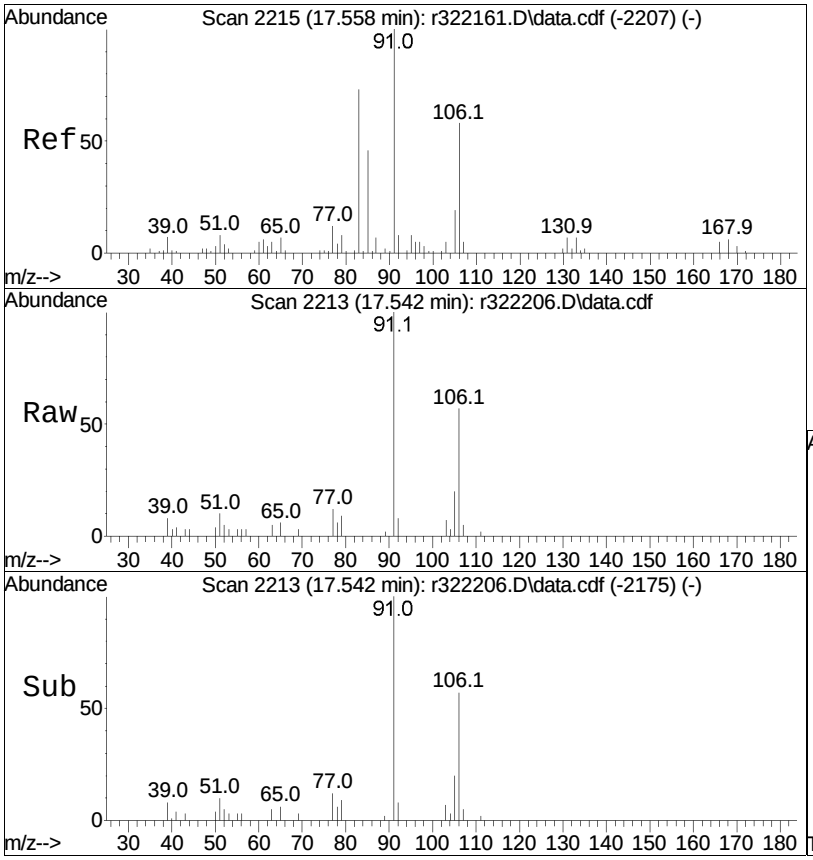


#83
m+p-xylene
Concen: 0.52 ppbV
RT: 17.117 min Scan# 2162
Delta R.T. -0.017 min
Lab File: r322206.D
Acq: 18 May 2022 11:47 PM

Tgt Ion: 91 Resp: 38263

Ion	Ratio	Lower	Upper
91	100		
106	60.2	48.4	72.6

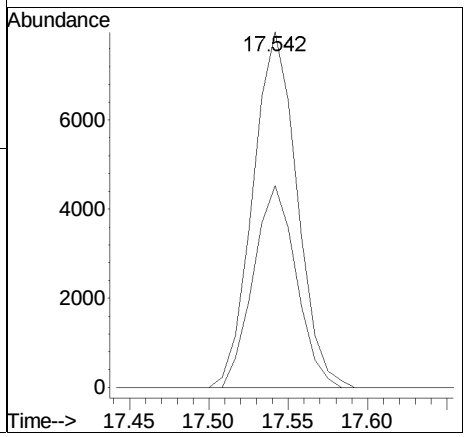


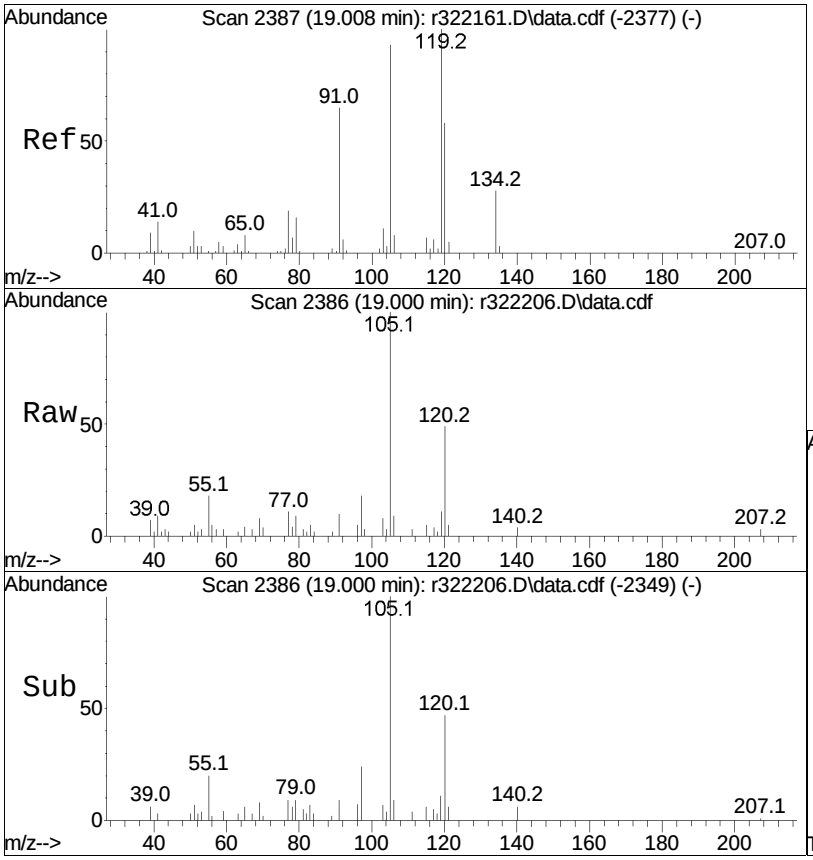


#87
o-xylene
Concen: 0.21 ppbV
RT: 17.542 min Scan# 2213
Delta R.T. -0.017 min
Lab File: r322206.D
Acq: 18 May 2022 11:47 PM

Tgt Ion: 91 Resp: 15426

Ion	Ratio	Lower	Upper
91	100		
106	56.8	46.4	69.6

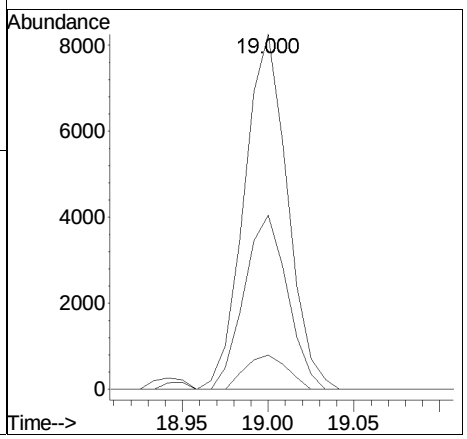




#99
1,2,4-trimethylbenzene
Concen: 0.16 ppbV m
RT: 19.000 min Scan# 2386
Delta R.T. -0.008 min
Lab File: r322206.D
Acq: 18 May 2022 11:47 PM

Tgt Ion:105 Resp: 14481

Ion	Ratio	Lower	Upper
105	100		
120	49.0	49.4	74.2#
91	9.7	55.8	83.8#

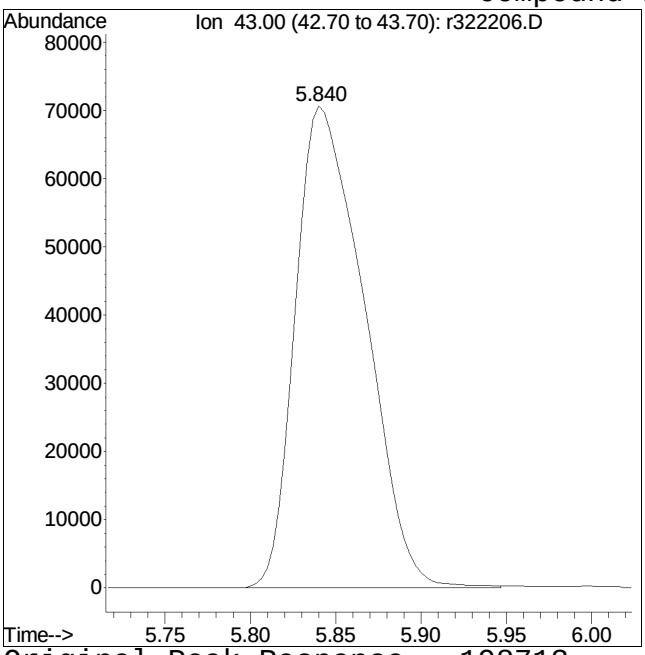


Manual Integration Report

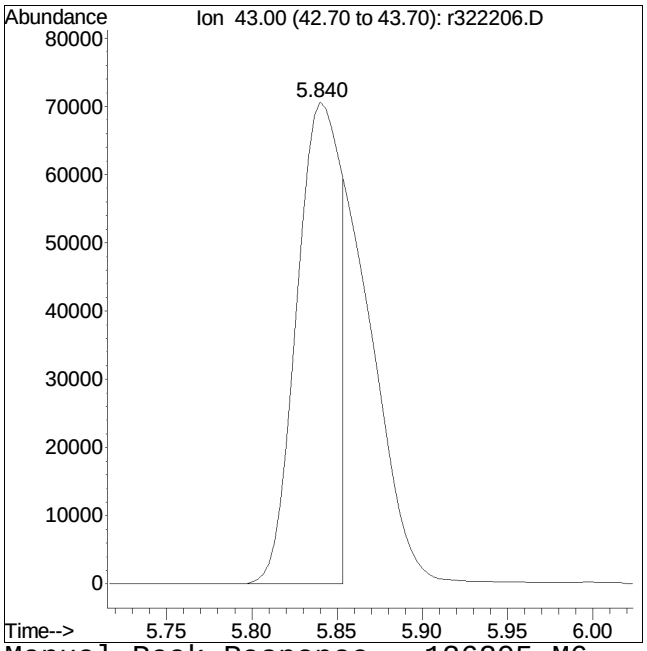
Data Path : O:\Forensics\Data\AirpianoQ
Data File : r322206.D
Date Inj'd : 5/18/2020 0:1: 7
Sample : L2225590-10,3,250,250

Method : TFS3_220516.M
Operator : AIRPIANO3:TS
Instrument :
Quant Date : 5/19/2022 8:50 am

Compound #19: acetone



Original Peak Response = 198713



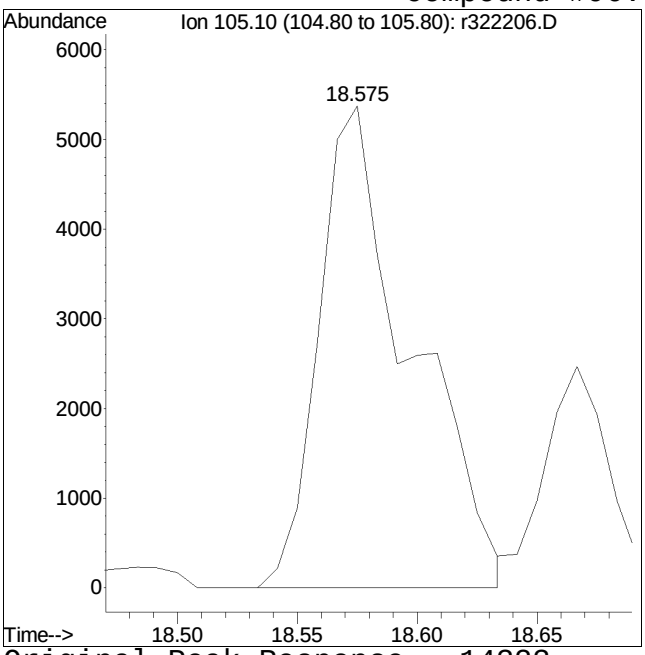
Manual Peak Response = 126205 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

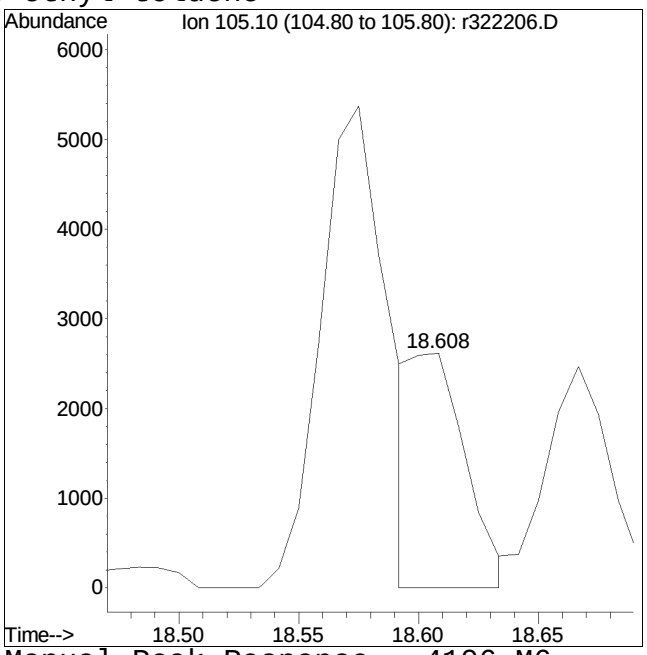
Manual Integration Report

Data Path : O:\Forensics\Data\AirpianoQMethod : TFS3_220516.M
Data File : r322206.D Operator : AIRPIANO3:TS
Date Inj'd : 5/18/2020 0:1: 7 Instrument :
Sample : L2225590-10,3,250,250 Quant Date : 5/19/2022 8:50 am

Compound #96: 4-ethyl toluene



Original Peak Response = 14323



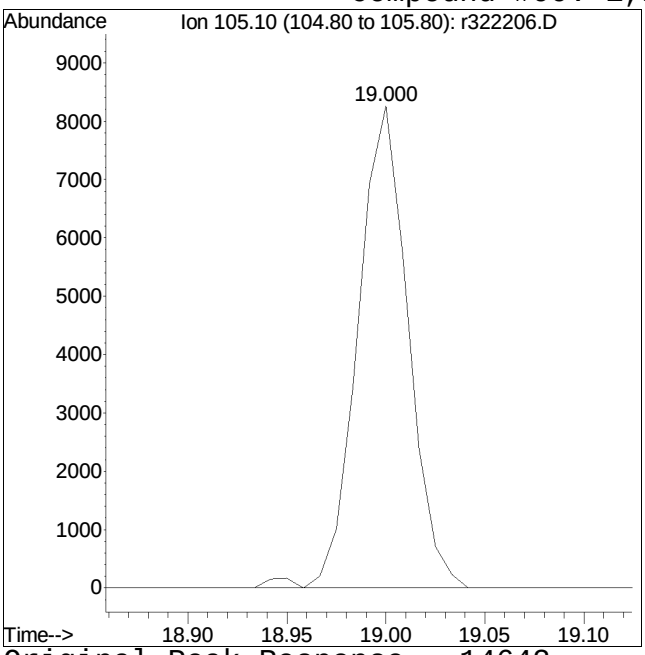
Manual Peak Response = 4106 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

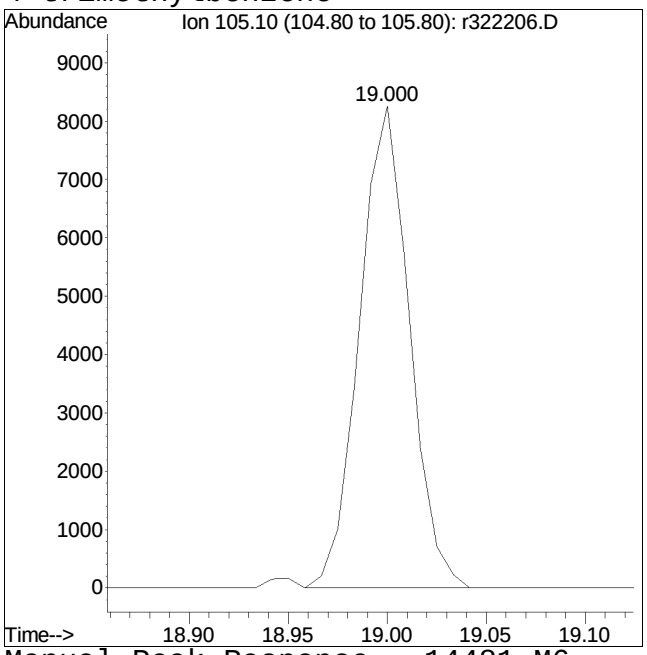
Manual Integration Report

Data Path : O:\Forensics\Data\AirpianoQMethod : TFS3_220516.M
Data File : r322206.D Operator : AIRPIANO3:TS
Date Inj'd : 5/18/2020 0:1: 7 Instrument :
Sample : L2225590-10,3,250,250 Quant Date : 5/19/2022 8:50 am

Compound #99: 1,2,4-trimethylbenzene



Original Peak Response = 14642



Manual Peak Response = 14481 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518T\
Data File : r322208.D
Acq On : 19 May 2022 1:07 AM
Operator : AIRPIANO3:TS
Sample : L2225590-09,3,250,250
Misc : WG1640147,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 19 18:03:32 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0518T\r322194.D
Sub List : TO15-NY-7-SIM - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.533	49	428242	10.000	ppbV	-0.03
Standard Area = 443368			Recovery =		96.59%	
43) 1,4-difluorobenzene	11.813	114	1283972	10.000	ppbV	-0.03
Standard Area = 1337389			Recovery =		96.01%	
67) chlorobenzene-D5	16.558	54	202285	10.000	ppbV	-0.02
Standard Area = 206902			Recovery =		97.77%	
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	3.940	85	21009	0.624	ppbV	100
6) chloromethane	4.120	50	11517	0.711	ppbV	99
7) Freon-114	4.246		0	N.D.		
10) 1,3-butadiene	4.546		0	N.D.		
13) bromomethane	4.858		0	N.D.		
14) chloroethane	0.000		0	N.D.		
15) ethanol	5.260	31	120967	7.352	ppbV	98
17) vinyl bromide	0.000		0	N.D.		
19) acetone	5.837	43	100750M6	4.294	ppbV	
21) trichlorofluoromethane	6.030	101	9377	0.306	ppbV	99
22) isopropyl alcohol	6.173	45	35689	1.264	ppbV	100
27) tertiary butyl alcohol	6.902	59	125669	3.578	ppbV	99
28) methylene chloride	6.974	49	4180	0.156	ppbV	99
29) 3-chloropropene	0.000		0	N.D.		
30) carbon disulfide	7.268	76	8368	0.137	ppbV #	29
31) Freon 113	7.310	101	3007	0.088	ppbV	95
32) trans-1,2-dichloroethene	0.000		0	N.D.		
33) 1,1-dichloroethane	0.000		0	N.D.		
34) MTBE	0.000		0	N.D.		
36) 2-butanone	8.858	43	13014	0.305	ppbV	97
38) Ethyl Acetate	9.667	61	448	0.064	ppbV	79
39) chloroform	9.700		0	N.D.		
40) Tetrahydrofuran	10.192	42	1651	0.067	ppbV	93
42) 1,2-dichloroethane	10.558		0	N.D.		
44) hexane	9.617	57	7155	0.195	ppbV #	42
50) benzene	11.373	78	14056	0.187	ppbV	98
53) cyclohexane	11.693	56	2024	0.053	ppbV #	94

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518T\
Data File : r322208.D
Acq On : 19 May 2022 1:07 AM
Operator : AIRPIANO3:TS
Sample : L2225590-09,3,250,250
Misc : WG1640147,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 19 18:03:32 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0518T\r322194.D
Sub List : TO15-NY-7-SIM - .

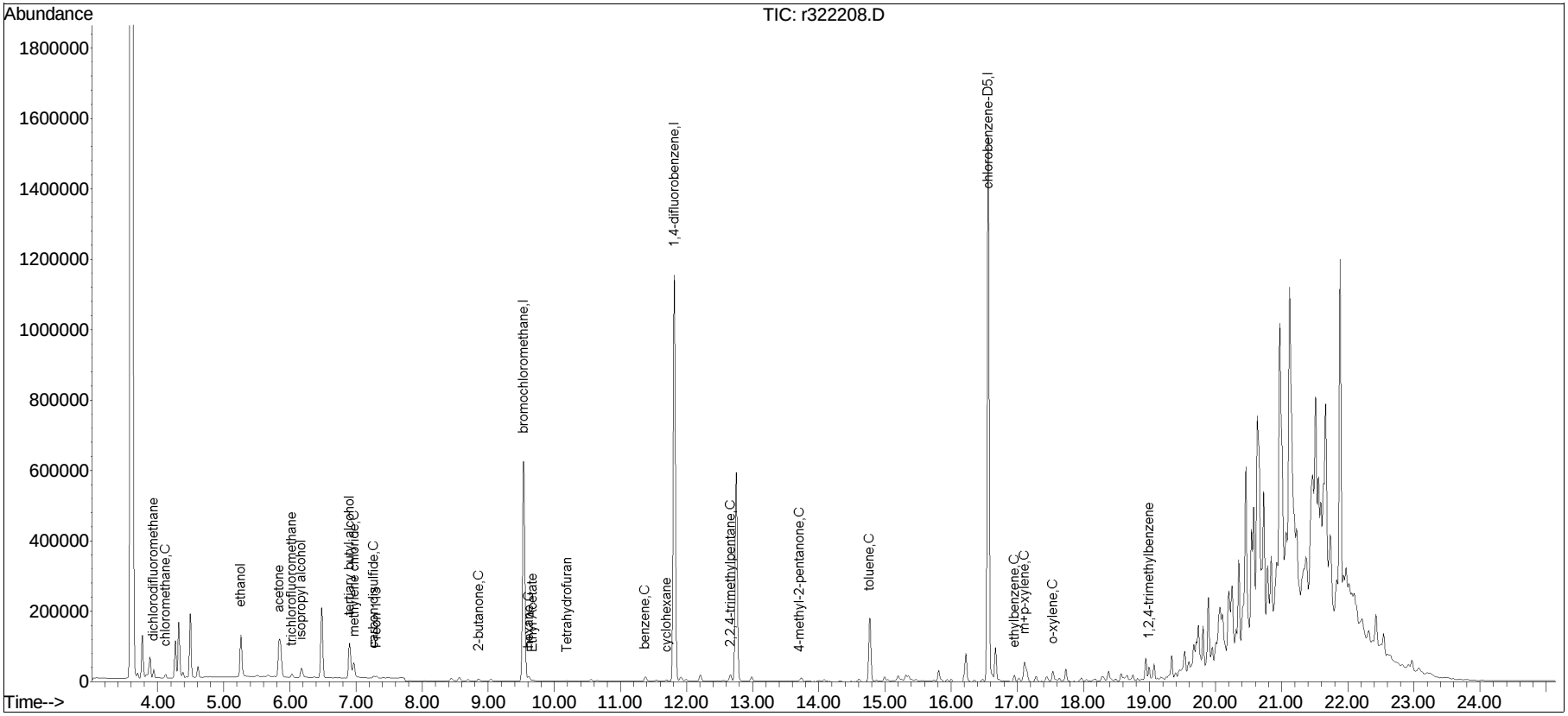
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) 1,2-dichloropropane	0.000		0	N.D.		
57) bromodichloromethane	12.660		0	N.D.		
58) 1,4-dioxane	12.667		0	N.D.		
60) 2,2,4-trimethylpentane	12.667	57	21543	0.190	ppbV	95
62) heptane	0.000		0	N.D.		
63) cis-1,3-dichloropropene	0.000		0	N.D.		
64) 4-methyl-2-pentanone	13.708	43	2535	0.052	ppbV #	86
65) trans-1,3-dichloropropene	0.000		0	N.D.		
66) 1,1,2-trichloroethane	0.000		0	N.D.		
68) toluene	14.767	91	163749	2.155	ppbV	98
72) 2-hexanone	15.100		0	N.D.		
74) dibromochloromethane	0.000		0	N.D.		
75) 1,2-dibromoethane	0.000		0	N.D.		
80) chlorobenzene	16.617		0	N.D.		
81) ethylbenzene	16.958	91	15379	0.169	ppbV	98
83) m+p-xylene	17.108	91	46315	0.622	ppbV	99
84) bromoform	0.000		0	N.D.		
85) styrene	17.450		0	N.D.		
86) 1,1,2,2-tetrachloroethane	17.592		0	N.D.		
87) o-xylene	17.542	91	18456	0.249	ppbV	100
96) 4-ethyl toluene	18.600		0	N.D.		
97) 1,3,5-trimethylbenzene	18.667		0	N.D.		
99) 1,2,4-trimethylbenzene	18.992	105	15898	0.175	ppbV #	55
101) Benzyl Chloride	19.175		0	N.D.		
102) 1,3-dichlorobenzene	19.183		0	N.D.		
103) 1,4-dichlorobenzene	19.183		0	N.D.		
107) 1,2-dichlorobenzene	0.000		0	N.D.		
115) 1,2,4-trichlorobenzene	20.925		0	N.D.		
119) hexachlorobutadiene	0.000		0	N.D.		

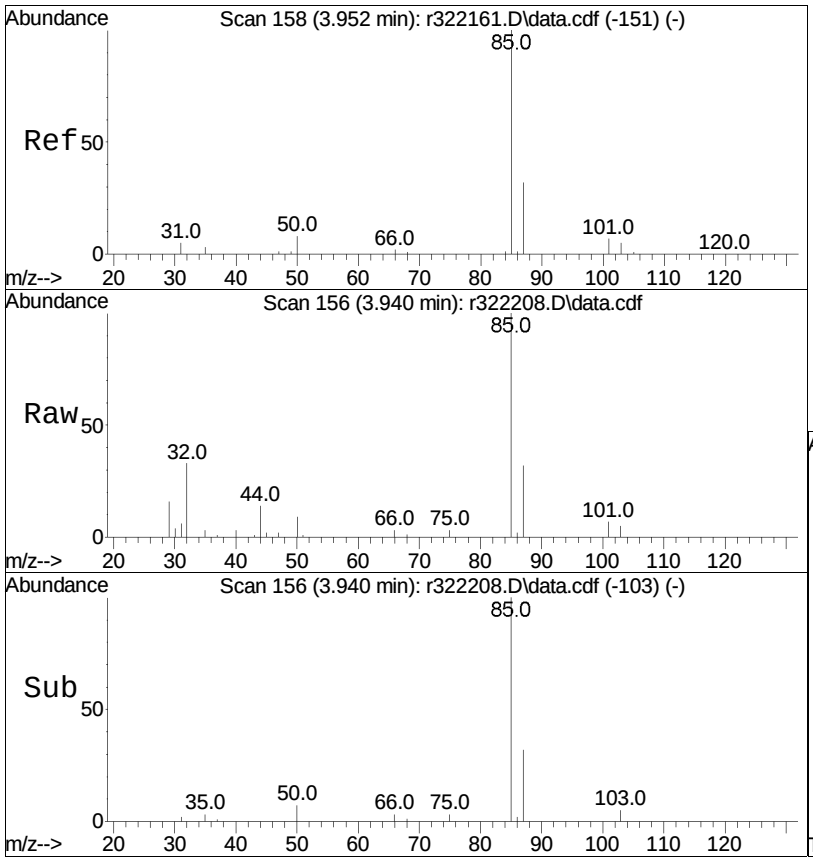
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : TO15-NY-7-SIM - .\Airpiano3\2022\05\0518T\r322194.D

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518T\
Data File : r322208.D
Acq On : 19 May 2022 1:07 AM
Operator : AIRPIANO3:TS
Sample : L2225590-09,3,250,250
Misc : WG1640147,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 19 18:03:32 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

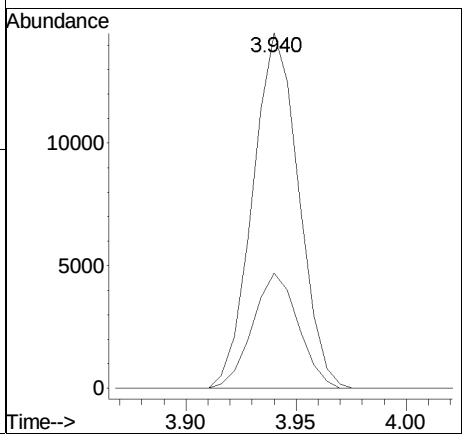


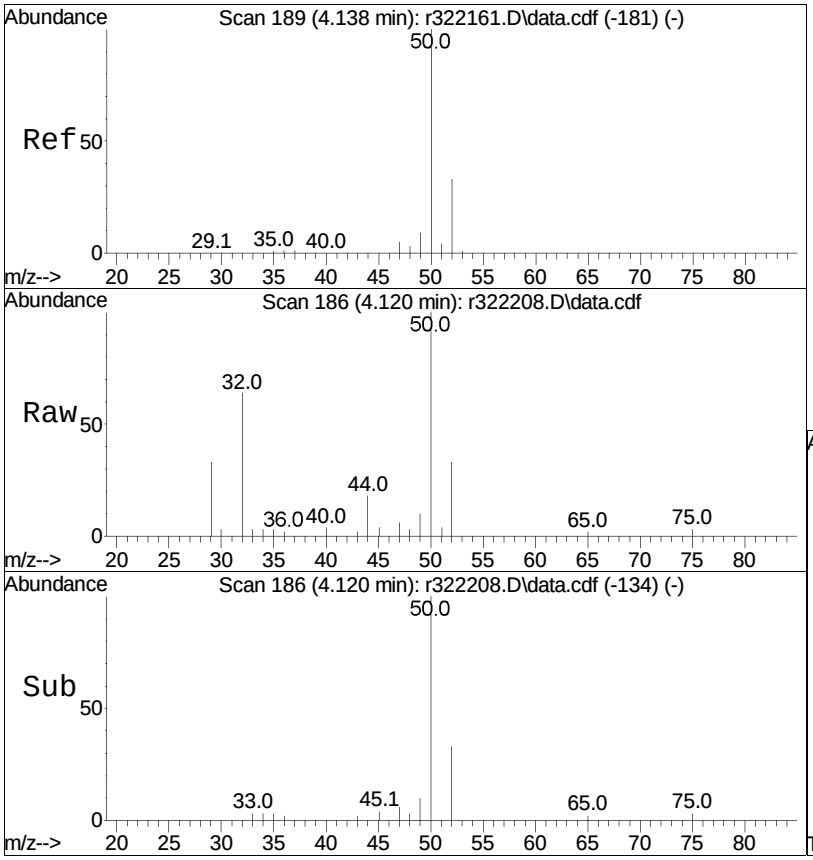


#5
dichlorodifluoromethane
Concen: 0.62 ppbV
RT: 3.940 min Scan# 156
Delta R.T. -0.012 min
Lab File: r322208.D
Acq: 19 May 2022 1:07 AM

Tgt Ion: 85 Resp: 21009

Ion	Ratio	Lower	Upper
85	100		
87	32.4	25.8	38.6

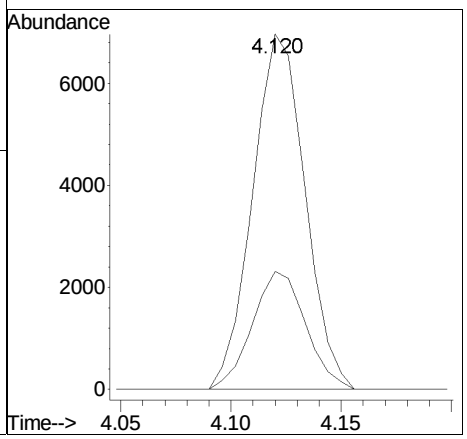


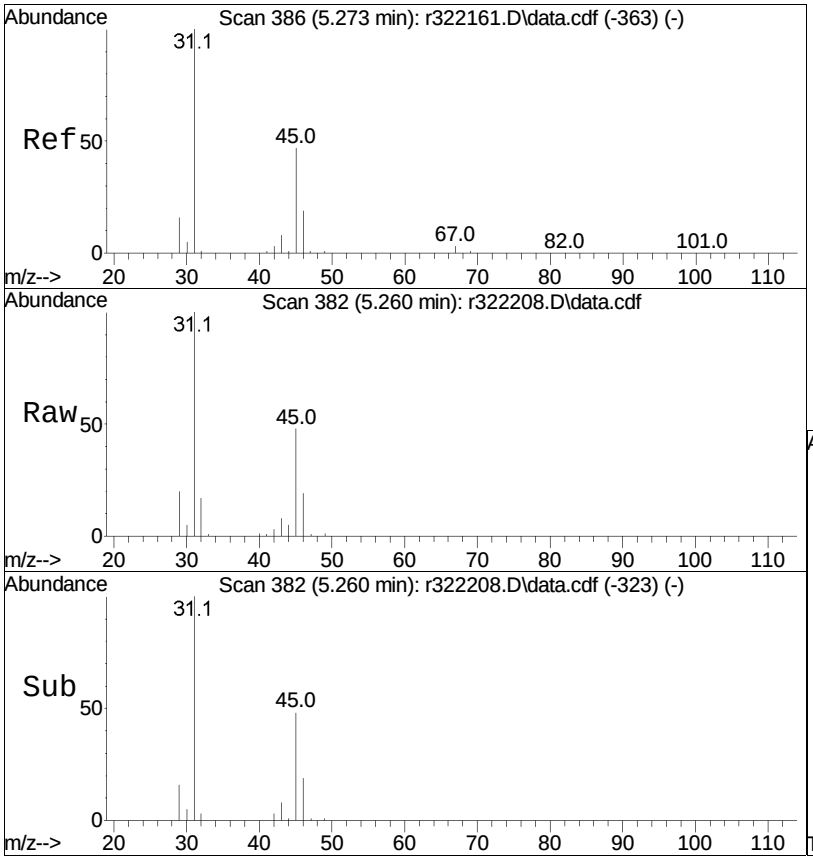


#6
chloromethane
Concen: 0.71 ppbV
RT: 4.120 min Scan# 186
Delta R.T. -0.018 min
Lab File: r322208.D
Acq: 19 May 2022 1:07 AM

Tgt Ion: 50 Resp: 11517

Ion	Ratio	Lower	Upper
50	100		
52	33.2	26.3	39.5

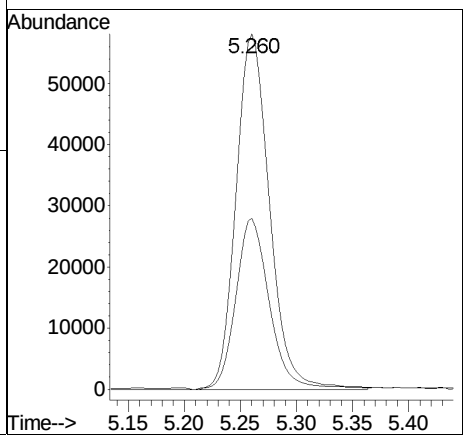


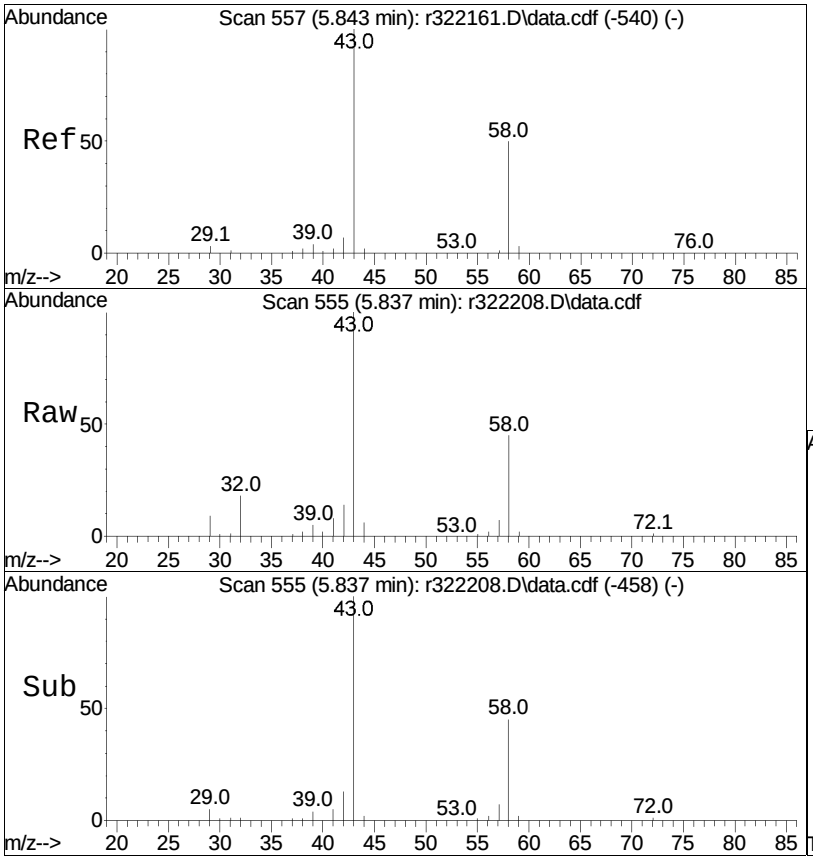


#15
ethanol
Concen: 7.35 ppbV
RT: 5.260 min Scan# 382
Delta R.T. -0.013 min
Lab File: r322208.D
Acq: 19 May 2022 1:07 AM

Tgt Ion: 31 Resp: 120967

Ion	Ratio	Lower	Upper
31	100		
45	48.2	37.6	56.4

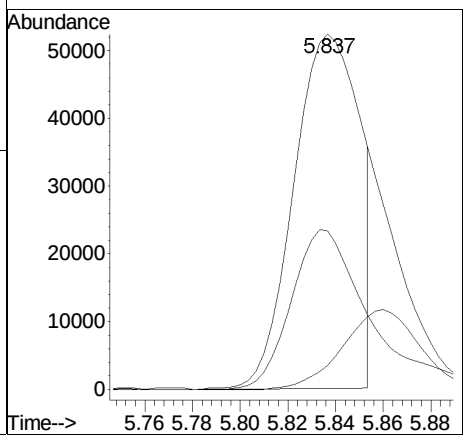


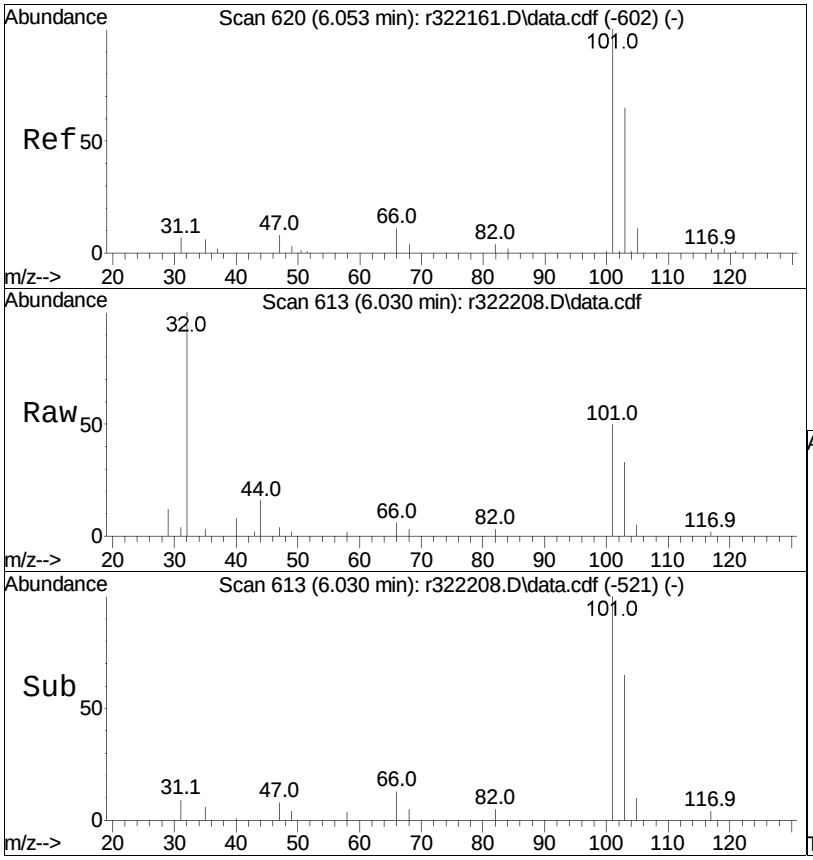


#19
acetone
Concen: 4.29 ppbV m
RT: 5.837 min Scan# 555
Delta R.T. -0.007 min
Lab File: r322208.D
Acq: 19 May 2022 1:07 AM

Tgt Ion: 43 Resp: 100750

Ion	Ratio	Lower	Upper
43	100		
58	44.6	39.8	59.8
57	6.8	1.0	1.6#

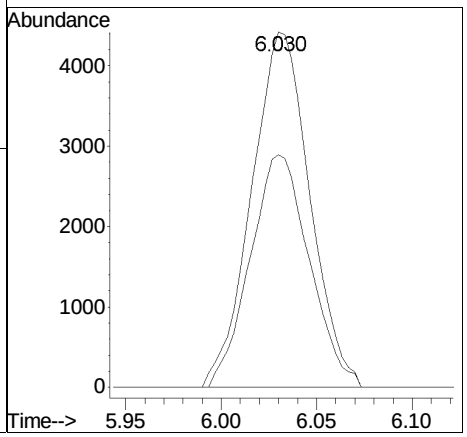


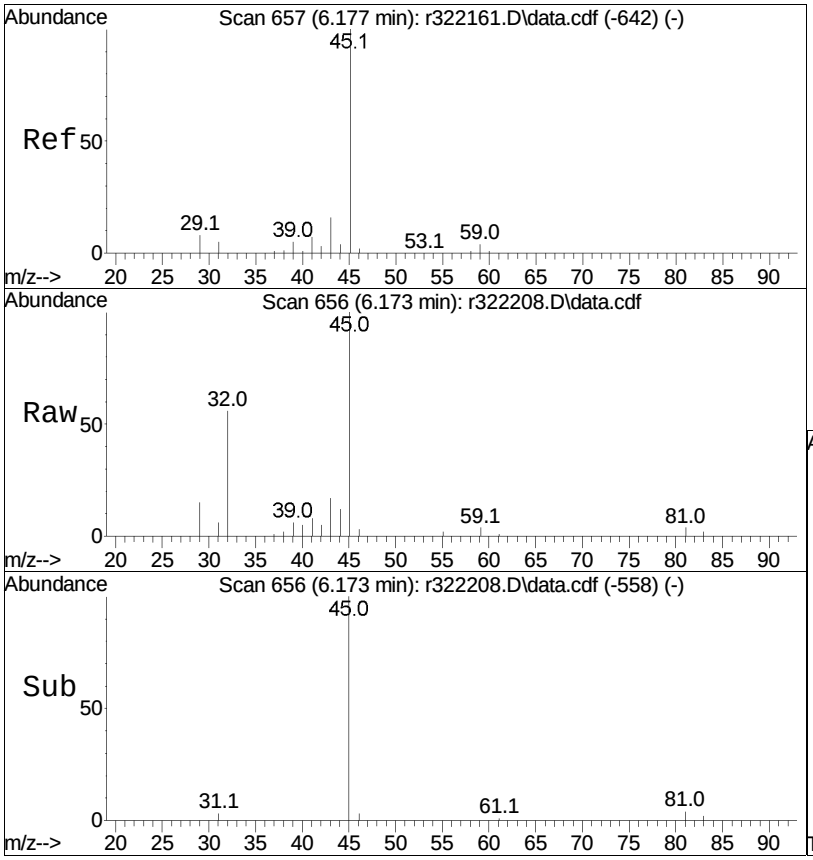


#21
trichlorofluoromethane
Concen: 0.31 ppbV
RT: 6.030 min Scan# 613
Delta R.T. -0.023 min
Lab File: r322208.D
Acq: 19 May 2022 1:07 AM

Tgt Ion:101 Resp: 9377

Ion	Ratio	Lower	Upper
101	100		
103	65.5	51.8	77.6

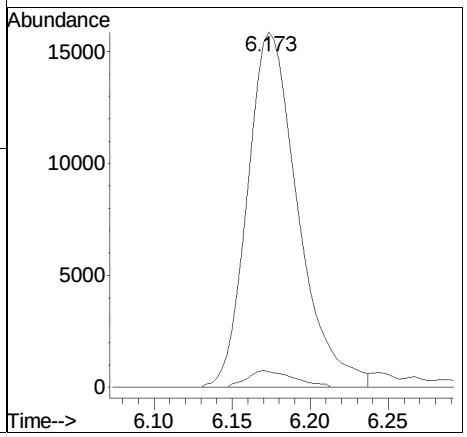


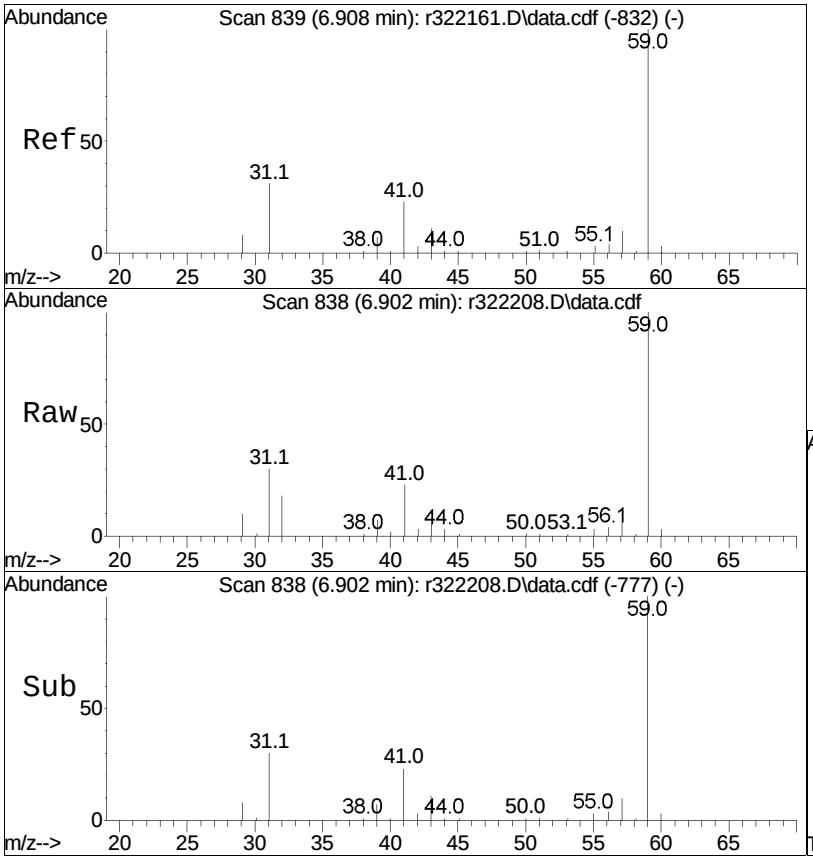


#22
isopropyl alcohol
Concen: 1.26 ppbV
RT: 6.173 min Scan# 656
Delta R.T. -0.003 min
Lab File: r322208.D
Acq: 19 May 2022 1:07 AM

Tgt Ion: 45 Resp: 35689

Ion	Ratio	Lower	Upper
45	100		
59	4.4	3.5	5.3

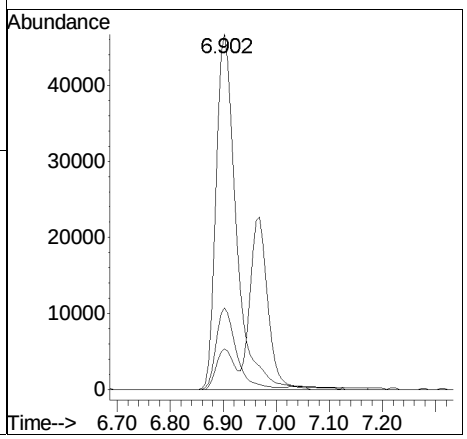


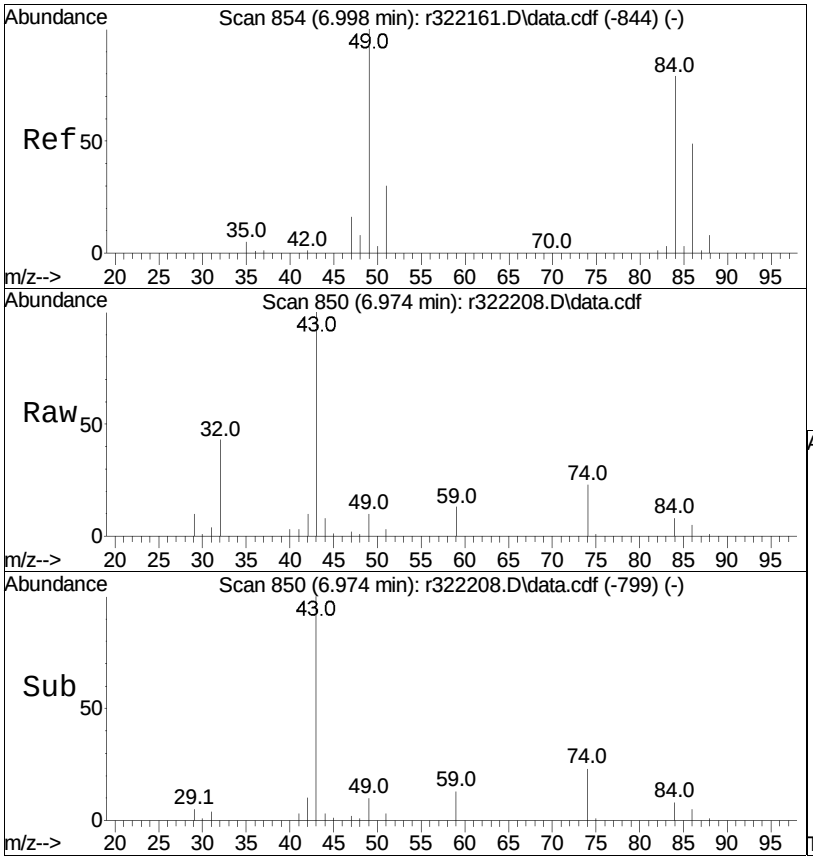


#27
tertiary butyl alcohol
Concen: 3.58 ppbV
RT: 6.902 min Scan# 838
Delta R.T. -0.006 min
Lab File: r322208.D
Acq: 19 May 2022 1:07 AM

Tgt Ion: 59 Resp: 125669

Ion	Ratio	Lower	Upper
59	100		
41	23.0	18.2	27.2
43	11.4	8.9	13.3

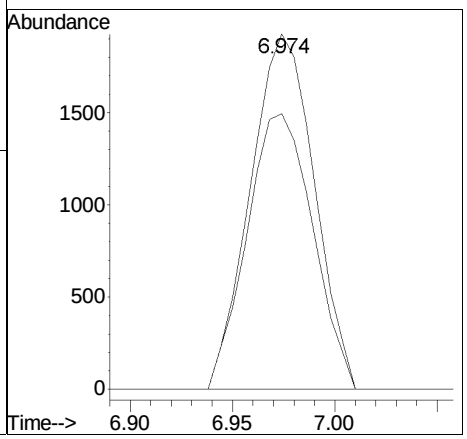


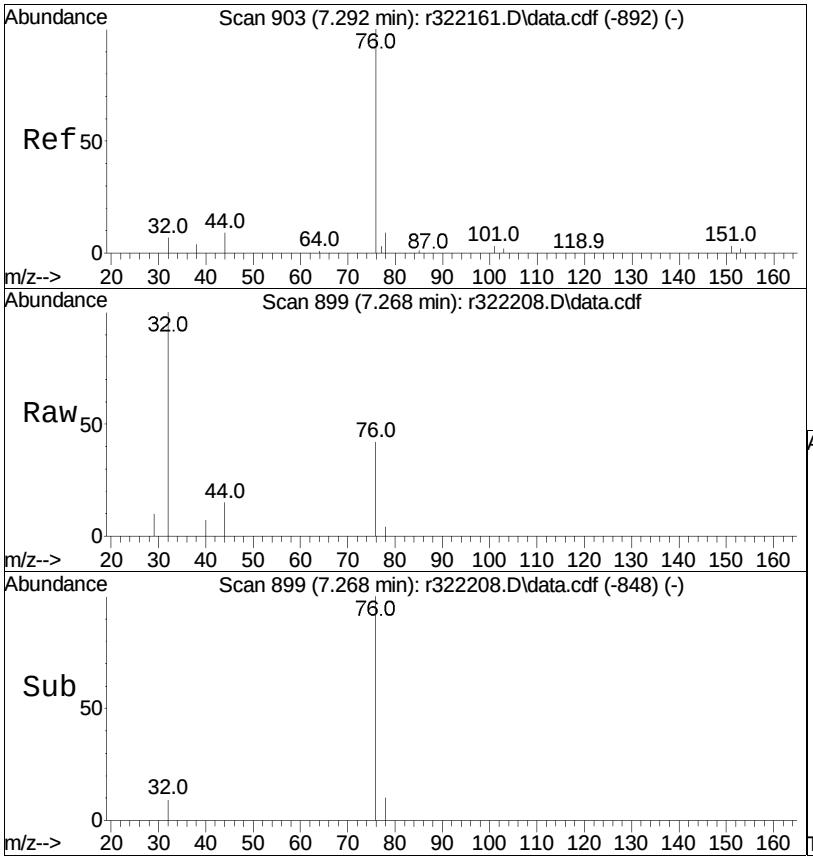


#28
methylene chloride
Concen: 0.16 ppbV
RT: 6.974 min Scan# 850
Delta R.T. -0.024 min
Lab File: r322208.D
Acq: 19 May 2022 1:07 AM

Tgt Ion: 49 Resp: 4180

Ion	Ratio	Lower	Upper
49	100		
84	77.6	63.0	94.6

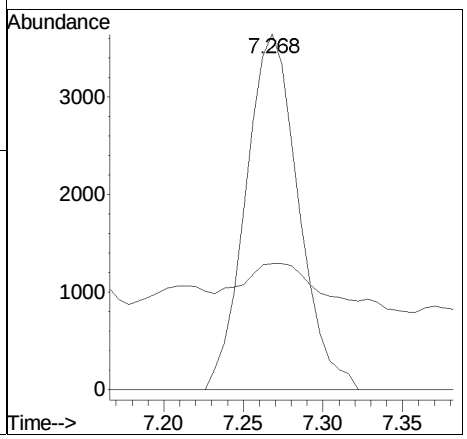


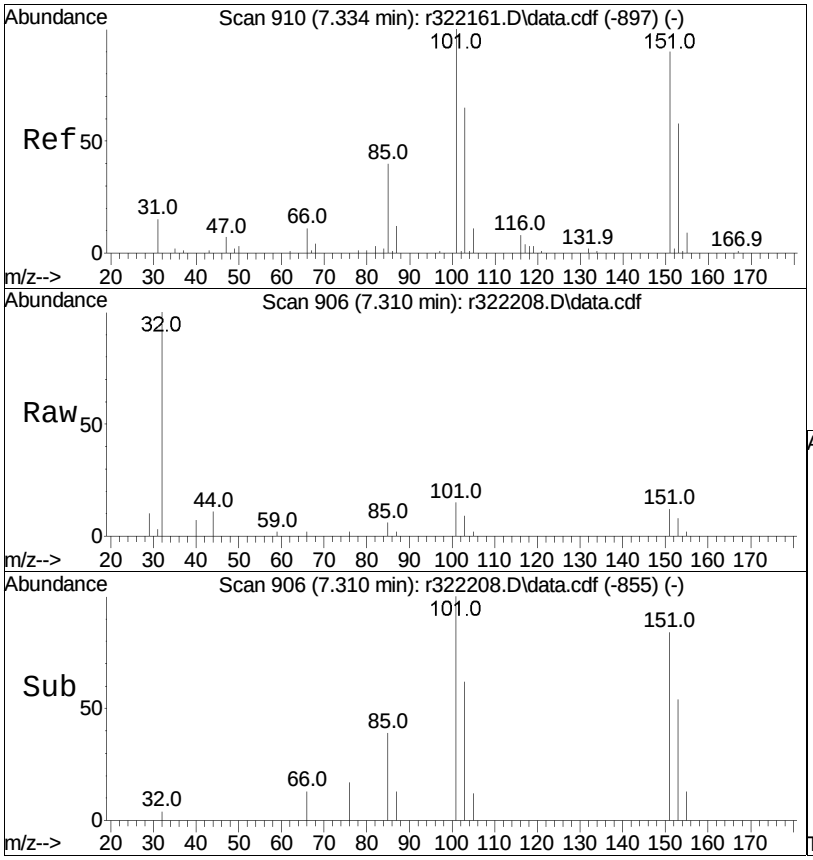


#30
carbon disulfide
Concen: 0.14 ppbV
RT: 7.268 min Scan# 899
Delta R.T. -0.024 min
Lab File: r322208.D
Acq: 19 May 2022 1:07 AM

Tgt Ion: 76 Resp: 8368

Ion	Ratio	Lower	Upper
76	100		
44	35.4	7.6	11.4#

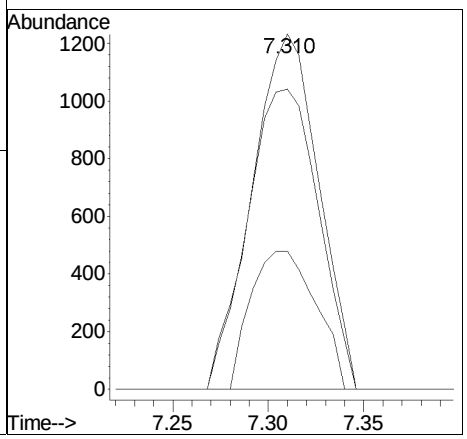


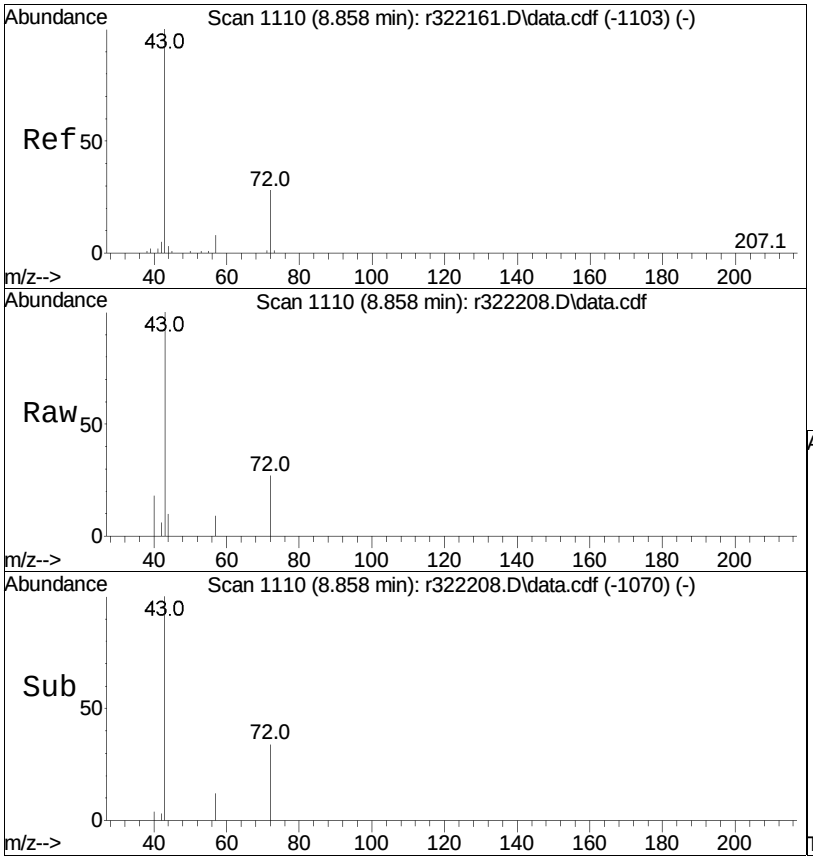


#31
Freon 113
Concen: 0.09 ppbV
RT: 7.310 min Scan# 906
Delta R.T. -0.024 min
Lab File: r322208.D
Acq: 19 May 2022 1:07 AM

Tgt Ion:101 Resp: 3007

Ion	Ratio	Lower	Upper
101	100		
85	38.9	31.8	47.8
151	84.5	72.2	108.4

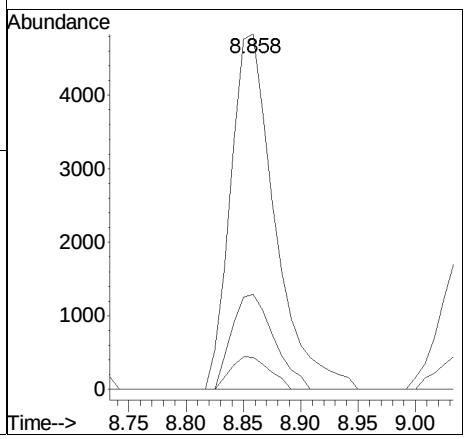


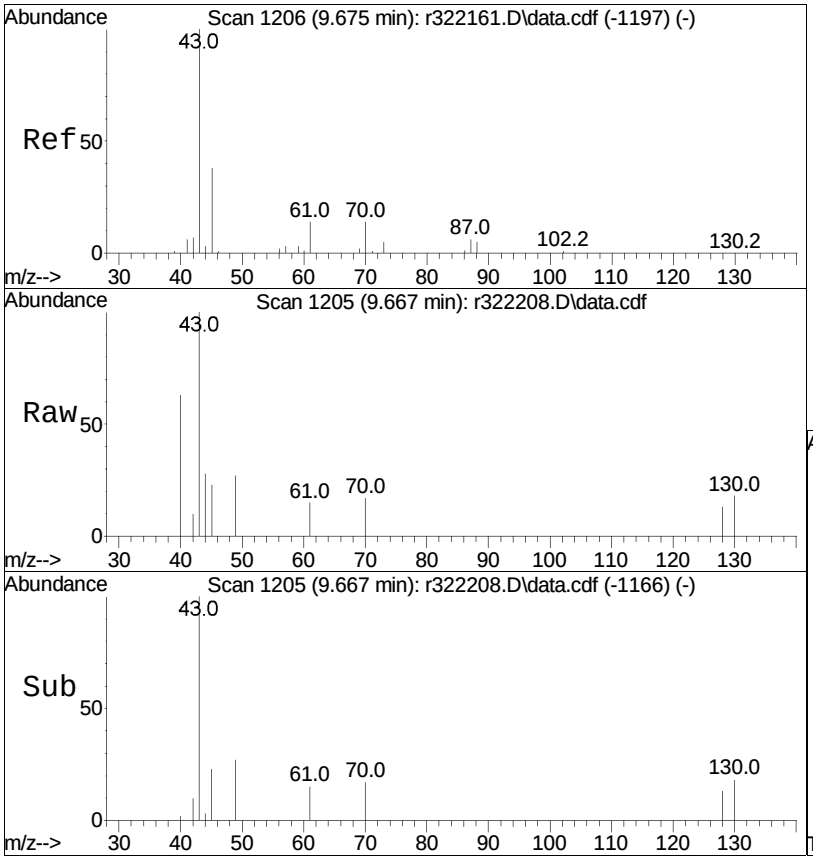


#36
2-butanone
Concen: 0.31 ppbV
RT: 8.858 min Scan# 1110
Delta R.T. 0.000 min
Lab File: r322208.D
Acq: 19 May 2022 1:07 AM

Tgt Ion: 43 Resp: 13014

Ion	Ratio	Lower	Upper
43	100		
72	26.8	22.6	33.8
57	9.1	6.6	10.0

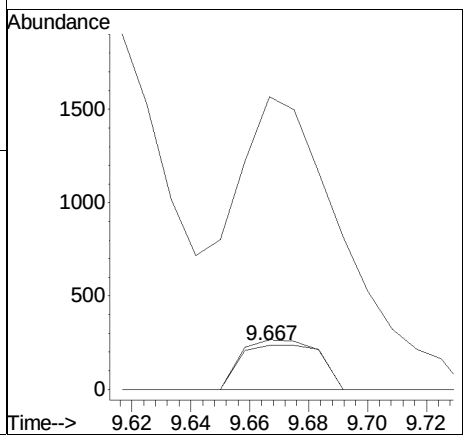


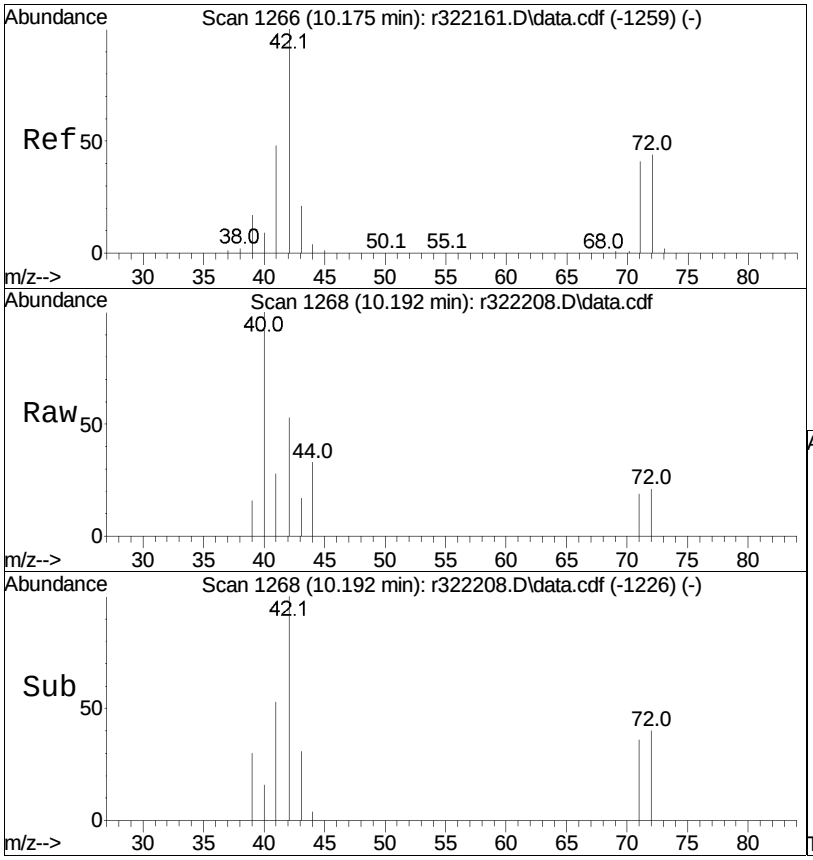


#38
Ethyl Acetate
Concen: 0.06 ppbV
RT: 9.667 min Scan# 1205
Delta R.T. -0.008 min
Lab File: r322208.D
Acq: 19 May 2022 1:07 AM

Tgt Ion: 61 Resp: 448

Ion	Ratio	Lower	Upper
61	100		
70	112.7	78.8	118.2
43	664.0	593.4	890.0

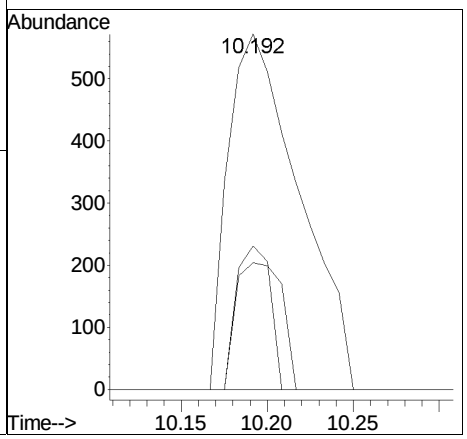


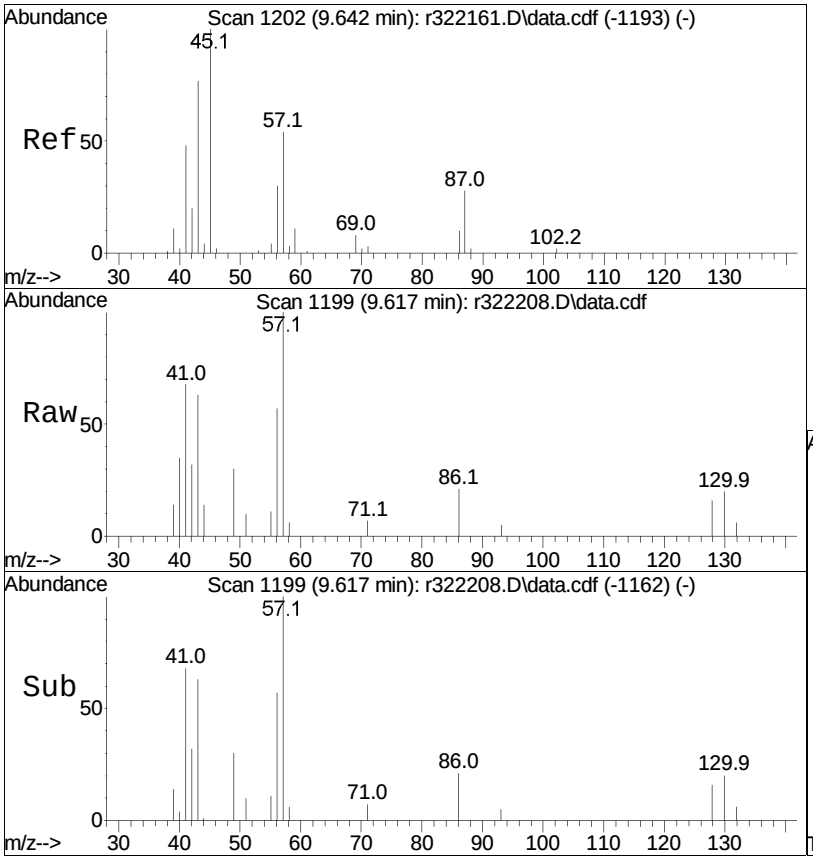


#40
Tetrahydrofuran
Concen: 0.07 ppbV
RT: 10.192 min Scan# 1268
Delta R.T. 0.017 min
Lab File: r322208.D
Acq: 19 May 2022 1:07 AM

Tgt Ion: 42 Resp: 1651

Ion	Ratio	Lower	Upper
42	100		
71	35.7	32.4	48.6
72	40.4	35.2	52.8

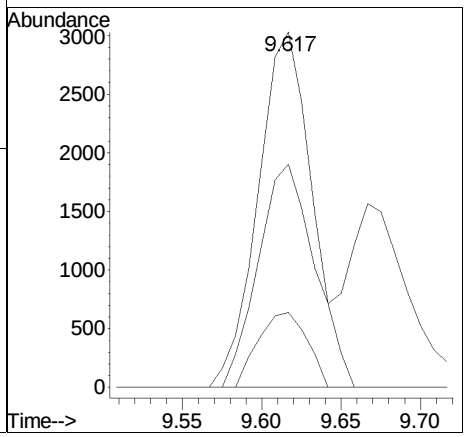


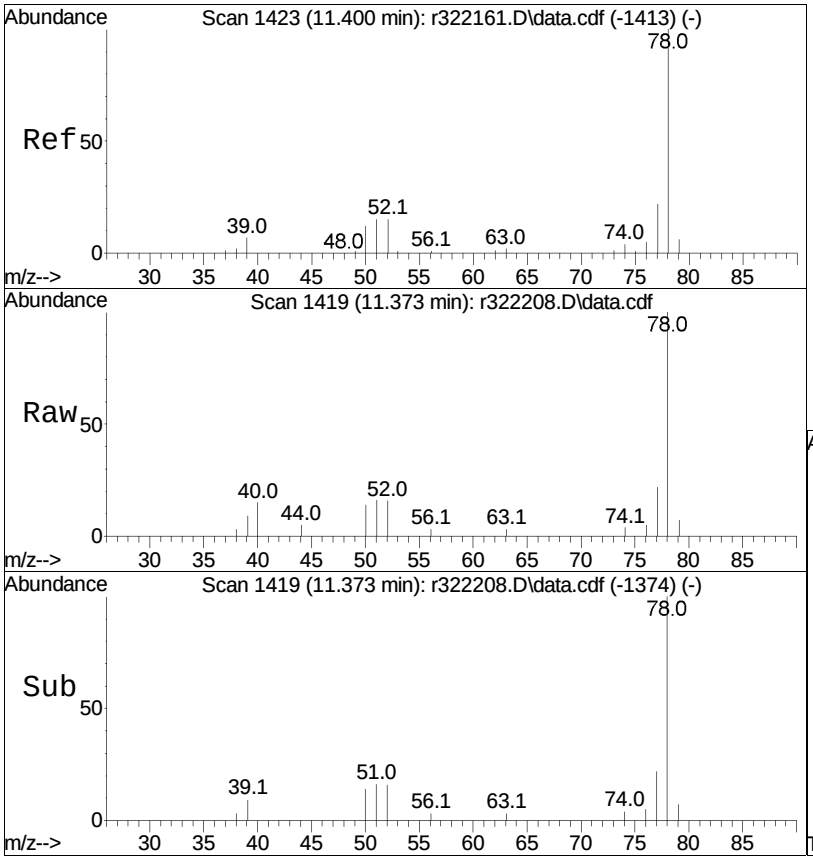


#44
hexane
Concen: 0.20 ppbV
RT: 9.617 min Scan# 1199
Delta R.T. -0.025 min
Lab File: r322208.D
Acq: 19 May 2022 1:07 AM

Tgt Ion: 57 Resp: 7155

Ion	Ratio	Lower	Upper
57	100		
43	62.8	115.0	172.6#
86	21.1	15.5	23.3

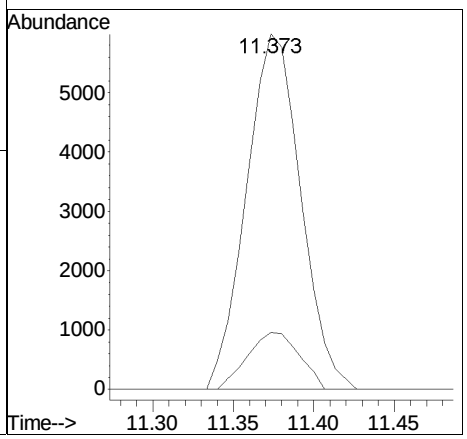


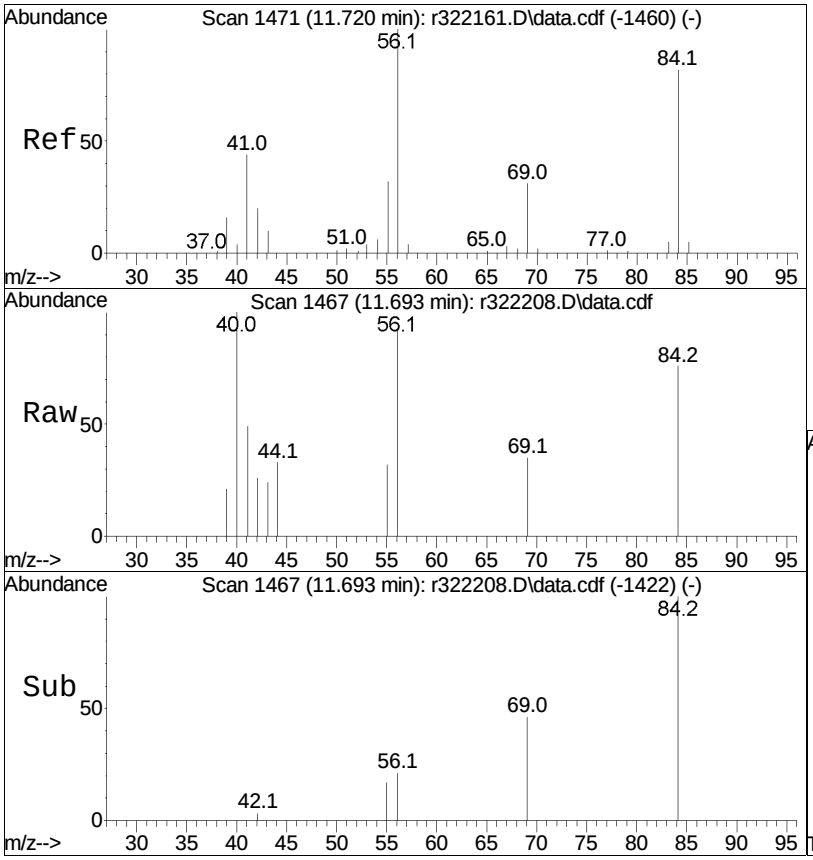


#50
benzene
Concen: 0.19 ppbV
RT: 11.373 min Scan# 1419
Delta R.T. -0.027 min
Lab File: r322208.D
Acq: 19 May 2022 1:07 AM

Tgt Ion: 78 Resp: 14056

Ion	Ratio	Lower	Upper
78	100		
52	16.1	12.2	18.2

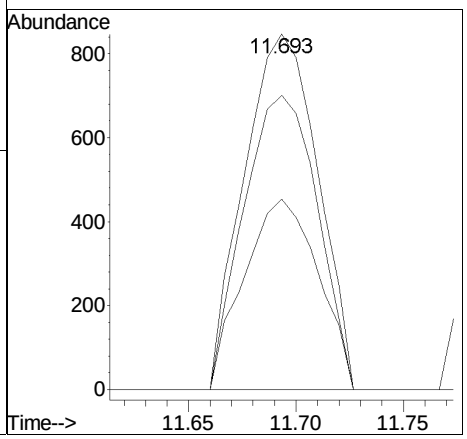


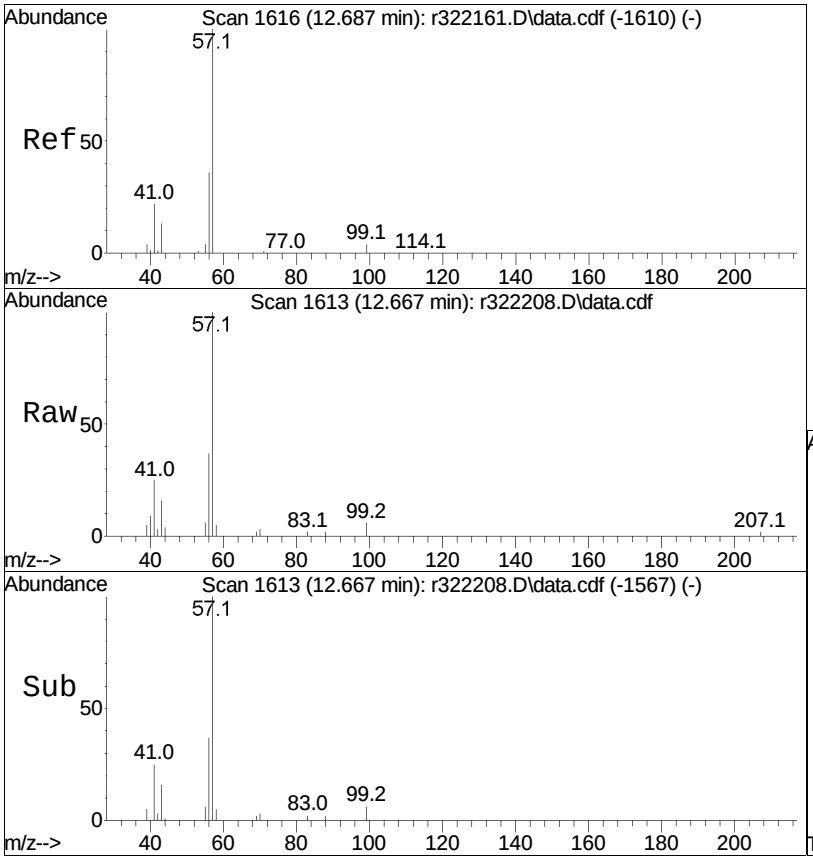


#53
cyclohexane
Concen: 0.05 ppbV
RT: 11.693 min Scan# 1467
Delta R.T. -0.027 min
Lab File: r322208.D
Acq: 19 May 2022 1:07 AM

Tgt Ion: 56 Resp: 2024

Ion	Ratio	Lower	Upper
56	100		
84	82.8	65.4	98.0
41	53.6	35.4	53.2#

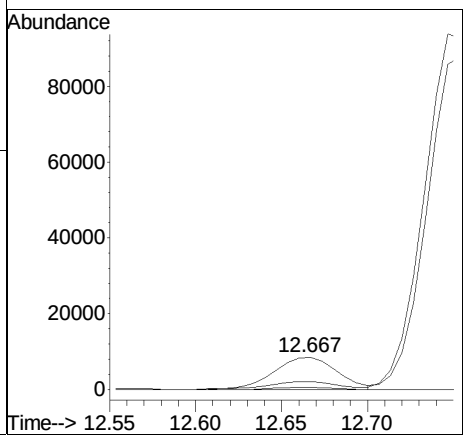


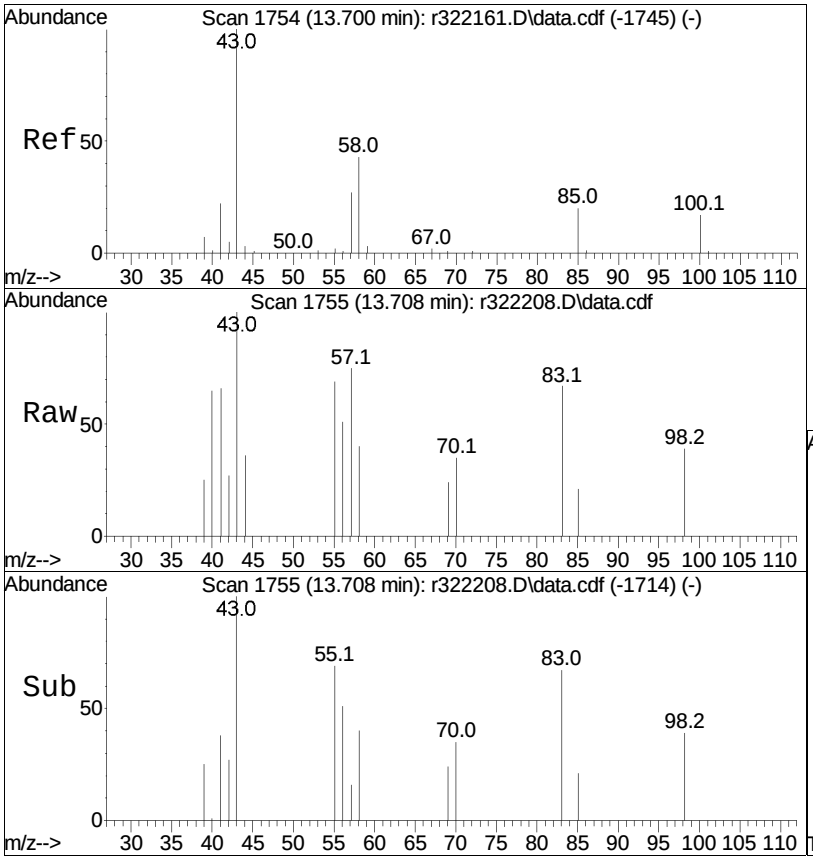


#60
2,2,4-trimethylpentane
Concen: 0.19 ppbV
RT: 12.667 min Scan# 1613
Delta R.T. -0.020 min
Lab File: r322208.D
Acq: 19 May 2022 1:07 AM

Tgt Ion: 57 Resp: 21543

Ion	Ratio	Lower	Upper
57	100		
99	6.3	5.0	7.4
41	24.6	17.4	26.2

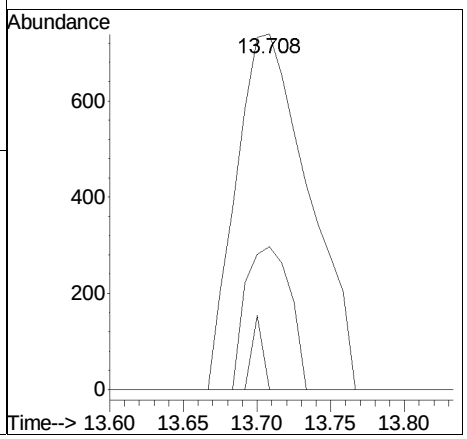


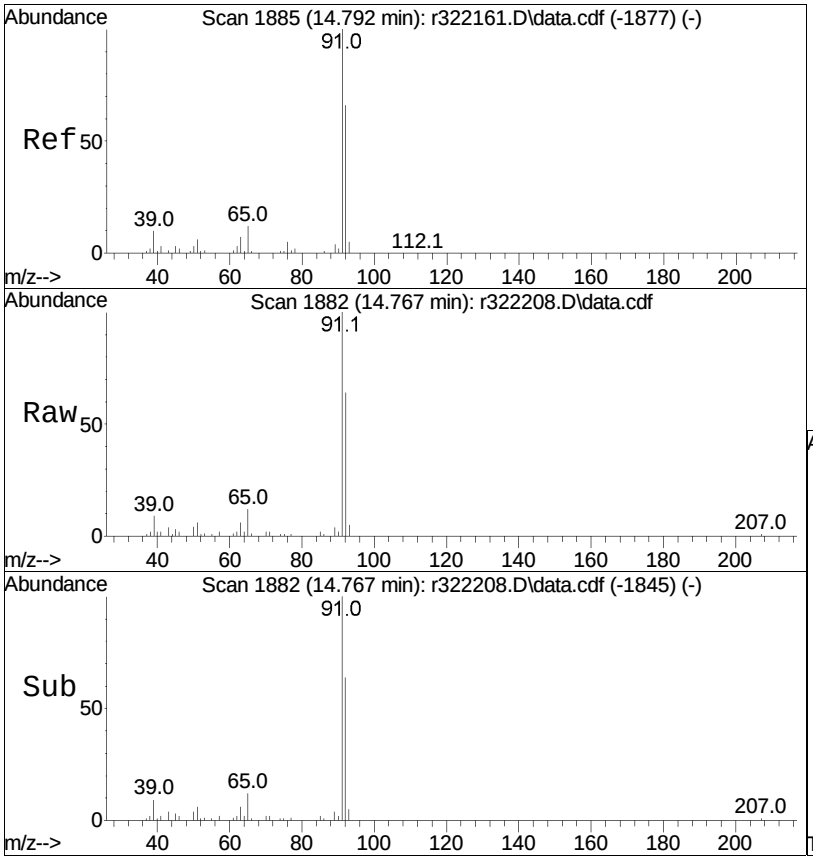


#64
4-methyl-2-pentanone
Concen: 0.05 ppbV
RT: 13.708 min Scan# 1755
Delta R.T. 0.008 min
Lab File: r322208.D
Acq: 19 May 2022 1:07 AM

Tgt Ion: 43 Resp: 2535

Ion	Ratio	Lower	Upper
43	100		
58	40.2	34.3	51.5
100	0.0	13.8	20.6#

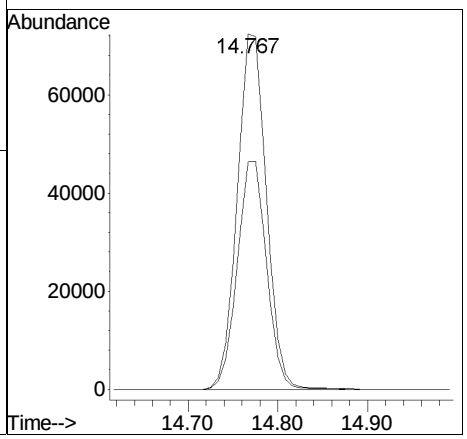


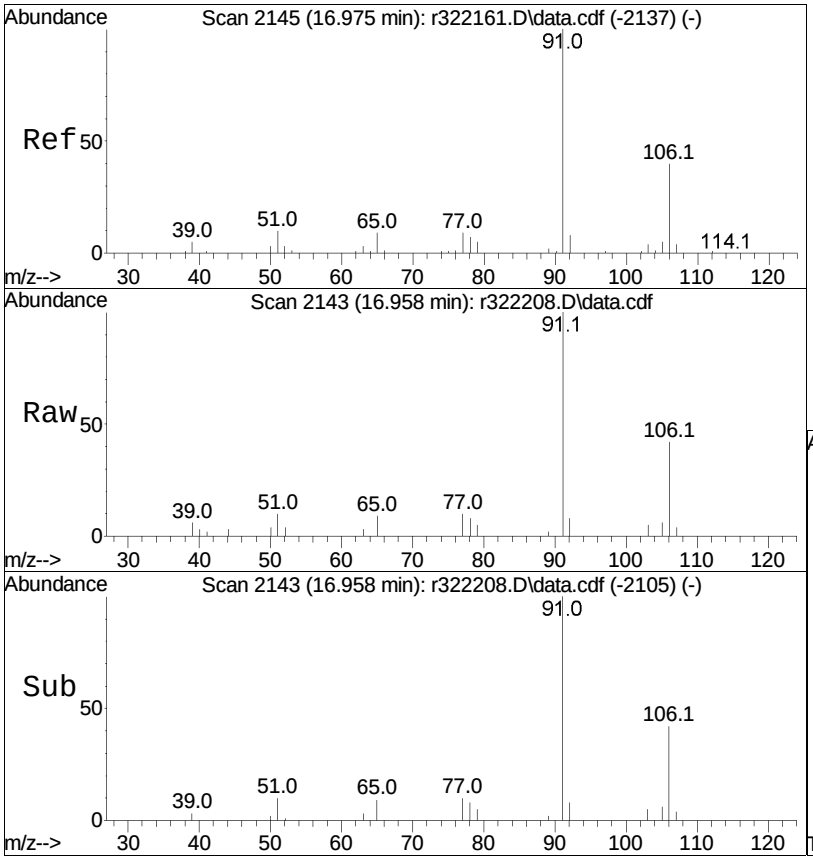


#68
toluene
Concen: 2.15 ppbV
RT: 14.767 min Scan# 1882
Delta R.T. -0.025 min
Lab File: r322208.D
Acq: 19 May 2022 1:07 AM

Tgt Ion: 91 Resp: 163749

Ion	Ratio	Lower	Upper
91	100		
92	64.0	52.7	79.1

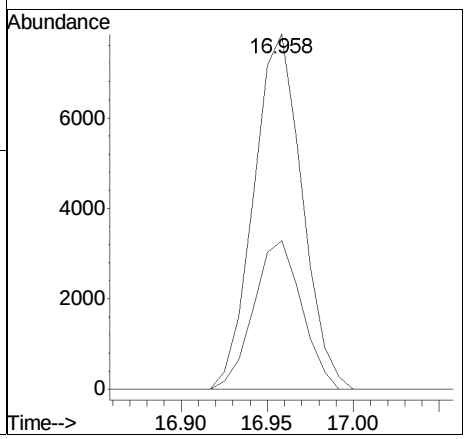


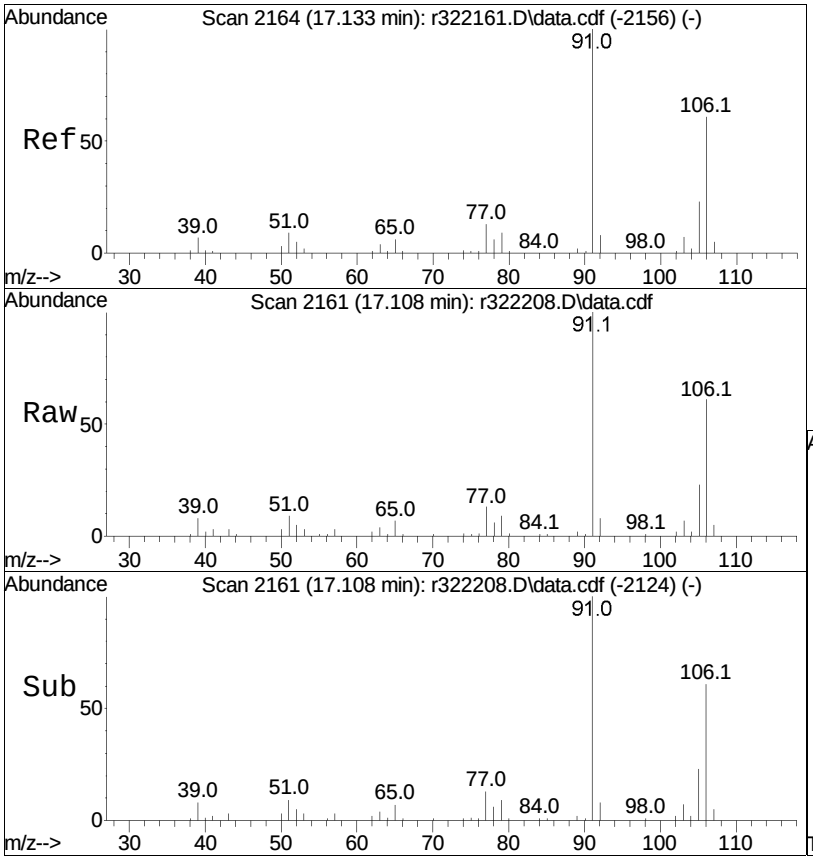


#81
ethylbenzene
Concen: 0.17 ppbV
RT: 16.958 min Scan# 2143
Delta R.T. -0.017 min
Lab File: r322208.D
Acq: 19 May 2022 1:07 AM

Tgt Ion: 91 Resp: 15379

Ion	Ratio	Lower	Upper
91	100		
106	41.8	32.4	48.6

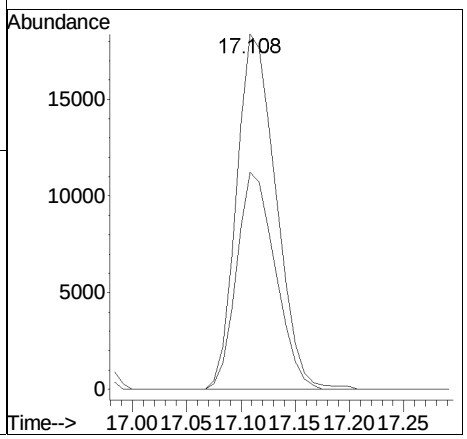


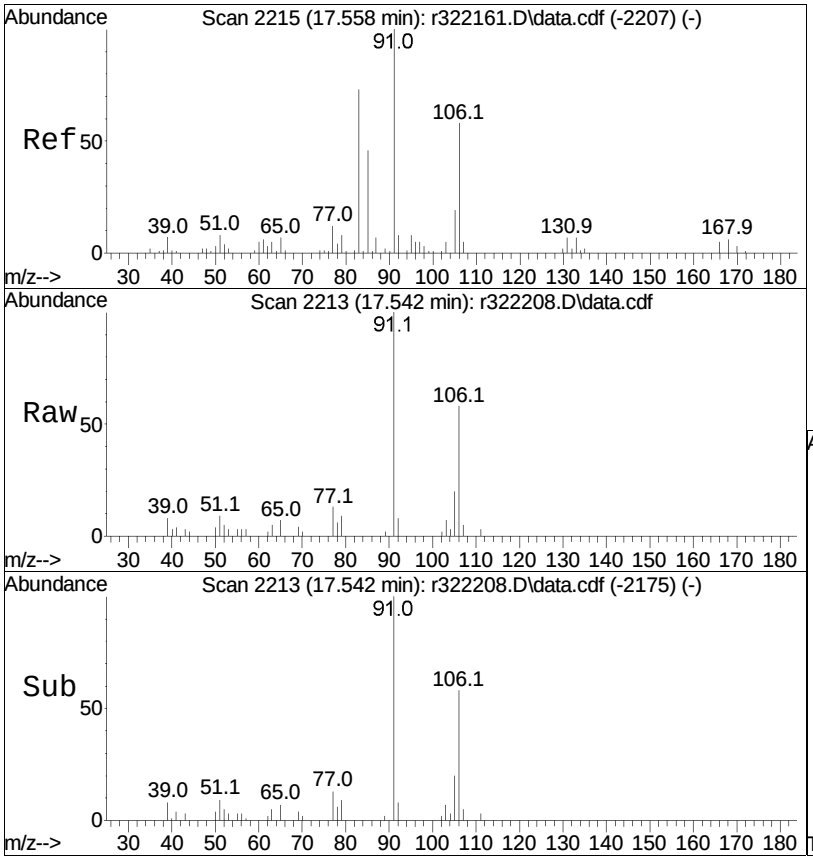


#83
m+p-xylene
Concen: 0.62 ppbV
RT: 17.108 min Scan# 2161
Delta R.T. -0.025 min
Lab File: r322208.D
Acq: 19 May 2022 1:07 AM

Tgt Ion: 91 Resp: 46315

Ion	Ratio	Lower	Upper
91	100		
106	61.1	48.4	72.6

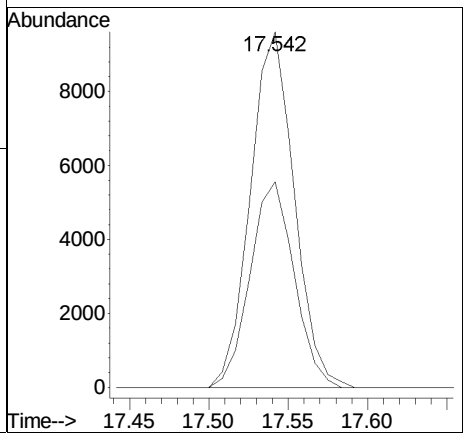


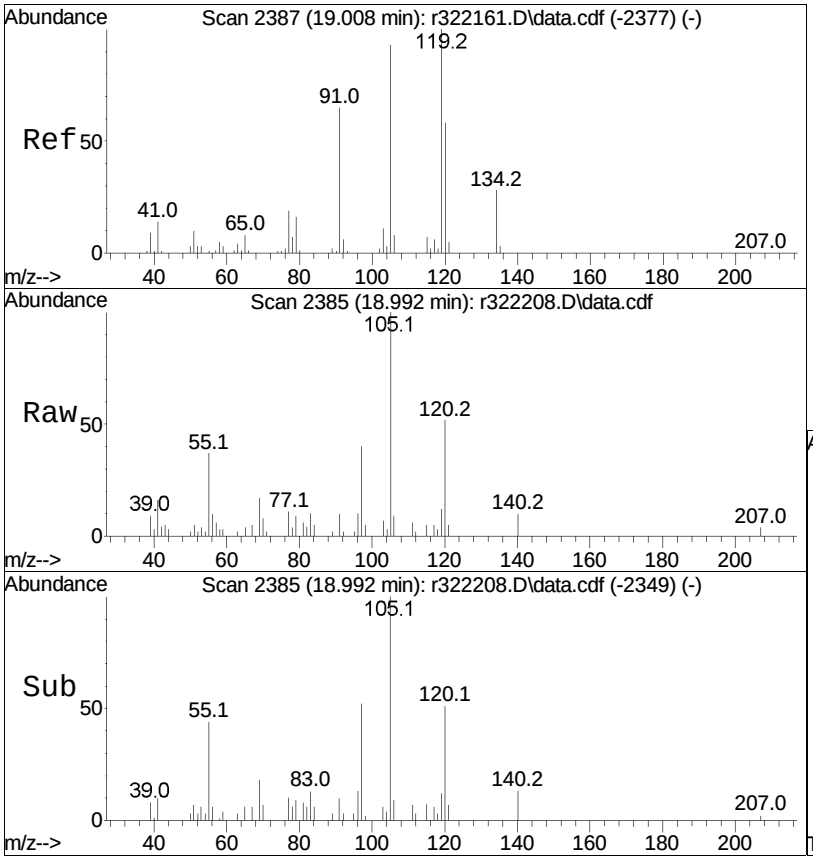


#87
o-xylene
Concen: 0.25 ppbV
RT: 17.542 min Scan# 2213
Delta R.T. -0.017 min
Lab File: r322208.D
Acq: 19 May 2022 1:07 AM

Tgt Ion: 91 Resp: 18456

Ion	Ratio	Lower	Upper
91	100		
106	57.9	46.4	69.6

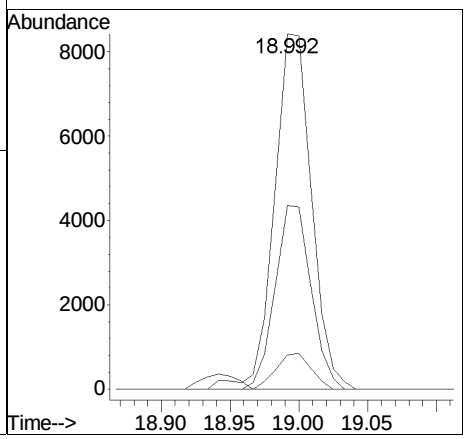




#99
1,2,4-trimethylbenzene
Concen: 0.18 ppbV
RT: 18.992 min Scan# 2385
Delta R.T. -0.017 min
Lab File: r322208.D
Acq: 19 May 2022 1:07 AM

Tgt Ion:105 Resp: 15898

Ion	Ratio	Lower	Upper
105	100		
120	51.8	49.4	74.2
91	9.7	55.8	83.8#

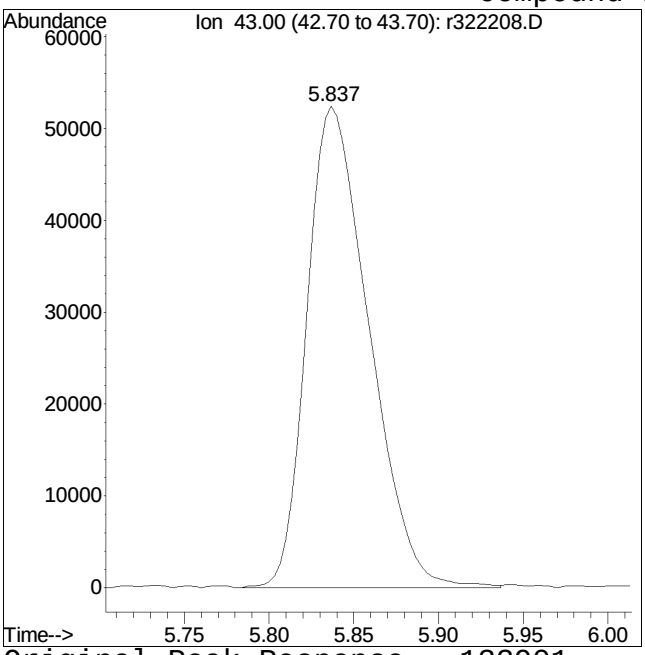


Manual Integration Report

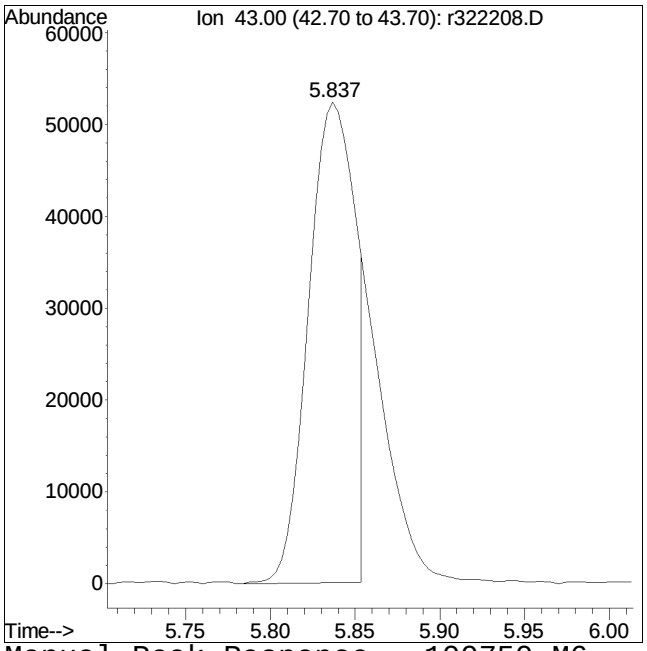
Data Path : O:\Forensics\Data\AirpianoQ
Data File : r322208.D
Date Inj'd : 5/19/2020 0:1: 7
Sample : L2225590-09,3,250,250

Method : TFS3_220516.M
Operator : AIRPIANO3:TS
Instrument :
Quant Date : 5/19/2022 8:51 am

Compound #19: acetone



Original Peak Response = 133901



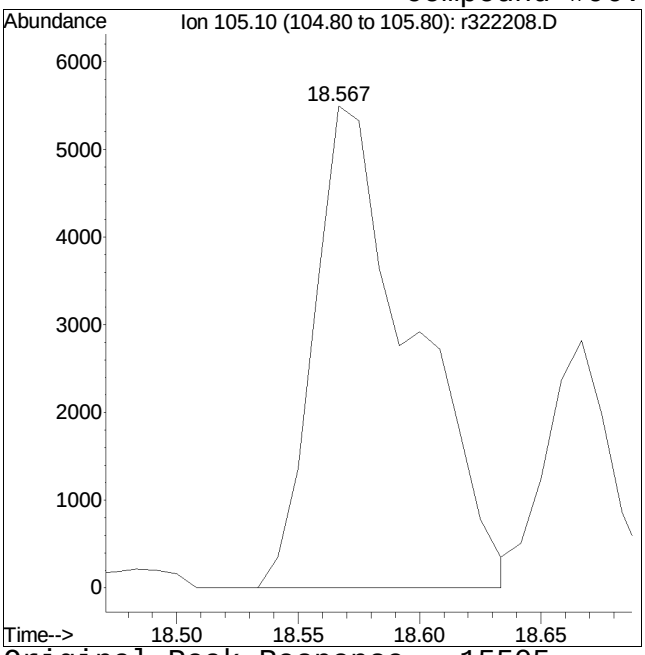
Manual Peak Response = 100750 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

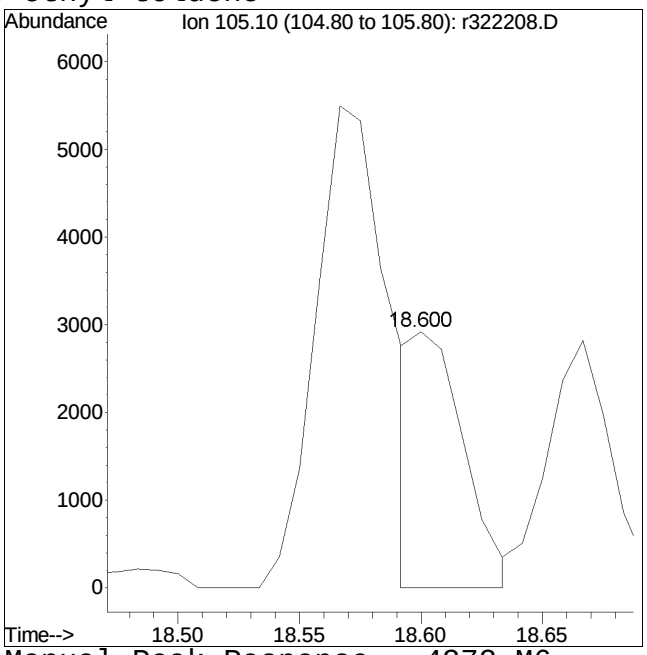
Manual Integration Report

Data Path : O:\Forensics\Data\AirpianoQMethod : TFS3_220516.M
Data File : r322208.D Operator : AIRPIANO3:TS
Date Inj'd : 5/19/2020 0:1: 7 Instrument :
Sample : L2225590-09,3,250,250 Quant Date : 5/19/2022 8:51 am

Compound #96: 4-ethyl toluene



Original Peak Response = 15505



Manual Peak Response = 4272 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518T\
Data File : r322209.D
Acq On : 19 May 2022 1:46 AM
Operator : AIRPIANO3:TS
Sample : L2225590-08,3,250,250
Misc : WG1640147,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 19 18:06:24 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0518T\r322194.D
Sub List : TO15-NY-7-SIM - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.542	49	439167	10.000	ppbV	-0.03
Standard Area = 443368			Recovery =	99.05%		
43) 1,4-difluorobenzene	11.813	114	1320992	10.000	ppbV	-0.03
Standard Area = 1337389			Recovery =	98.77%		
67) chlorobenzene-D5	16.558	54	205701	10.000	ppbV	-0.02
Standard Area = 206902			Recovery =	99.42%		
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	3.946	85	20502	0.594	ppbV	99
6) chloromethane	4.126	50	11021	0.664	ppbV	98
7) Freon-114	4.252		0	N.D.		
10) 1,3-butadiene	4.546		0	N.D.		
13) bromomethane	4.864		0	N.D.		
14) chloroethane	0.000		0	N.D.		
15) ethanol	5.263	31	108617	6.437	ppbV	100
17) vinyl bromide	0.000		0	N.D.		
19) acetone	5.840	43	101781M6	4.231	ppbV	
21) trichlorofluoromethane	6.033	101	10133	0.323	ppbV	98
22) isopropyl alcohol	6.167	45	43707	1.510	ppbV	100
27) tertiary butyl alcohol	6.884	59	1088326	30.214	ppbV	98
28) methylene chloride	6.974	49	4091	0.149	ppbV	99
29) 3-chloropropene	0.000		0	N.D.		
30) carbon disulfide	7.268	76	5878	0.094	ppbV #	1
31) Freon 113	7.310	101	2909	0.083	ppbV	94
32) trans-1,2-dichloroethene	0.000		0	N.D.		
33) 1,1-dichloroethane	0.000		0	N.D.		
34) MTBE	0.000		0	N.D.		
36) 2-butanone	8.850	43	18596	0.425	ppbV	99
38) Ethyl Acetate	9.667	61	613	0.086	ppbV #	55
39) chloroform	9.700		0	N.D.		
40) Tetrahydrofuran	10.183	42	4046	0.160	ppbV	98
42) 1,2-dichloroethane	10.558		0	N.D.		
44) hexane	9.617	57	11171	0.297	ppbV #	42
50) benzene	11.373	78	13518	0.175	ppbV	97
53) cyclohexane	11.693	56	3140	0.080	ppbV	92

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518T\
Data File : r322209.D
Acq On : 19 May 2022 1:46 AM
Operator : AIRPIANO3:TS
Sample : L2225590-08,3,250,250
Misc : WG1640147,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 19 18:06:24 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0518T\r322194.D
Sub List : TO15-NY-7-SIM - .

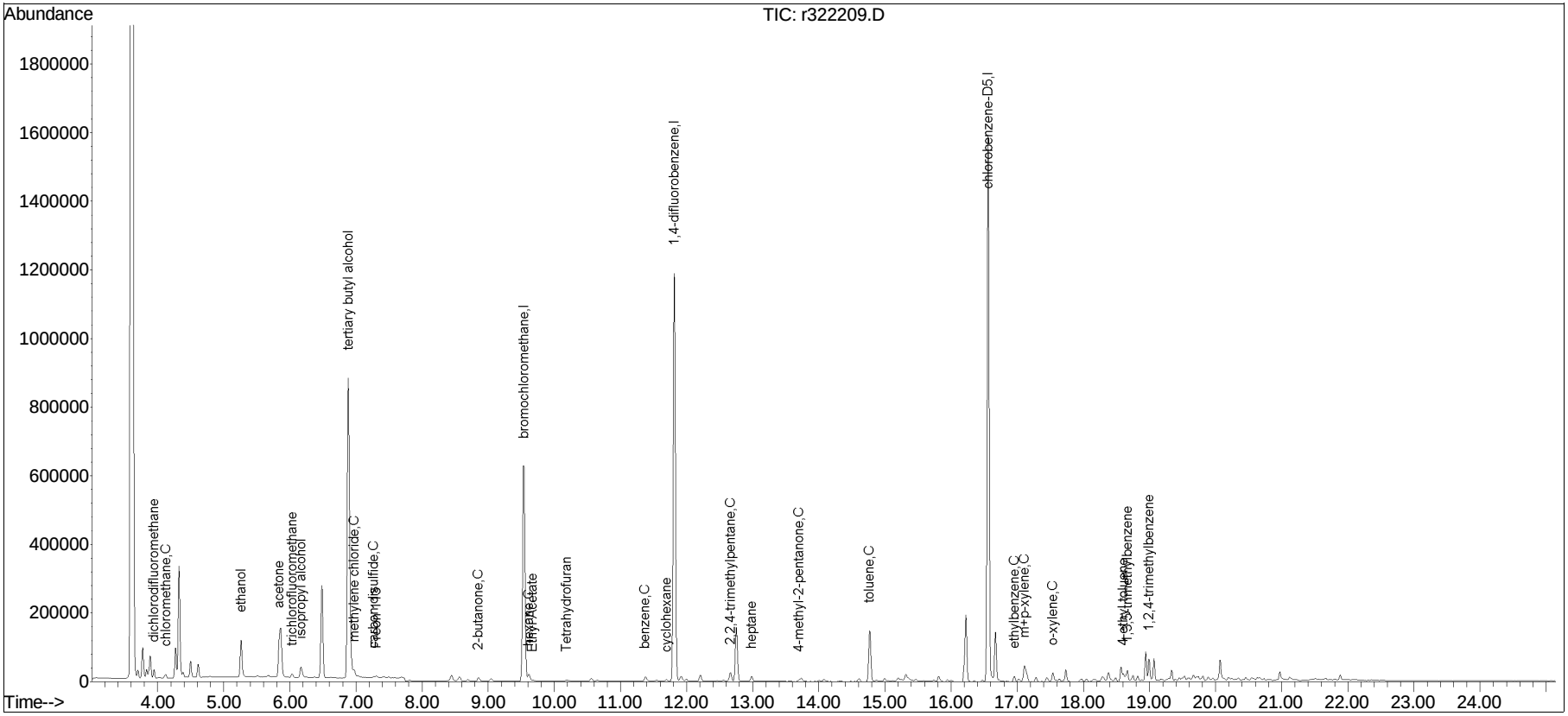
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) 1,2-dichloropropane	0.000		0	N.D.		
57) bromodichloromethane	12.560		0	N.D.		
58) 1,4-dioxane	12.660		0	N.D.		
60) 2,2,4-trimethylpentane	12.667	57	29316	0.252	ppbV	97
62) heptane	12.987	43	8833	0.204	ppbV	96
63) cis-1,3-dichloropropene	0.000		0	N.D.		
64) 4-methyl-2-pentanone	13.700	43	3848	0.077	ppbV	95
65) trans-1,3-dichloropropene	0.000		0	N.D.		
66) 1,1,2-trichloroethane	0.000		0	N.D.		
68) toluene	14.767	91	133947	1.733	ppbV	99
72) 2-hexanone	15.100		0	N.D.		
74) dibromochloromethane	0.000		0	N.D.		
75) 1,2-dibromoethane	0.000		0	N.D.		
80) chlorobenzene	16.617		0	N.D.		
81) ethylbenzene	16.958	91	13670	0.147	ppbV	99
83) m+p-xylene	17.108	91	40228	0.531	ppbV	98
84) bromoform	0.000		0	N.D.		
85) styrene	17.450		0	N.D.		
86) 1,1,2,2-tetrachloroethane	17.592		0	N.D.		
87) o-xylene	17.542	91	16589	0.220	ppbV	100
96) 4-ethyl toluene	18.600	105	9533M6	0.083	ppbV	
97) 1,3,5-trimethylbenzene	18.667	105	13913	0.132	ppbV	98
99) 1,2,4-trimethylbenzene	18.992	105	37006M6	0.401	ppbV	
101) Benzyl Chloride	19.175		0	N.D.		
102) 1,3-dichlorobenzene	19.183		0	N.D.		
103) 1,4-dichlorobenzene	19.183		0	N.D.		
107) 1,2-dichlorobenzene	0.000		0	N.D.		
115) 1,2,4-trichlorobenzene	0.000		0	N.D.		
119) hexachlorobutadiene	0.000		0	N.D.		

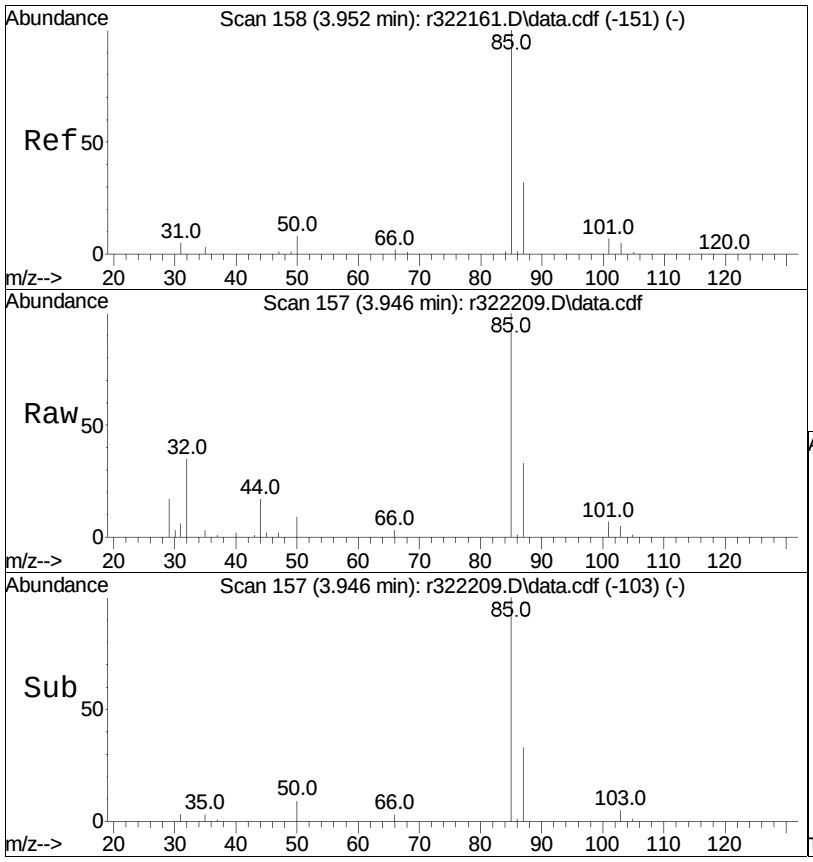
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : TO15-NY-7-SIM - .\Airpiano3\2022\05\0518T\r322194.D

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518T\
Data File : r322209.D
Acq On : 19 May 2022 1:46 AM
Operator : AIRPIANO3:TS
Sample : L2225590-08,3,250,250
Misc : WG1640147,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 19 18:06:24 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

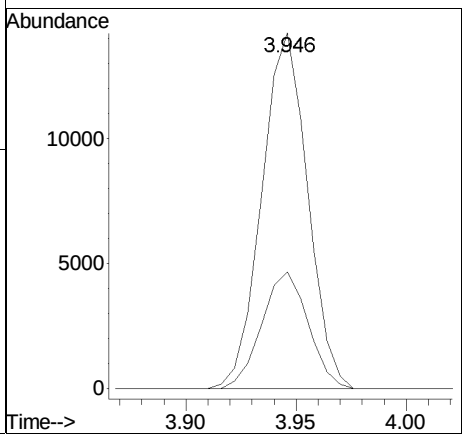


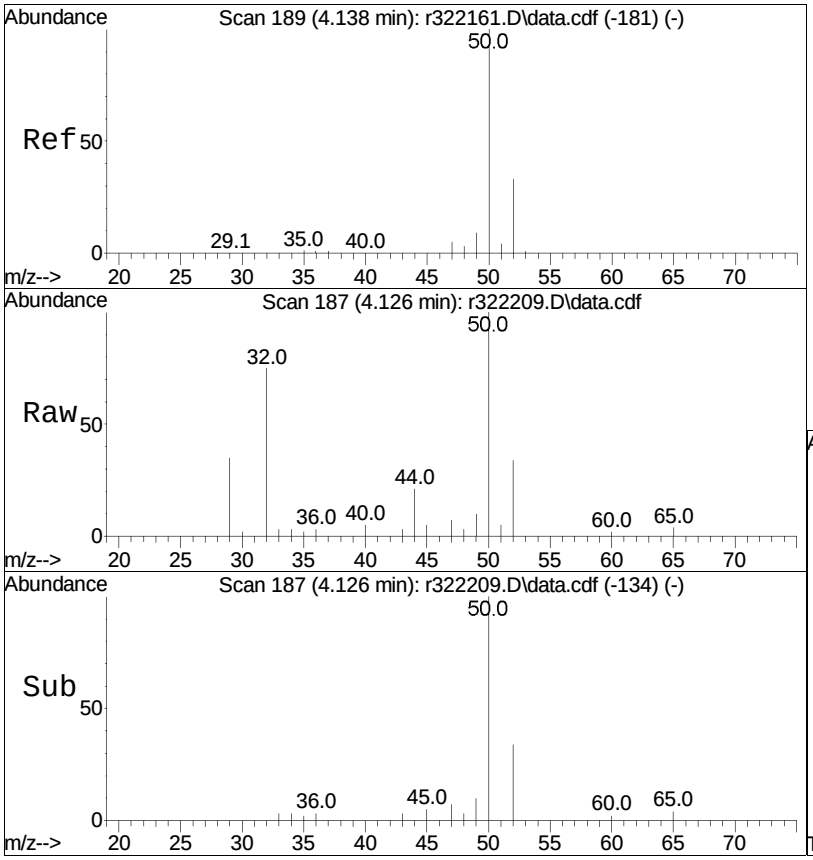


#5
dichlorodifluoromethane
Concen: 0.59 ppbV
RT: 3.946 min Scan# 157
Delta R.T. -0.006 min
Lab File: r322209.D
Acq: 19 May 2022 1:46 AM

Tgt Ion: 85 Resp: 20502

Ion	Ratio	Lower	Upper
85	100		
87	32.8	25.8	38.6

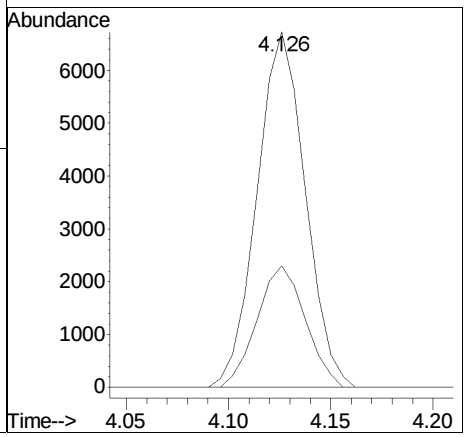


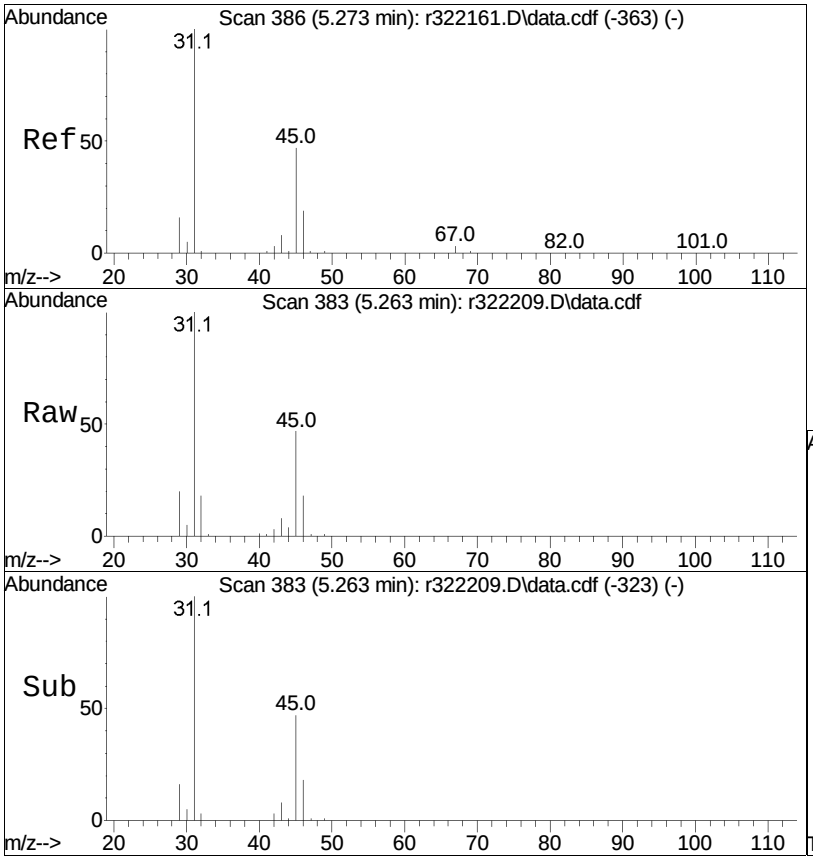


#6
chloromethane
Concen: 0.66 ppbV
RT: 4.126 min Scan# 187
Delta R.T. -0.012 min
Lab File: r322209.D
Acq: 19 May 2022 1:46 AM

Tgt Ion: 50 Resp: 11021

Ion	Ratio	Lower	Upper
50	100		
52	34.2	26.3	39.5

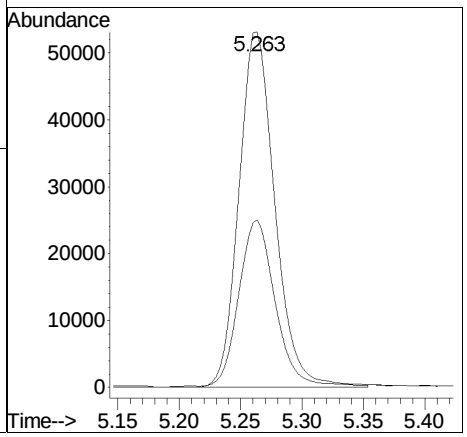


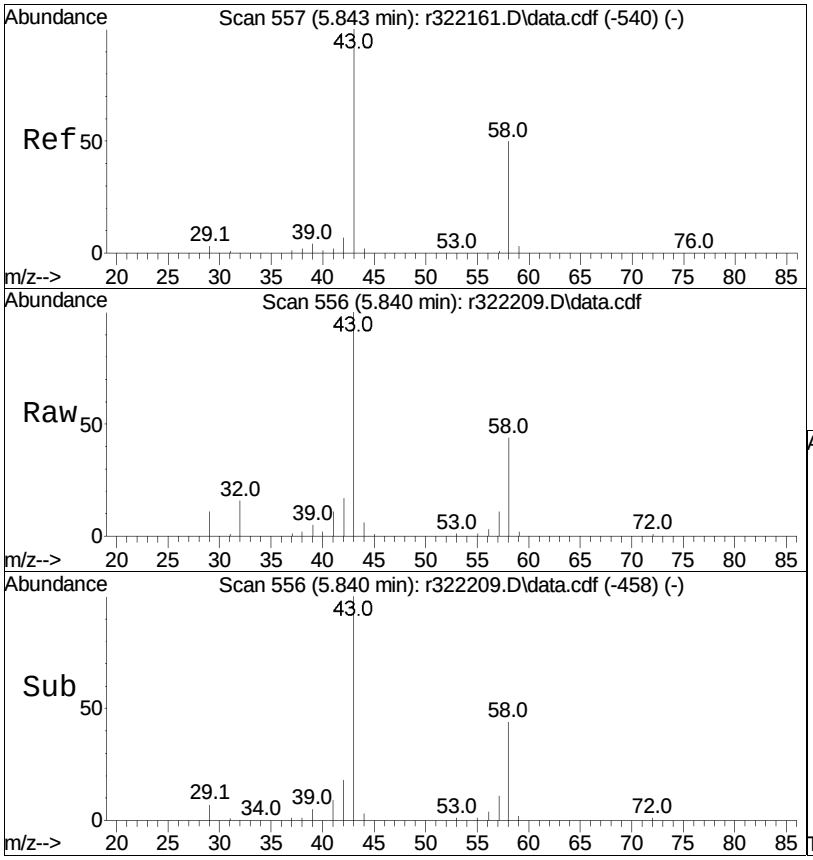


#15
ethanol
Concen: 6.44 ppbV
RT: 5.263 min Scan# 383
Delta R.T. -0.010 min
Lab File: r322209.D
Acq: 19 May 2022 1:46 AM

Tgt Ion: 31 Resp: 108617

Ion	Ratio	Lower	Upper
31	100		
45	47.1	37.6	56.4

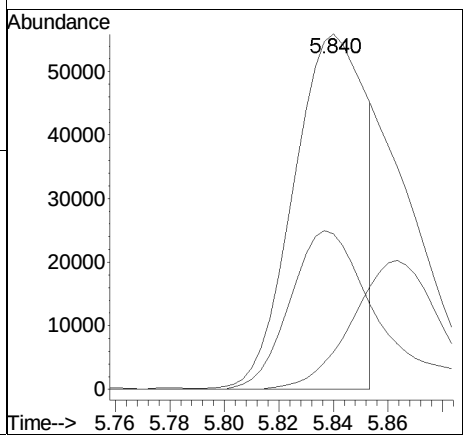


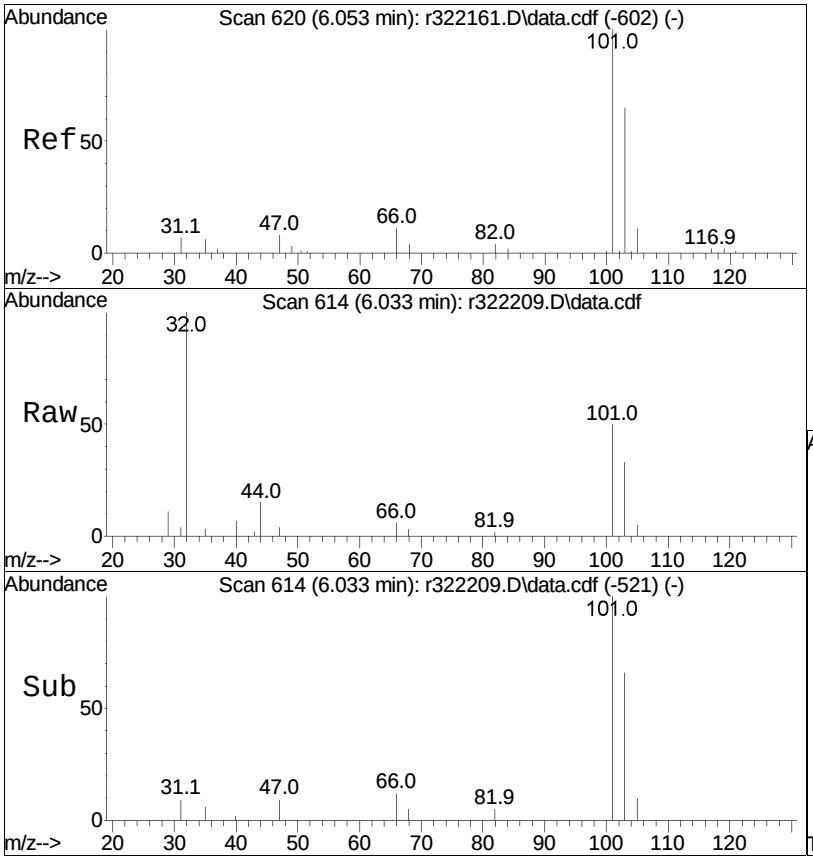


#19
acetone
Concen: 4.23 ppbV m
RT: 5.840 min Scan# 556
Delta R.T. -0.003 min
Lab File: r322209.D
Acq: 19 May 2022 1:46 AM

Tgt Ion: 43 Resp: 101781

Ion	Ratio	Lower	Upper
43	100		
58	43.8	39.8	59.8
57	10.5	1.0	1.6#

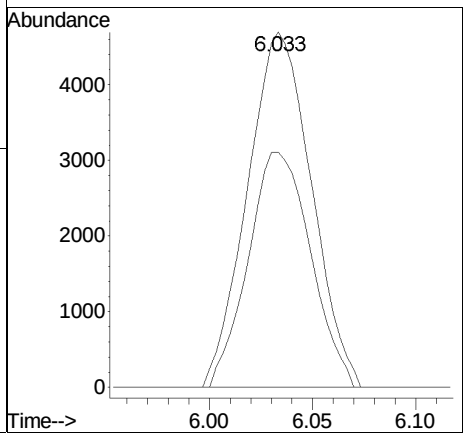


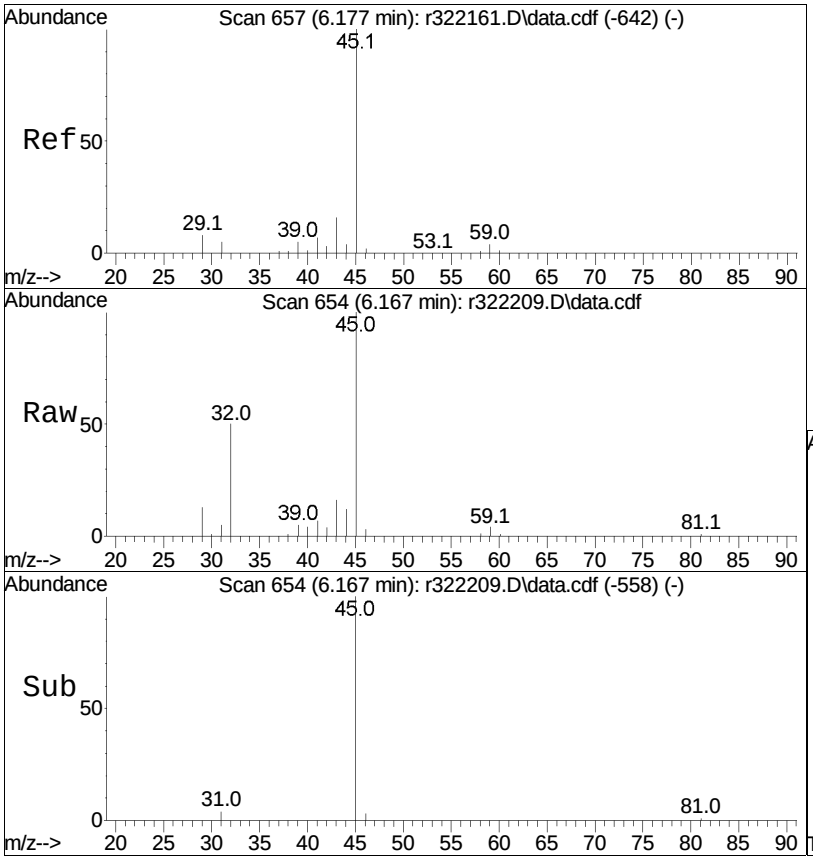


#21
trichlorofluoromethane
Concen: 0.32 ppbV
RT: 6.033 min Scan# 614
Delta R.T. -0.020 min
Lab File: r322209.D
Acq: 19 May 2022 1:46 AM

Tgt Ion:101 Resp: 10133

Ion	Ratio	Lower	Upper
101	100		
103	66.2	51.8	77.6

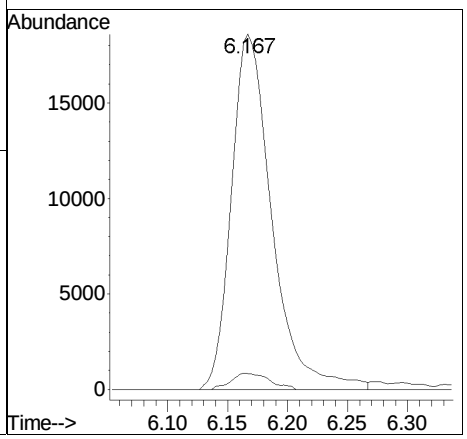


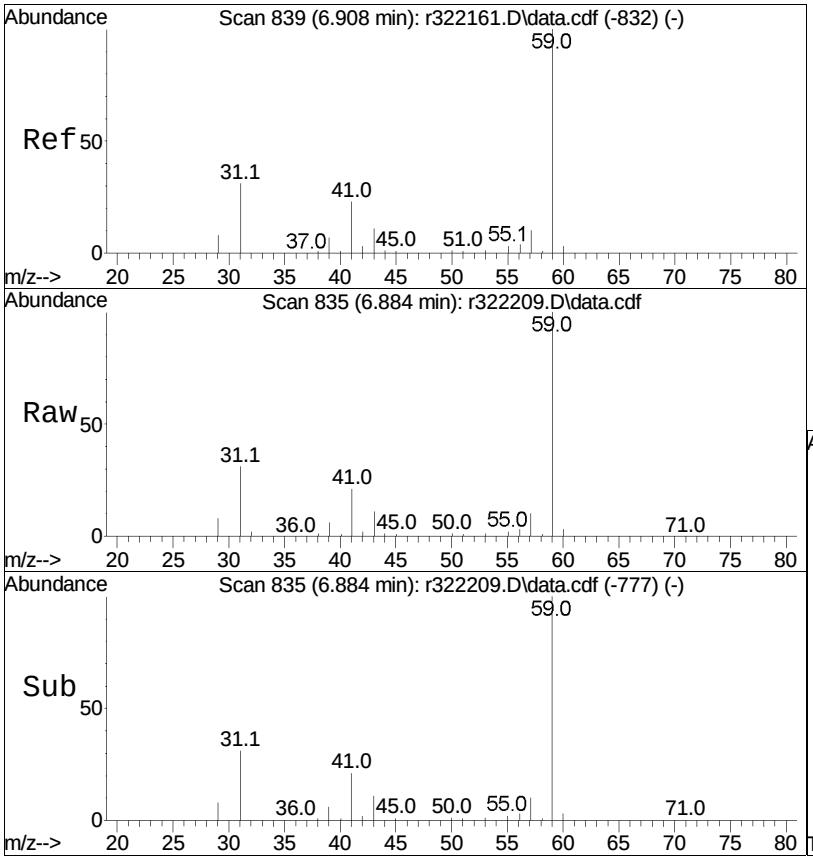


#22
isopropyl alcohol
Concen: 1.51 ppbV
RT: 6.167 min Scan# 654
Delta R.T. -0.010 min
Lab File: r322209.D
Acq: 19 May 2022 1:46 AM

Tgt Ion: 45 Resp: 43707

Ion	Ratio	Lower	Upper
45	100		
59	4.5	3.5	5.3

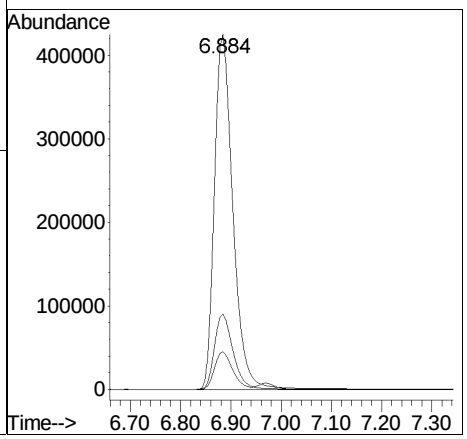


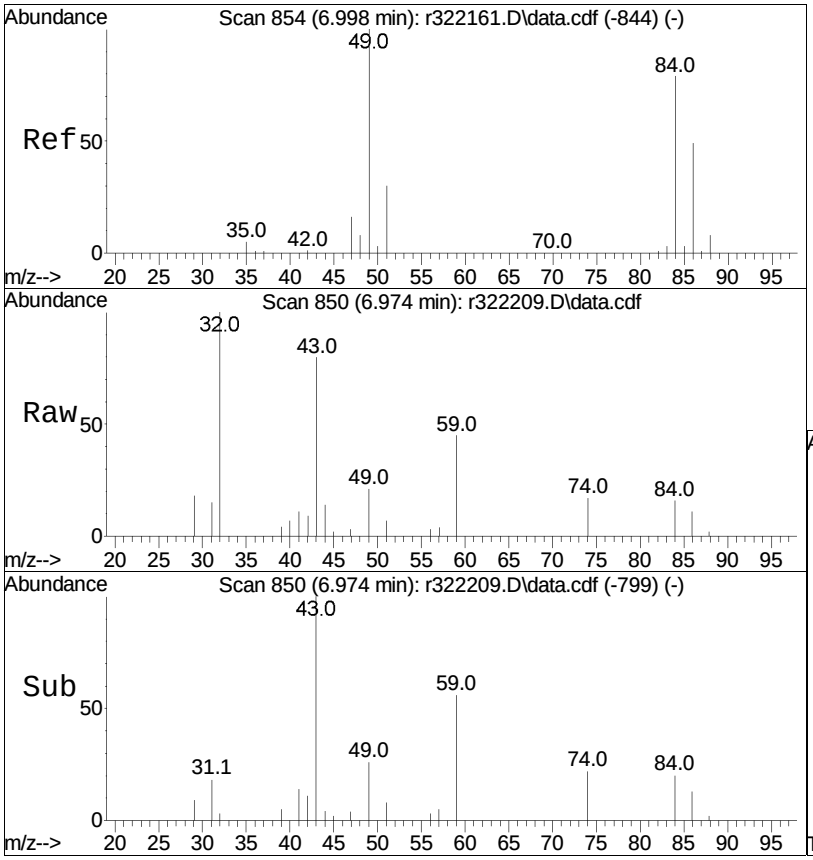


#27
tertiary butyl alcohol
Concen: 30.21 ppbV
RT: 6.884 min Scan# 835
Delta R.T. -0.024 min
Lab File: r322209.D
Acq: 19 May 2022 1:46 AM

Tgt Ion: 59 Resp: 1088326

Ion	Ratio	Lower	Upper
59	100		
41	21.3	18.2	27.2
43	10.6	8.9	13.3

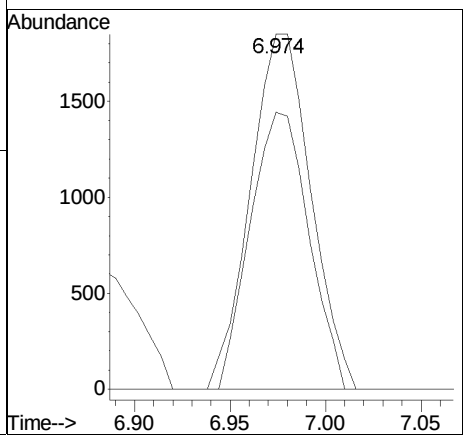


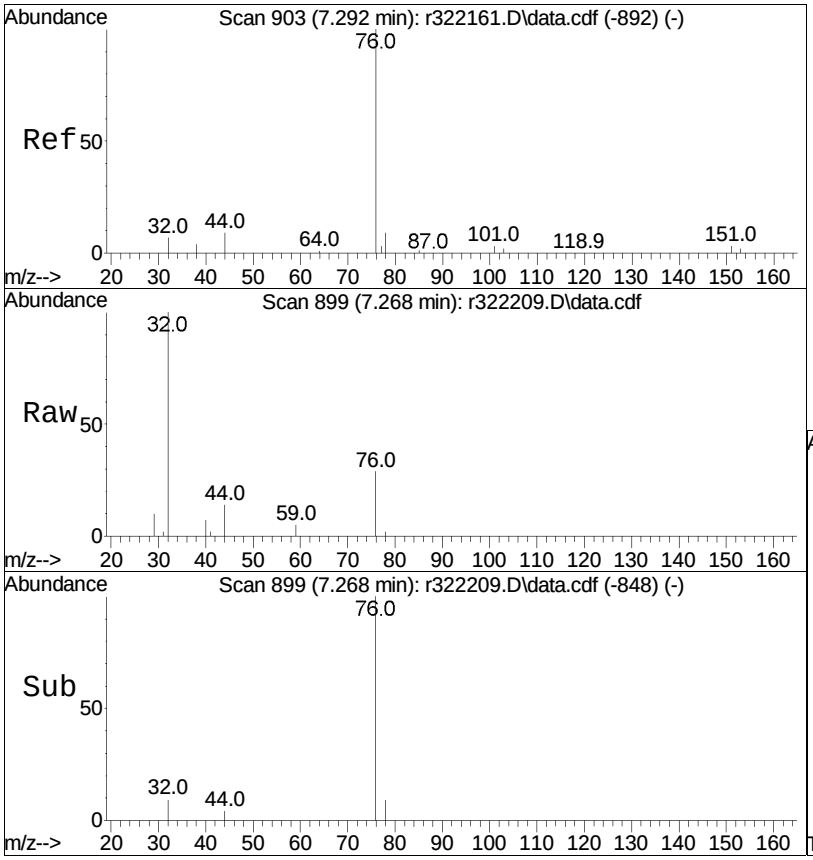


#28
methylene chloride
Concen: 0.15 ppbV
RT: 6.974 min Scan# 850
Delta R.T. -0.024 min
Lab File: r322209.D
Acq: 19 May 2022 1:46 AM

Tgt Ion: 49 Resp: 4091

Ion	Ratio	Lower	Upper
49	100		
84	78.0	63.0	94.6

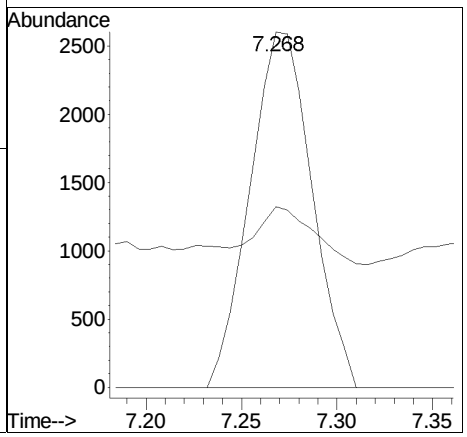


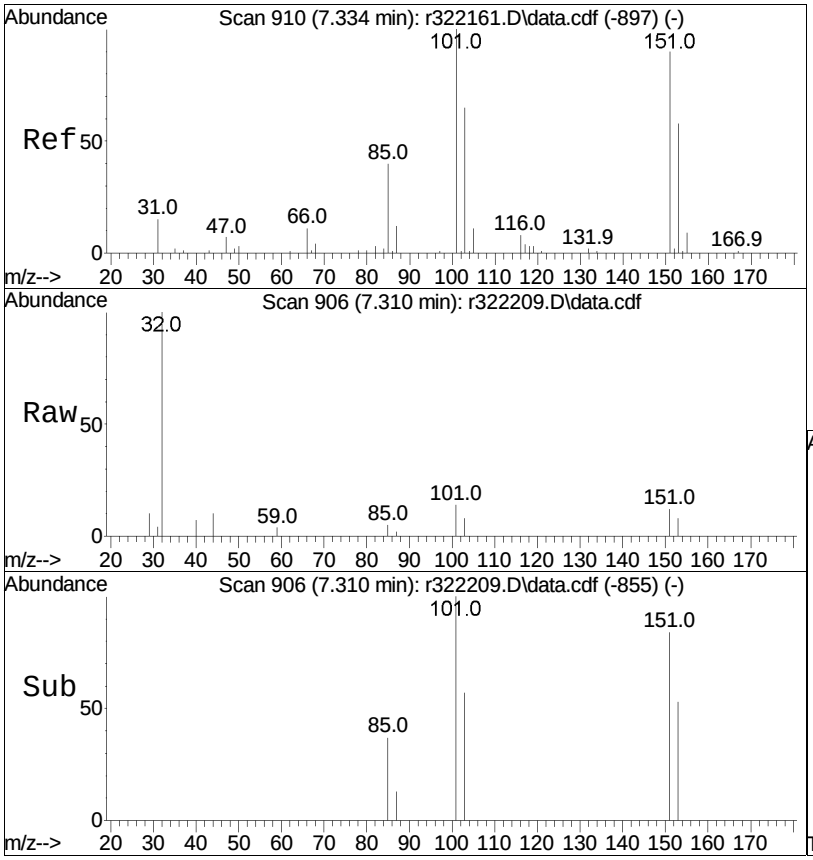


#30
carbon disulfide
Concen: 0.09 ppbV
RT: 7.268 min Scan# 899
Delta R.T. -0.024 min
Lab File: r322209.D
Acq: 19 May 2022 1:46 AM

Tgt Ion: 76 Resp: 5878

Ion	Ratio	Lower	Upper
76	100		
44	50.8	7.6	11.4#

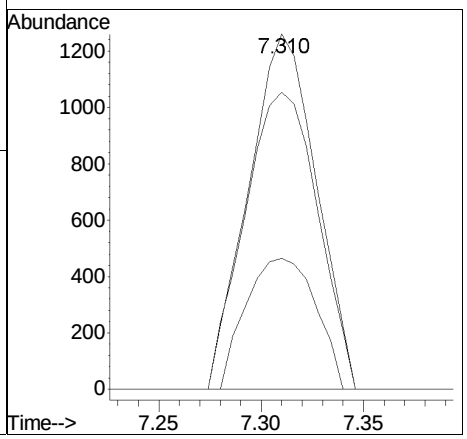


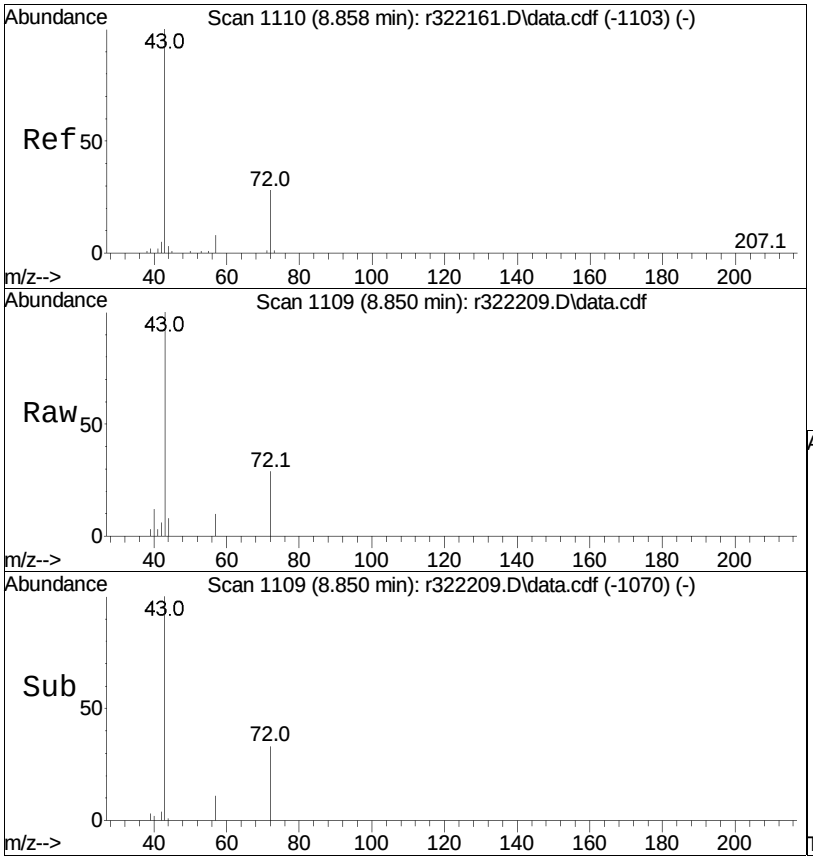


#31
Freon 113
Concen: 0.08 ppbV
RT: 7.310 min Scan# 906
Delta R.T. -0.024 min
Lab File: r322209.D
Acq: 19 May 2022 1:46 AM

Tgt Ion:101 Resp: 2909

Ion	Ratio	Lower	Upper
101	100		
85	36.9	31.8	47.8
151	83.7	72.2	108.4

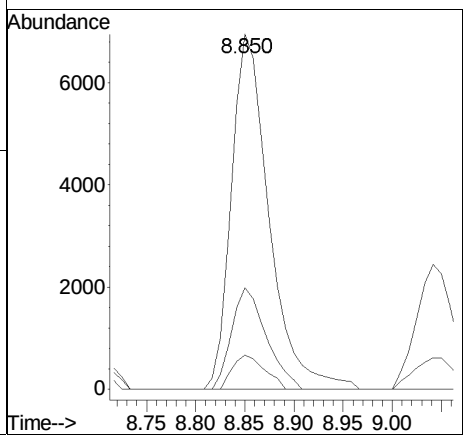


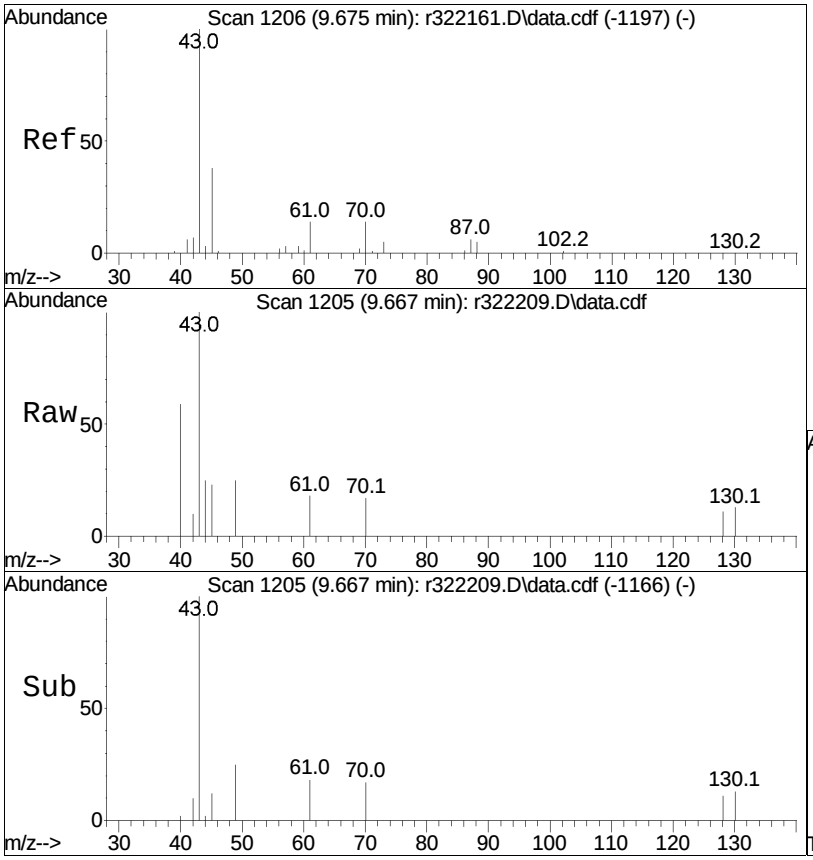


#36
2-butanone
Concen: 0.43 ppbV
RT: 8.850 min Scan# 1109
Delta R.T. -0.008 min
Lab File: r322209.D
Acq: 19 May 2022 1:46 AM

Tgt Ion: 43 Resp: 18596

Ion	Ratio	Lower	Upper
43	100		
72	28.6	22.6	33.8
57	9.7	6.6	10.0

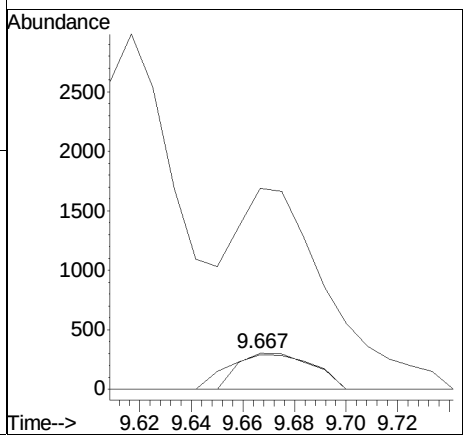


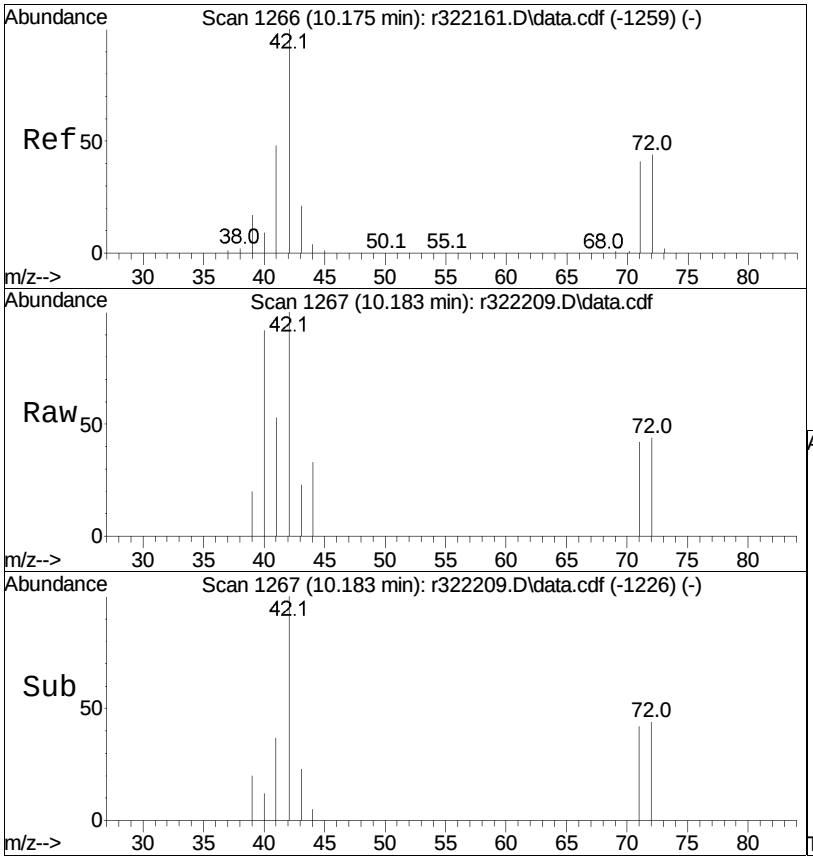


#38
Ethyl Acetate
Concen: 0.09 ppbV
RT: 9.667 min Scan# 1205
Delta R.T. -0.008 min
Lab File: r322209.D
Acq: 19 May 2022 1:46 AM

Tgt Ion: 61 Resp: 613

Ion	Ratio	Lower	Upper
61	100		
70	96.4	78.8	118.2
43	557.8	593.4	890.0#

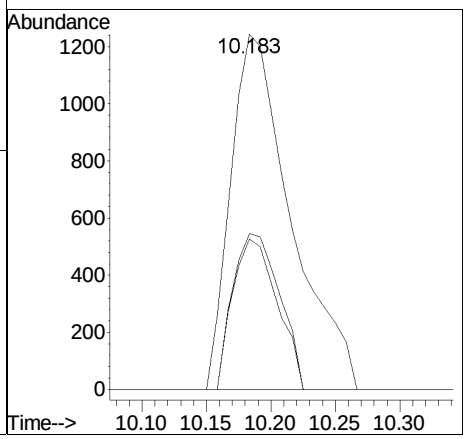


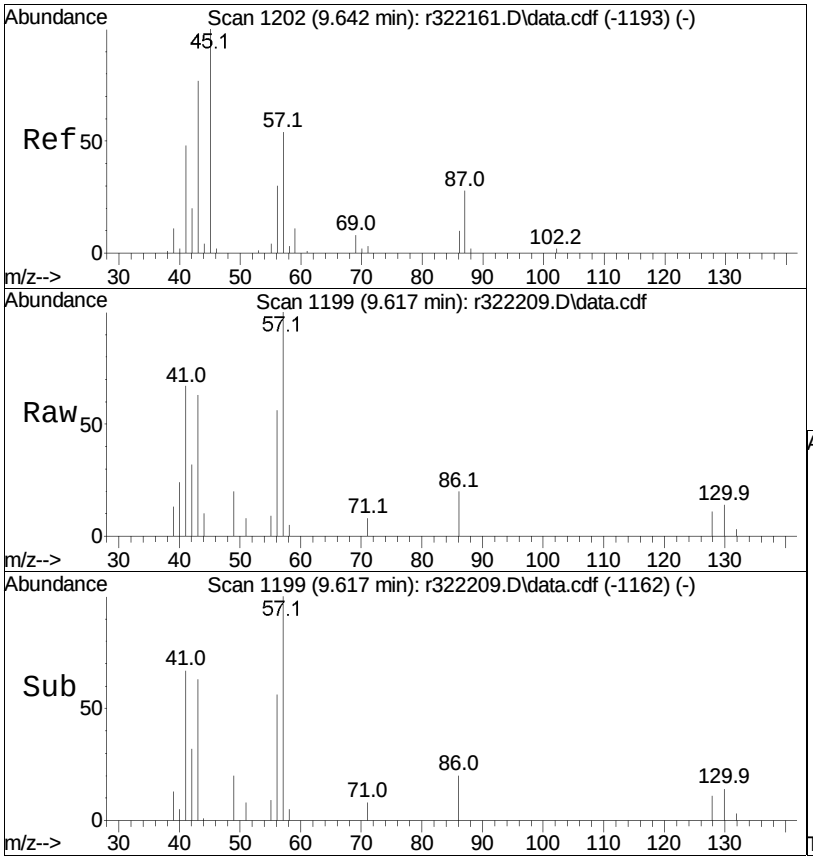


#40
Tetrahydrofuran
Concen: 0.16 ppbV
RT: 10.183 min Scan# 1267
Delta R.T. 0.008 min
Lab File: r322209.D
Acq: 19 May 2022 1:46 AM

Tgt Ion: 42 Resp: 4046

Ion	Ratio	Lower	Upper
42	100		
71	42.4	32.4	48.6
72	43.9	35.2	52.8

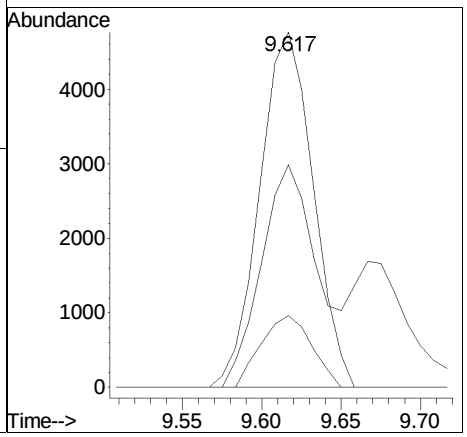


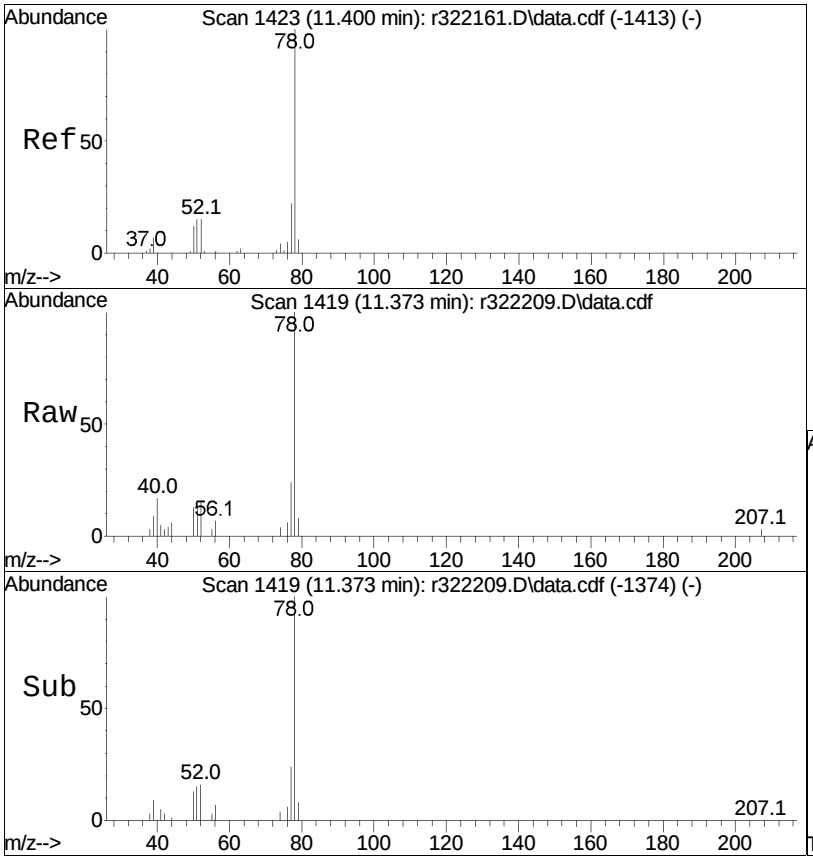


#44
hexane
Concen: 0.30 ppbV
RT: 9.617 min Scan# 1199
Delta R.T. -0.025 min
Lab File: r322209.D
Acq: 19 May 2022 1:46 AM

Tgt Ion: 57 Resp: 11171

Ion	Ratio	Lower	Upper
57	100		
43	62.6	115.0	172.6#
86	20.2	15.5	23.3

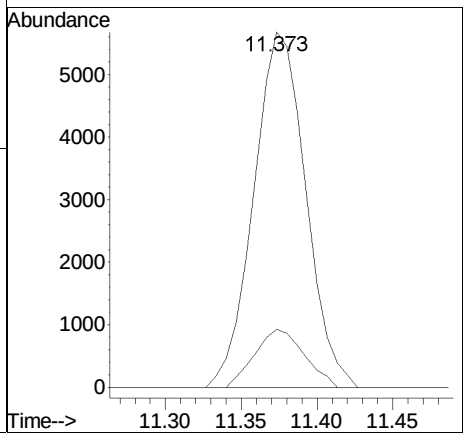


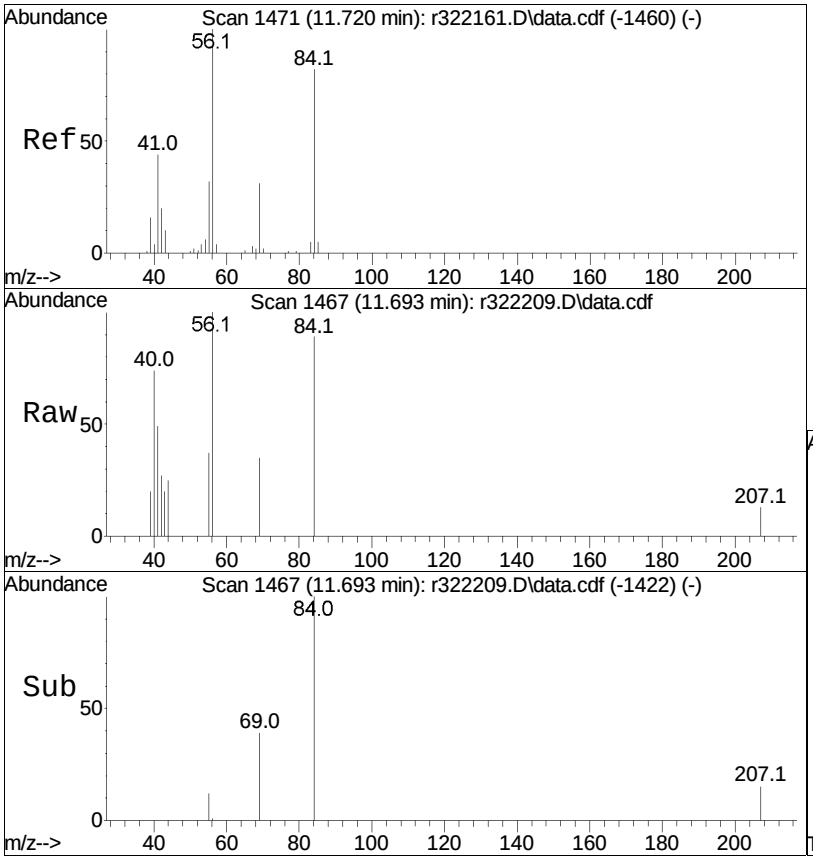


#50
benzene
Concen: 0.17 ppbV
RT: 11.373 min Scan# 1419
Delta R.T. -0.027 min
Lab File: r322209.D
Acq: 19 May 2022 1:46 AM

Tgt Ion: 78 Resp: 13518

Ion	Ratio	Lower	Upper
78	100		
52	16.4	12.2	18.2

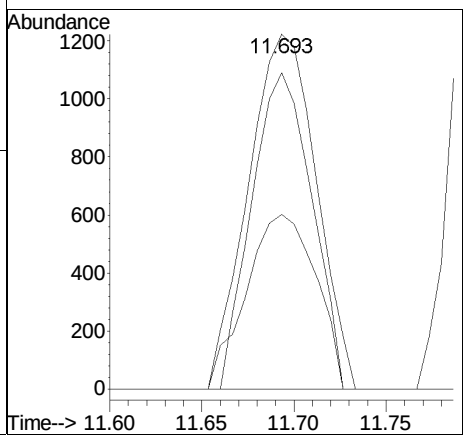


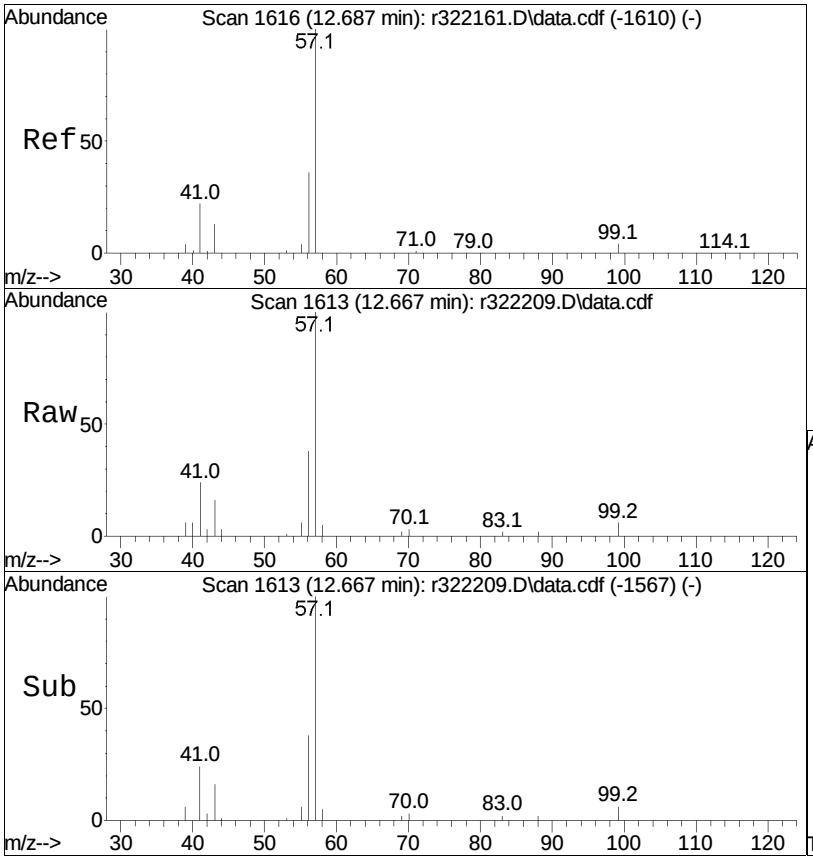


#53
cyclohexane
Concen: 0.08 ppbV
RT: 11.693 min Scan# 1467
Delta R.T. -0.027 min
Lab File: r322209.D
Acq: 19 May 2022 1:46 AM

Tgt Ion: 56 Resp: 3140

Ion	Ratio	Lower	Upper
56	100		
84	89.1	65.4	98.0
41	49.2	35.4	53.2

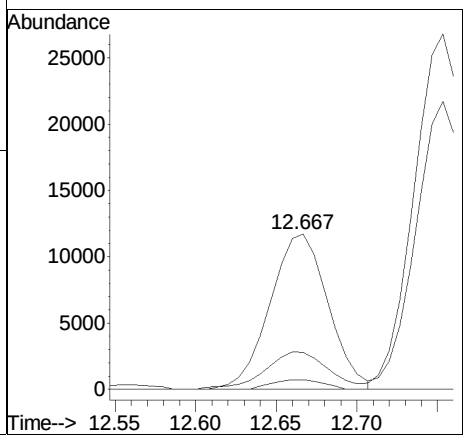


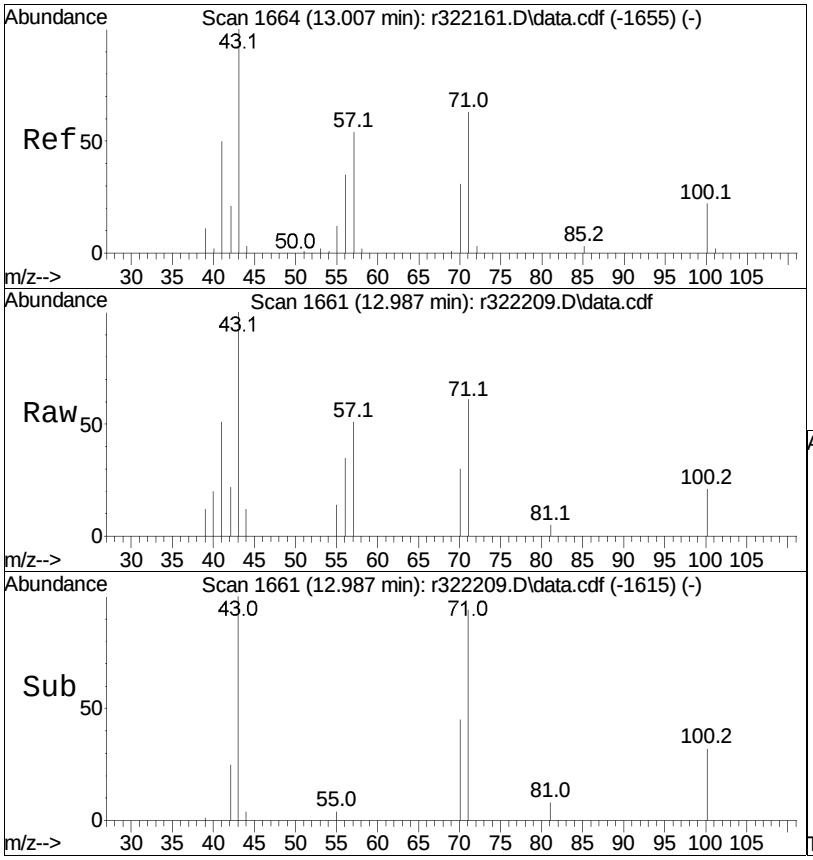


#60
2,2,4-trimethylpentane
Concen: 0.25 ppbV
RT: 12.667 min Scan# 1613
Delta R.T. -0.020 min
Lab File: r322209.D
Acq: 19 May 2022 1:46 AM

Tgt Ion: 57 Resp: 29316

Ion	Ratio	Lower	Upper
57	100		
99	6.3	5.0	7.4
41	23.8	17.4	26.2

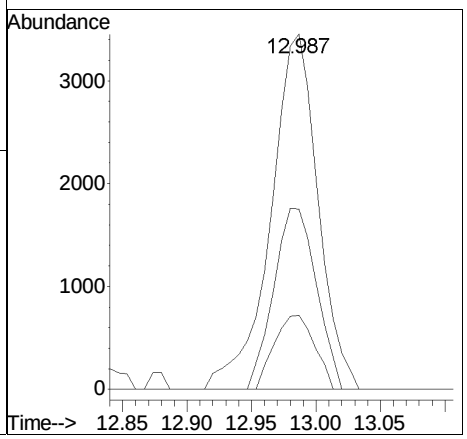


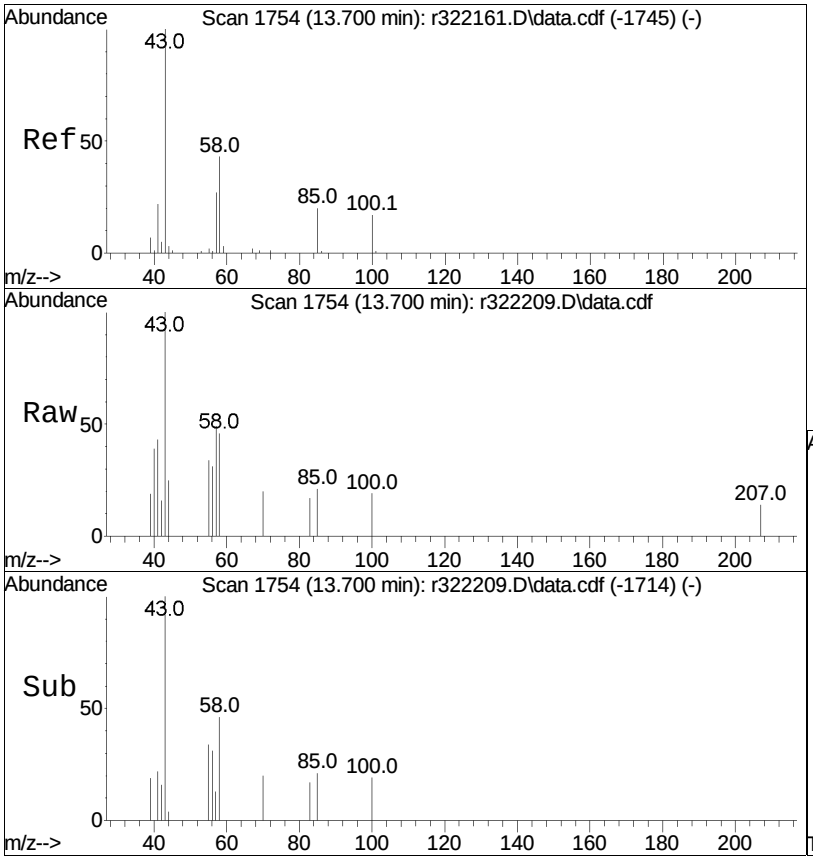


#62
heptane
Concen: 0.20 ppbV
RT: 12.987 min Scan# 1661
Delta R.T. -0.020 min
Lab File: r322209.D
Acq: 19 May 2022 1:46 AM

Tgt Ion: 43 Resp: 8833

Ion	Ratio	Lower	Upper
43	100		
57	50.8	43.0	64.4
100	20.9	17.6	26.4

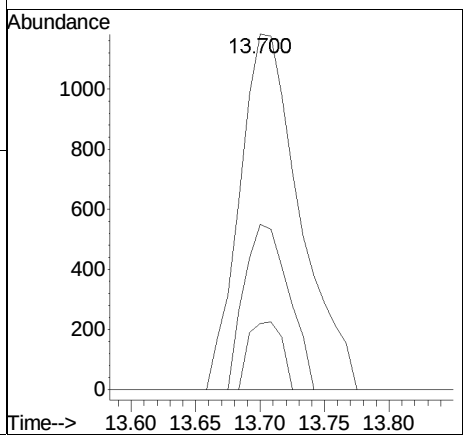


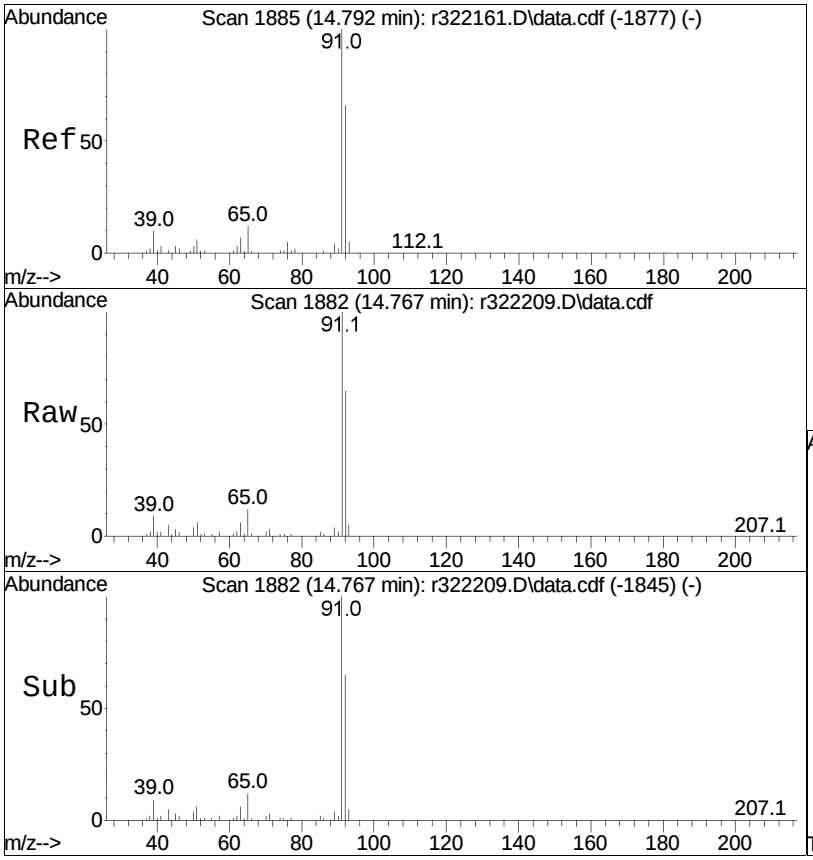


#64
4-methyl-2-pentanone
Concen: 0.08 ppbV
RT: 13.700 min Scan# 1754
Delta R.T. 0.000 min
Lab File: r322209.D
Acq: 19 May 2022 1:46 AM

Tgt Ion: 43 Resp: 3848

Ion	Ratio	Lower	Upper
43	100		
58	46.5	34.3	51.5
100	18.6	13.8	20.6

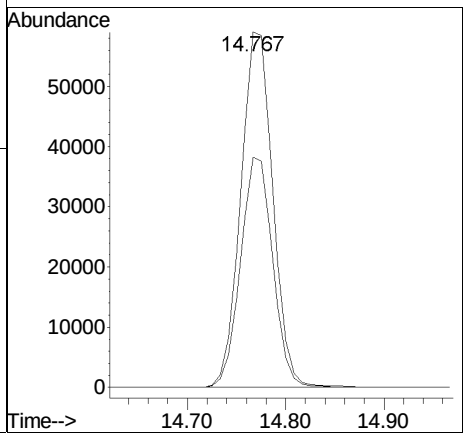


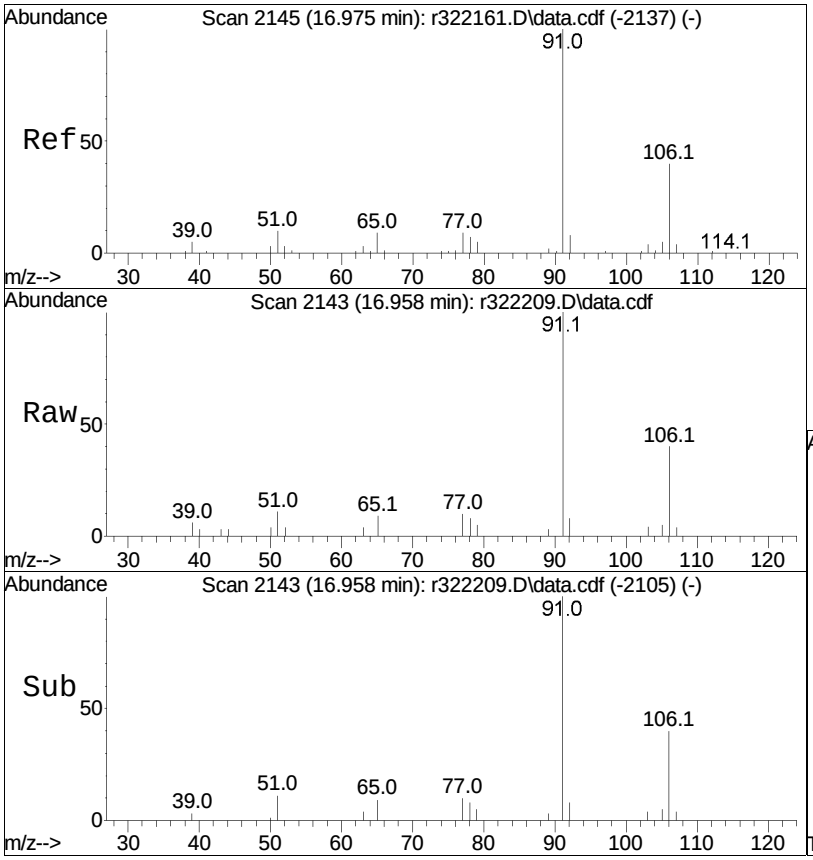


#68
toluene
Concen: 1.73 ppbV
RT: 14.767 min Scan# 1882
Delta R.T. -0.025 min
Lab File: r322209.D
Acq: 19 May 2022 1:46 AM

Tgt Ion: 91 Resp: 133947

Ion	Ratio	Lower	Upper
91	100		
92	64.8	52.7	79.1

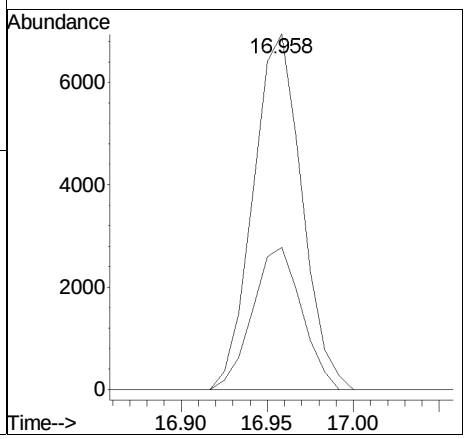


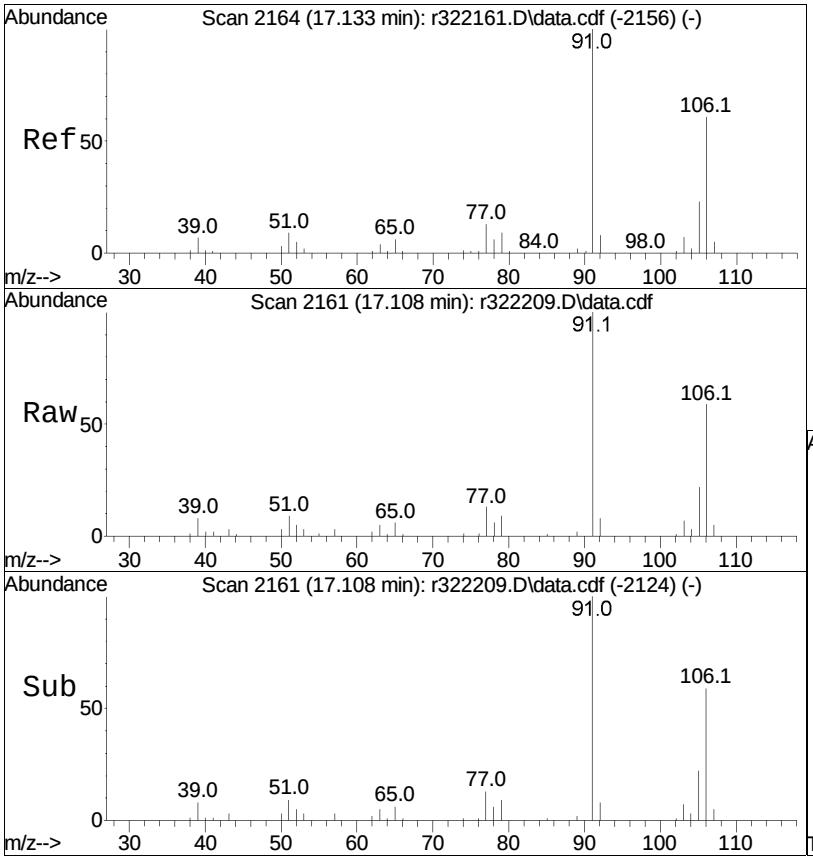


#81
ethylbenzene
Concen: 0.15 ppbV
RT: 16.958 min Scan# 2143
Delta R.T. -0.017 min
Lab File: r322209.D
Acq: 19 May 2022 1:46 AM

Tgt Ion: 91 Resp: 13670

Ion	Ratio	Lower	Upper
91	100		
106	40.0	32.4	48.6

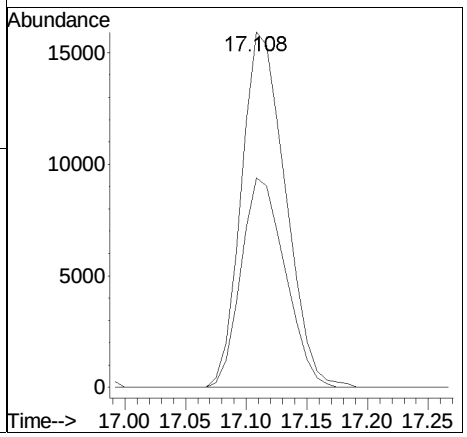


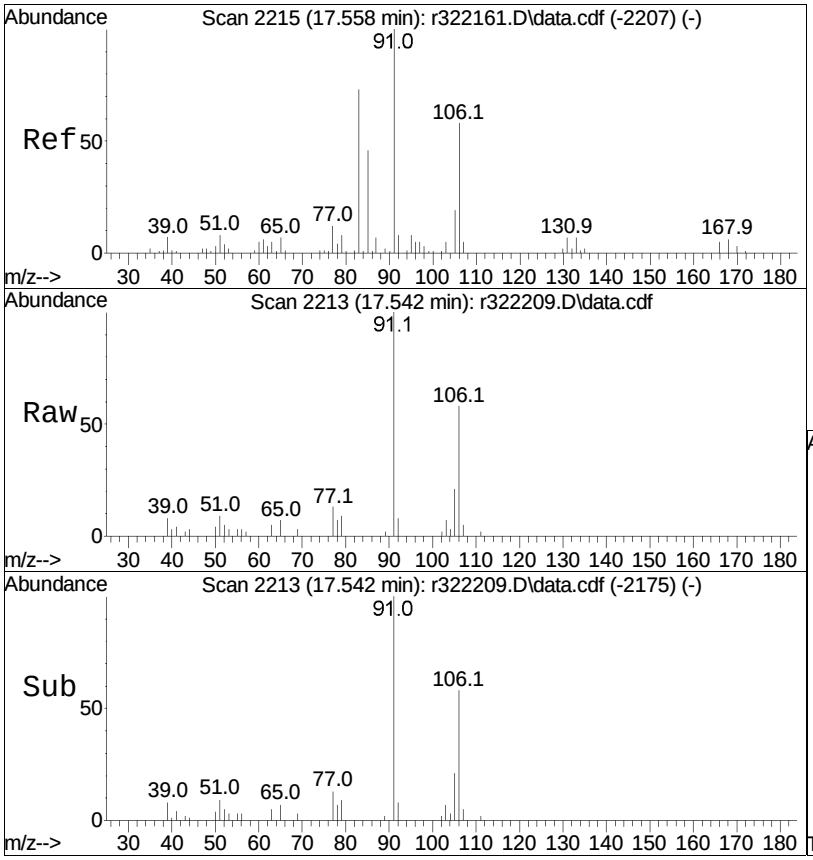


#83
m+p-xylene
Concen: 0.53 ppbV
RT: 17.108 min Scan# 2161
Delta R.T. -0.025 min
Lab File: r322209.D
Acq: 19 May 2022 1:46 AM

Tgt Ion: 91 Resp: 40228

Ion	Ratio	Lower	Upper
91	100		
106	58.9	48.4	72.6

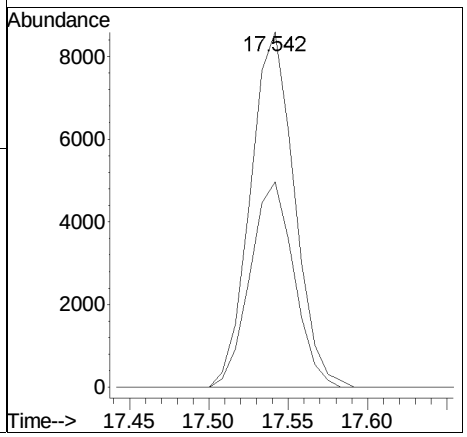


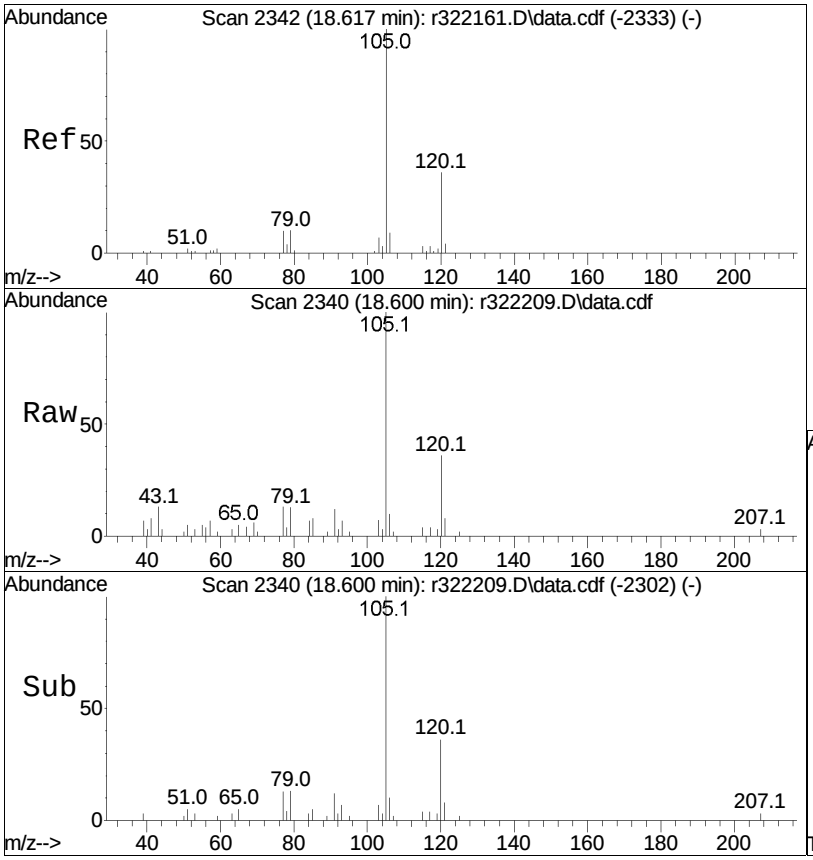


#87
o-xylene
Concen: 0.22 ppbV
RT: 17.542 min Scan# 2213
Delta R.T. -0.017 min
Lab File: r322209.D
Acq: 19 May 2022 1:46 AM

Tgt Ion: 91 Resp: 16589

Ion	Ratio	Lower	Upper
91	100		
106	57.8	46.4	69.6

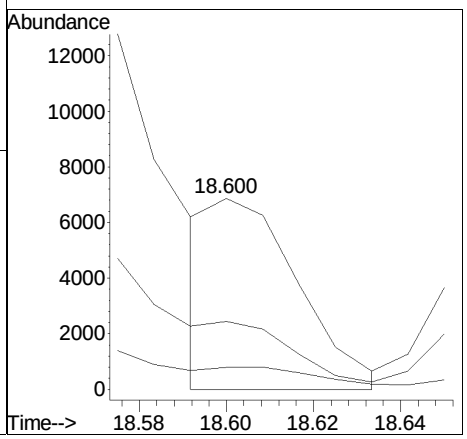


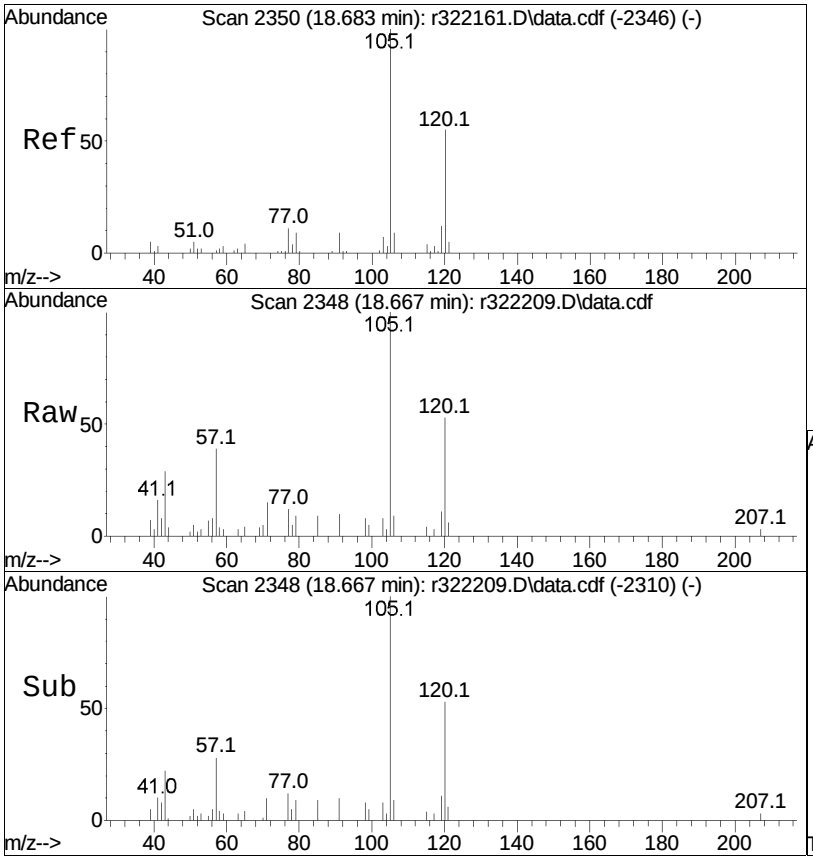


#96
4-ethyl toluene
Concen: 0.08 ppbV m
RT: 18.600 min Scan# 2340
Delta R.T. -0.017 min
Lab File: r322209.D
Acq: 19 May 2022 1:46 AM

Tgt Ion:105 Resp: 9533

Ion	Ratio	Lower	Upper
105	100		
120	35.6	28.6	42.8
91	11.6	7.4	11.2#

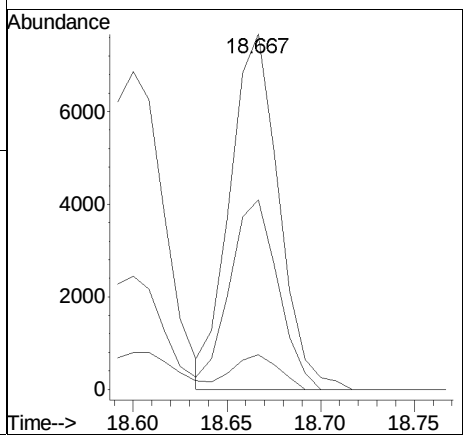


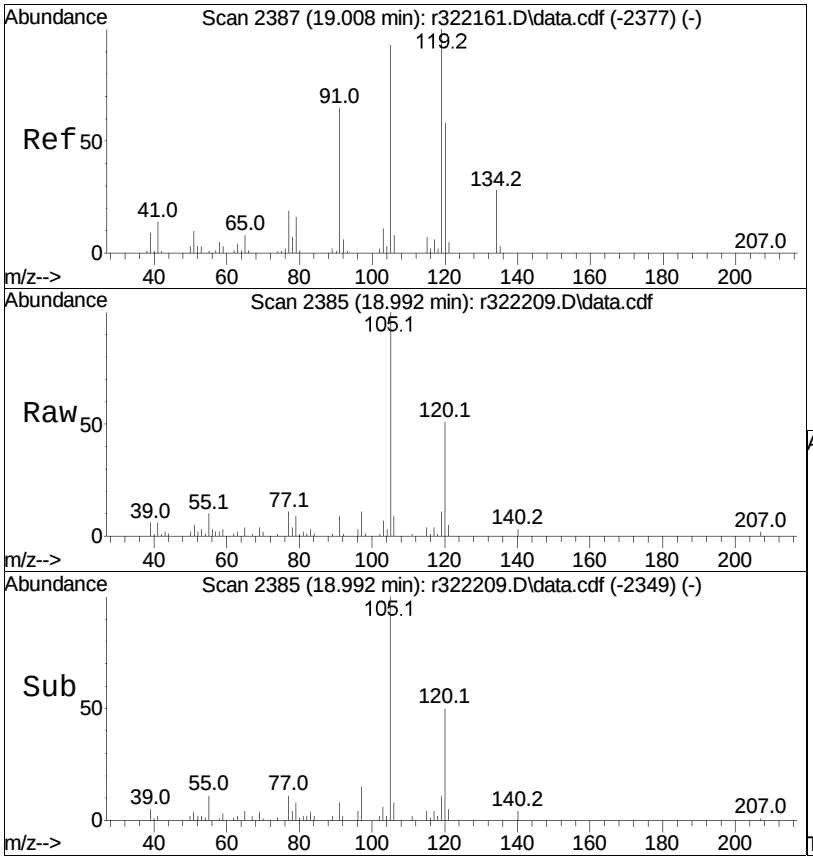


#97
1,3,5-trimethylbenzene
Concen: 0.13 ppbV
RT: 18.667 min Scan# 2348
Delta R.T. -0.017 min
Lab File: r322209.D
Acq: 19 May 2022 1:46 AM

Tgt Ion:105 Resp: 13913

Ion	Ratio	Lower	Upper
105	100		
120	53.4	43.7	65.5
91	9.7	7.0	10.4

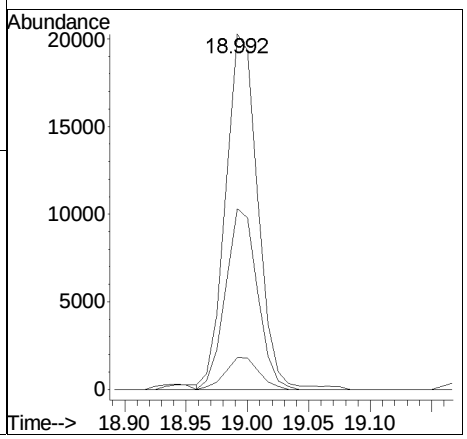




#99
1,2,4-trimethylbenzene
Concen: 0.40 ppbV m
RT: 18.992 min Scan# 2385
Delta R.T. -0.017 min
Lab File: r322209.D
Acq: 19 May 2022 1:46 AM

Tgt Ion:105 Resp: 37006

Ion	Ratio	Lower	Upper
105	100		
120	50.9	49.4	74.2
91	9.0	55.8	83.8#

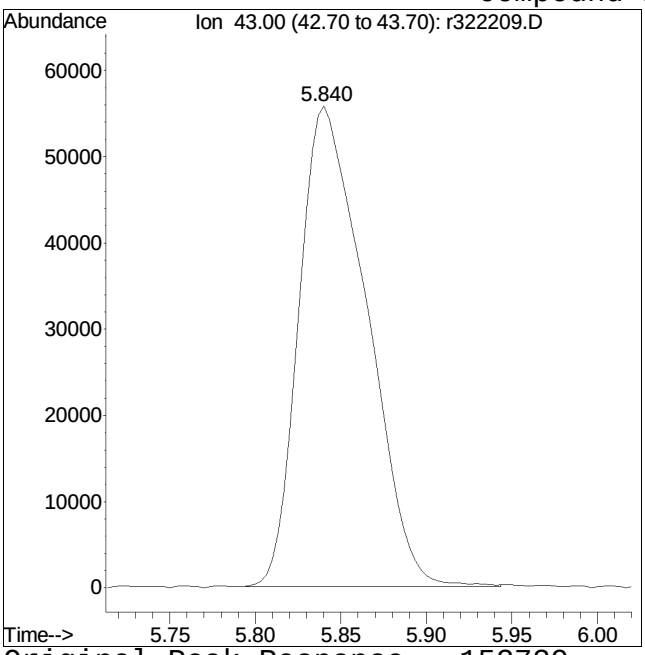


Manual Integration Report

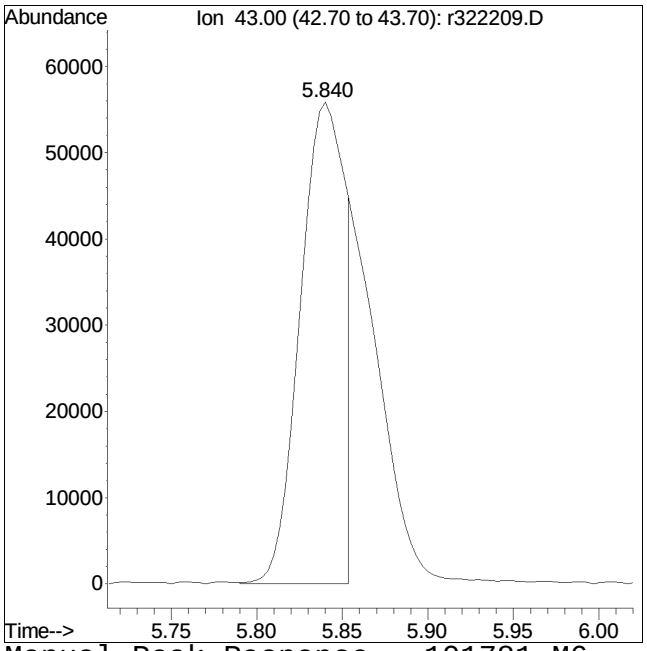
Data Path : O:\Forensics\Data\AirpianoQ
Data File : r322209.D
Date Inj'd : 5/19/2020 0:1: 6
Sample : L2225590-08,3,250,250

Method : TFS3_220516.M
Operator : AIRPIANO3:TS
Instrument :
Quant Date : 5/19/2022 8:51 am

Compound #19: acetone



Original Peak Response = 152729



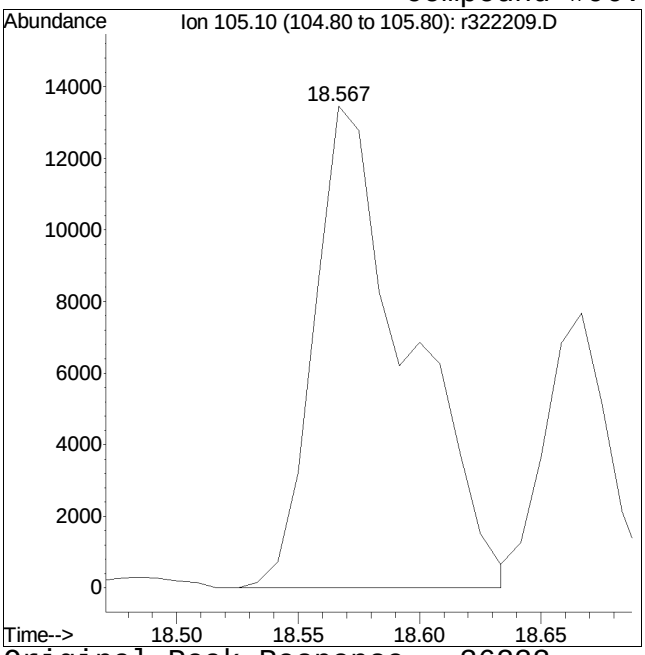
Manual Peak Response = 101781 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

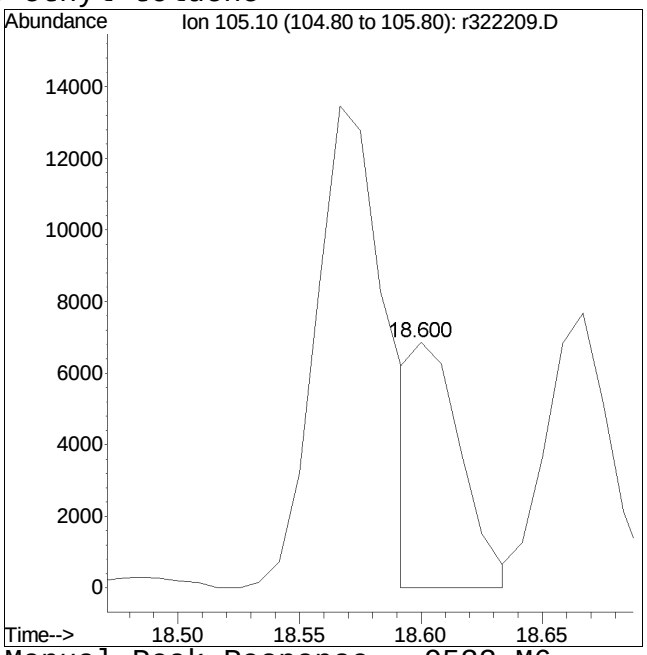
Manual Integration Report

Data Path : O:\Forensics\Data\AirpianoQMethod : TFS3_220516.M
Data File : r322209.D Operator : AIRPIANO3:TS
Date Inj'd : 5/19/2020 0:1: 6 Instrument :
Sample : L2225590-08,3,250,250 Quant Date : 5/19/2022 8:51 am

Compound #96: 4-ethyl toluene



Original Peak Response = 36233



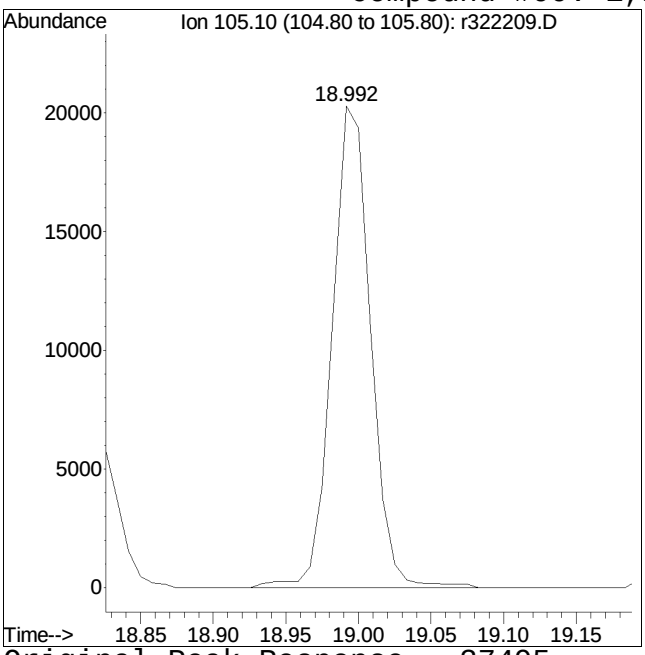
Manual Peak Response = 9533 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

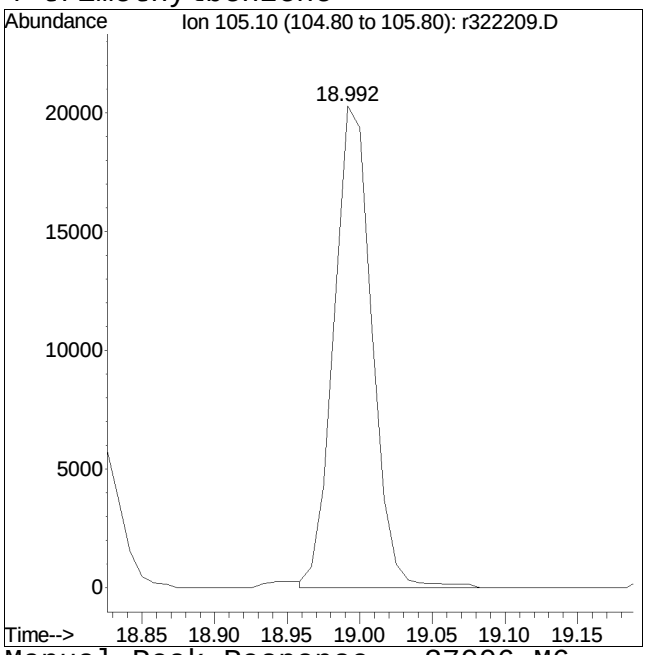
Manual Integration Report

Data Path : O:\Forensics\Data\AirpianoQMethod : TFS3_220516.M
Data File : r322209.D Operator : AIRPIANO3:TS
Date Inj'd : 5/19/2020 0:1: 6 Instrument :
Sample : L2225590-08,3,250,250 Quant Date : 5/19/2022 8:51 am

Compound #99: 1,2,4-trimethylbenzene



Original Peak Response = 37495



Manual Peak Response = 37006 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518T\
Data File : r322210.D
Acq On : 19 May 2022 2:26 AM
Operator : AIRPIANO3:TS
Sample : L2225590-07,3,250,250
Misc : WG1640147,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 19 18:07:21 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0518T\r322194.D
Sub List : TO15-NY-7-SIM - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.533	49	430159	10.000	ppbV	-0.03
Standard Area = 443368			Recovery =	97.02%		
43) 1,4-difluorobenzene	11.813	114	1297063	10.000	ppbV	-0.03
Standard Area = 1337389			Recovery =	96.98%		
67) chlorobenzene-D5	16.558	54	201715	10.000	ppbV	-0.02
Standard Area = 206902			Recovery =	97.49%		
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	3.946	85	20804	0.615	ppbV	99
6) chloromethane	4.126	50	11026	0.678	ppbV	97
7) Freon-114	4.252		0	N.D.		
10) 1,3-butadiene	4.546		0	N.D.		
13) bromomethane	4.858		0	N.D.		
14) chloroethane	0.000		0	N.D.		
15) ethanol	5.260	31	105033	6.355	ppbV	99
17) vinyl bromide	0.000		0	N.D.		
19) acetone	5.837	43	129032M6	5.476	ppbV	
21) trichlorofluoromethane	6.033	101	9888	0.321	ppbV	98
22) isopropyl alcohol	6.167	45	36418	1.284	ppbV	99
27) tertiary butyl alcohol	6.878	59	1194075	33.844	ppbV	98
28) methylene chloride	6.974	49	3897	0.145	ppbV	100
29) 3-chloropropene	0.000		0	N.D.		
30) carbon disulfide	7.274	76	6890	0.112	ppbV #	24
31) Freon 113	7.310	101	2767	0.080	ppbV	96
32) trans-1,2-dichloroethene	0.000		0	N.D.		
33) 1,1-dichloroethane	0.000		0	N.D.		
34) MTBE	0.000		0	N.D.		
36) 2-butanone	8.850	43	16832	0.393	ppbV	98
38) Ethyl Acetate	9.667	61	464	0.066	ppbV #	45
39) chloroform	9.700		0	N.D.		
40) Tetrahydrofuran	10.192	42	2401	0.097	ppbV	98
42) 1,2-dichloroethane	0.000		0	N.D.		
44) hexane	9.617	57	7979	0.216	ppbV #	40
50) benzene	11.373	78	13411	0.177	ppbV	99
53) cyclohexane	11.693	56	2789	0.073	ppbV #	91

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518T\
Data File : r322210.D
Acq On : 19 May 2022 2:26 AM
Operator : AIRPIANO3:TS
Sample : L2225590-07,3,250,250
Misc : WG1640147,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 19 18:07:21 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0518T\r322194.D
Sub List : TO15-NY-7-SIM - .

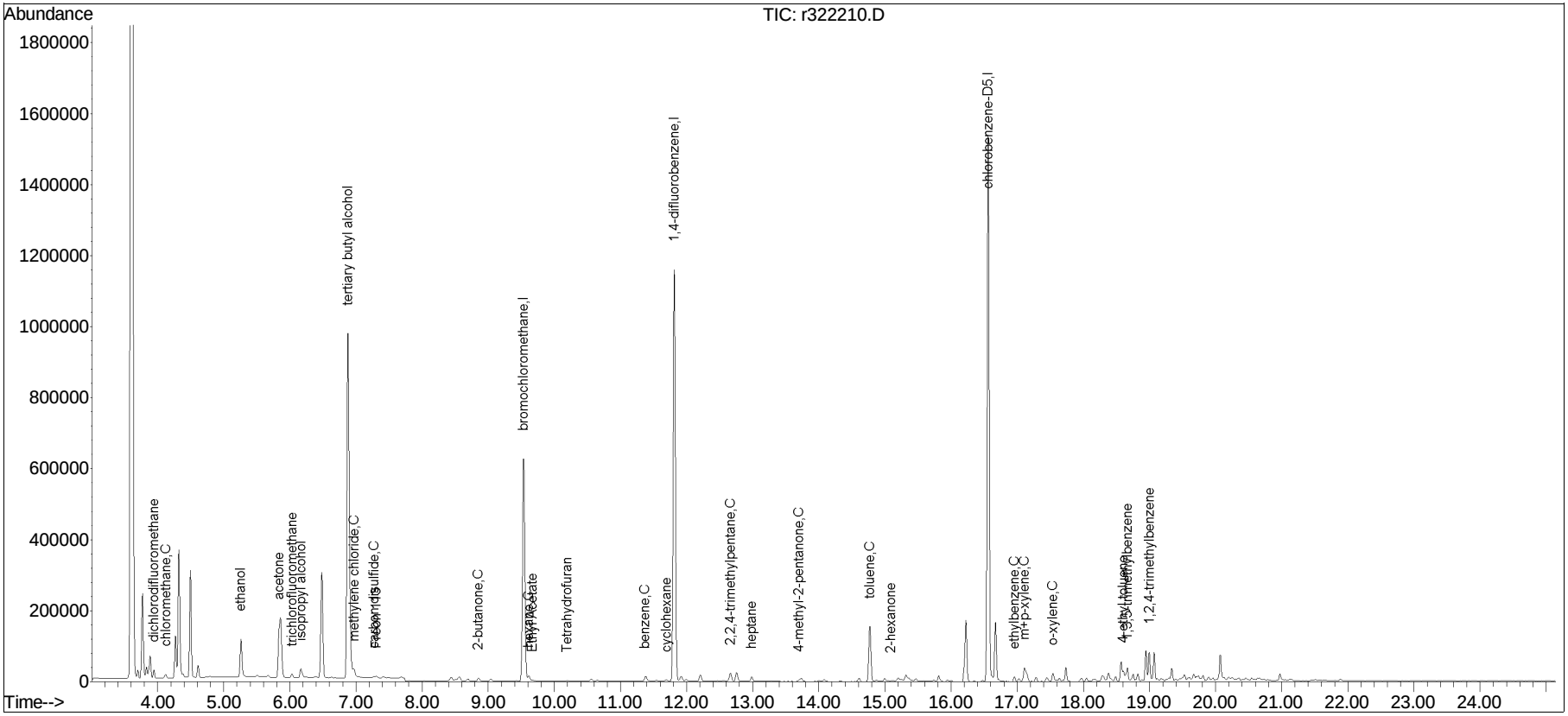
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) 1,2-dichloropropane	0.000		0	N.D.		
57) bromodichloromethane	12.647		0	N.D.		
58) 1,4-dioxane	12.660		0	N.D.		
60) 2,2,4-trimethylpentane	12.667	57	26923	0.236	ppbV	96
62) heptane	12.987	43	7821	0.184	ppbV	96
63) cis-1,3-dichloropropene	0.000		0	N.D.		
64) 4-methyl-2-pentanone	13.700	43	3445	0.071	ppbV	98
65) trans-1,3-dichloropropene	0.000		0	N.D.		
66) 1,1,2-trichloroethane	0.000		0	N.D.		
68) toluene	14.775	91	141393	1.866	ppbV	100
72) 2-hexanone	15.092	43	2369	0.052	ppbV #	82
74) dibromochloromethane	0.000		0	N.D.		
75) 1,2-dibromoethane	0.000		0	N.D.		
80) chlorobenzene	16.617		0	N.D.		
81) ethylbenzene	16.958	91	12012	0.132	ppbV	99
83) m+p-xylene	17.108	91	32851	0.442	ppbV	99
84) bromoform	0.000		0	N.D.		
85) styrene	17.450		0	N.D.		
86) 1,1,2,2-tetrachloroethane	17.600		0	N.D.		
87) o-xylene	17.542	91	15038	0.203	ppbV	99
96) 4-ethyl toluene	18.600	105	13556M6	0.120	ppbV	
97) 1,3,5-trimethylbenzene	18.667	105	16388	0.159	ppbV	99
99) 1,2,4-trimethylbenzene	19.000	105	47383M6	0.524	ppbV	
101) Benzyl Chloride	19.175		0	N.D.		
102) 1,3-dichlorobenzene	19.183		0	N.D.		
103) 1,4-dichlorobenzene	19.183		0	N.D.		
107) 1,2-dichlorobenzene	0.000		0	N.D.		
115) 1,2,4-trichlorobenzene	0.000		0	N.D.		
119) hexachlorobutadiene	0.000		0	N.D.		

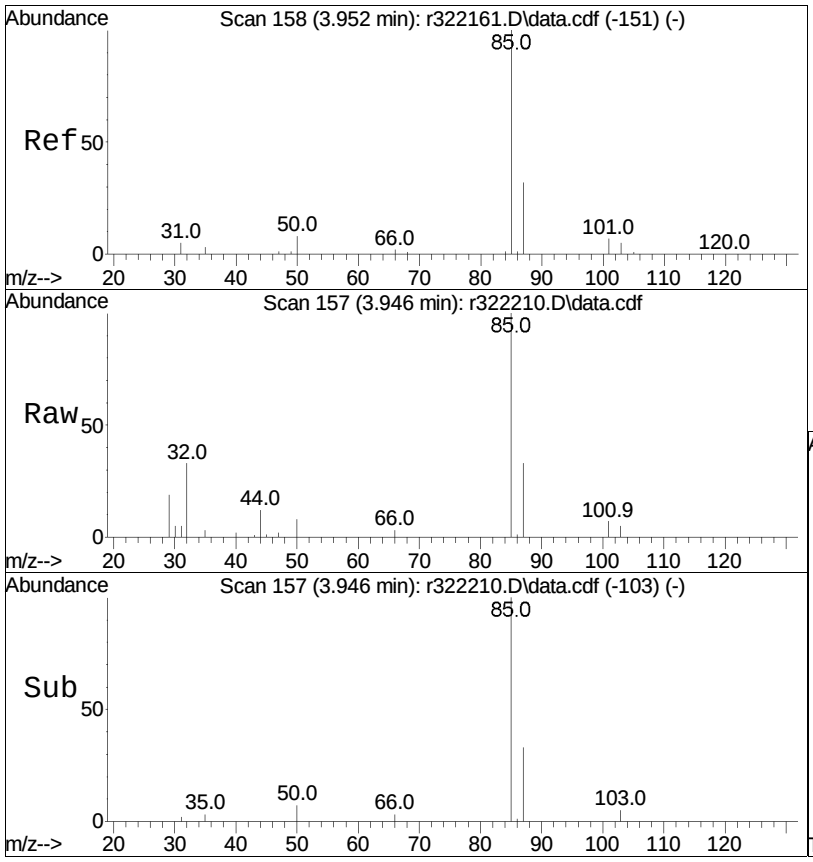
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : TO15-NY-7-SIM - .\Airpiano3\2022\05\0518T\r322194.D

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518T\
Data File : r322210.D
Acq On : 19 May 2022 2:26 AM
Operator : AIRPIANO3:TS
Sample : L2225590-07,3,250,250
Misc : WG1640147,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 19 18:07:21 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

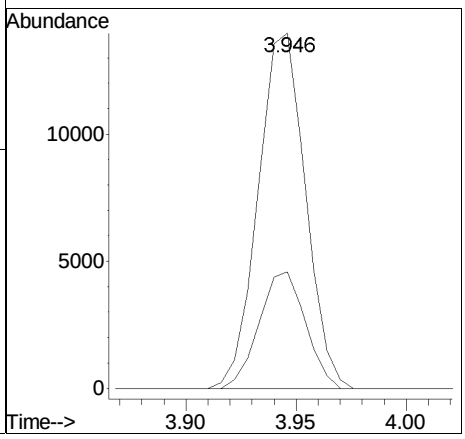


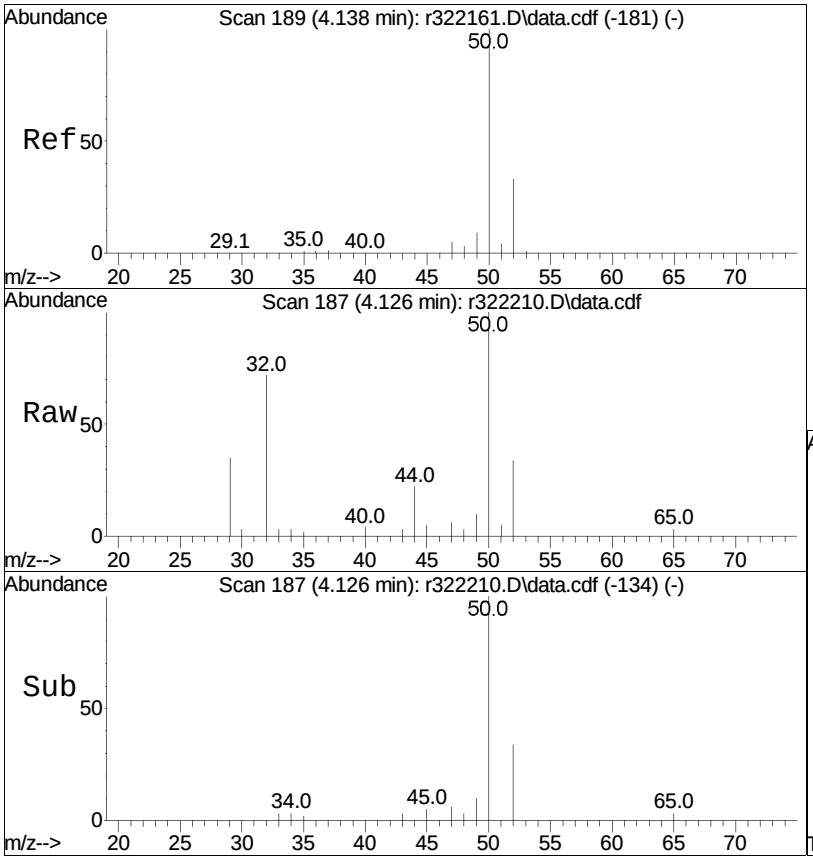


#5
dichlorodifluoromethane
Concen: 0.61 ppbV
RT: 3.946 min Scan# 157
Delta R.T. -0.006 min
Lab File: r322210.D
Acq: 19 May 2022 2:26 AM

Tgt Ion: 85 Resp: 20804

Ion	Ratio	Lower	Upper
85	100		
87	32.8	25.8	38.6

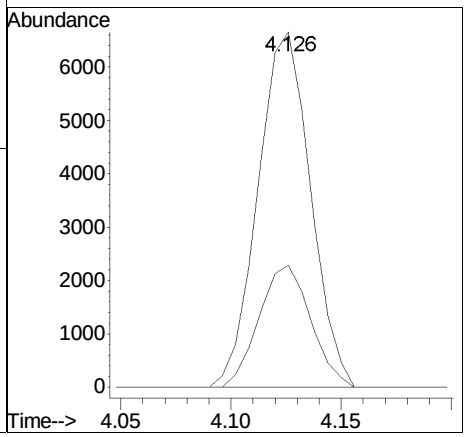


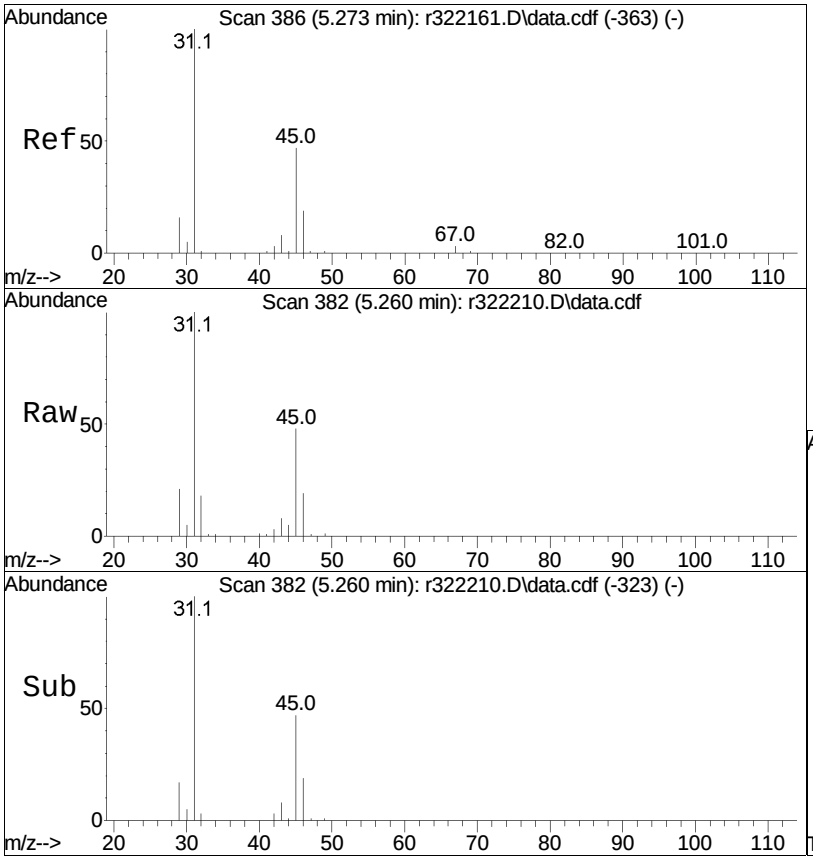


#6
chloromethane
Concen: 0.68 ppbV
RT: 4.126 min Scan# 187
Delta R.T. -0.012 min
Lab File: r322210.D
Acq: 19 May 2022 2:26 AM

Tgt Ion: 50 Resp: 11026

Ion	Ratio	Lower	Upper
50	100		
52	34.4	26.3	39.5

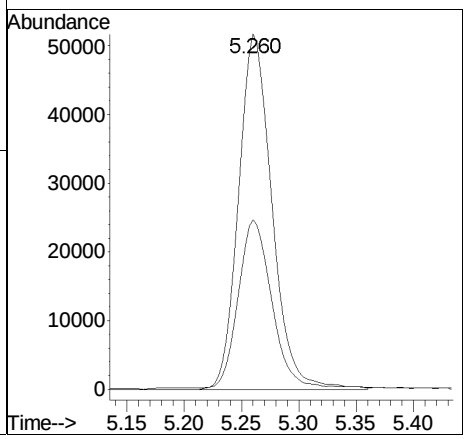


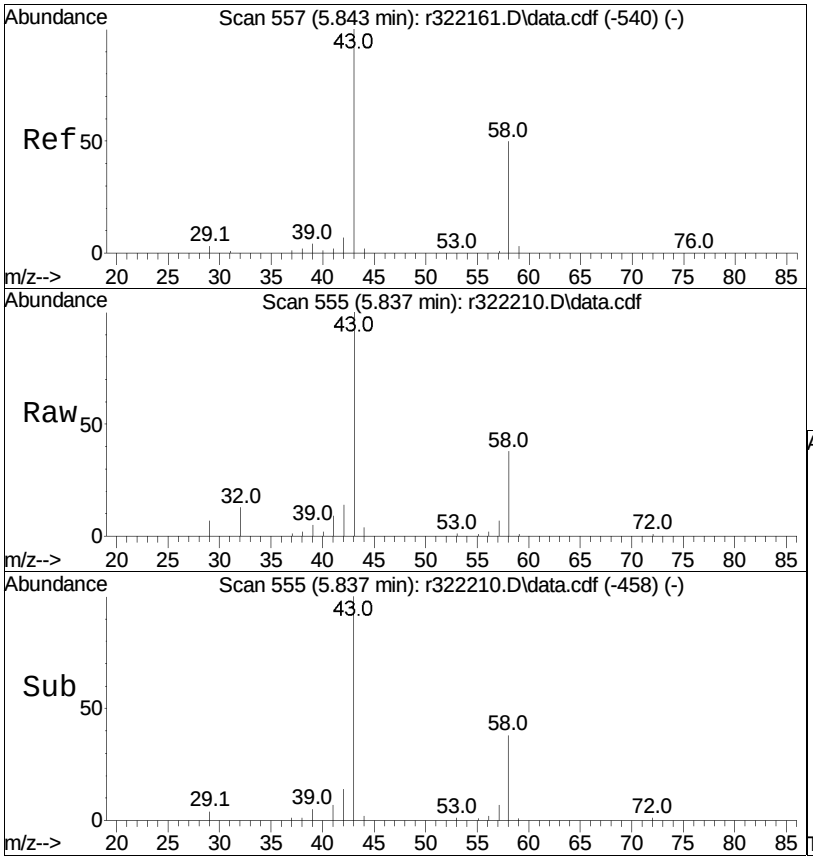


#15
ethanol
Concen: 6.36 ppbV
RT: 5.260 min Scan# 382
Delta R.T. -0.013 min
Lab File: r322210.D
Acq: 19 May 2022 2:26 AM

Tgt Ion: 31 Resp: 105033

Ion	Ratio	Lower	Upper
31	100		
45	47.8	37.6	56.4

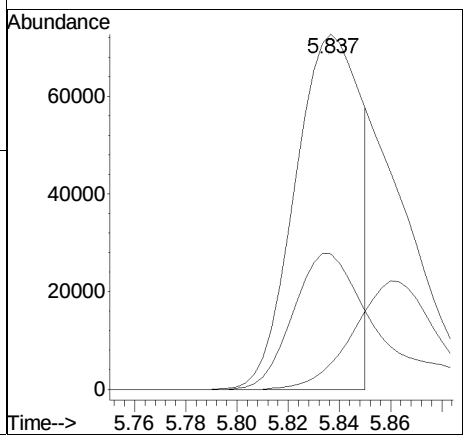


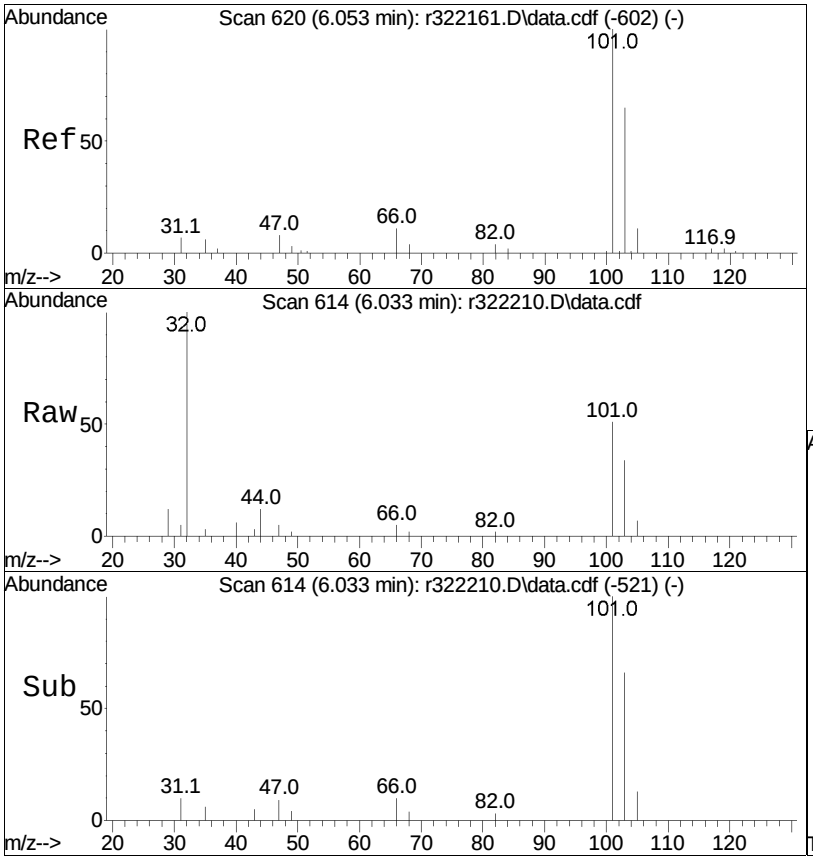


#19
acetone
Concen: 5.48 ppbV m
RT: 5.837 min Scan# 555
Delta R.T. -0.007 min
Lab File: r322210.D
Acq: 19 May 2022 2:26 AM

Tgt Ion: 43 Resp: 129032

Ion	Ratio	Lower	Upper
43	100		
58	38.1	39.8	59.8#
57	7.3	1.0	1.6#

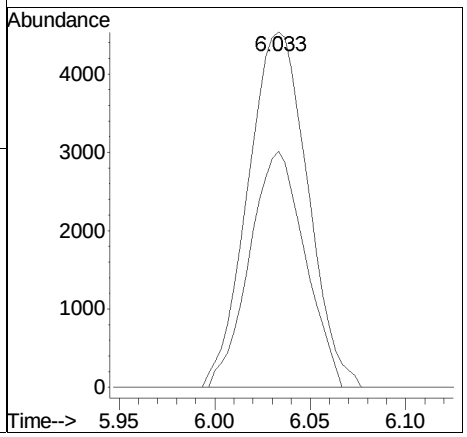


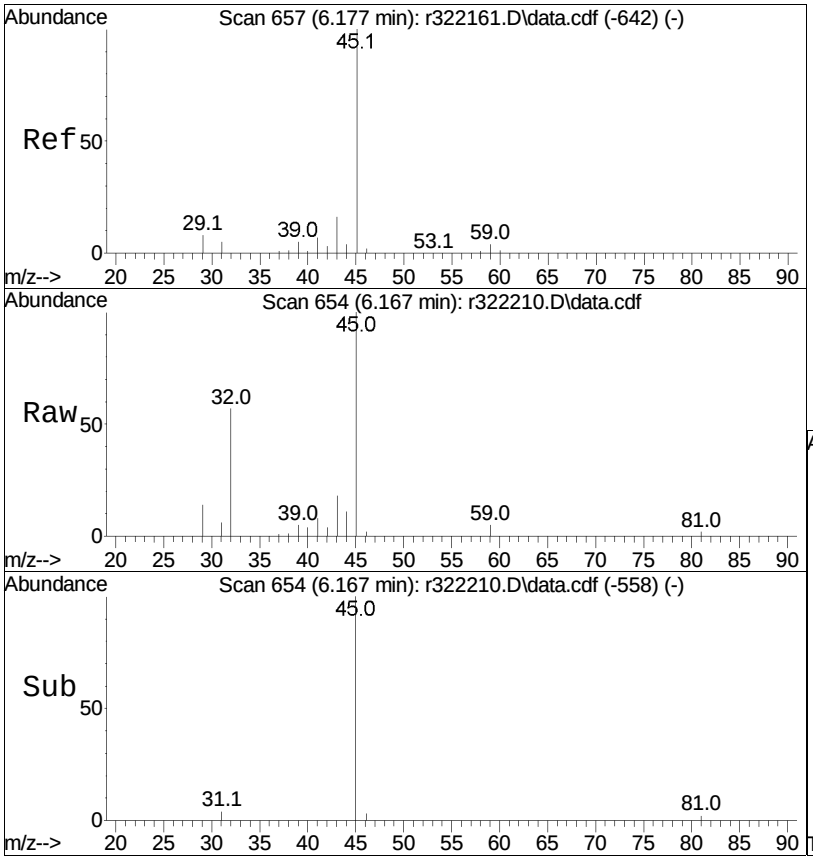


#21
trichlorofluoromethane
Concen: 0.32 ppbV
RT: 6.033 min Scan# 614
Delta R.T. -0.020 min
Lab File: r322210.D
Acq: 19 May 2022 2:26 AM

Tgt Ion:101 Resp: 9888

Ion	Ratio	Lower	Upper
101	100		
103	66.5	51.8	77.6

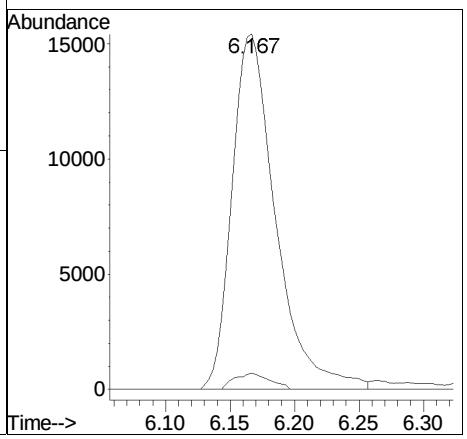


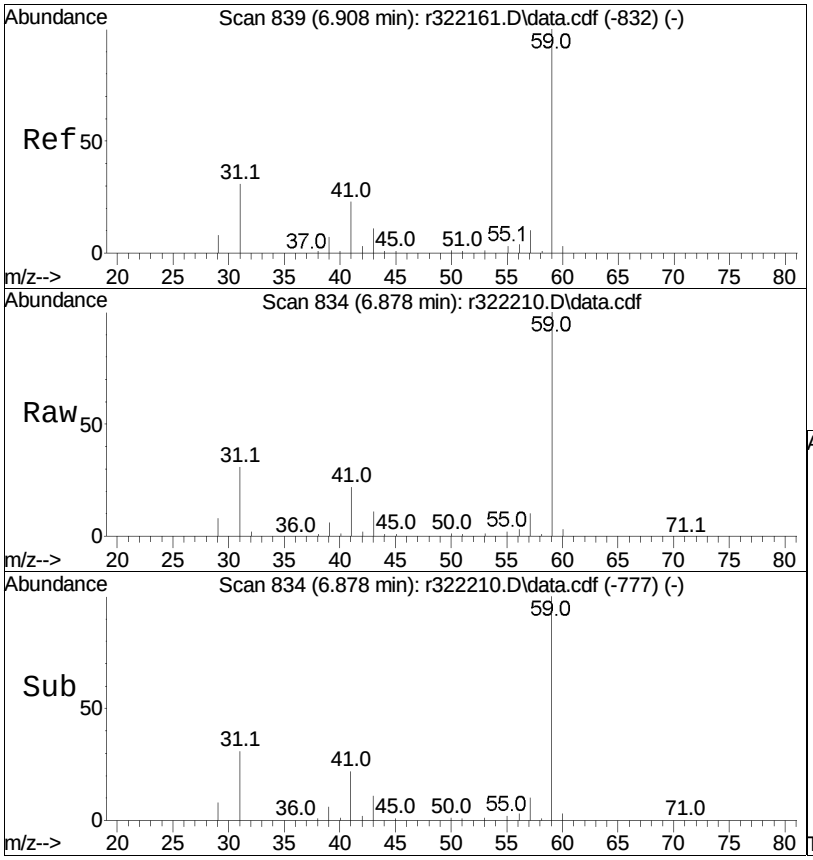


#22
isopropyl alcohol
Concen: 1.28 ppbV
RT: 6.167 min Scan# 654
Delta R.T. -0.010 min
Lab File: r322210.D
Acq: 19 May 2022 2:26 AM

Tgt Ion: 45 Resp: 36418

Ion	Ratio	Lower	Upper
45	100		
59	4.6	3.5	5.3

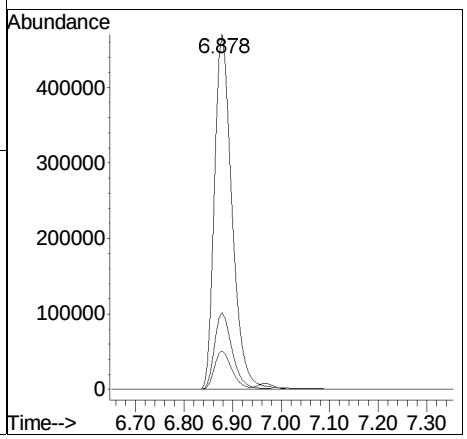


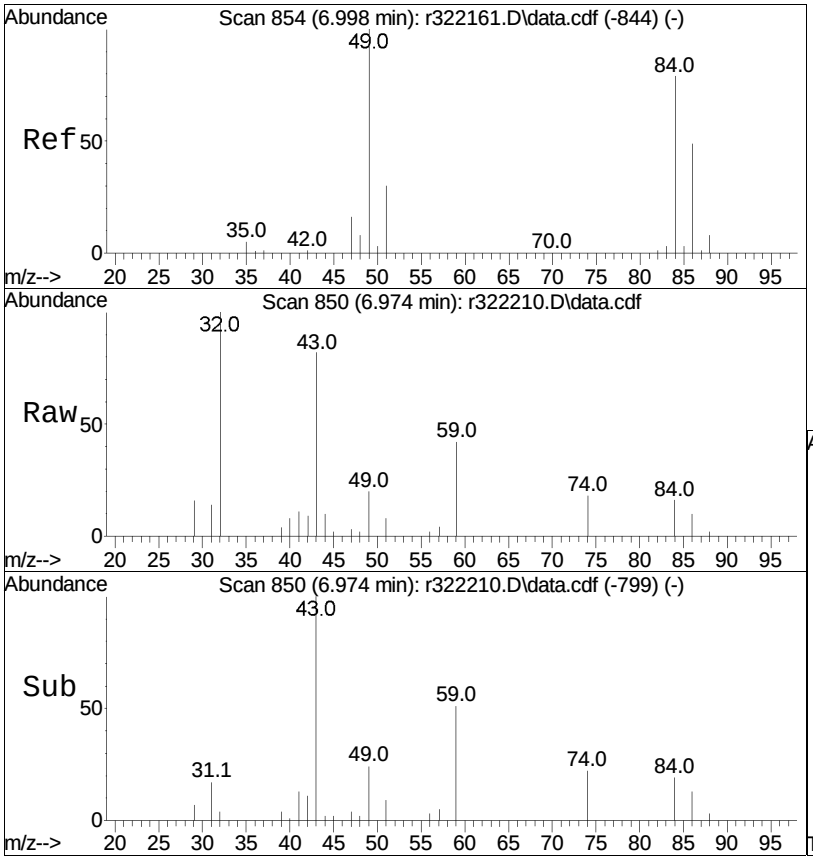


#27
tertiary butyl alcohol
Concen: 33.84 ppbV
RT: 6.878 min Scan# 834
Delta R.T. -0.030 min
Lab File: r322210.D
Acq: 19 May 2022 2:26 AM

Tgt Ion: 59 Resp: 1194075

Ion	Ratio	Lower	Upper
59	100		
41	21.6	18.2	27.2
43	10.9	8.9	13.3

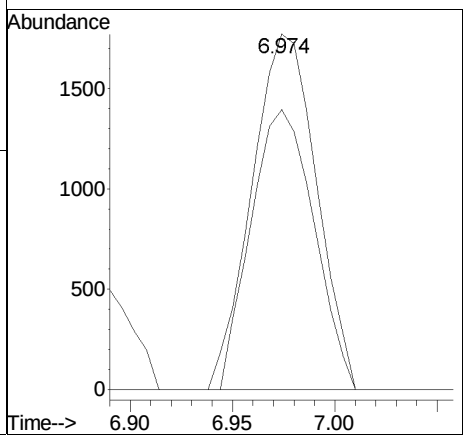


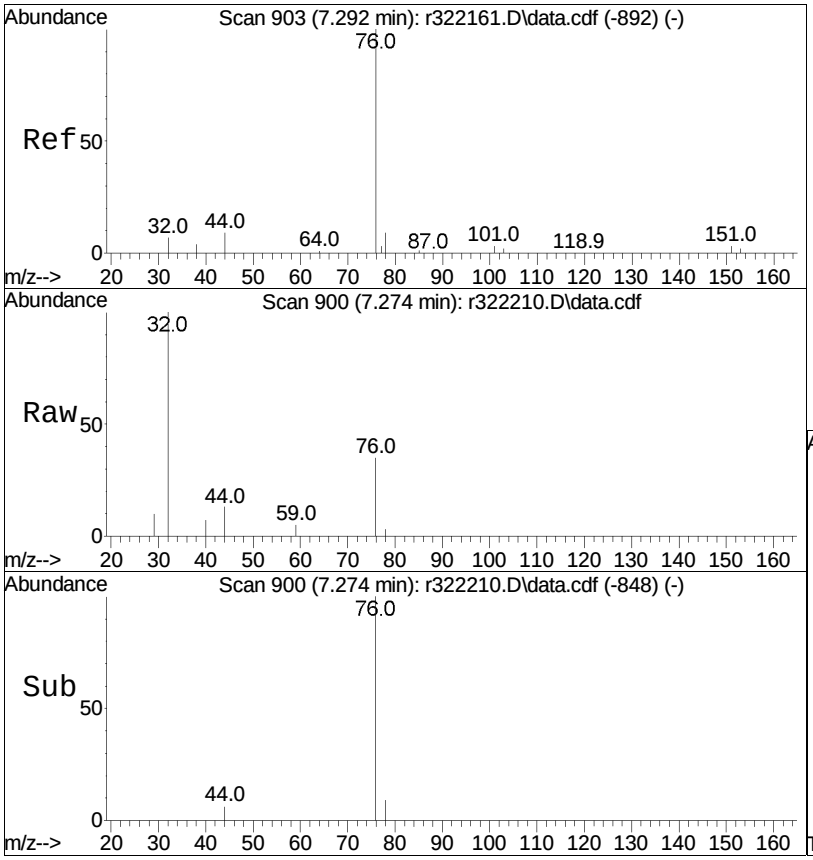


#28
methylene chloride
Concen: 0.15 ppbV
RT: 6.974 min Scan# 850
Delta R.T. -0.024 min
Lab File: r322210.D
Acq: 19 May 2022 2:26 AM

Tgt Ion: 49 Resp: 3897

Ion	Ratio	Lower	Upper
49	100		
84	78.7	63.0	94.6

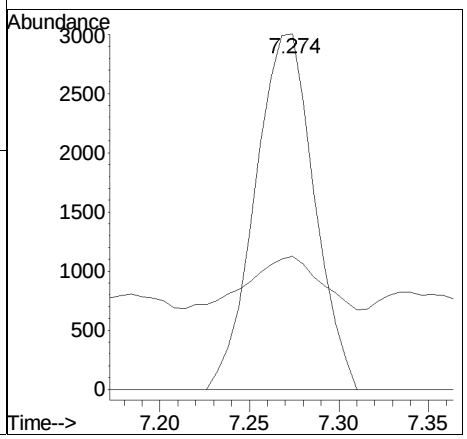


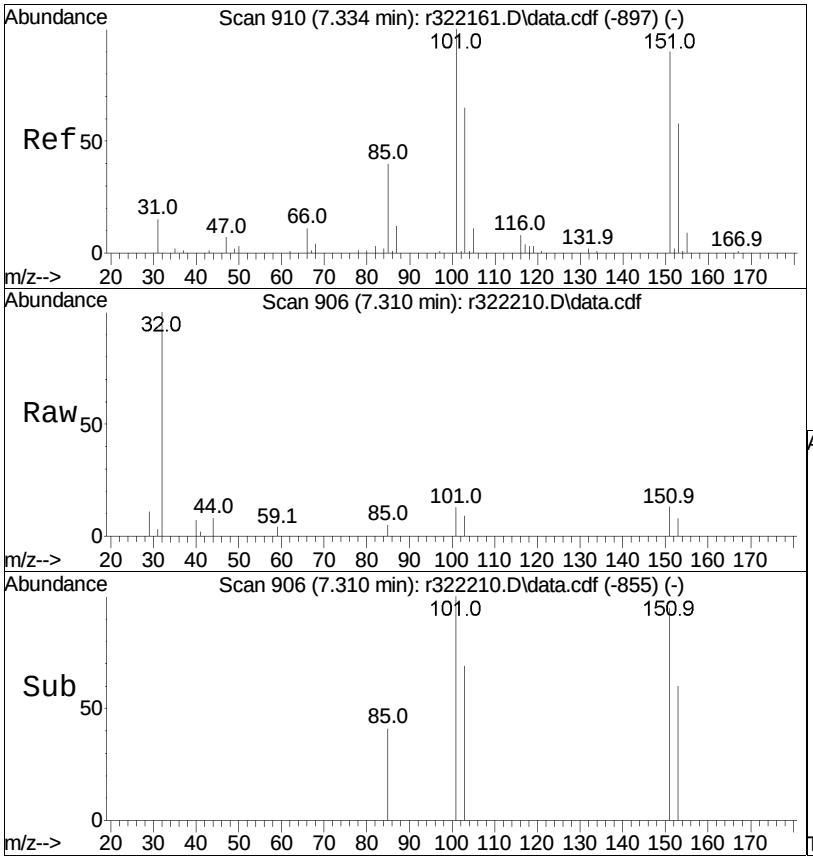


#30
carbon disulfide
Concen: 0.11 ppbV
RT: 7.274 min Scan# 900
Delta R.T. -0.018 min
Lab File: r322210.D
Acq: 19 May 2022 2:26 AM

Tgt Ion: 76 Resp: 6890

Ion	Ratio	Lower	Upper
76	100		
44	37.5	7.6	11.4#

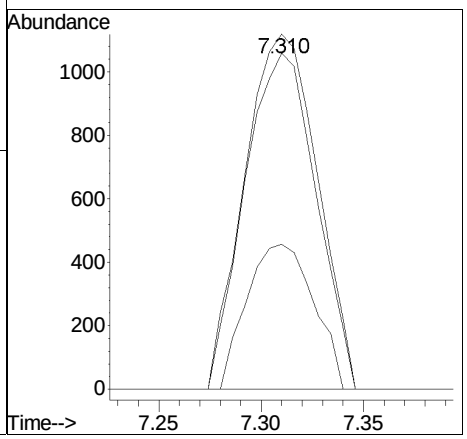


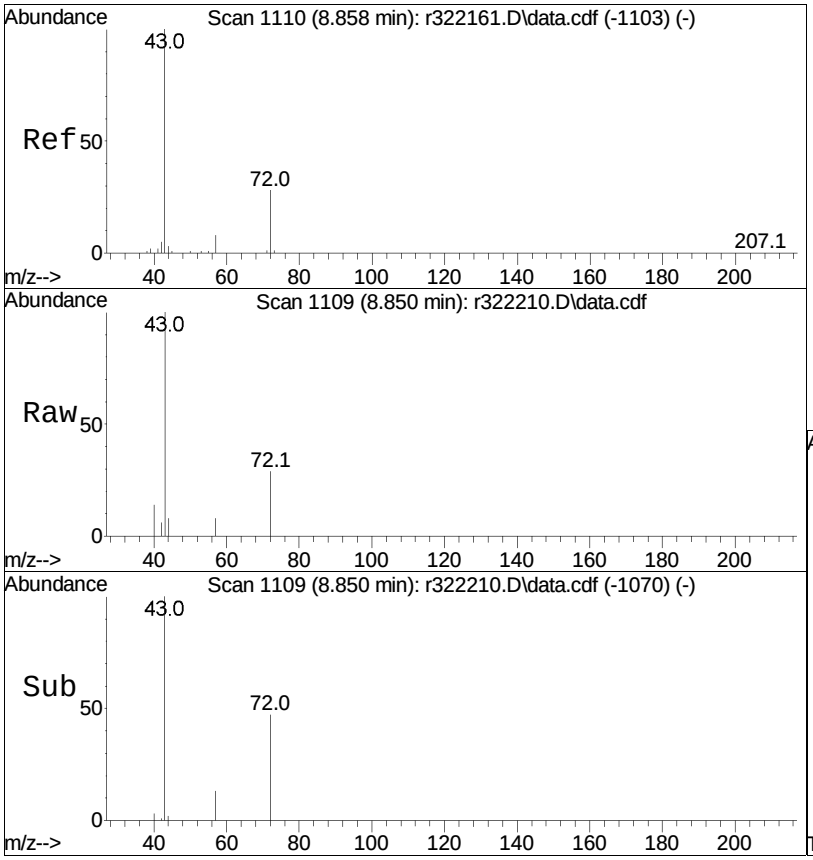


#31
Freon 113
Concen: 0.08 ppbV
RT: 7.310 min Scan# 906
Delta R.T. -0.024 min
Lab File: r322210.D
Acq: 19 May 2022 2:26 AM

Tgt Ion:101 Resp: 2767

Ion	Ratio	Lower	Upper
101	100		
85	40.8	31.8	47.8
151	94.6	72.2	108.4

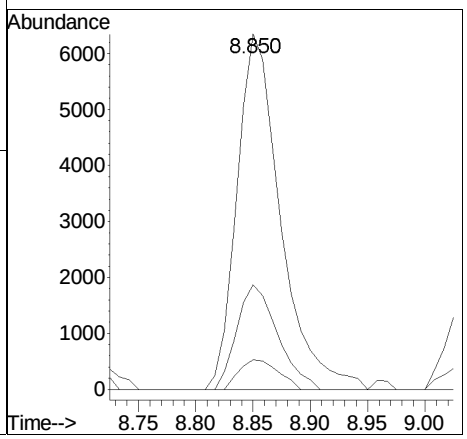


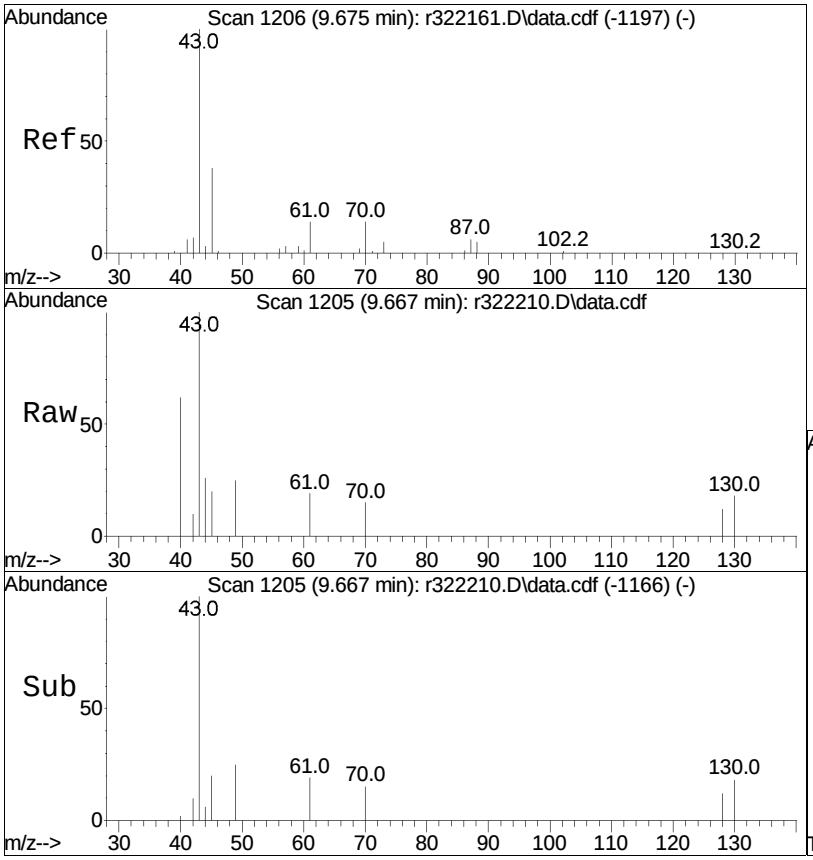


#36
2-butanone
Concen: 0.39 ppbV
RT: 8.850 min Scan# 1109
Delta R.T. -0.008 min
Lab File: r322210.D
Acq: 19 May 2022 2:26 AM

Tgt Ion: 43 Resp: 16832

Ion	Ratio	Lower	Upper
43	100		
72	29.5	22.6	33.8
57	8.3	6.6	10.0

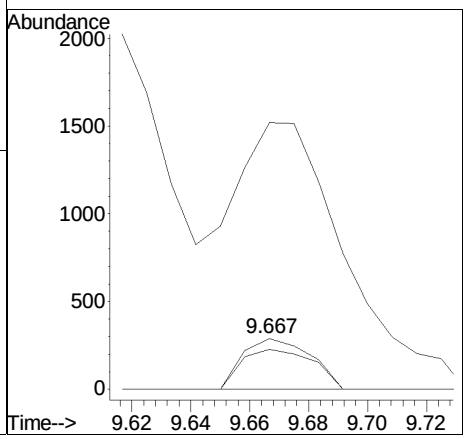


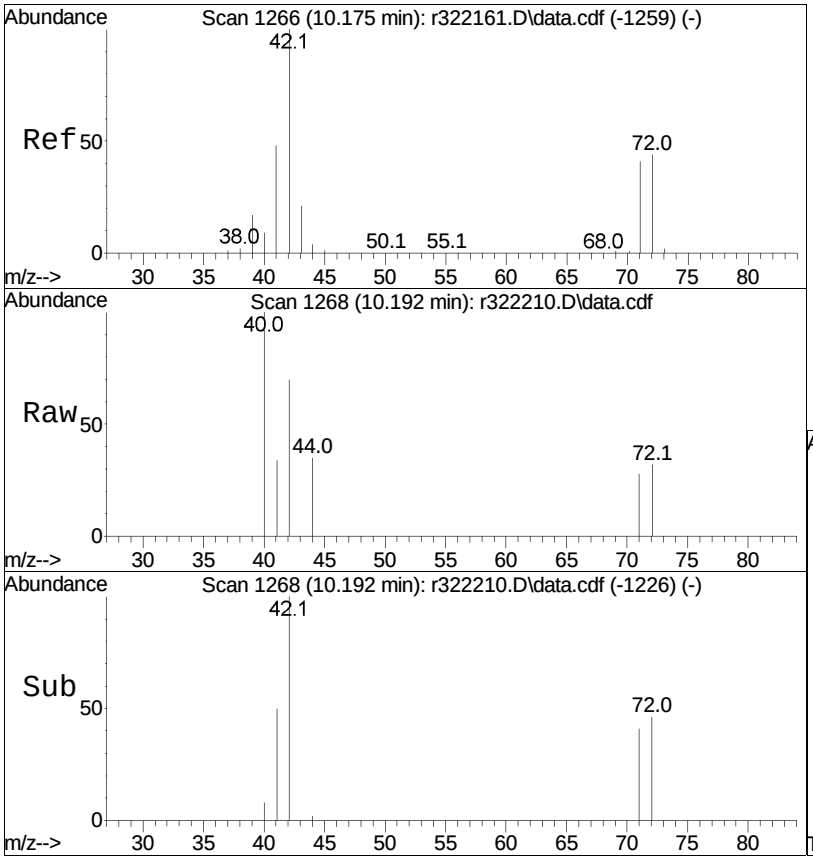


#38
Ethyl Acetate
Concen: 0.07 ppbV
RT: 9.667 min Scan# 1205
Delta R.T. -0.008 min
Lab File: r322210.D
Acq: 19 May 2022 2:26 AM

Tgt Ion: 61 Resp: 464

Ion	Ratio	Lower	Upper
61	100		
70	78.9	78.8	118.2
43	525.6	593.4	890.0#

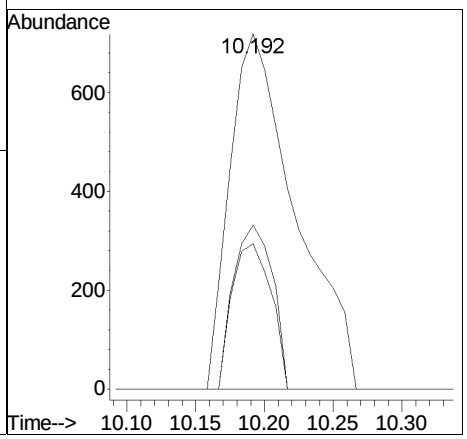


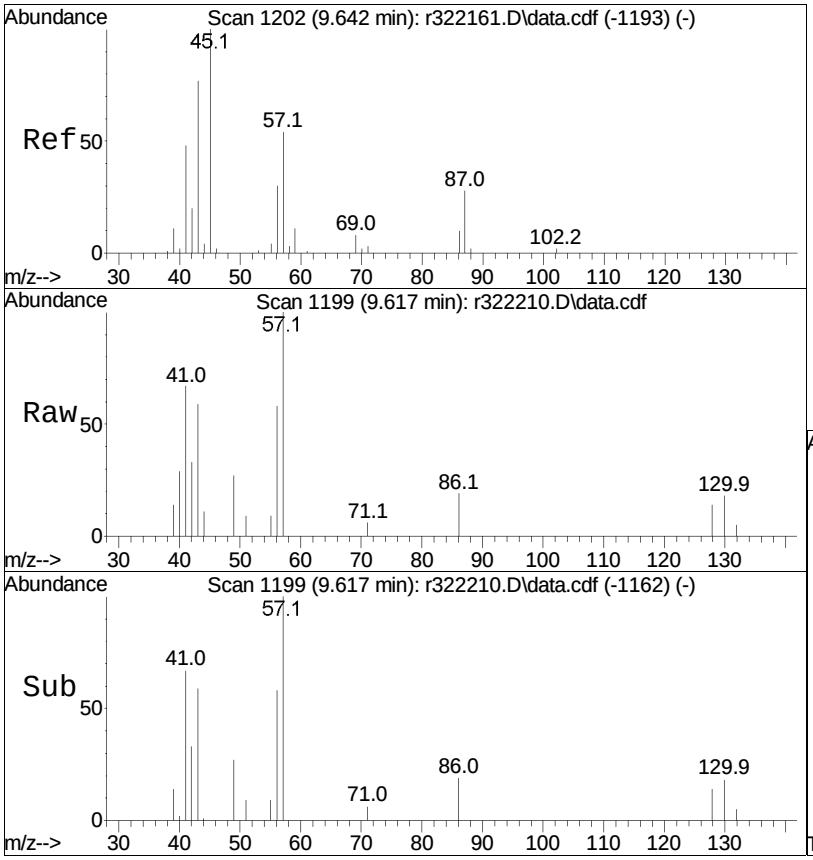


#40
Tetrahydrofuran
Concen: 0.10 ppbV
RT: 10.192 min Scan# 1268
Delta R.T. 0.017 min
Lab File: r322210.D
Acq: 19 May 2022 2:26 AM

Tgt Ion: 42 Resp: 2401

Ion	Ratio	Lower	Upper
42	100		
71	40.9	32.4	48.6
72	46.2	35.2	52.8

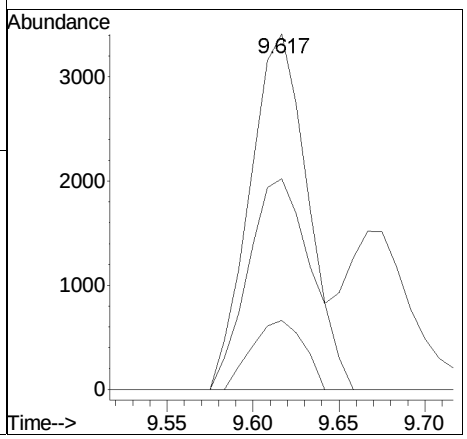


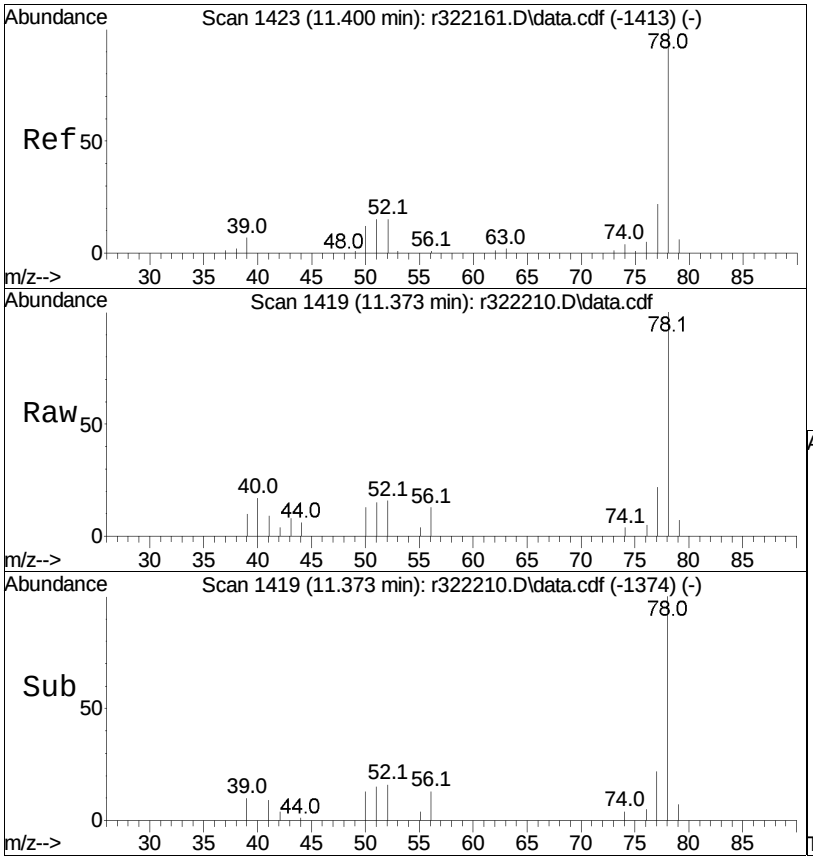


#44
hexane
Concen: 0.22 ppbV
RT: 9.617 min Scan# 1199
Delta R.T. -0.025 min
Lab File: r322210.D
Acq: 19 May 2022 2:26 AM

Tgt Ion: 57 Resp: 7979

Ion	Ratio	Lower	Upper
57	100		
43	59.3	115.0	172.6#
86	19.4	15.5	23.3

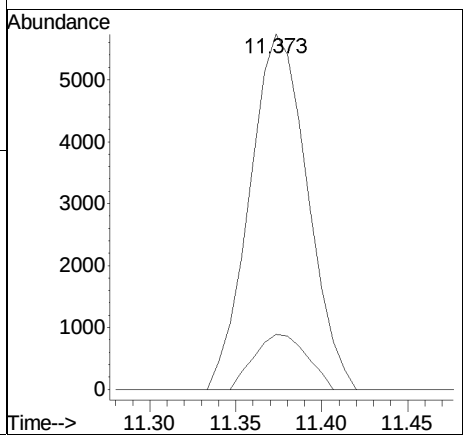


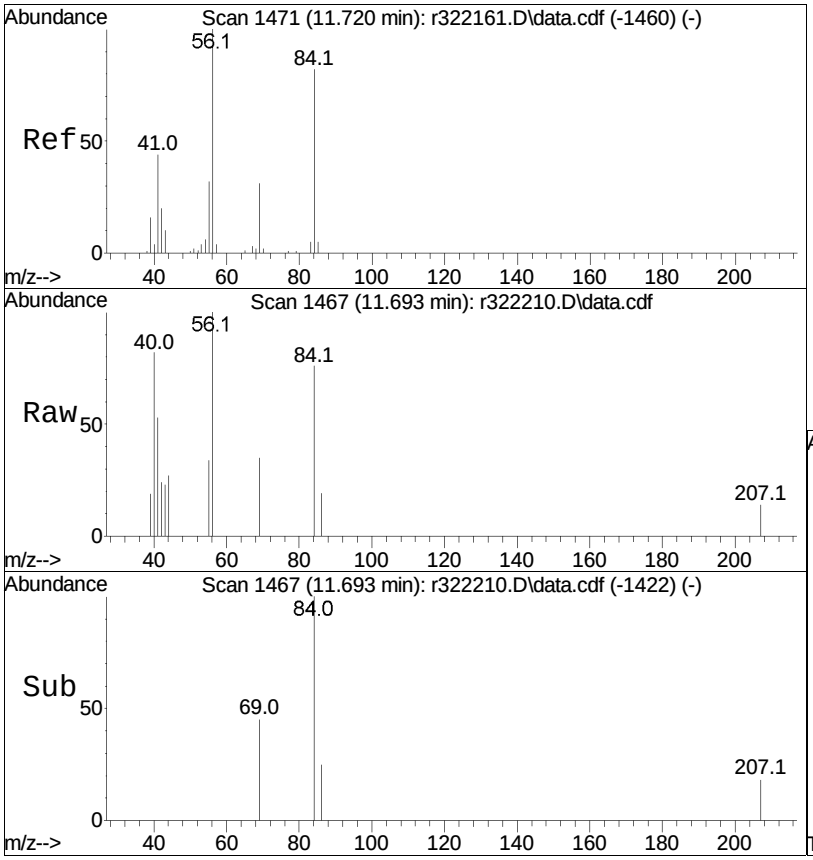


#50
benzene
Concen: 0.18 ppbV
RT: 11.373 min Scan# 1419
Delta R.T. -0.027 min
Lab File: r322210.D
Acq: 19 May 2022 2:26 AM

Tgt Ion: 78 Resp: 13411

Ion	Ratio	Lower	Upper
78	100		
52	15.5	12.2	18.2

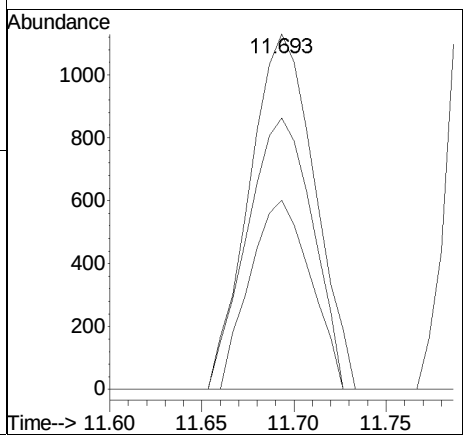


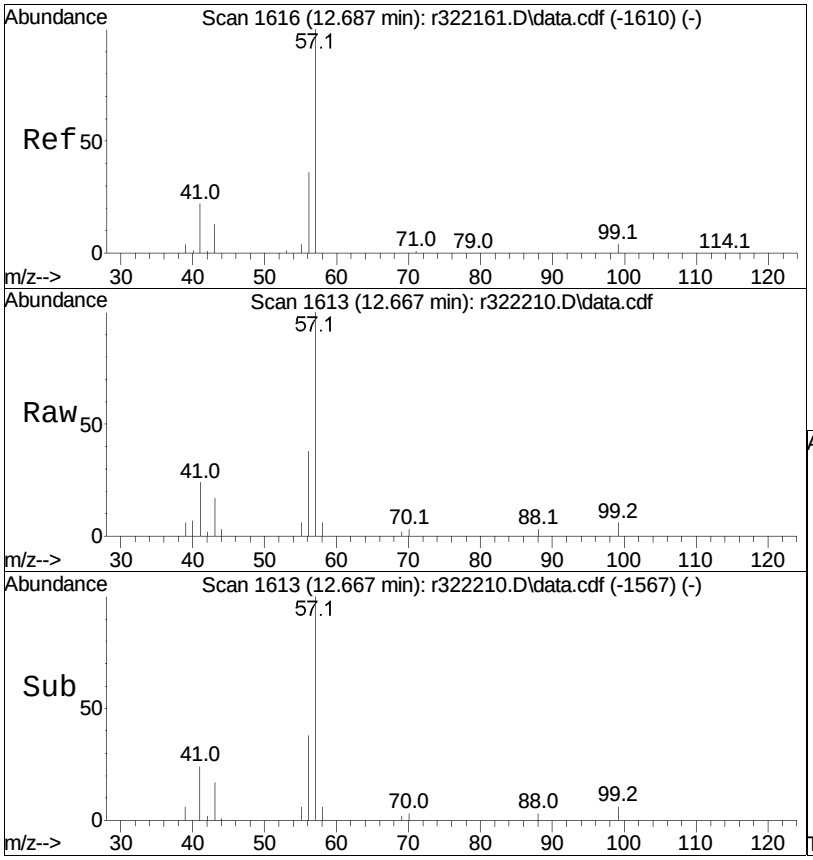


#53
cyclohexane
Concen: 0.07 ppbV
RT: 11.693 min Scan# 1467
Delta R.T. -0.027 min
Lab File: r322210.D
Acq: 19 May 2022 2:26 AM

Tgt Ion: 56 Resp: 2789

Ion	Ratio	Lower	Upper
56	100		
84	76.4	65.4	98.0
41	53.2	35.4	53.2#

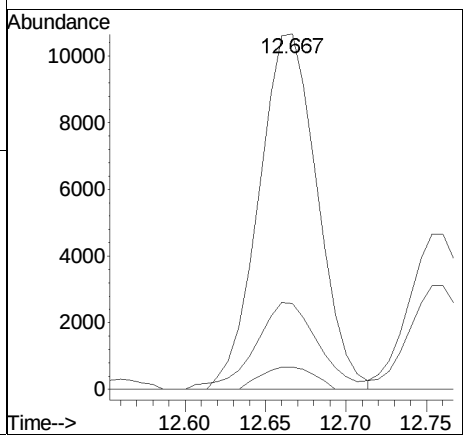


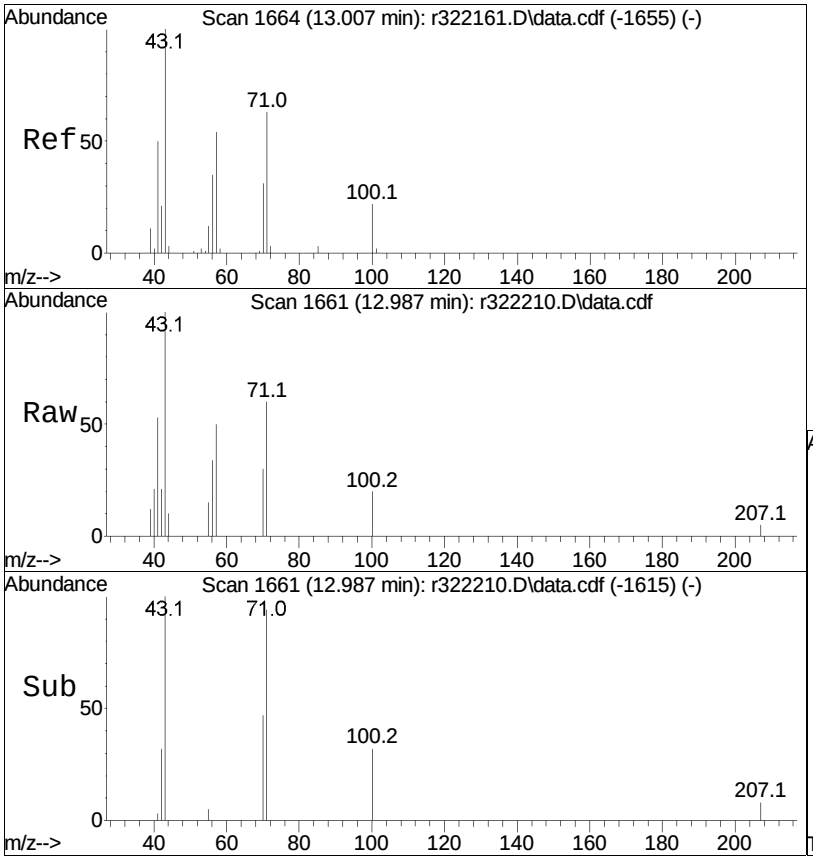


#60
2,2,4-trimethylpentane
Concen: 0.24 ppbV
RT: 12.667 min Scan# 1613
Delta R.T. -0.020 min
Lab File: r322210.D
Acq: 19 May 2022 2:26 AM

Tgt Ion: 57 Resp: 26923

Ion	Ratio	Lower	Upper
57	100		
99	6.3	5.0	7.4
41	24.1	17.4	26.2

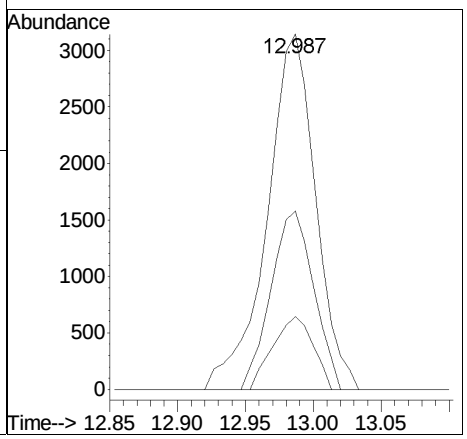


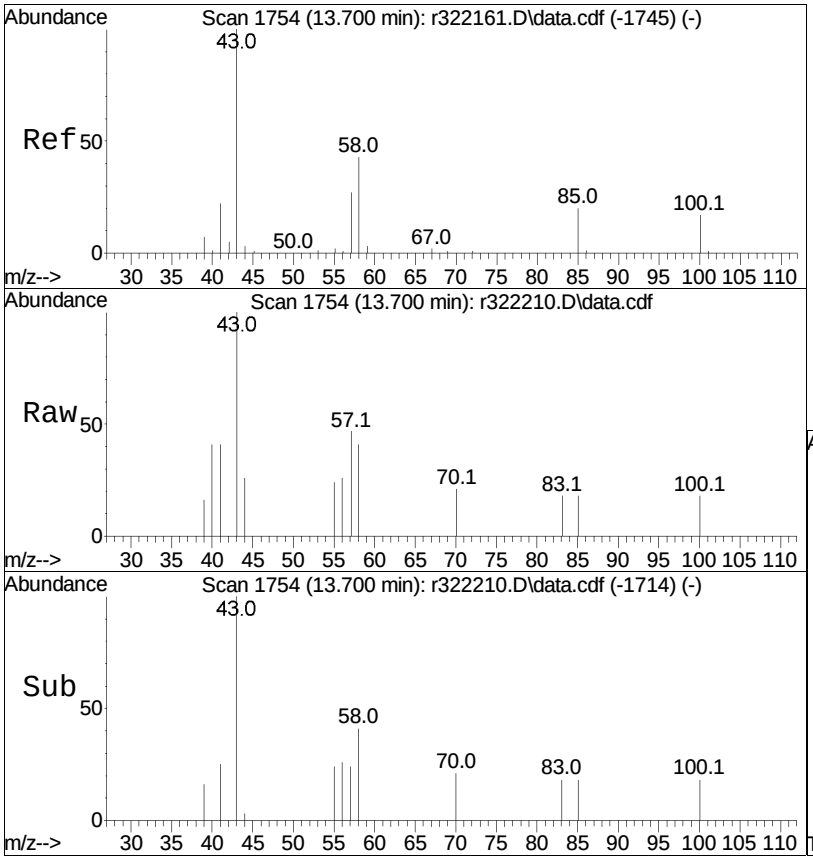


#62
heptane
Concen: 0.18 ppbV
RT: 12.987 min Scan# 1661
Delta R.T. -0.020 min
Lab File: r322210.D
Acq: 19 May 2022 2:26 AM

Tgt Ion: 43 Resp: 7821

Ion	Ratio	Lower	Upper
43	100		
57	50.2	43.0	64.4
100	20.5	17.6	26.4

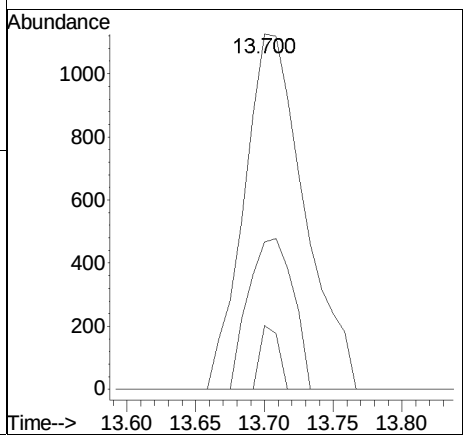


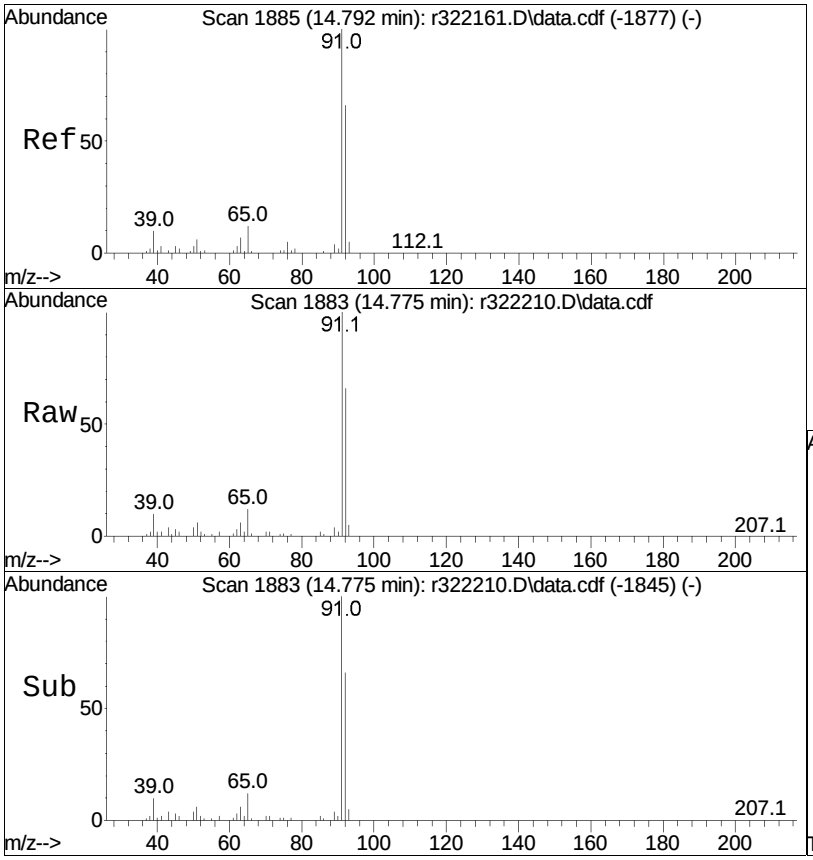


#64
4-methyl-2-pentanone
Concen: 0.07 ppbV
RT: 13.700 min Scan# 1754
Delta R.T. 0.000 min
Lab File: r322210.D
Acq: 19 May 2022 2:26 AM

Tgt Ion: 43 Resp: 3445

Ion	Ratio	Lower	Upper
43	100		
58	41.5	34.3	51.5
100	17.9	13.8	20.6

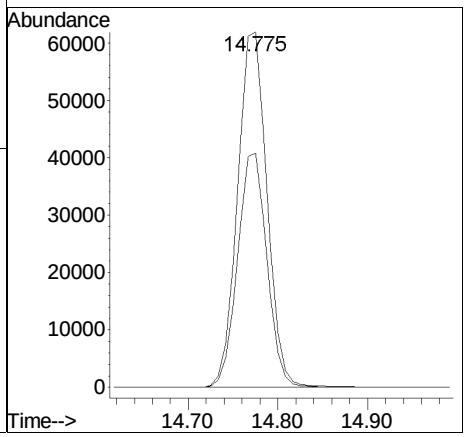


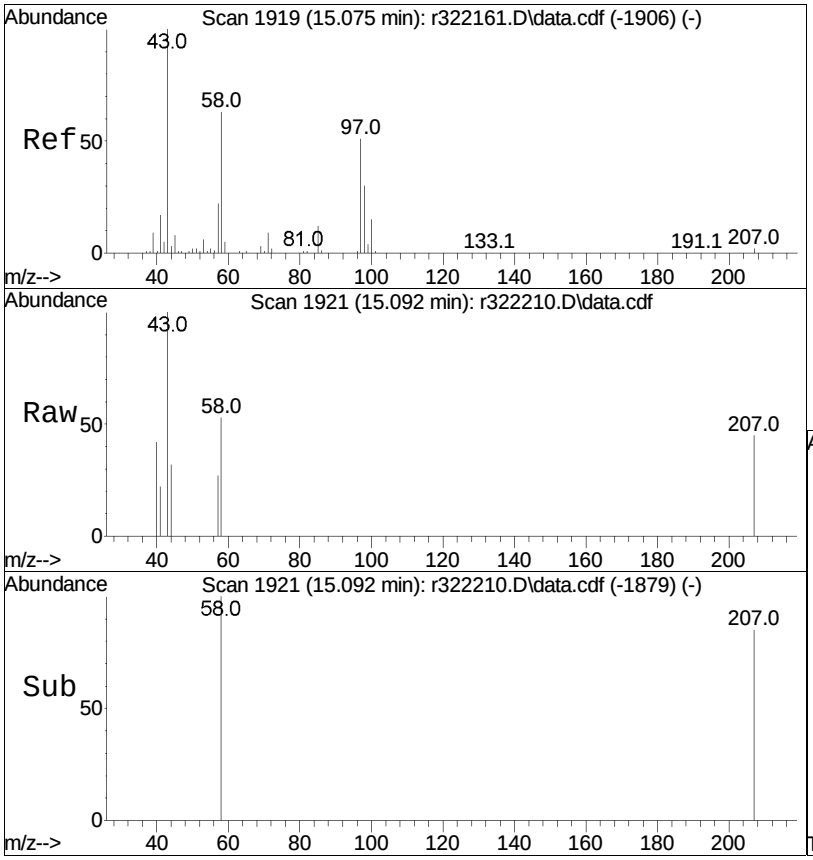


#68
toluene
Concen: 1.87 ppbV
RT: 14.775 min Scan# 1883
Delta R.T. -0.017 min
Lab File: r322210.D
Acq: 19 May 2022 2:26 AM

Tgt Ion: 91 Resp: 141393

Ion	Ratio	Lower	Upper
91	100		
92	66.0	52.7	79.1

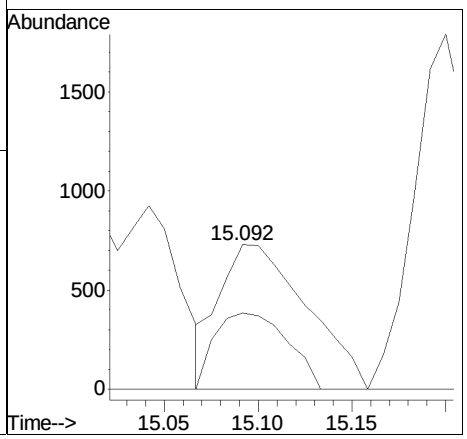


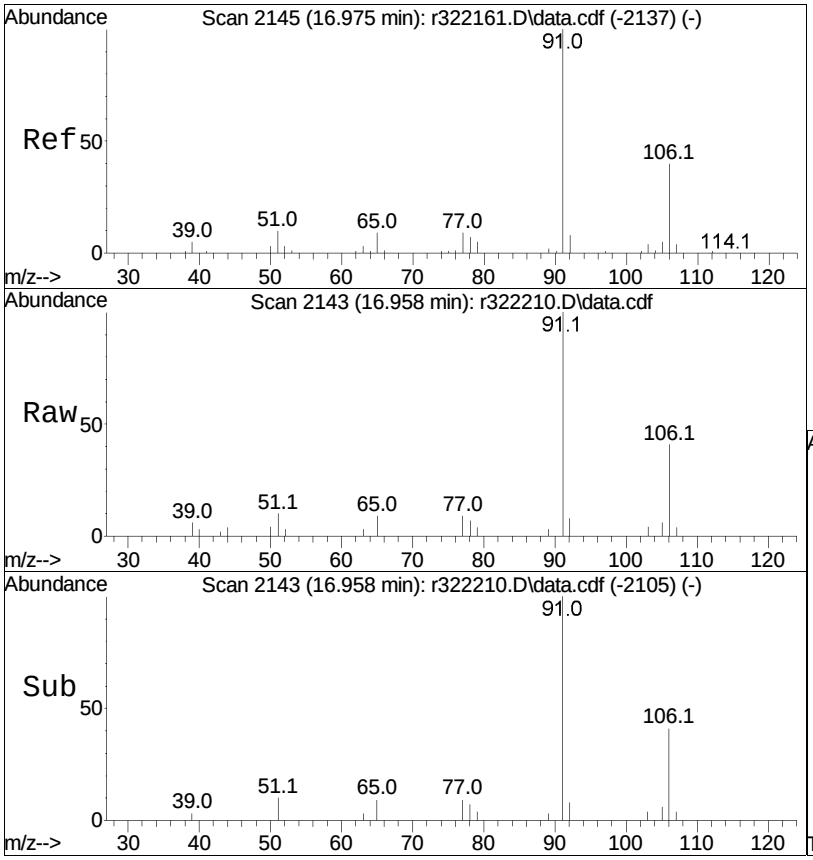


#72
2-hexanone
Concen: 0.05 ppbV
RT: 15.092 min Scan# 1921
Delta R.T. 0.017 min
Lab File: r322210.D
Acq: 19 May 2022 2:26 AM

Tgt Ion: 43 Resp: 2369

Ion	Ratio	Lower	Upper
43	100		
58	52.7	50.5	75.7
100	0.0	12.2	18.2#

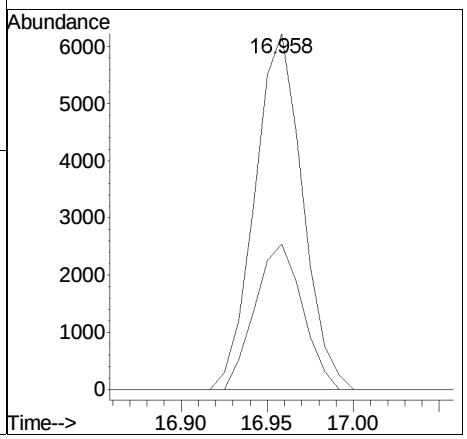


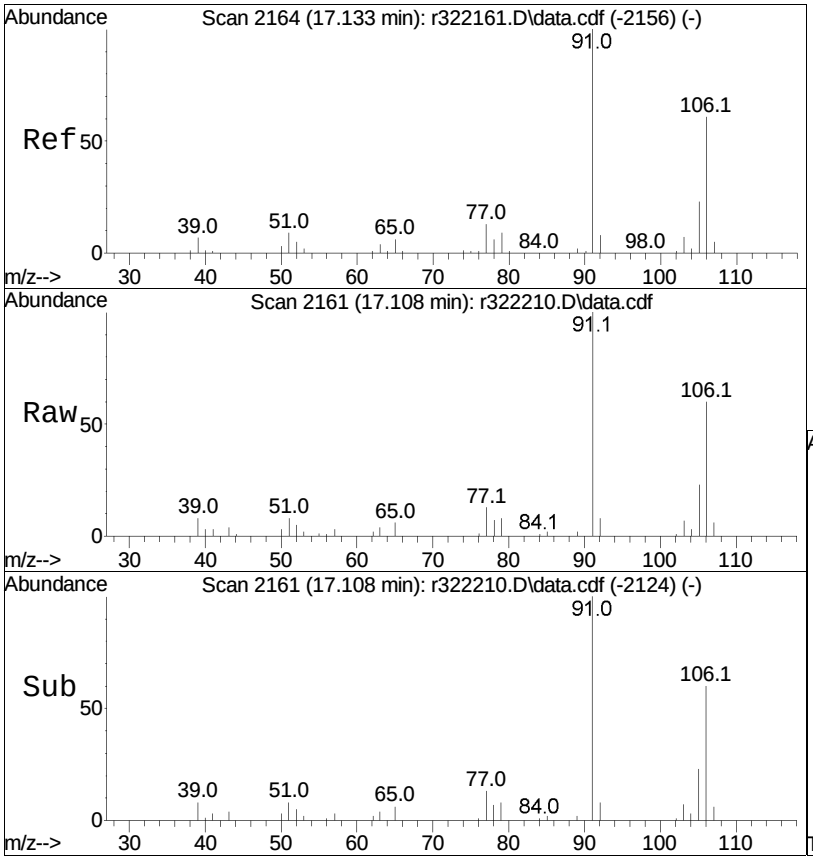


#81
ethylbenzene
Concen: 0.13 ppbV
RT: 16.958 min Scan# 2143
Delta R.T. -0.017 min
Lab File: r322210.D
Acq: 19 May 2022 2:26 AM

Tgt Ion: 91 Resp: 12012

Ion	Ratio	Lower	Upper
91	100		
106	40.9	32.4	48.6

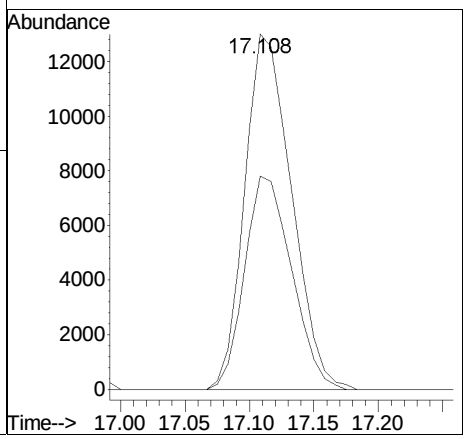


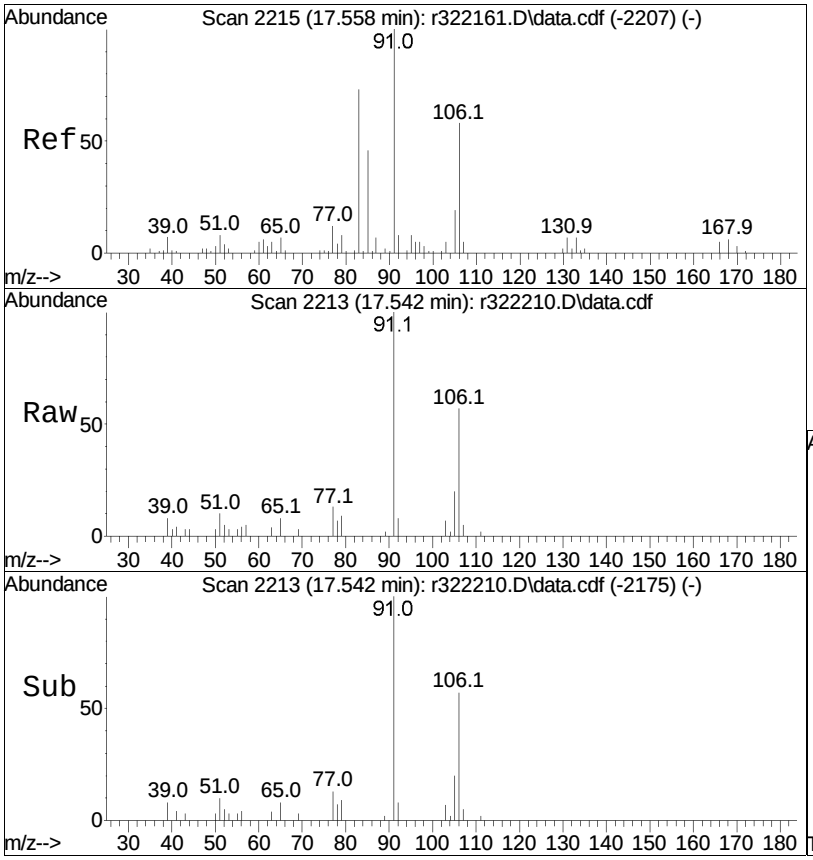


#83
m+p-xylene
Concen: 0.44 ppbV
RT: 17.108 min Scan# 2161
Delta R.T. -0.025 min
Lab File: r322210.D
Acq: 19 May 2022 2:26 AM

Tgt Ion: 91 Resp: 32851

Ion	Ratio	Lower	Upper
91	100		
106	60.0	48.4	72.6

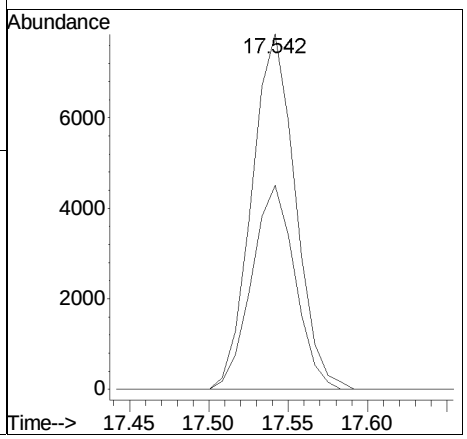


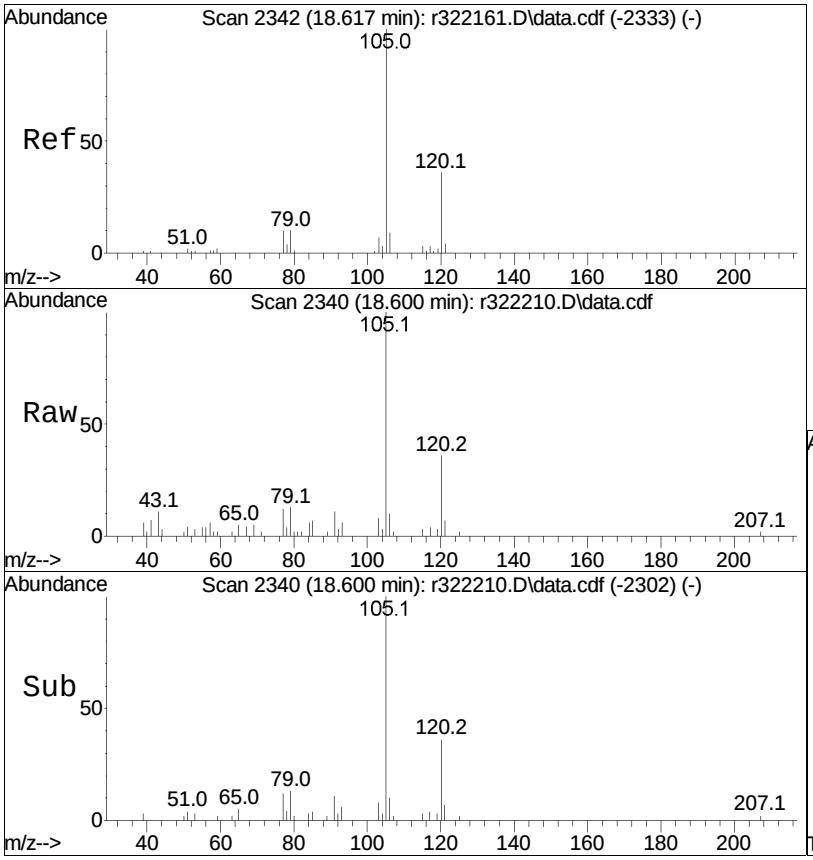


#87
o-xylene
Concen: 0.20 ppbV
RT: 17.542 min Scan# 2213
Delta R.T. -0.017 min
Lab File: r322210.D
Acq: 19 May 2022 2:26 AM

Tgt Ion: 91 Resp: 15038

Ion	Ratio	Lower	Upper
91	100		
106	57.4	46.4	69.6

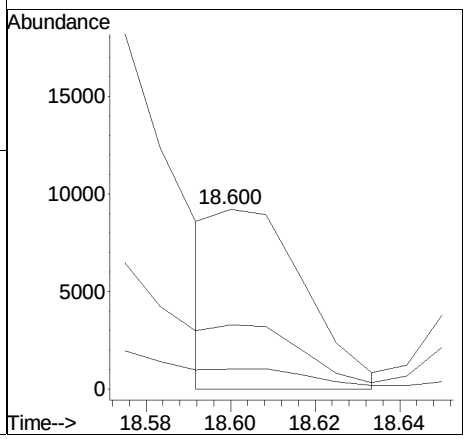


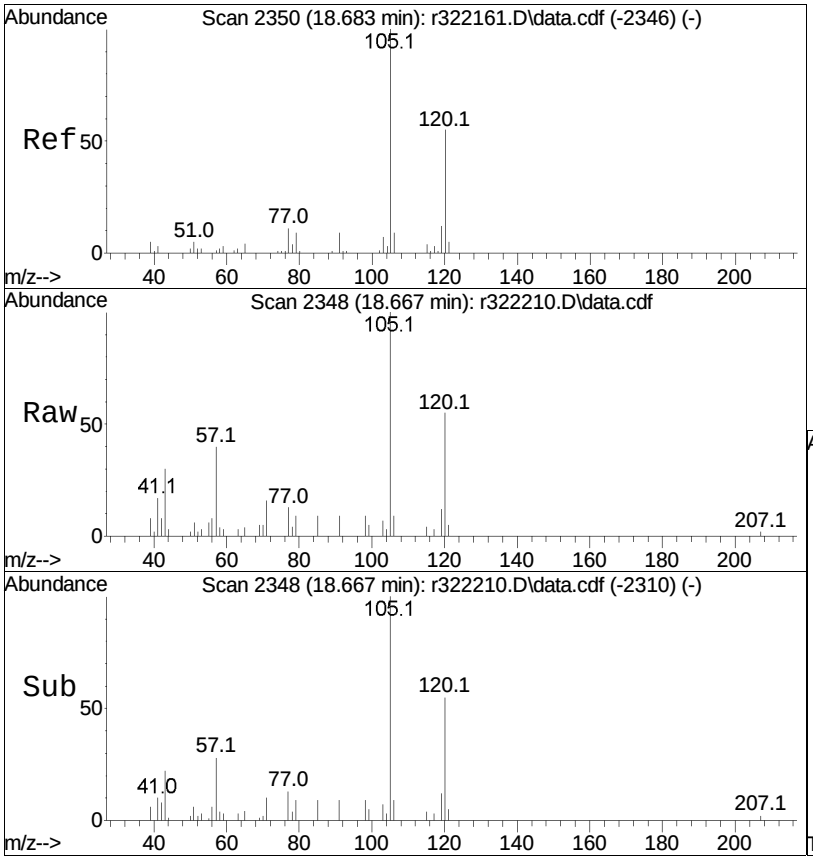


#96
4-ethyl toluene
Concen: 0.12 ppbV m
RT: 18.600 min Scan# 2340
Delta R.T. -0.017 min
Lab File: r322210.D
Acq: 19 May 2022 2:26 AM

Tgt Ion:105 Resp: 13556

Ion	Ratio	Lower	Upper
105	100		
120	35.8	28.6	42.8
91	11.2	7.4	11.2#

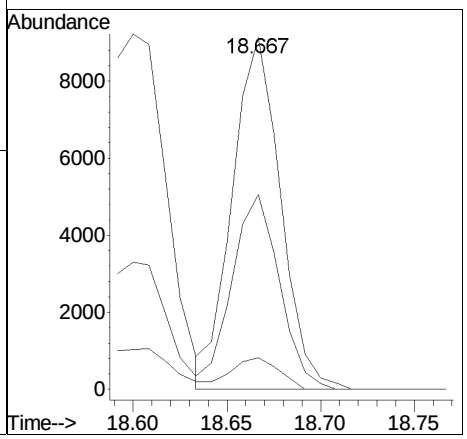


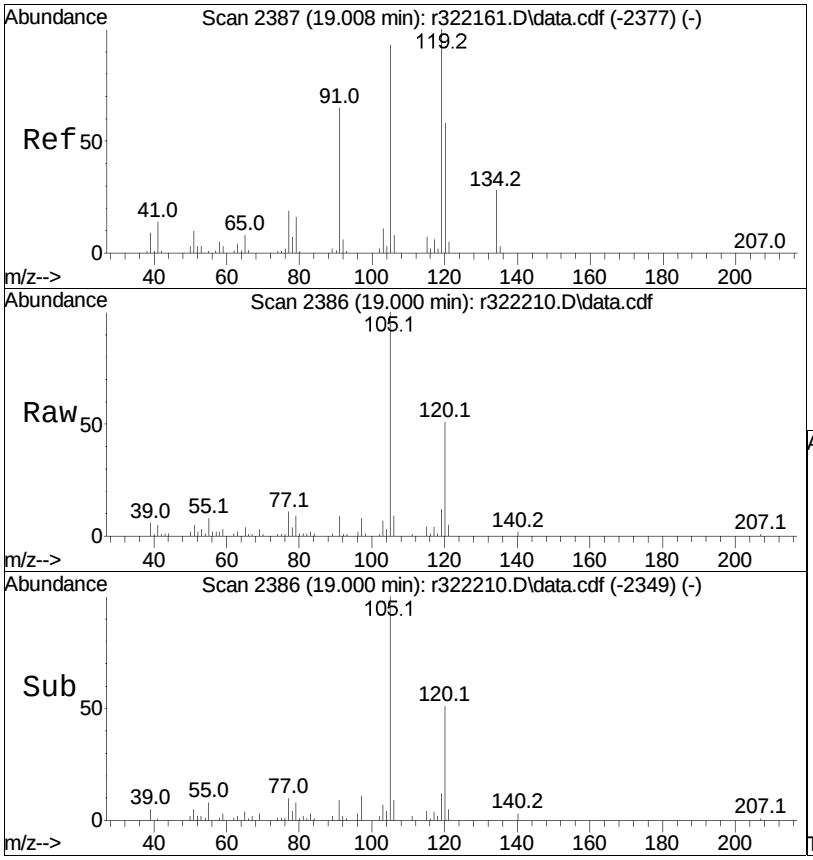


#97
1,3,5-trimethylbenzene
Concen: 0.16 ppbV
RT: 18.667 min Scan# 2348
Delta R.T. -0.017 min
Lab File: r322210.D
Acq: 19 May 2022 2:26 AM

Tgt Ion:105 Resp: 16388

Ion	Ratio	Lower	Upper
105	100		
120	55.4	43.7	65.5
91	9.0	7.0	10.4

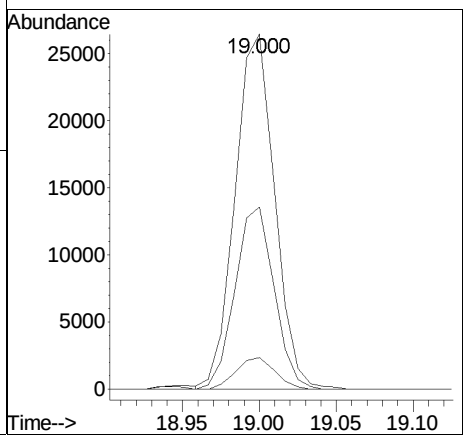




#99
1,2,4-trimethylbenzene
Concen: 0.52 ppbV m
RT: 19.000 min Scan# 2386
Delta R.T. -0.008 min
Lab File: r322210.D
Acq: 19 May 2022 2:26 AM

Tgt Ion:105 Resp: 47383

Ion	Ratio	Lower	Upper
105	100		
120	51.3	49.4	74.2
91	9.0	55.8	83.8#

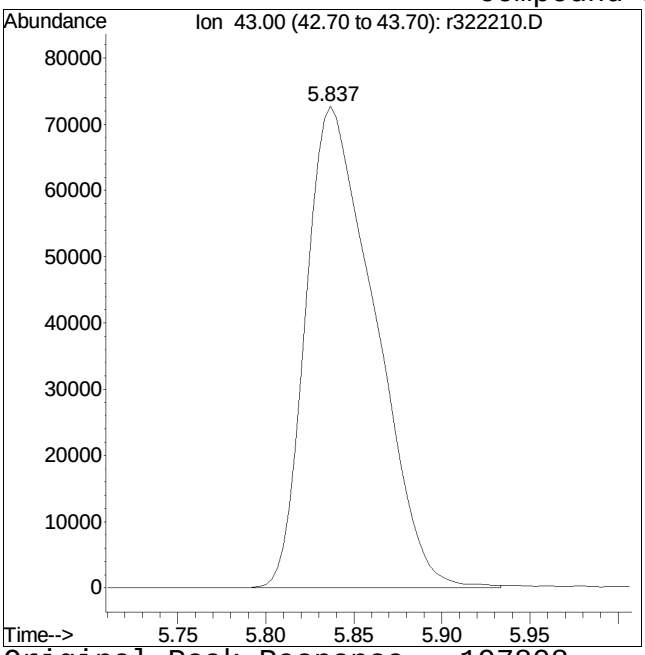


Manual Integration Report

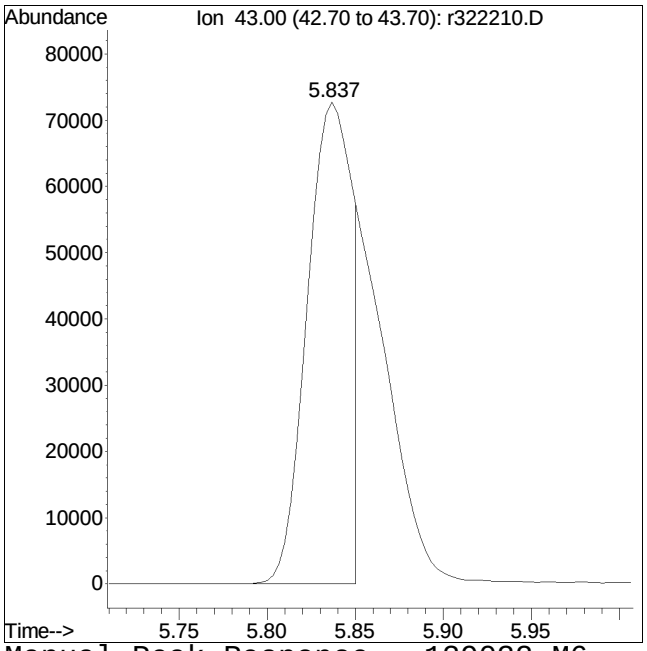
Data Path : O:\Forensics\Data\AirpianoQ
Data File : r322210.D
Date Inj'd : 5/19/2020 0:2: 6
Sample : L2225590-07,3,250,250

Method : TFS3_220516.M
Operator : AIRPIANO3:TS
Instrument :
Quant Date : 5/19/2022 8:52 am

Compound #19: acetone



Original Peak Response = 197808



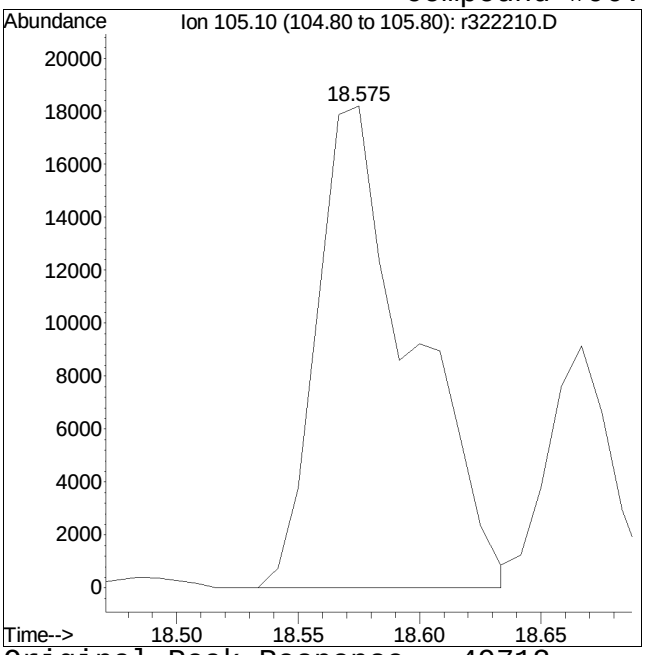
Manual Peak Response = 129032 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

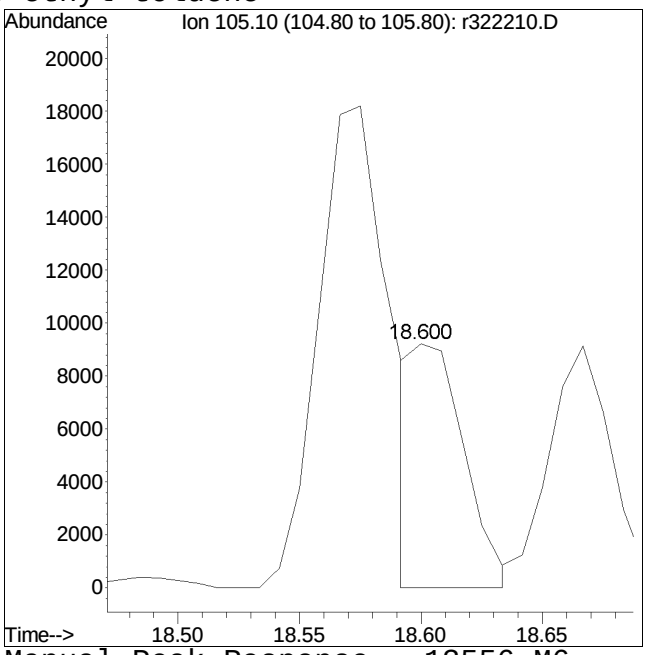
Manual Integration Report

Data Path : O:\Forensics\Data\AirpianoQMethod : TFS3_220516.M
Data File : r322210.D Operator : AIRPIANO3:TS
Date Inj'd : 5/19/2020 0:2: 6 Instrument :
Sample : L2225590-07,3,250,250 Quant Date : 5/19/2022 8:52 am

Compound #96: 4-ethyl toluene



Original Peak Response = 49712



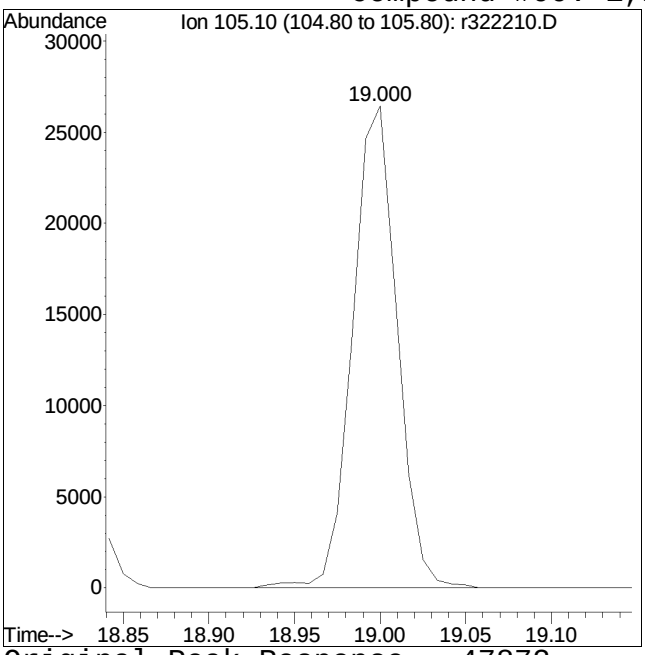
Manual Peak Response = 13556 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

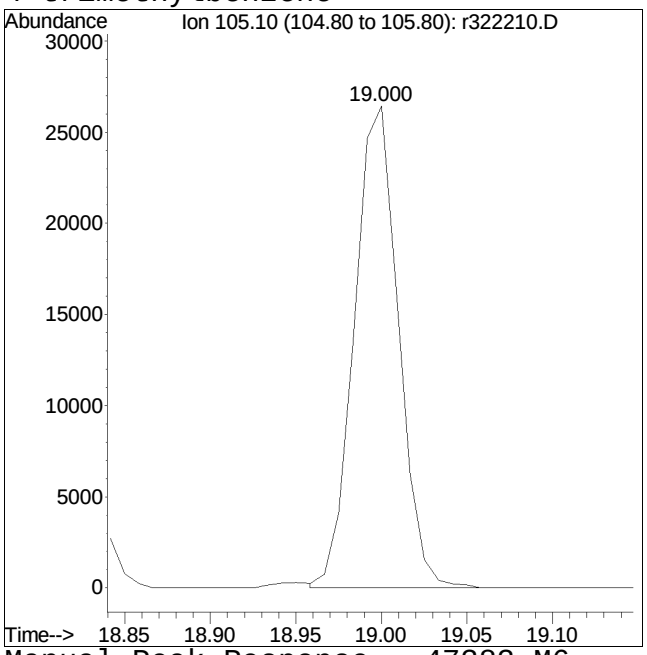
Manual Integration Report

Data Path : O:\Forensics\Data\AirpianoQMethod : TFS3_220516.M
Data File : r322210.D Operator : AIRPIANO3:TS
Date Inj'd : 5/19/2020 0:2: 6 Instrument :
Sample : L2225590-07,3,250,250 Quant Date : 5/19/2022 8:52 am

Compound #99: 1,2,4-trimethylbenzene



Original Peak Response = 47872



Manual Peak Response = 47383 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518T\
Data File : r322211.D
Acq On : 19 May 2022 3:06 AM
Operator : AIRPIANO3:TS
Sample : L2225590-06,3,250,250
Misc : WG1640147,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 19 18:08:17 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0518T\r322194.D
Sub List : TO15-NY-7-SIM - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.542	49	426461	10.000	ppbV	-0.03
Standard Area = 443368			Recovery =	96.19%		
43) 1,4-difluorobenzene	11.820	114	1283406	10.000	ppbV	-0.02
Standard Area = 1337389			Recovery =	95.96%		
67) chlorobenzene-D5	16.567	54	201732	10.000	ppbV	-0.02
Standard Area = 206902			Recovery =	97.50%		
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	3.946	85	20312	0.606	ppbV	100
6) chloromethane	4.126	50	11525	0.715	ppbV	99
7) Freon-114	4.252		0	N.D.		
10) 1,3-butadiene	4.552		0	N.D.		
13) bromomethane	4.864		0	N.D.		
14) chloroethane	0.000		0	N.D.		
15) ethanol	5.263	31	105508	6.440	ppbV	99
17) vinyl bromide	0.000		0	N.D.		
19) acetone	5.843	43	95448M6	4.085	ppbV	
21) trichlorofluoromethane	6.037	101	9528	0.312	ppbV	99
22) isopropyl alcohol	6.170	45	44428	1.580	ppbV	100
27) tertiary butyl alcohol	6.890	59	870272	24.880	ppbV	99
28) methylene chloride	6.980	49	4481	0.168	ppbV	99
29) 3-chloropropene	0.000		0	N.D.		
30) carbon disulfide	7.274	76	5561	0.091	ppbV #	1
31) Freon 113	7.310	101	2804	0.082	ppbV	96
32) trans-1,2-dichloroethene	0.000		0	N.D.		
33) 1,1-dichloroethane	0.000		0	N.D.		
34) MTBE	8.458		0	N.D.		
36) 2-butanone	8.858	43	15379	0.362	ppbV	100
38) Ethyl Acetate	9.675	61	400	0.058	ppbV	90
39) chloroform	9.708		0	N.D.		
40) Tetrahydrofuran	10.192	42	2829	0.115	ppbV	95
42) 1,2-dichloroethane	0.000		0	N.D.		
44) hexane	9.617	57	9341	0.255	ppbV #	43
50) benzene	11.380	78	15890	0.211	ppbV	100
53) cyclohexane	11.700	56	3528	0.093	ppbV	93

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518T\
Data File : r322211.D
Acq On : 19 May 2022 3:06 AM
Operator : AIRPIANO3:TS
Sample : L2225590-06,3,250,250
Misc : WG1640147,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 19 18:08:17 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0518T\r322194.D
Sub List : TO15-NY-7-SIM - .

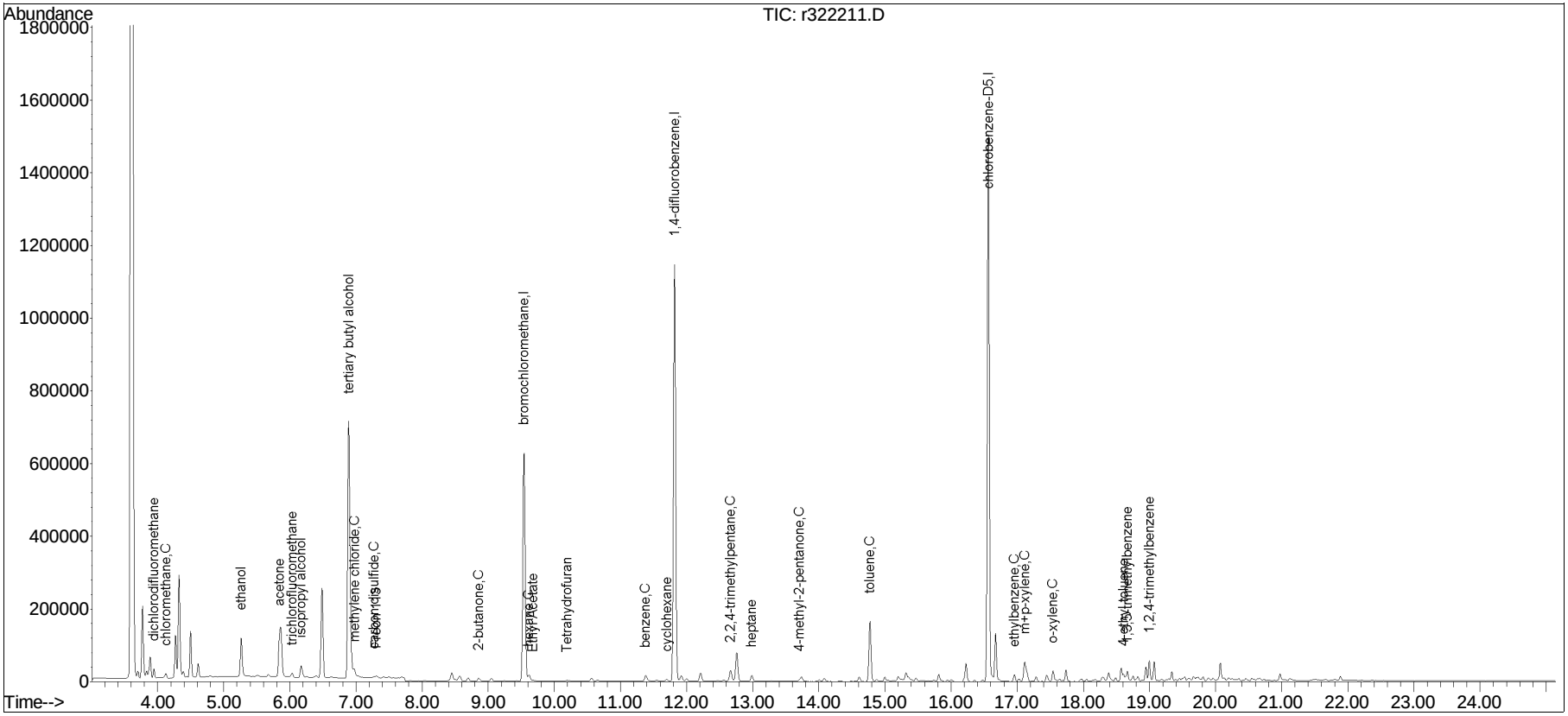
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) 1,2-dichloropropane	0.000		0	N.D.		
57) bromodichloromethane	12.567		0	N.D.		
58) 1,4-dioxane	12.660		0	N.D.		
60) 2,2,4-trimethylpentane	12.667	57	34920	0.309	ppbV	94
62) heptane	12.987	43	9831	0.233	ppbV	100
63) cis-1,3-dichloropropene	0.000		0	N.D.		
64) 4-methyl-2-pentanone	13.708	43	3976	0.082	ppbV	94
65) trans-1,3-dichloropropene	0.000		0	N.D.		
66) 1,1,2-trichloroethane	0.000		0	N.D.		
68) toluene	14.775	91	143629	1.895	ppbV	99
72) 2-hexanone	15.100		0	N.D.		
74) dibromochloromethane	0.000		0	N.D.		
75) 1,2-dibromoethane	0.000		0	N.D.		
80) chlorobenzene	16.617		0	N.D.		
81) ethylbenzene	16.958	91	16350	0.180	ppbV	98
83) m+p-xylene	17.117	91	46091	0.621	ppbV	99
84) bromoform	0.000		0	N.D.		
85) styrene	17.450		0	N.D.		
86) 1,1,2,2-tetrachloroethane	17.575		0	N.D.		
87) o-xylene	17.542	91	18979	0.256	ppbV	99
96) 4-ethyl toluene	18.608	105	9182M6	0.081	ppbV	
97) 1,3,5-trimethylbenzene	18.667	105	12110	0.117	ppbV	97
99) 1,2,4-trimethylbenzene	19.000	105	32277M6	0.357	ppbV	
101) Benzyl Chloride	19.175		0	N.D.		
102) 1,3-dichlorobenzene	19.183		0	N.D.		
103) 1,4-dichlorobenzene	19.183		0	N.D.		
107) 1,2-dichlorobenzene	0.000		0	N.D.		
115) 1,2,4-trichlorobenzene	0.000		0	N.D.		
119) hexachlorobutadiene	0.000		0	N.D.		

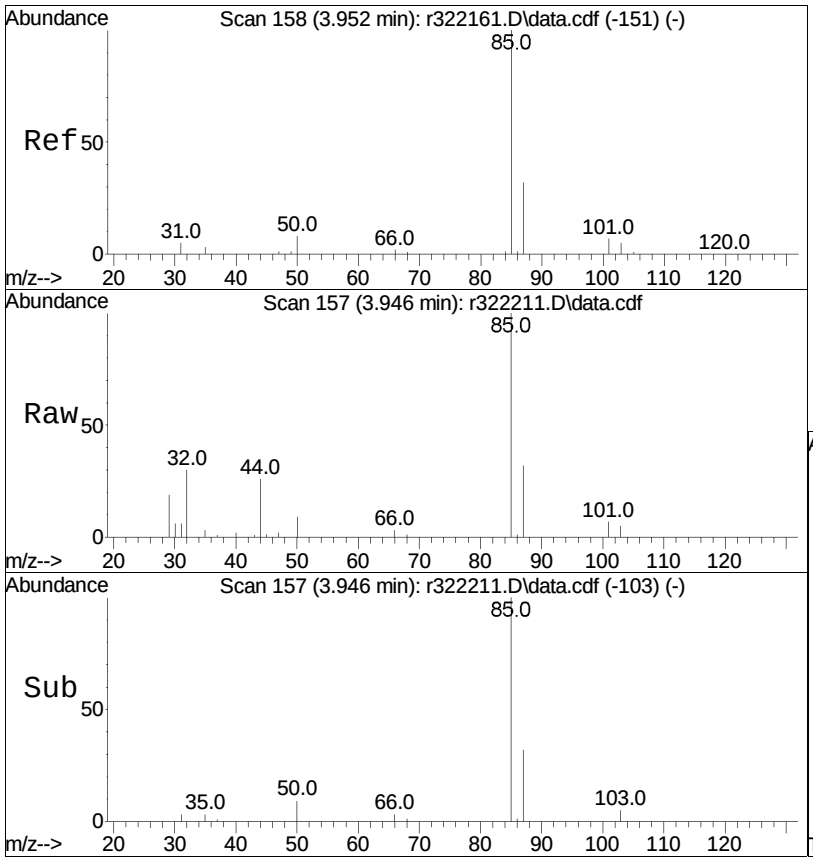
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : TO15-NY-7-SIM - .\Airpiano3\2022\05\0518T\r322194.D

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518T\
Data File : r322211.D
Acq On : 19 May 2022 3:06 AM
Operator : AIRPIANO3:TS
Sample : L2225590-06,3,250,250
Misc : WG1640147,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 19 18:08:17 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

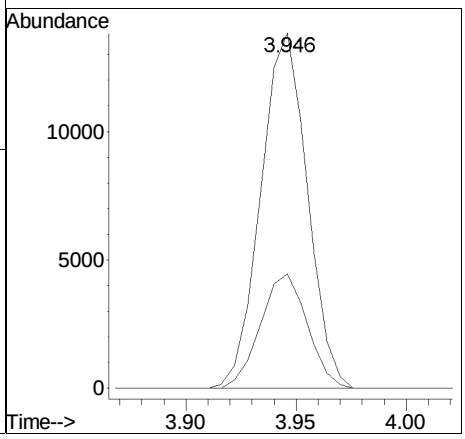


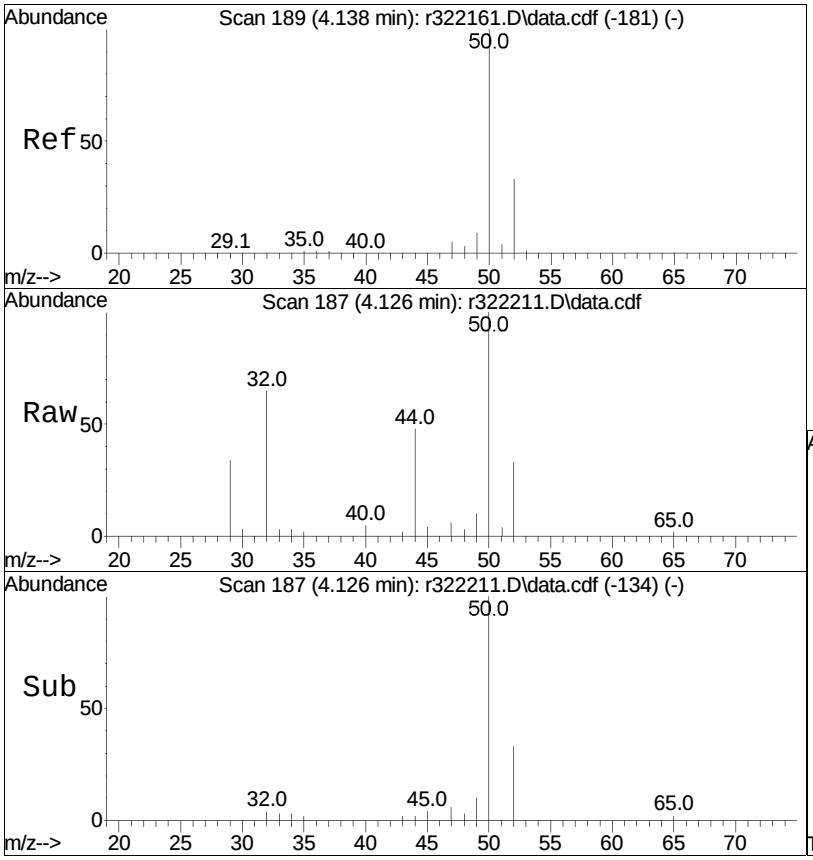


#5
dichlorodifluoromethane
Concen: 0.61 ppbV
RT: 3.946 min Scan# 157
Delta R.T. -0.006 min
Lab File: r322211.D
Acq: 19 May 2022 3:06 AM

Tgt Ion: 85 Resp: 20312

Ion	Ratio	Lower	Upper
85	100		
87	32.2	25.8	38.6

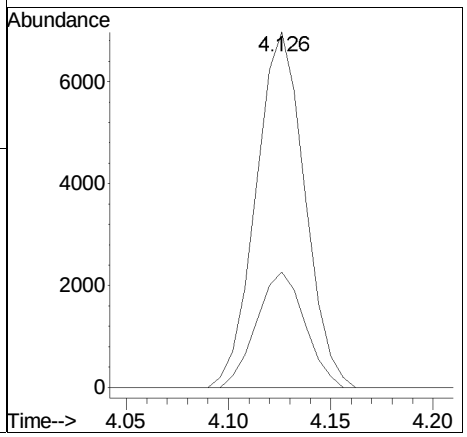


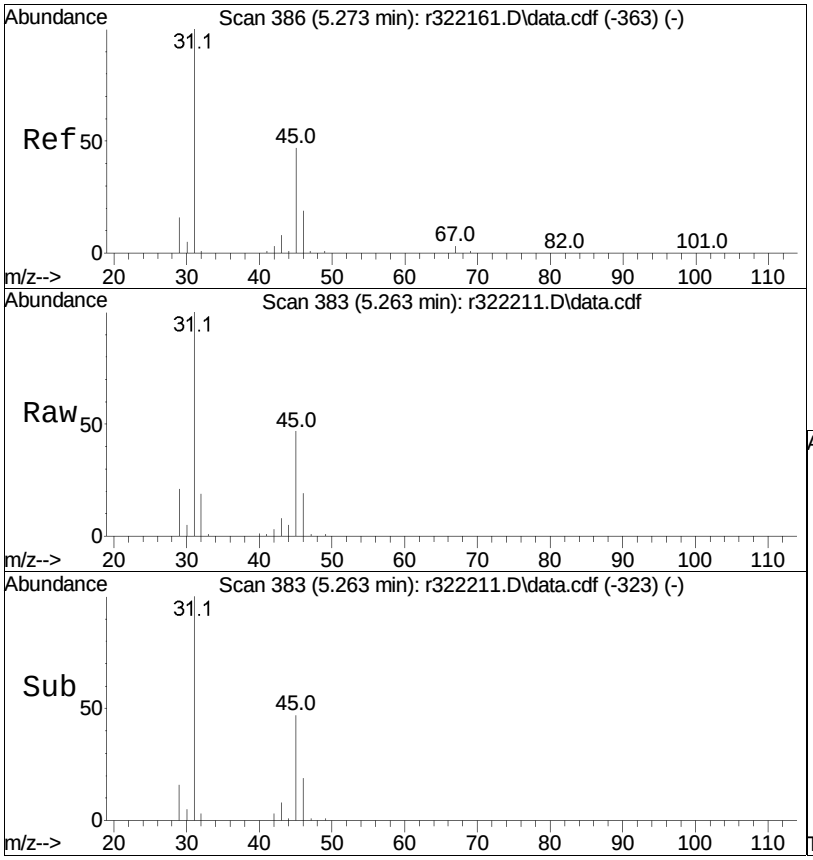


#6
chloromethane
Concen: 0.71 ppbV
RT: 4.126 min Scan# 187
Delta R.T. -0.012 min
Lab File: r322211.D
Acq: 19 May 2022 3:06 AM

Tgt Ion: 50 Resp: 11525

Ion	Ratio	Lower	Upper
50	100		
52	32.5	26.3	39.5

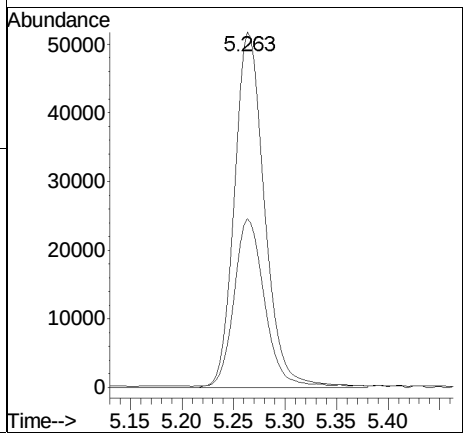


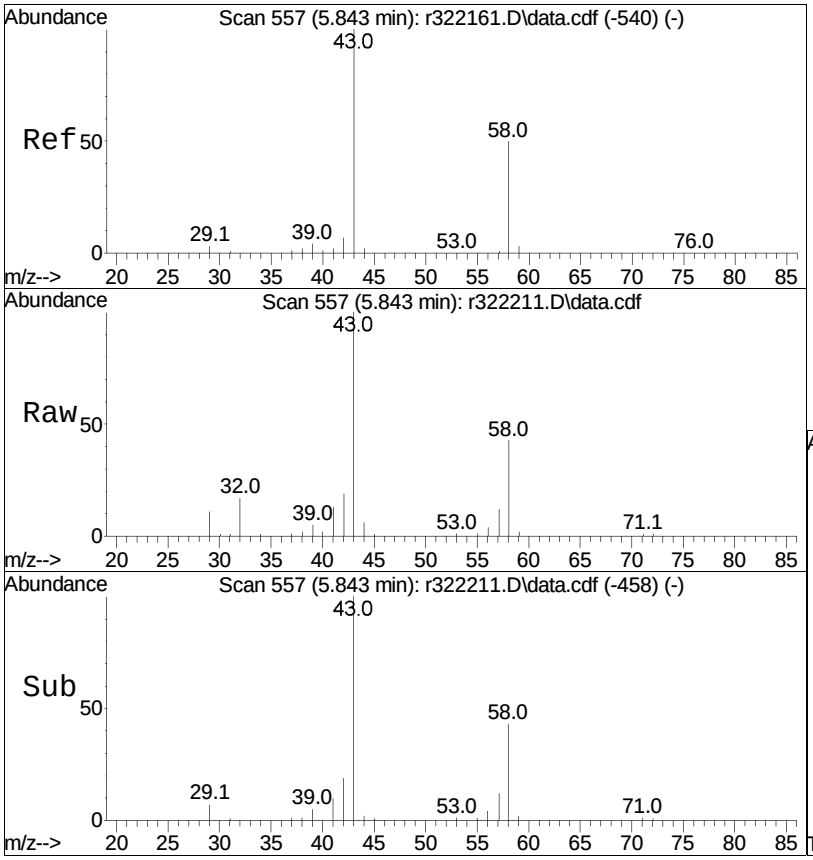


#15
ethanol
Concen: 6.44 ppbV
RT: 5.263 min Scan# 383
Delta R.T. -0.010 min
Lab File: r322211.D
Acq: 19 May 2022 3:06 AM

Tgt Ion: 31 Resp: 105508

Ion	Ratio	Lower	Upper
31	100		
45	47.5	37.6	56.4

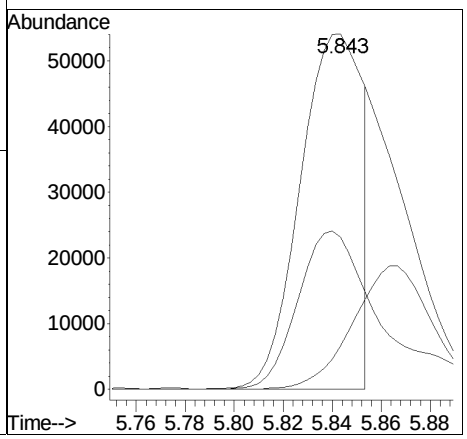


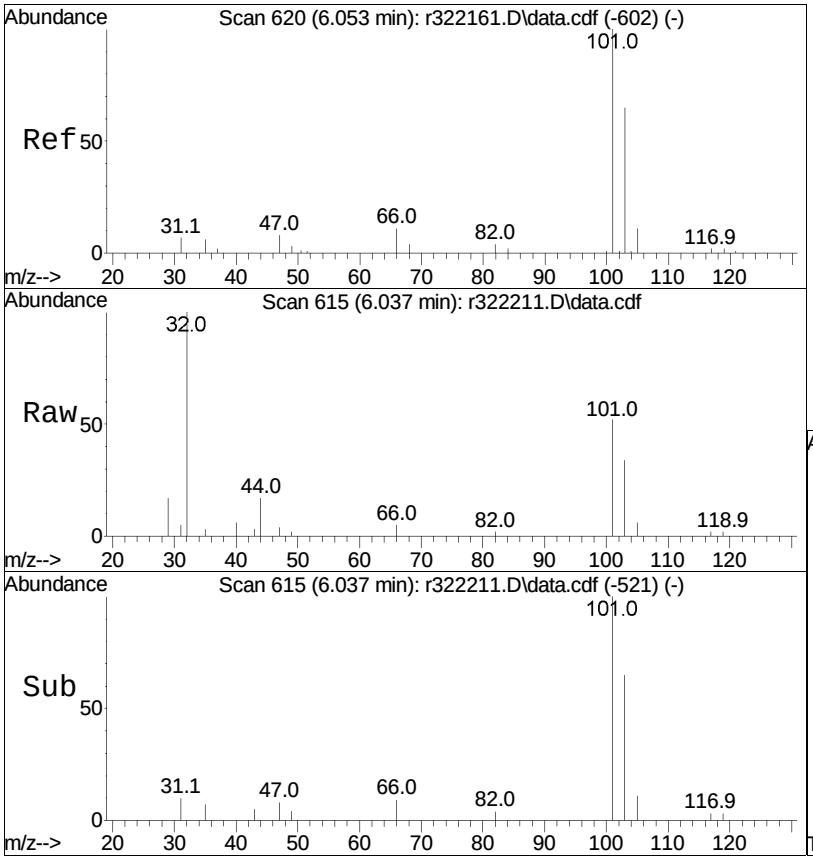


#19
acetone
Concen: 4.09 ppbV m
RT: 5.843 min Scan# 557
Delta R.T. 0.000 min
Lab File: r322211.D
Acq: 19 May 2022 3:06 AM

Tgt Ion: 43 Resp: 95448

Ion	Ratio	Lower	Upper
43	100		
58	42.8	39.8	59.8
57	12.2	1.0	1.6#

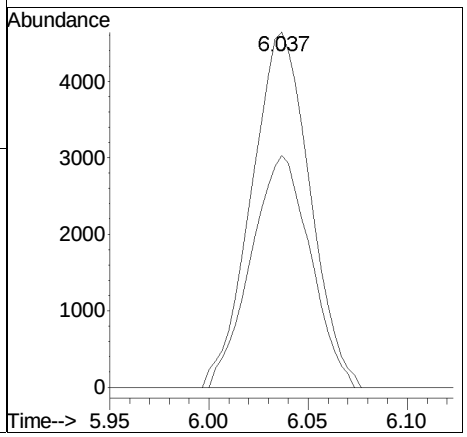


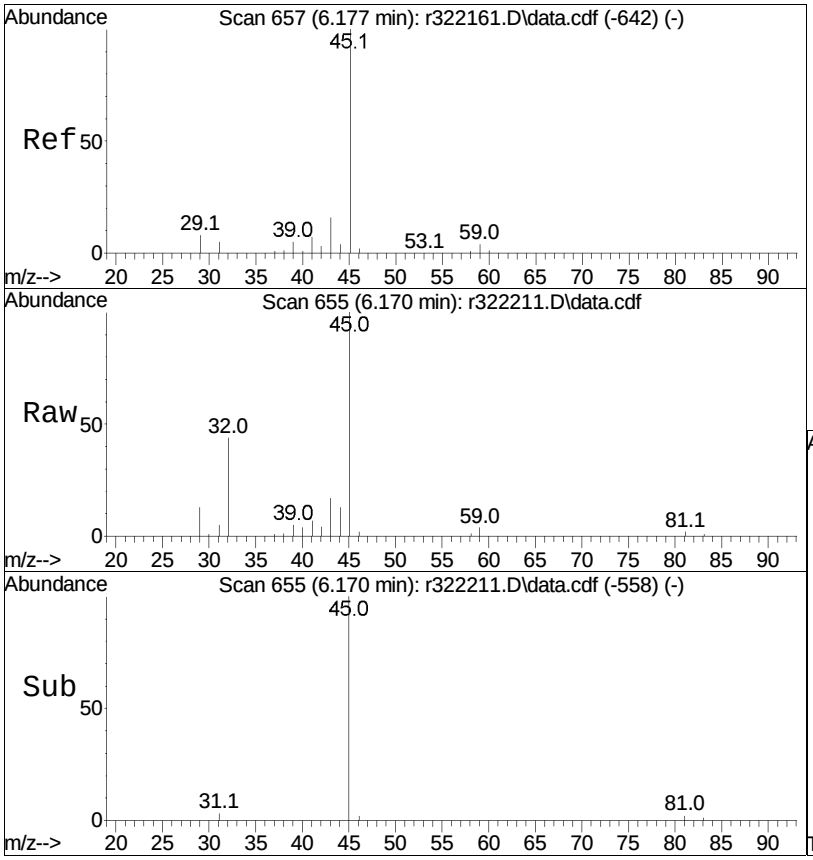


#21
trichlorofluoromethane
Concen: 0.31 ppbV
RT: 6.037 min Scan# 615
Delta R.T. -0.017 min
Lab File: r322211.D
Acq: 19 May 2022 3:06 AM

Tgt Ion:101 Resp: 9528

Ion	Ratio	Lower	Upper
101	100		
103	65.3	51.8	77.6

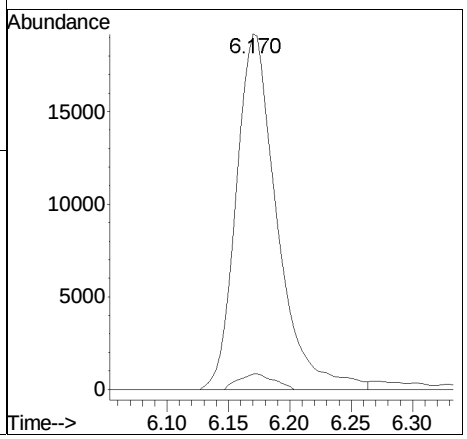


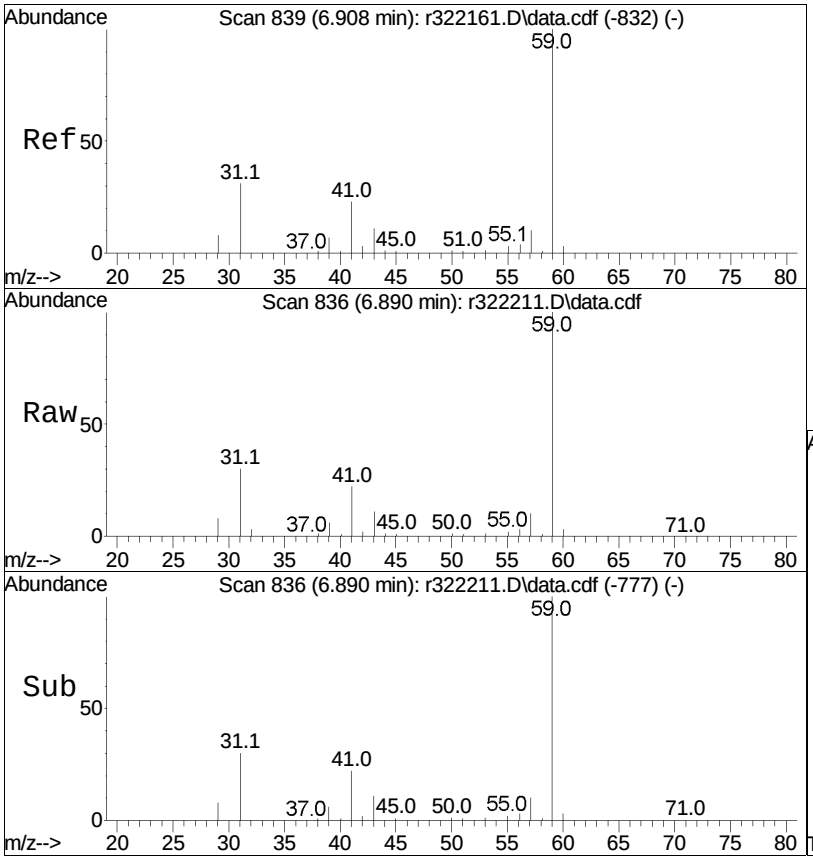


#22
isopropyl alcohol
Concen: 1.58 ppbV
RT: 6.170 min Scan# 655
Delta R.T. -0.007 min
Lab File: r322211.D
Acq: 19 May 2022 3:06 AM

Tgt Ion: 45 Resp: 44428

Ion	Ratio	Lower	Upper
45	100		
59	4.3	3.5	5.3

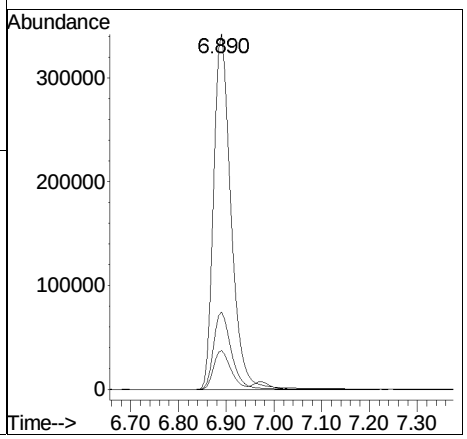


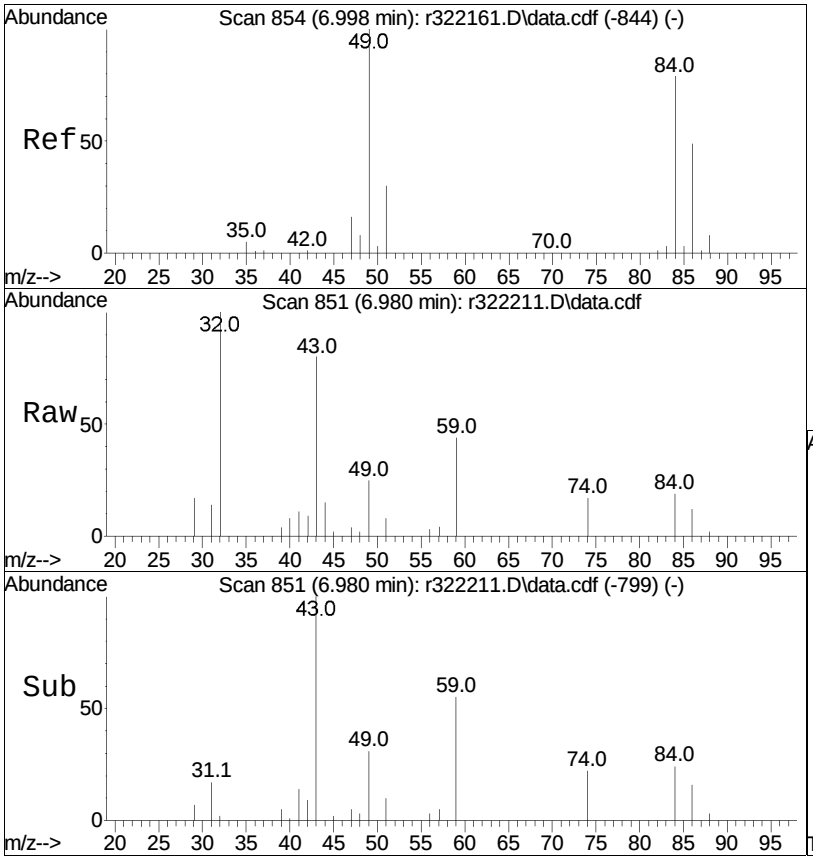


#27
tertiary butyl alcohol
Concen: 24.88 ppbV
RT: 6.890 min Scan# 836
Delta R.T. -0.018 min
Lab File: r322211.D
Acq: 19 May 2022 3:06 AM

Tgt Ion: 59 Resp: 870272

Ion	Ratio	Lower	Upper
59	100		
41	21.8	18.2	27.2
43	10.9	8.9	13.3

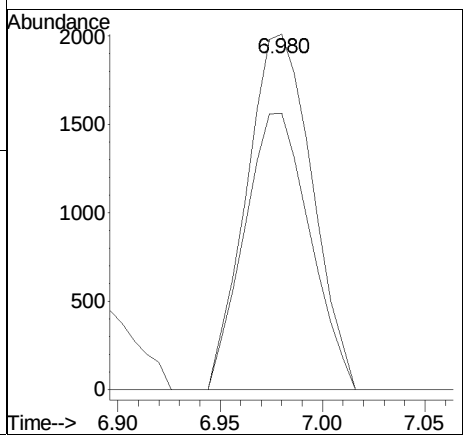


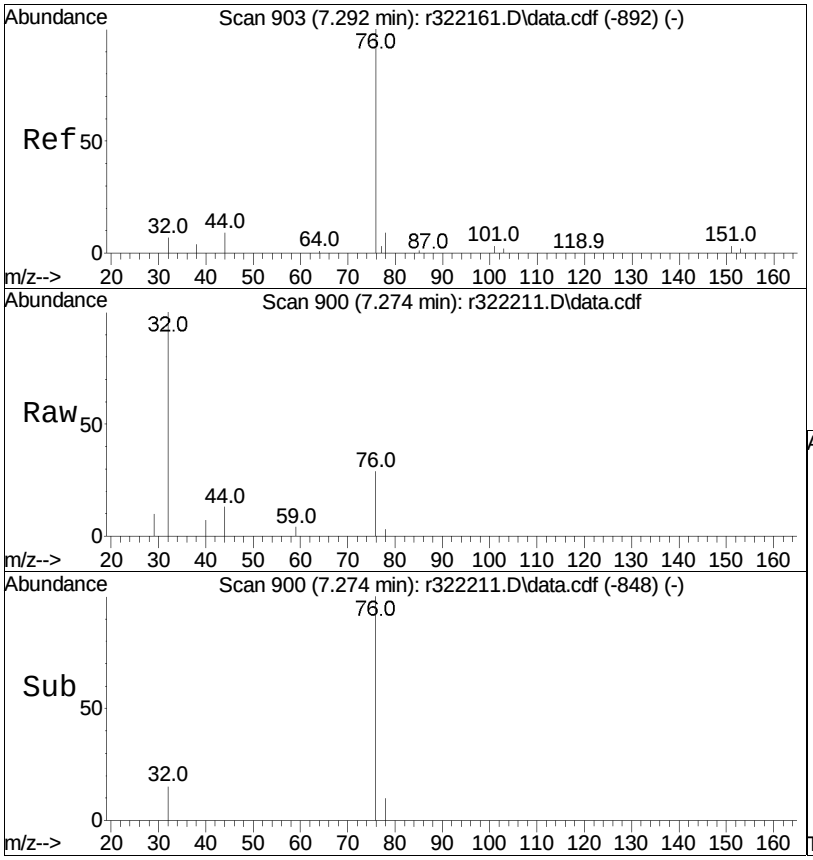


#28
methylene chloride
Concen: 0.17 ppbV
RT: 6.980 min Scan# 851
Delta R.T. -0.018 min
Lab File: r322211.D
Acq: 19 May 2022 3:06 AM

Tgt Ion: 49 Resp: 4481

Ion	Ratio	Lower	Upper
49	100		
84	77.7	63.0	94.6

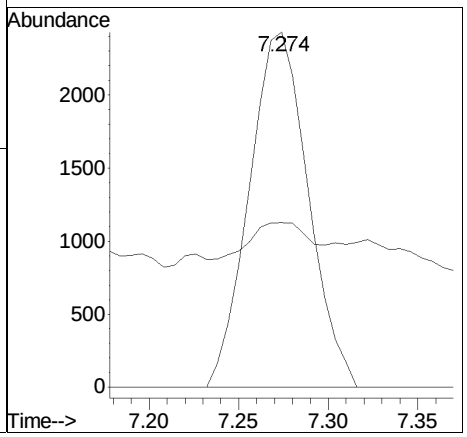


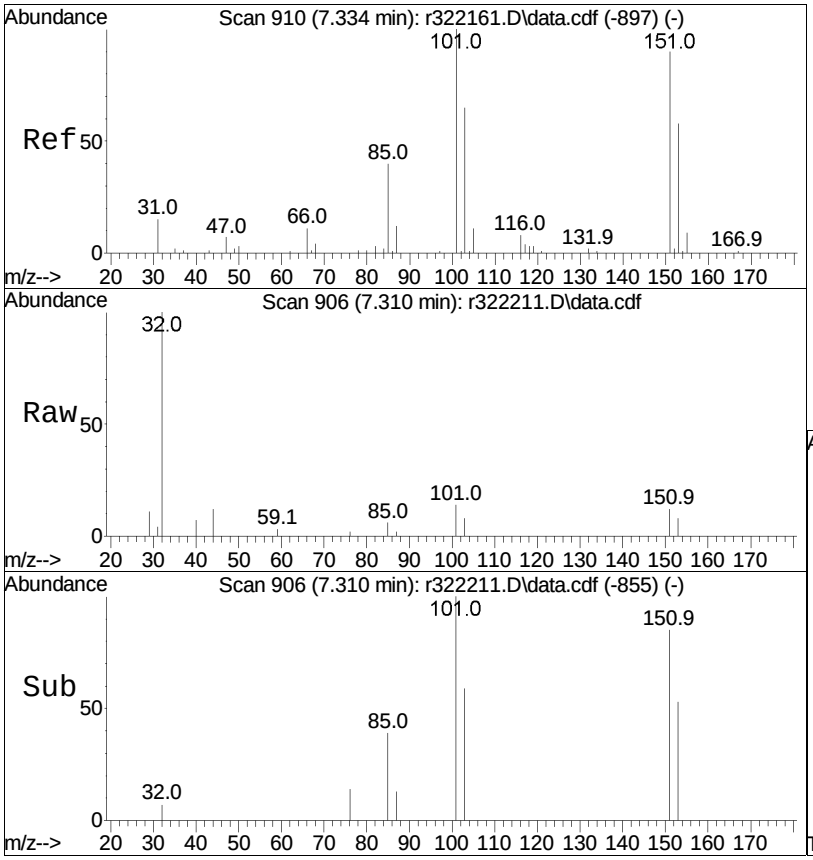


#30
carbon disulfide
Concen: 0.09 ppbV
RT: 7.274 min Scan# 900
Delta R.T. -0.018 min
Lab File: r322211.D
Acq: 19 May 2022 3:06 AM

Tgt Ion: 76 Resp: 5561

Ion	Ratio	Lower	Upper
76	100		
44	46.4	7.6	11.4#

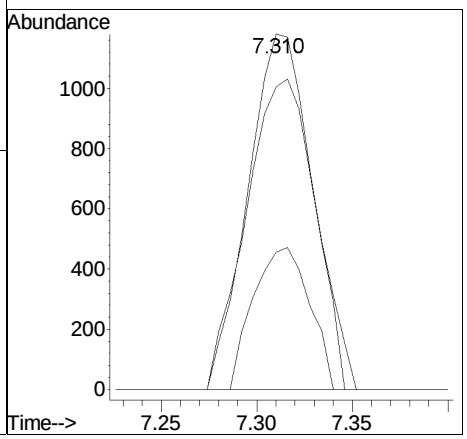


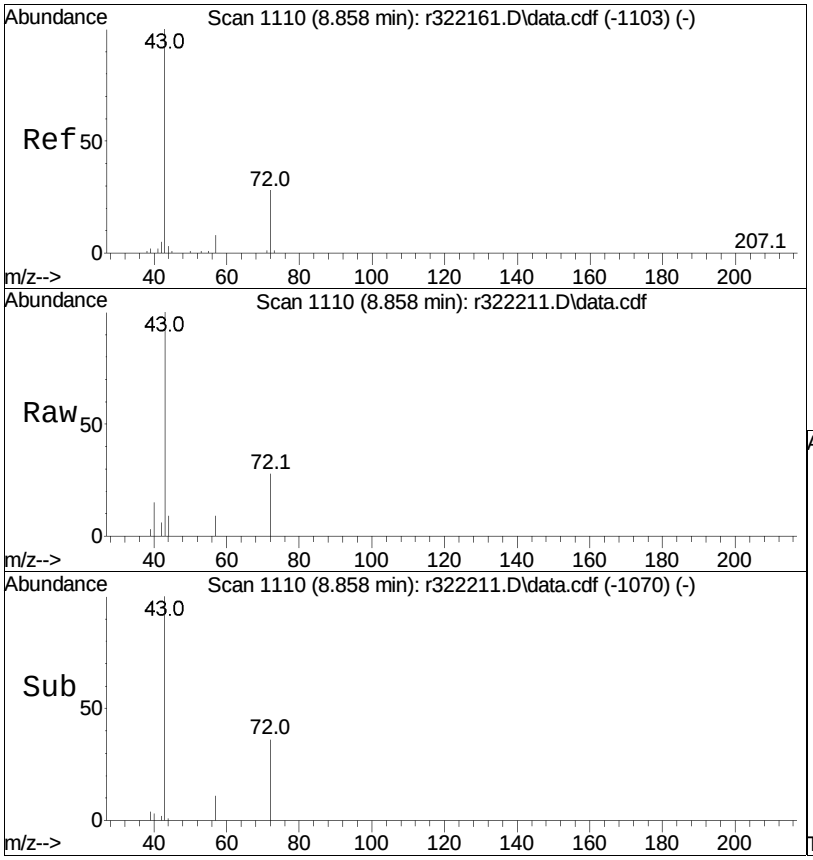


#31
Freon 113
Concen: 0.08 ppbV
RT: 7.310 min Scan# 906
Delta R.T. -0.024 min
Lab File: r322211.D
Acq: 19 May 2022 3:06 AM

Tgt Ion:101 Resp: 2804

Ion	Ratio	Lower	Upper
101	100		
85	38.6	31.8	47.8
151	85.1	72.2	108.4

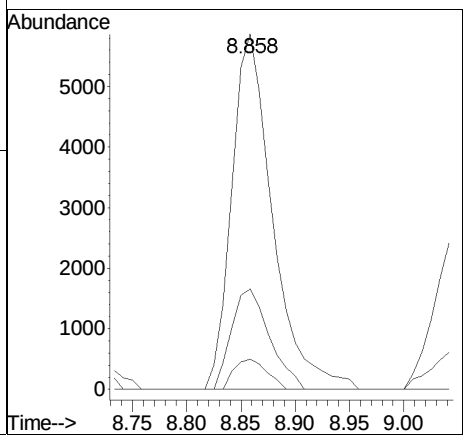


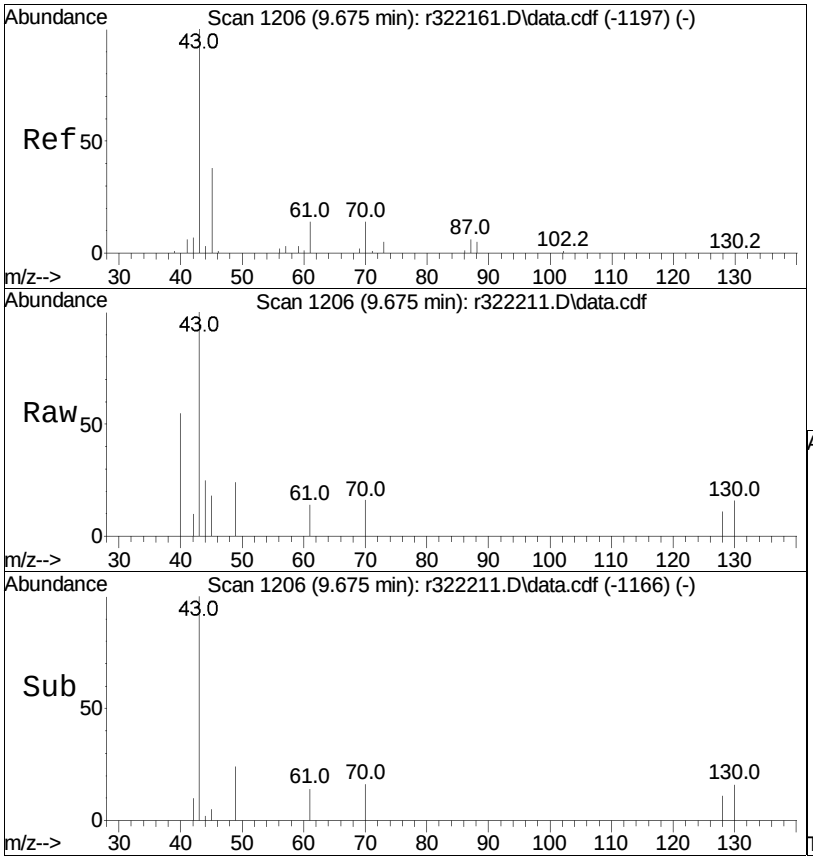


#36
2-butanone
Concen: 0.36 ppbV
RT: 8.858 min Scan# 1110
Delta R.T. 0.000 min
Lab File: r322211.D
Acq: 19 May 2022 3:06 AM

Tgt Ion: 43 Resp: 15379

Ion	Ratio	Lower	Upper
43	100		
72	28.3	22.6	33.8
57	8.5	6.6	10.0

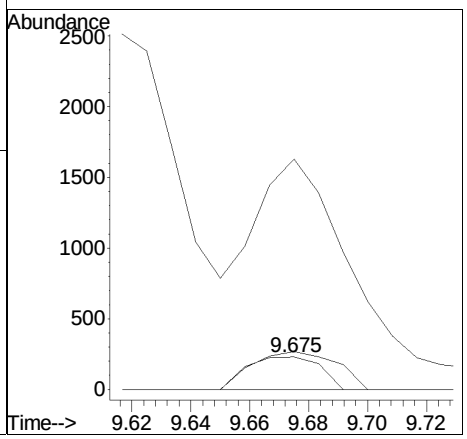


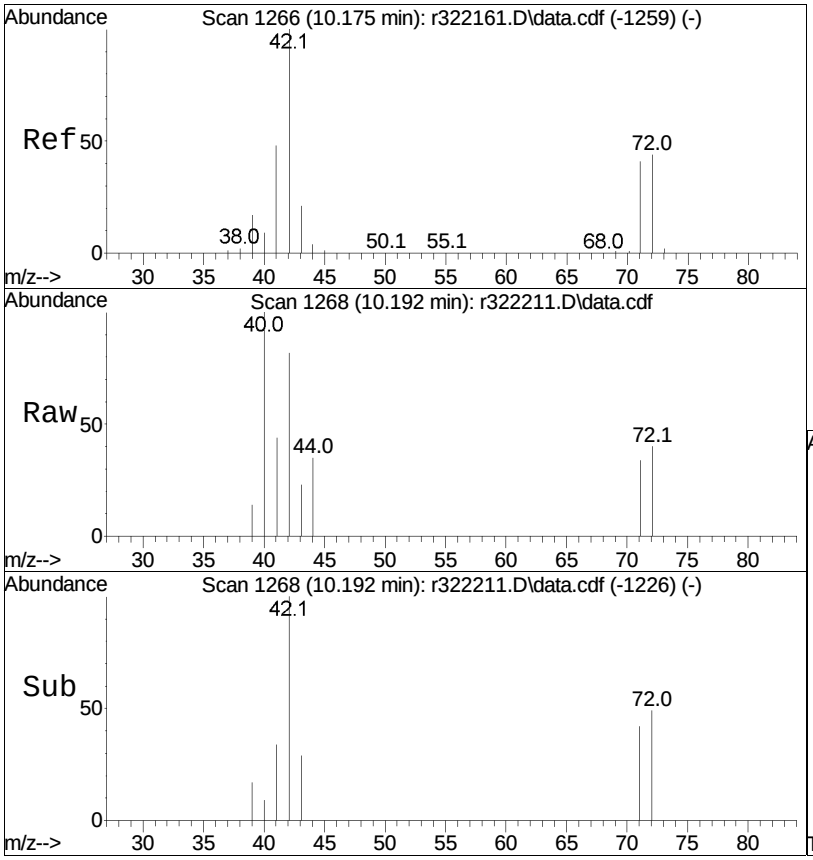


#38
Ethyl Acetate
Concen: 0.06 ppbV
RT: 9.675 min Scan# 1206
Delta R.T. 0.000 min
Lab File: r322211.D
Acq: 19 May 2022 3:06 AM

Tgt Ion: 61 Resp: 400

Ion	Ratio	Lower	Upper
61	100		
70	116.5	78.8	118.2
43	708.7	593.4	890.0

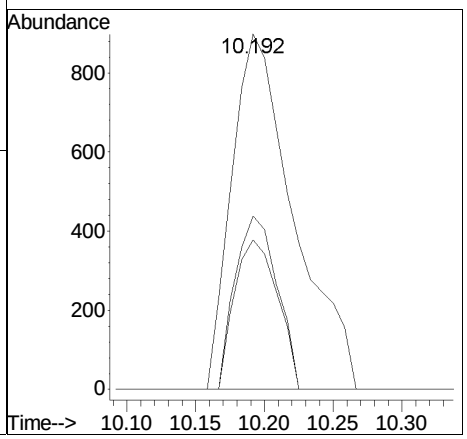


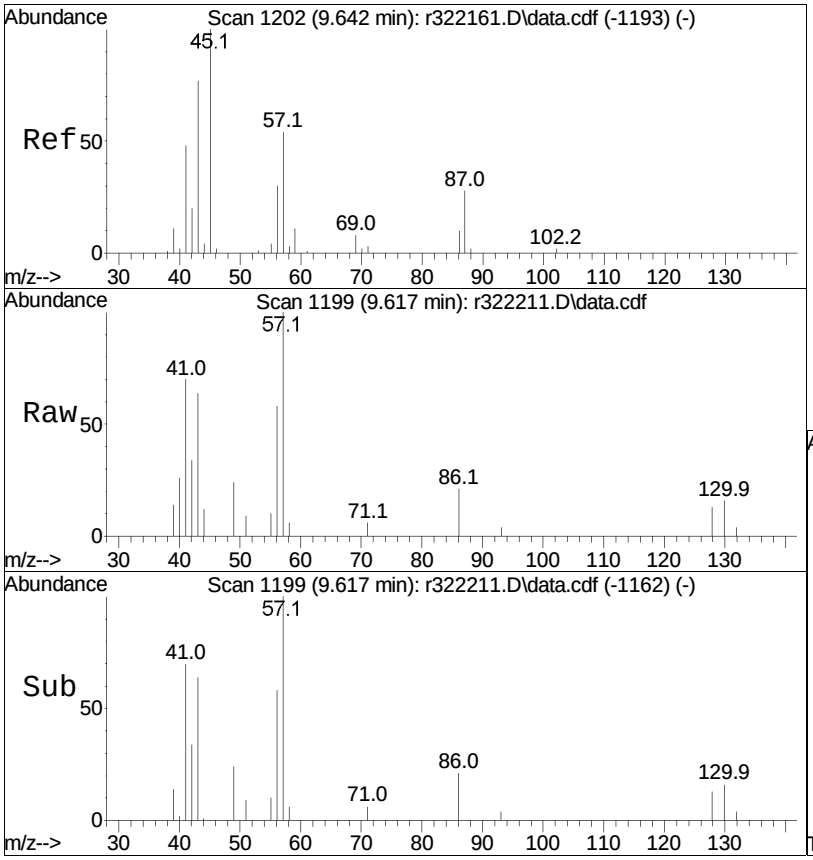


#40
Tetrahydrofuran
Concen: 0.12 ppbV
RT: 10.192 min Scan# 1268
Delta R.T. 0.017 min
Lab File: r322211.D
Acq: 19 May 2022 3:06 AM

Tgt Ion: 42 Resp: 2829

Ion	Ratio	Lower	Upper
42	100		
71	42.1	32.4	48.6
72	48.8	35.2	52.8

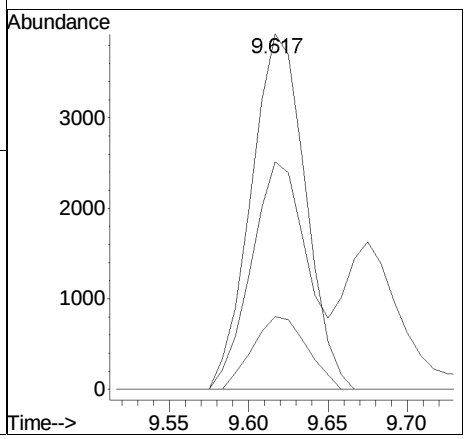


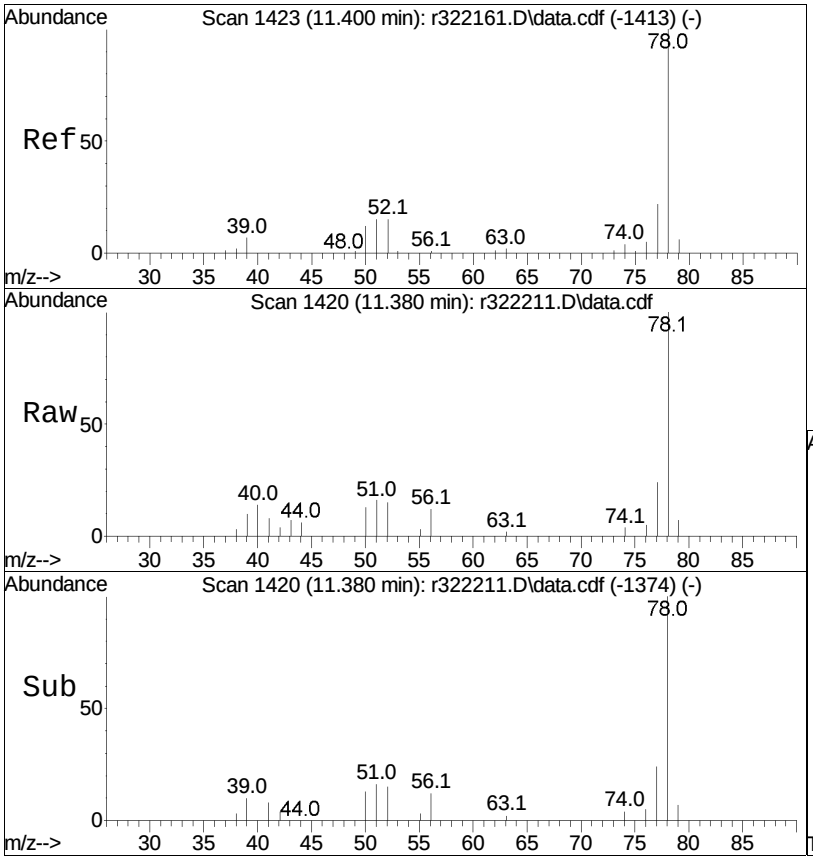


#44
hexane
Concen: 0.26 ppbV
RT: 9.617 min Scan# 1199
Delta R.T. -0.025 min
Lab File: r322211.D
Acq: 19 May 2022 3:06 AM

Tgt Ion: 57 Resp: 9341

Ion	Ratio	Lower	Upper
57	100		
43	64.0	115.0	172.6#
86	20.5	15.5	23.3

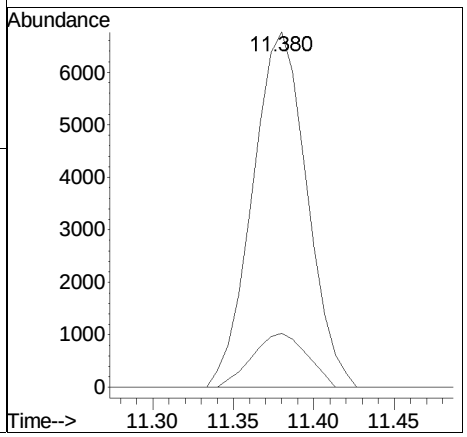


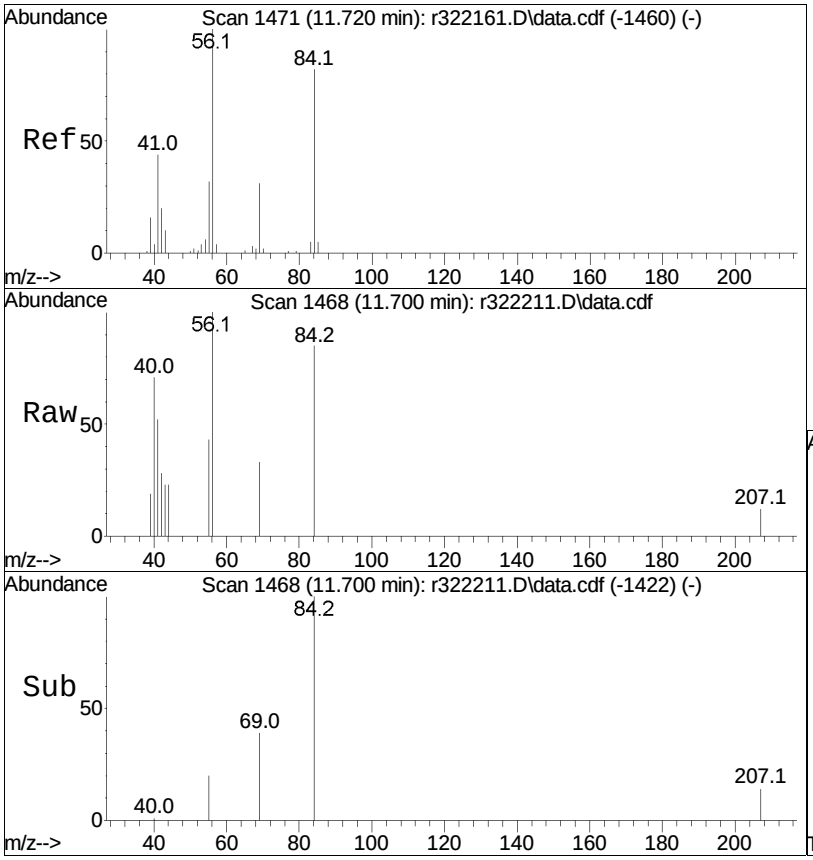


#50
benzene
Concen: 0.21 ppbV
RT: 11.380 min Scan# 1420
Delta R.T. -0.020 min
Lab File: r322211.D
Acq: 19 May 2022 3:06 AM

Tgt Ion: 78 Resp: 15890

Ion	Ratio	Lower	Upper
78	100		
52	15.2	12.2	18.2

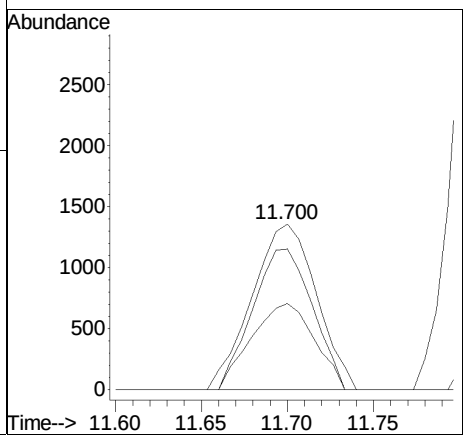


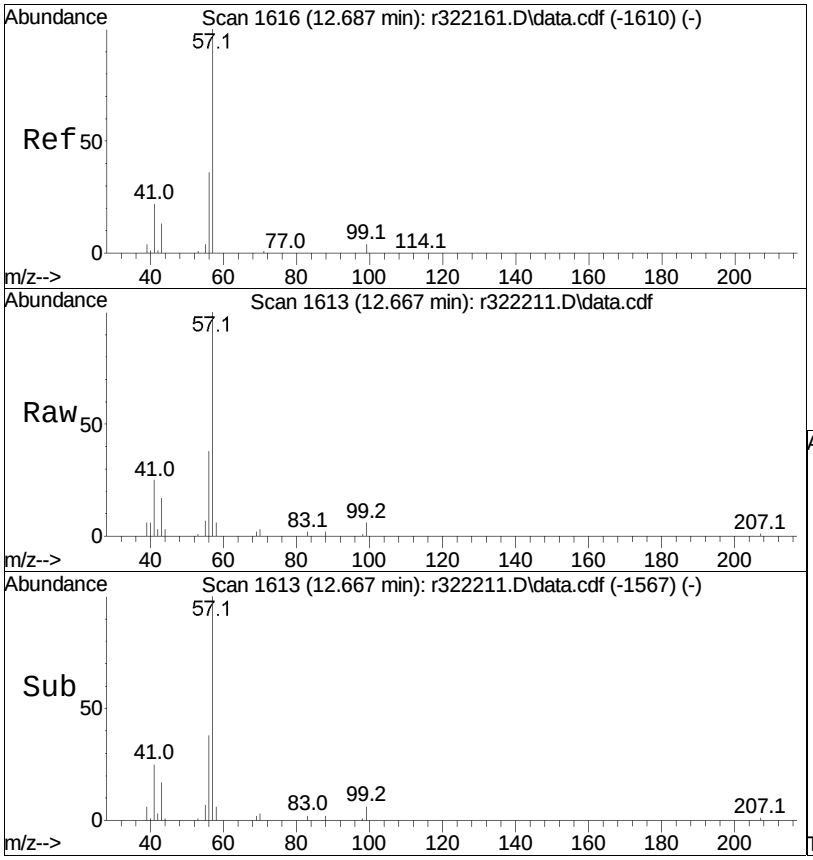


#53
cyclohexane
Concen: 0.09 ppbV
RT: 11.700 min Scan# 1468
Delta R.T. -0.020 min
Lab File: r322211.D
Acq: 19 May 2022 3:06 AM

Tgt Ion: 56 Resp: 3528

Ion	Ratio	Lower	Upper
56	100		
84	85.0	65.4	98.0
41	52.0	35.4	53.2

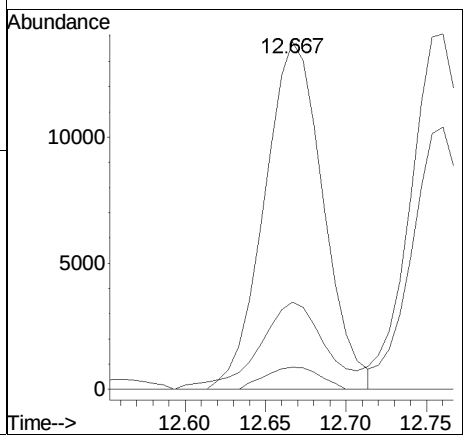


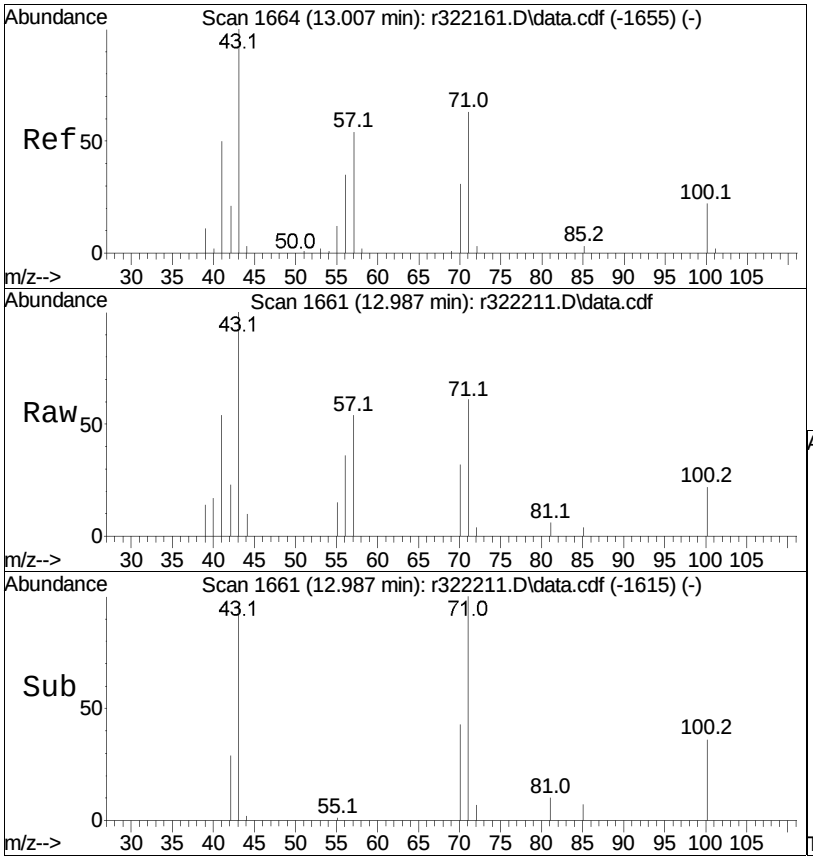


#60
2,2,4-trimethylpentane
Concen: 0.31 ppbV
RT: 12.667 min Scan# 1613
Delta R.T. -0.020 min
Lab File: r322211.D
Acq: 19 May 2022 3:06 AM

Tgt Ion: 57 Resp: 34920

Ion	Ratio	Lower	Upper
57	100		
99	6.4	5.0	7.4
41	25.1	17.4	26.2

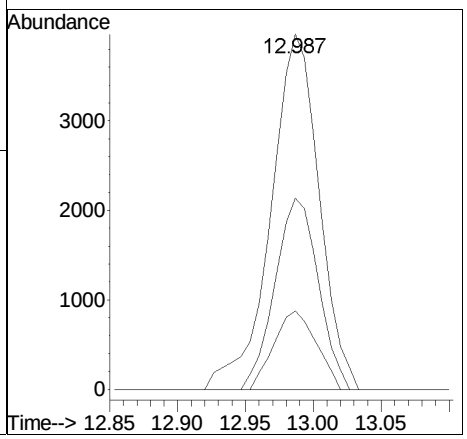


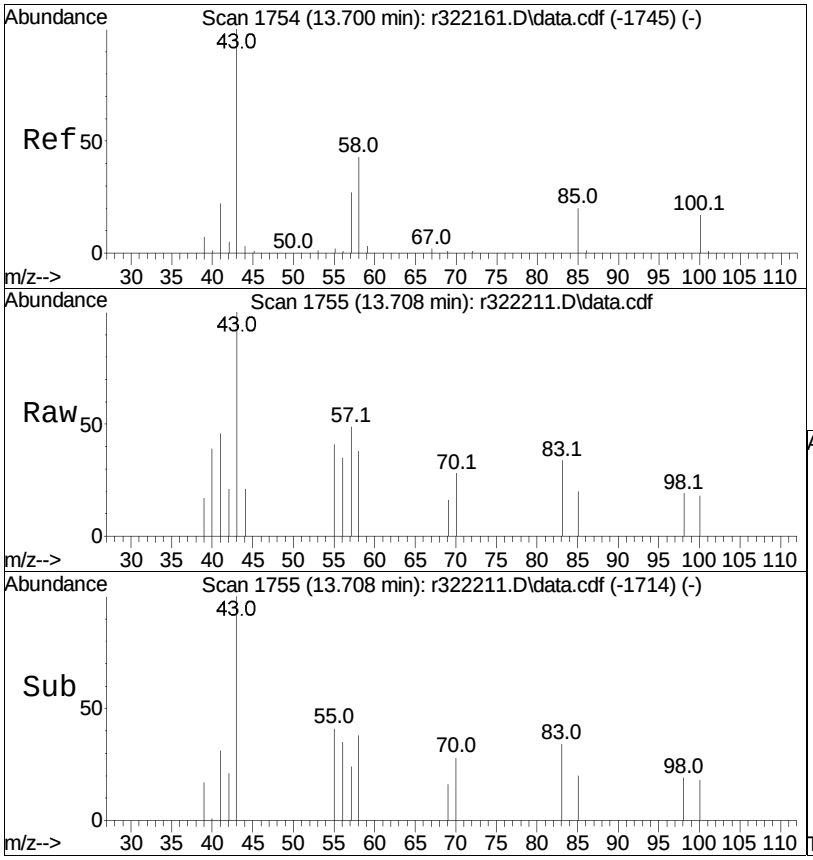


#62
heptane
Concen: 0.23 ppbV
RT: 12.987 min Scan# 1661
Delta R.T. -0.020 min
Lab File: r322211.D
Acq: 19 May 2022 3:06 AM

Tgt Ion: 43 Resp: 9831

Ion	Ratio	Lower	Upper
43	100		
57	53.8	43.0	64.4
100	22.1	17.6	26.4

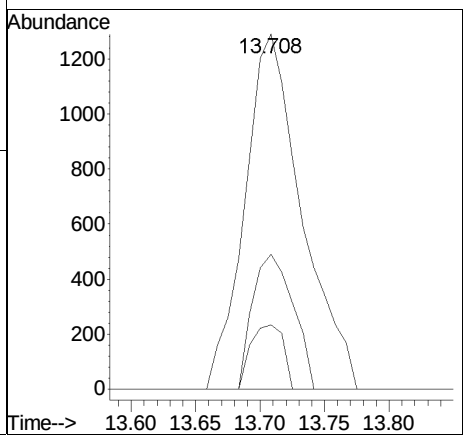


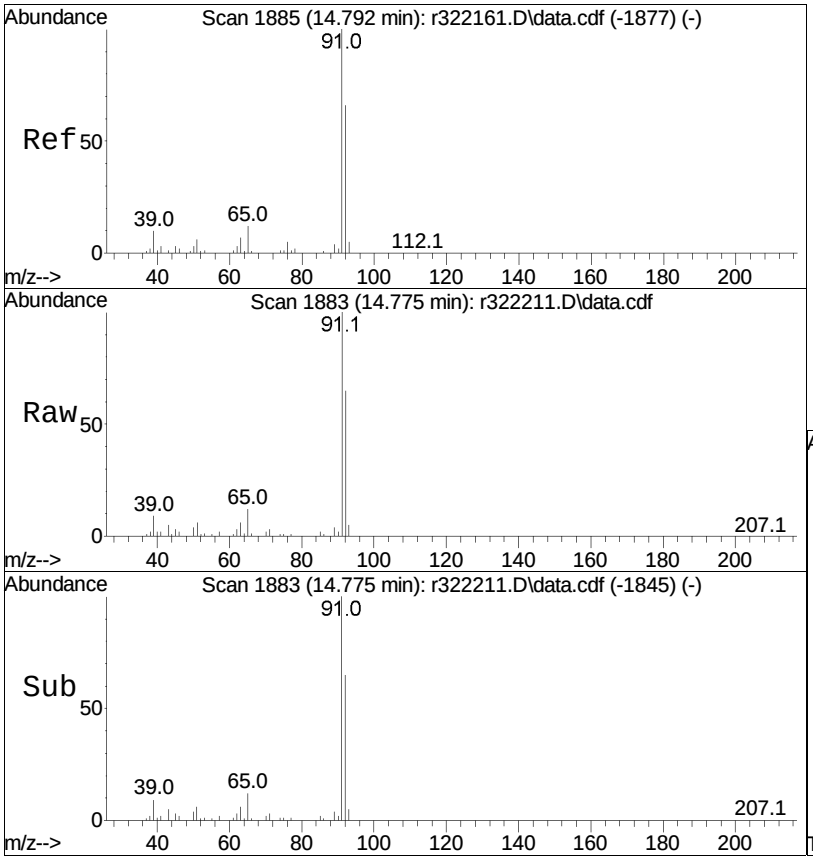


#64
4-methyl-2-pentanone
Concen: 0.08 ppbV
RT: 13.708 min Scan# 1755
Delta R.T. 0.008 min
Lab File: r322211.D
Acq: 19 May 2022 3:06 AM

Tgt Ion: 43 Resp: 3976

Ion	Ratio	Lower	Upper
43	100		
58	38.0	34.3	51.5
100	18.1	13.8	20.6

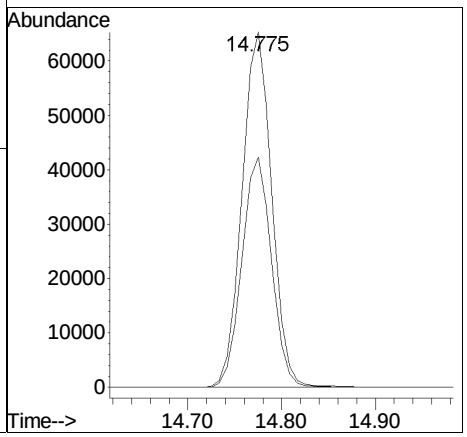


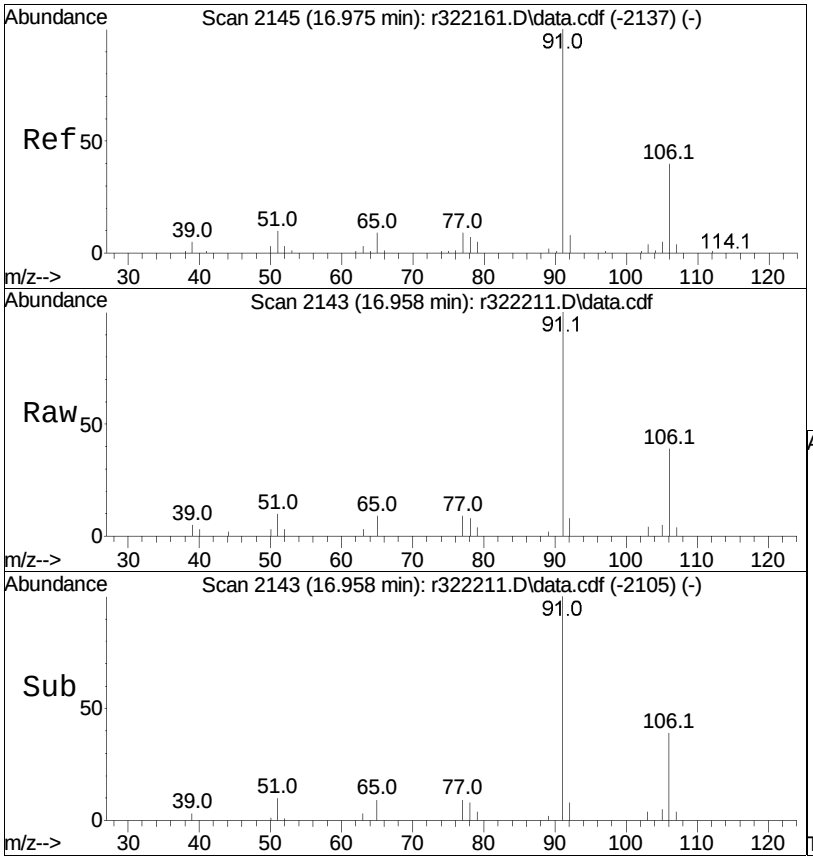


#68
toluene
Concen: 1.90 ppbV
RT: 14.775 min Scan# 1883
Delta R.T. -0.017 min
Lab File: r322211.D
Acq: 19 May 2022 3:06 AM

Tgt Ion: 91 Resp: 143629

Ion	Ratio	Lower	Upper
91	100		
92	64.9	52.7	79.1

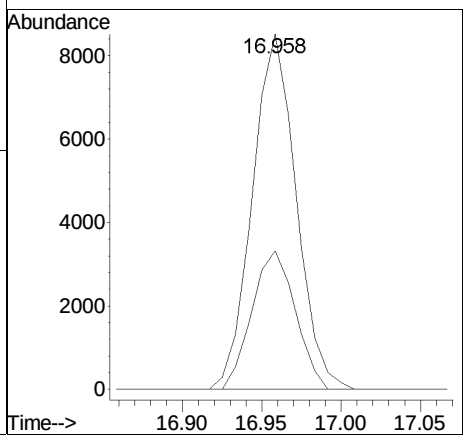


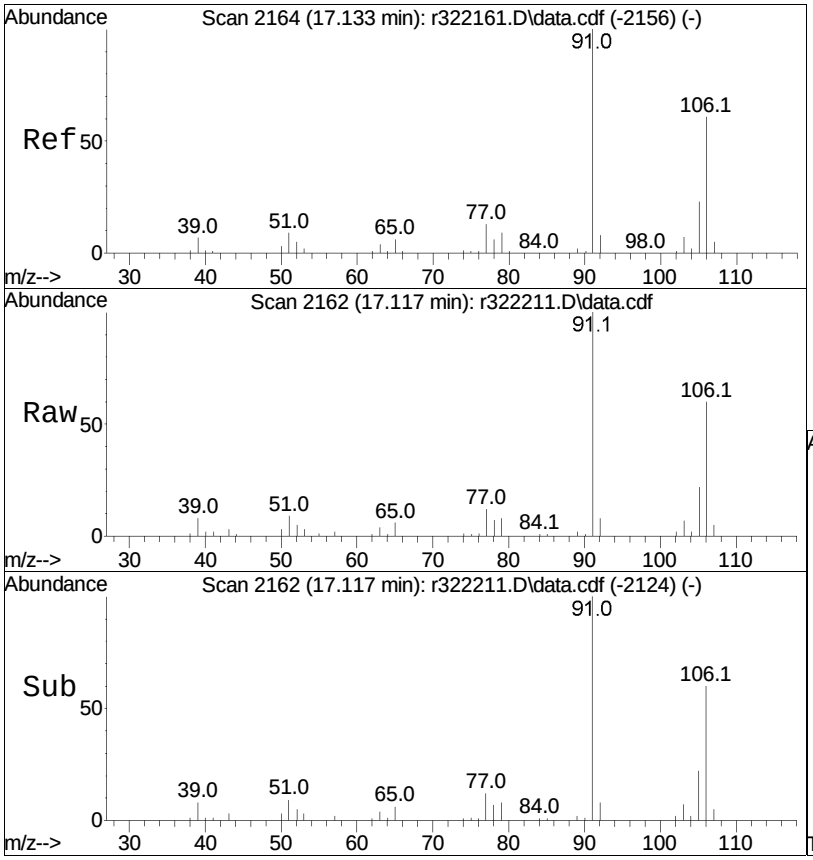


#81
ethylbenzene
Concen: 0.18 ppbV
RT: 16.958 min Scan# 2143
Delta R.T. -0.017 min
Lab File: r322211.D
Acq: 19 May 2022 3:06 AM

Tgt Ion: 91 Resp: 16350

Ion	Ratio	Lower	Upper
91	100		
106	39.0	32.4	48.6

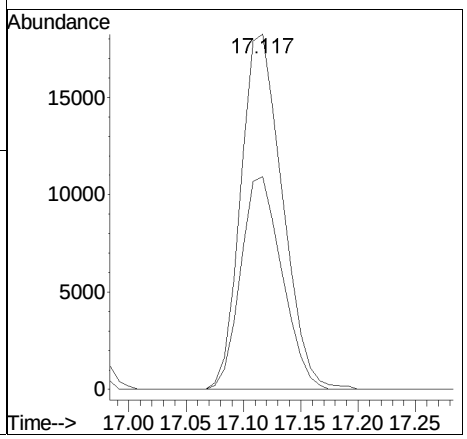


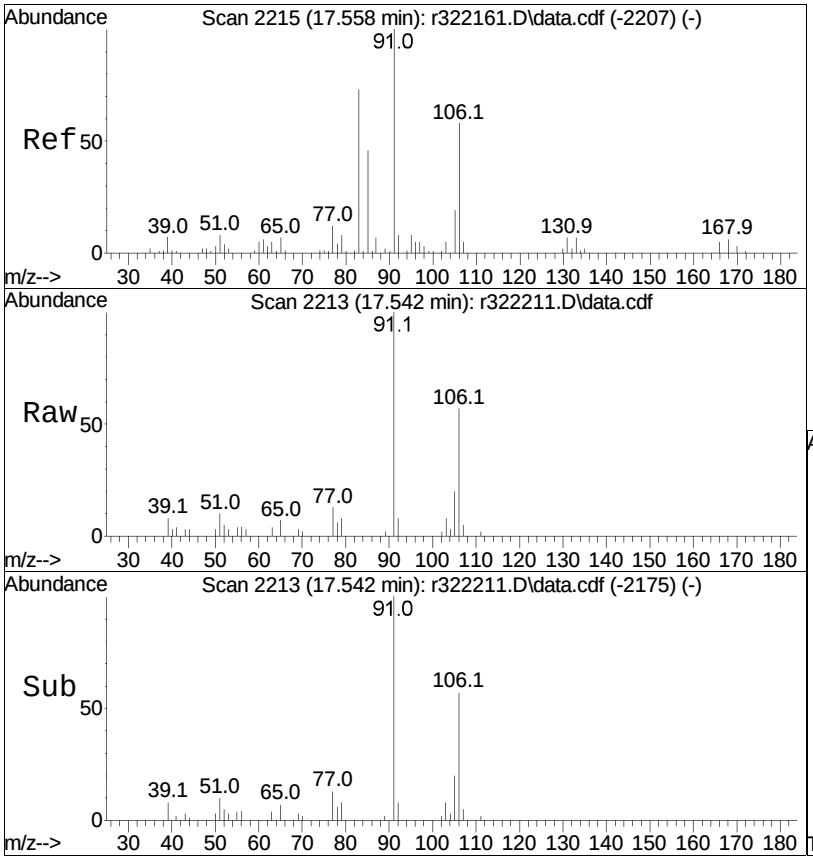


#83
m+p-xylene
Concen: 0.62 ppbV
RT: 17.117 min Scan# 2162
Delta R.T. -0.017 min
Lab File: r322211.D
Acq: 19 May 2022 3:06 AM

Tgt Ion: 91 Resp: 46091

Ion	Ratio	Lower	Upper
91	100		
106	59.9	48.4	72.6

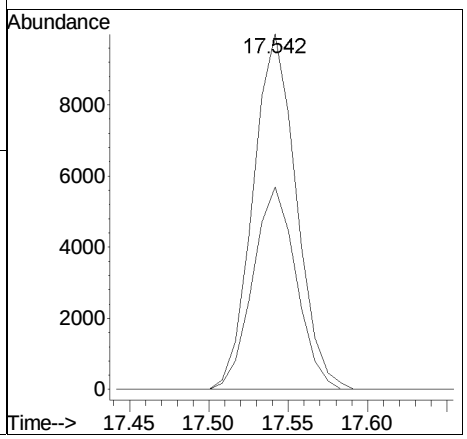


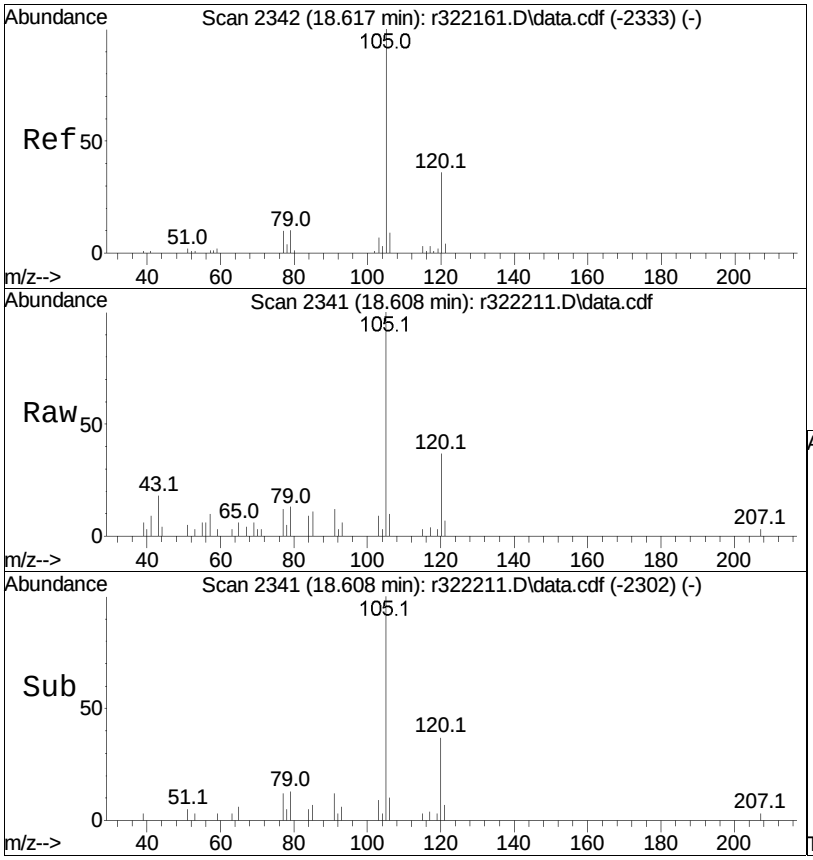


#87
o-xylene
Concen: 0.26 ppbV
RT: 17.542 min Scan# 2213
Delta R.T. -0.017 min
Lab File: r322211.D
Acq: 19 May 2022 3:06 AM

Tgt Ion: 91 Resp: 18979

Ion	Ratio	Lower	Upper
91	100		
106	57.0	46.4	69.6

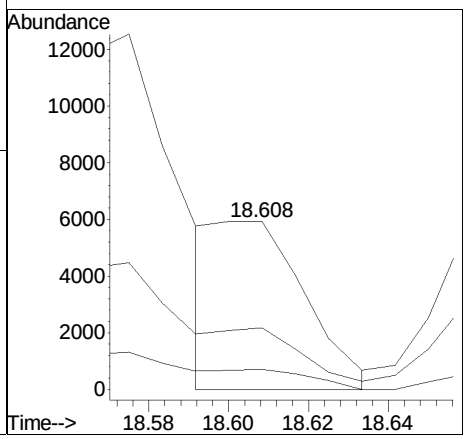


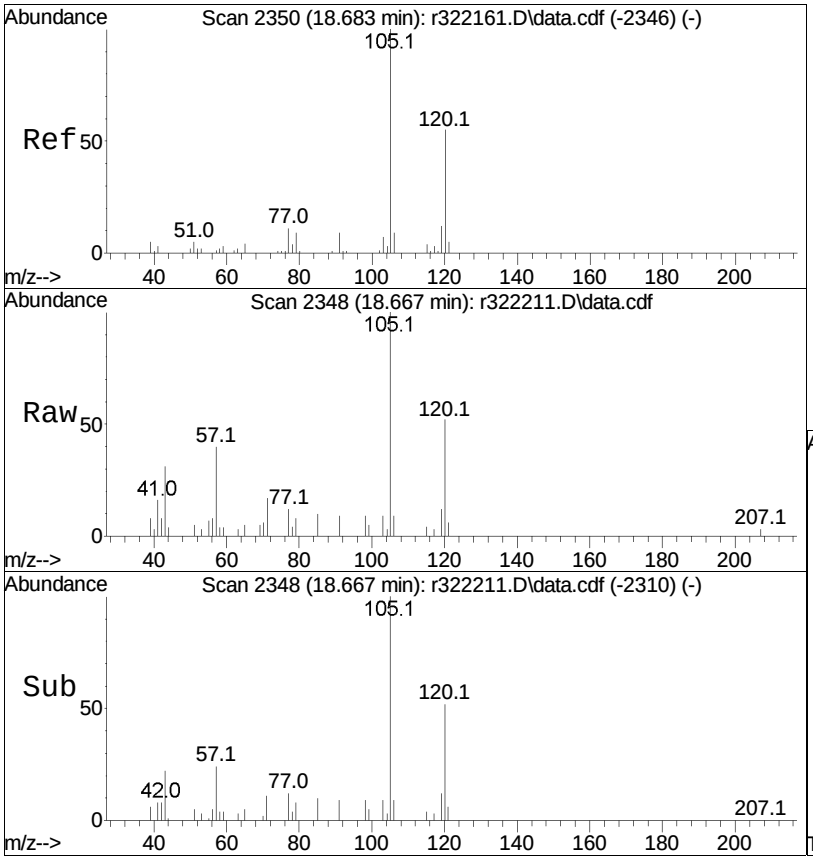


#96
4-ethyl toluene
Concen: 0.08 ppbV m
RT: 18.608 min Scan# 2341
Delta R.T. -0.008 min
Lab File: r322211.D
Acq: 19 May 2022 3:06 AM

Tgt Ion:105 Resp: 9182

Ion	Ratio	Lower	Upper
105	100		
120	36.6	28.6	42.8
91	11.9	7.4	11.2#

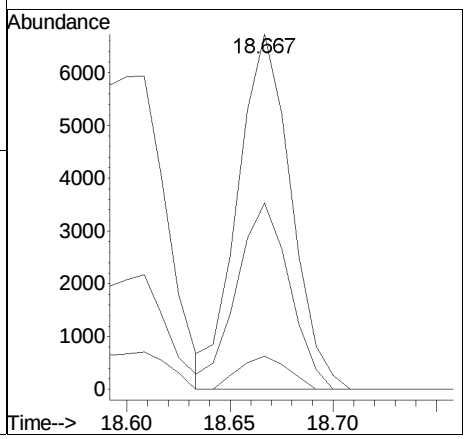


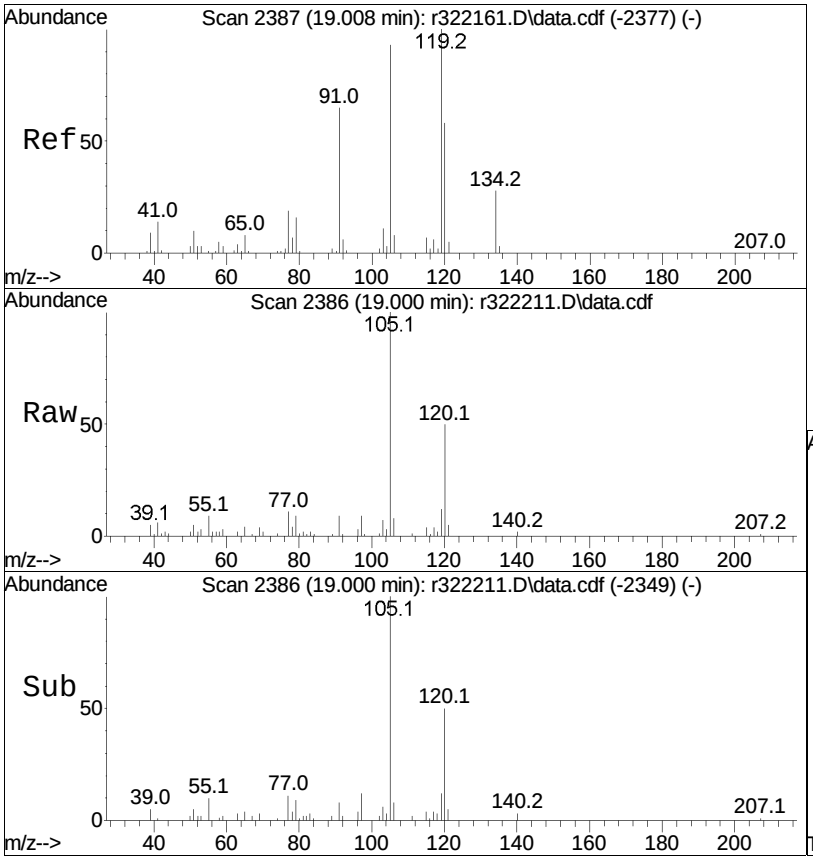


#97
1,3,5-trimethylbenzene
Concen: 0.12 ppbV
RT: 18.667 min Scan# 2348
Delta R.T. -0.017 min
Lab File: r322211.D
Acq: 19 May 2022 3:06 AM

Tgt Ion:105 Resp: 12110

Ion	Ratio	Lower	Upper
105	100		
120	52.4	43.7	65.5
91	9.4	7.0	10.4

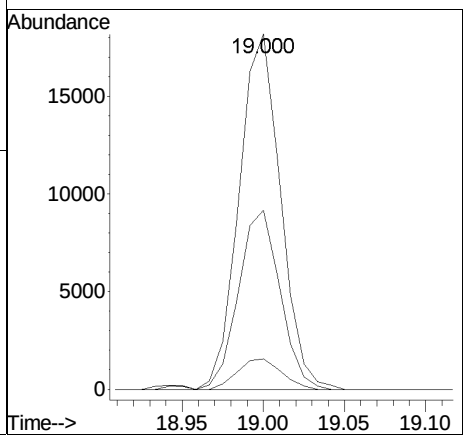




#99
1,2,4-trimethylbenzene
Concen: 0.36 ppbV m
RT: 19.000 min Scan# 2386
Delta R.T. -0.008 min
Lab File: r322211.D
Acq: 19 May 2022 3:06 AM

Tgt Ion:105 Resp: 32277

Ion	Ratio	Lower	Upper
105	100		
120	50.4	49.4	74.2
91	8.6	55.8	83.8#

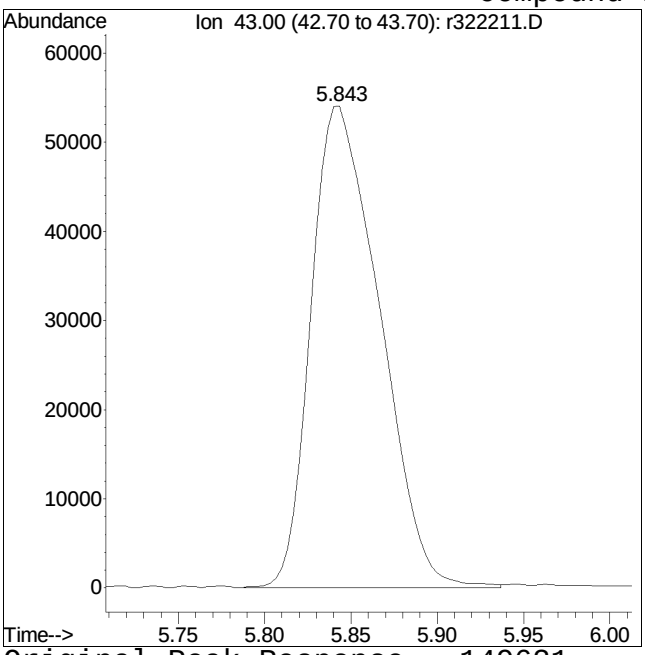


Manual Integration Report

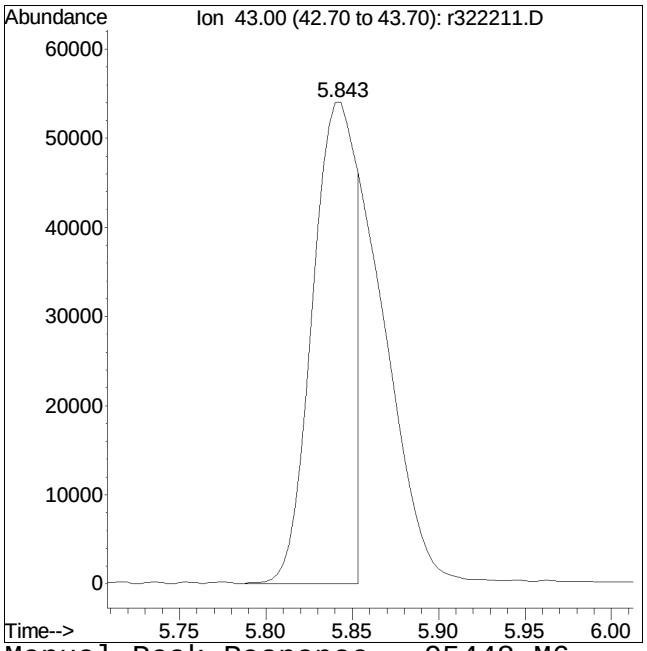
Data Path : O:\Forensics\Data\AirpianoQ
Data File : r322211.D
Date Inj'd : 5/19/2020 0:3: 6
Sample : L2225590-06,3,250,250

Method : TFS3_220516.M
Operator : AIRPIANO3:TS
Instrument :
Quant Date : 5/19/2022 8:52 am

Compound #19: acetone



Original Peak Response = 149621



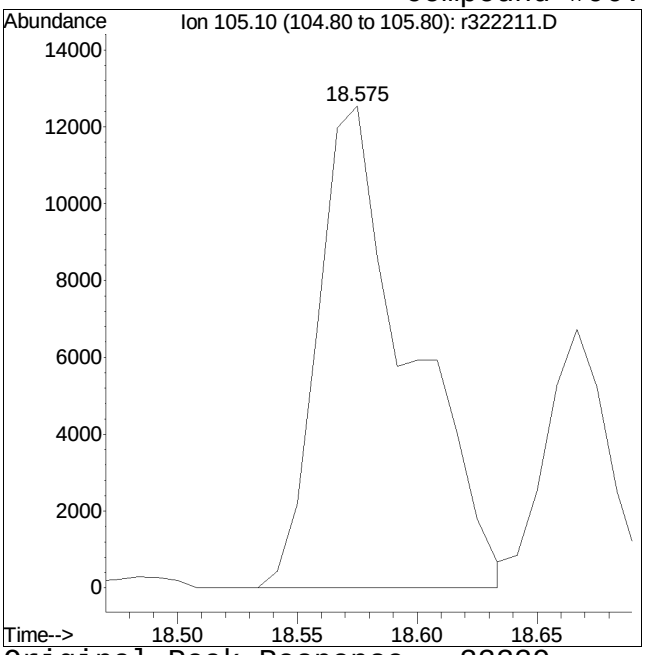
Manual Peak Response = 95448 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

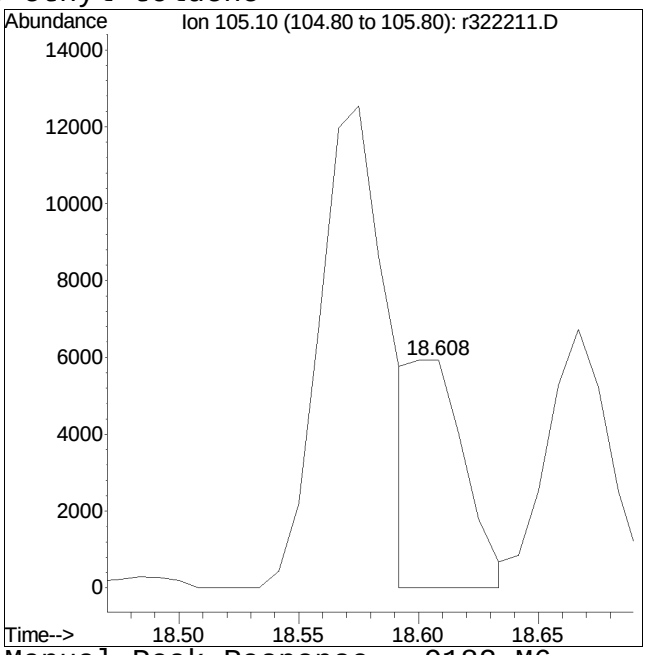
Manual Integration Report

Data Path : O:\Forensics\Data\AirpianoQMethod : TFS3_220516.M
Data File : r322211.D Operator : AIRPIANO3:TS
Date Inj'd : 5/19/2020 0:3: 6 Instrument :
Sample : L2225590-06,3,250,250 Quant Date : 5/19/2022 8:52 am

Compound #96: 4-ethyl toluene



Original Peak Response = 33339



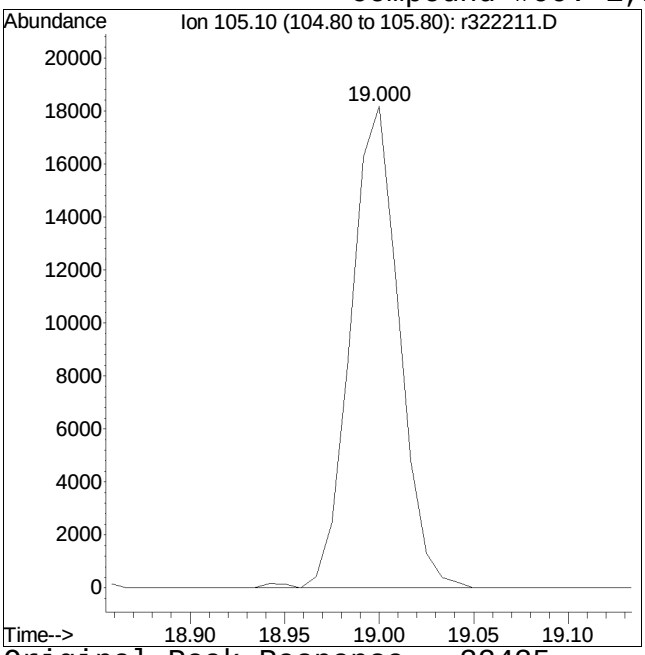
Manual Peak Response = 9182 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

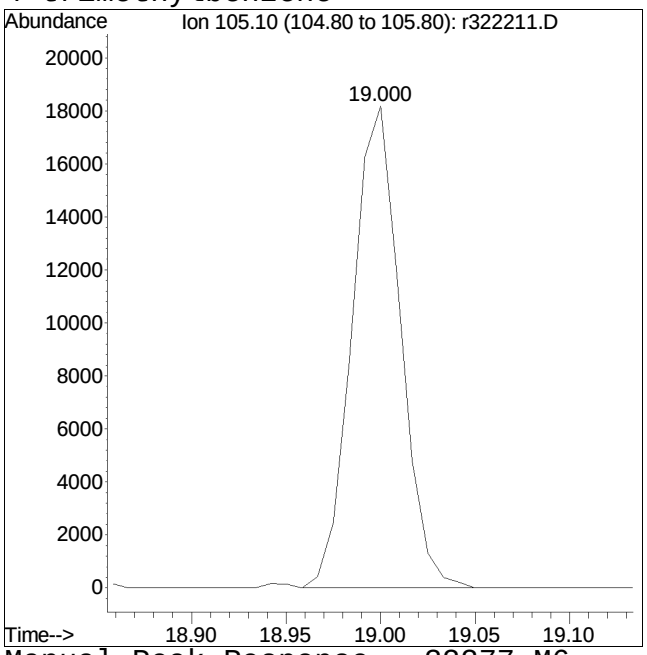
Manual Integration Report

Data Path : O:\Forensics\Data\AirpianoQMethod : TFS3_220516.M
Data File : r322211.D Operator : AIRPIANO3:TS
Date Inj'd : 5/19/2020 0:3: 6 Instrument :
Sample : L2225590-06,3,250,250 Quant Date : 5/19/2022 8:52 am

Compound #99: 1,2,4-trimethylbenzene



Original Peak Response = 32435



Manual Peak Response = 32277 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0519T\
Data File : r322229.D
Acq On : 19 May 2022 6:57 PM
Operator : AIRPIANO3:TS
Sample : L2225590-01,3,250,250
Misc : WG1640711,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 20 13:20:31 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0519T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0519T\r322225.D
Sub List : TO15-NY - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.550	49	433447	10.000	ppbV	-0.02
Standard Area = 440035			Recovery = 98.50%			
43) 1,4-difluorobenzene	11.827	114	1312934	10.000	ppbV	-0.01
Standard Area = 1334123			Recovery = 98.41%			
67) chlorobenzene-D5	16.575	54	219560	10.000	ppbV	0.00
Standard Area = 210666			Recovery = 104.22%			
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	3.952	85	49443	1.450	ppbV	100
6) chloromethane	4.132	50	2097	0.128	ppbV	98
7) Freon-114	0.000		0	N.D.		
9) vinyl chloride	4.390	62	2141	0.101	ppbV	99
10) 1,3-butadiene	4.558	54	5320	0.311	ppbV	98
13) bromomethane	0.000		0	N.D.		
14) chloroethane	5.098		0	N.D.		
15) ethanol	5.270	31	1885956	113.252	ppbV	96
17) vinyl bromide	0.000		0	N.D.		
19) acetone	5.830	43	8576261	361.175	ppbV	98
21) trichlorofluoromethane	6.047	101	10783	0.348	ppbV	98
22) isopropyl alcohol	6.167	45	2669206	93.417	ppbV	100
26) 1,1-dichloroethene	0.000		0	N.D.	d	
27) tertiary butyl alcohol	6.896	59	720331	20.262	ppbV	98
28) methylene chloride	6.992	49	3234	0.120	ppbV	99
29) 3-chloropropene	0.000		0	N.D.		
30) carbon disulfide	7.280	76	66904	1.080	ppbV #	29
31) Freon 113	7.328	101	2317	0.067	ppbV	98
32) trans-1,2-dichloroethene	0.000		0	N.D.		
33) 1,1-dichloroethane	8.442		0	N.D.		
34) MTBE	0.000		0	N.D.	d	
36) 2-butanone	8.833	43	2017614	46.730	ppbV	100
37) cis-1,2-dichloroethene	9.267		0	N.D.		
38) Ethyl Acetate	9.675	61	525	0.075	ppbV	68
39) chloroform	9.717		0	N.D.		
40) Tetrahydrofuran	10.158	42	5331M6	0.214	ppbV	
42) 1,2-dichloroethane	0.000		0	N.D.		

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0519T\
Data File : r322229.D
Acq On : 19 May 2022 6:57 PM
Operator : AIRPIANO3:TS
Sample : L2225590-01,3,250,250
Misc : WG1640711,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 20 13:20:31 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0519T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0519T\r322225.D
Sub List : TO15-NY - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) hexane	9.625	57	79896	2.135	ppbV #	43
48) 1,1,1-trichloroethane	10.858	97	16627	0.587	ppbV	99
50) benzene	11.387	78	460800	5.995	ppbV	100
52) carbon tetrachloride	11.567		0	N.D.		
53) cyclohexane	11.707	56	116614	2.996	ppbV	95
56) 1,2-dichloropropane	0.000		0	N.D.		
57) bromodichloromethane	0.000		0	N.D.	d	
58) 1,4-dioxane	12.633	88	15224	0.970	ppbV	100
59) trichloroethene	12.627	130	3627	0.123	ppbV	98
60) 2,2,4-trimethylpentane	12.673	57	81214	0.702	ppbV #	78
62) heptane	13.000	43	72388	1.678	ppbV	97
63) cis-1,3-dichloropropene	13.783		0	N.D.		
64) 4-methyl-2-pentanone	13.683	43	135810M6	2.748	ppbV	
65) trans-1,3-dichloropropene	14.425		0	N.D.		
66) 1,1,2-trichloroethane	14.558		0	N.D.		
68) toluene	14.783	91	333546	4.044	ppbV	99
72) 2-hexanone	15.067	43	132181	2.663	ppbV	90
74) dibromochloromethane	0.000		0	N.D.		
75) 1,2-dibromoethane	0.000		0	N.D.		
78) tetrachloroethene	15.950	166	90277	2.259	ppbV	98
80) chlorobenzene	0.000		0	N.D.	d	
81) ethylbenzene	16.967	91	85728	0.866	ppbV	100
83) m+p-xylene	17.117	91	255708	3.163	ppbV	100
84) bromoform	0.000		0	N.D.		
85) styrene	17.458	104	16798	0.234	ppbV	99
86) 1,1,2,2-tetrachloroethane	0.000		0	N.D.	d	
87) o-xylene	17.550	91	94982	1.179	ppbV	99
96) 4-ethyl toluene	18.608	105	33060M6	0.270	ppbV	
97) 1,3,5-trimethylbenzene	18.675	105	36373	0.324	ppbV	99
99) 1,2,4-trimethylbenzene	19.000	105	117061M6	1.190	ppbV	
101) Benzyl Chloride	0.000		0	N.D.	d	
102) 1,3-dichlorobenzene	19.133	146	4458	0.060	ppbV #	61
103) 1,4-dichlorobenzene	19.183		0	N.D.		
107) 1,2-dichlorobenzene	0.000		0	N.D.		
115) 1,2,4-trichlorobenzene	0.000		0	N.D.		
119) hexachlorobutadiene	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0519T\
Data File : r322229.D
Acq On : 19 May 2022 6:57 PM
Operator : AIRPIANO3:TS
Sample : L2225590-01,3,250,250
Misc : WG1640711,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 20 13:20:31 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0519T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

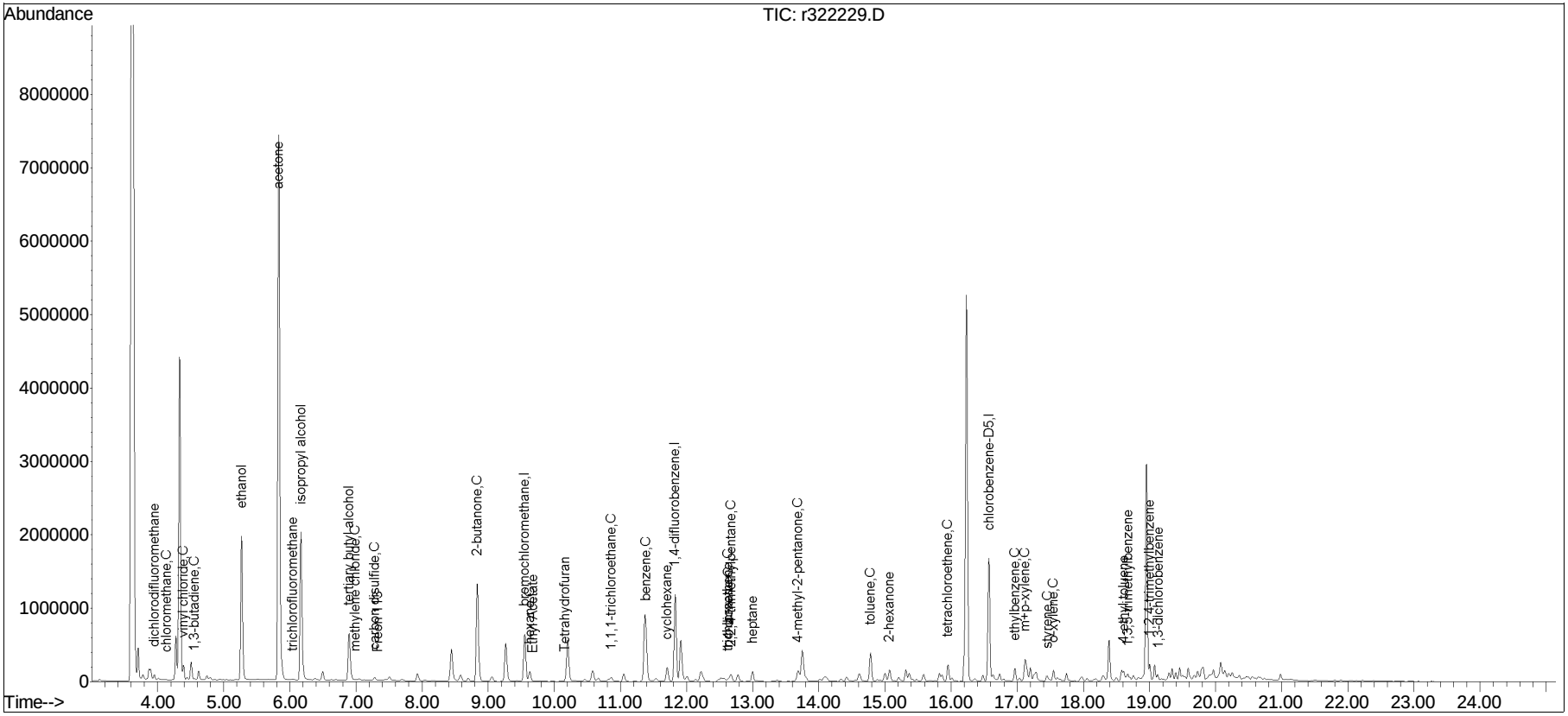
CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0519T\r322225.D
Sub List : TO15-NY - .

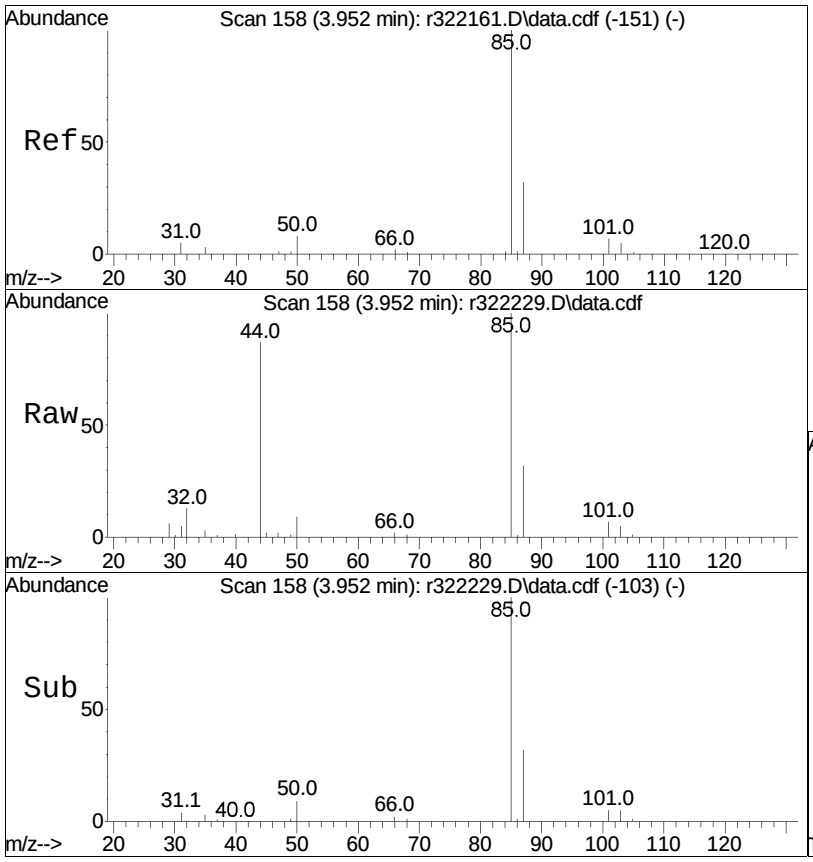
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Sub List : TO15-NY - .s\Data\Airpiano3\2022\05\0519T\r322225.D

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0519T\
Data File : r322229.D
Acq On : 19 May 2022 6:57 PM
Operator : AIRPIANO3:TS
Sample : L2225590-01,3,250,250
Misc : WG1640711,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 20 13:20:31 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0519T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

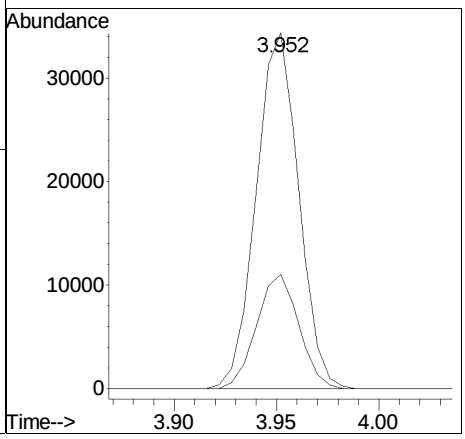


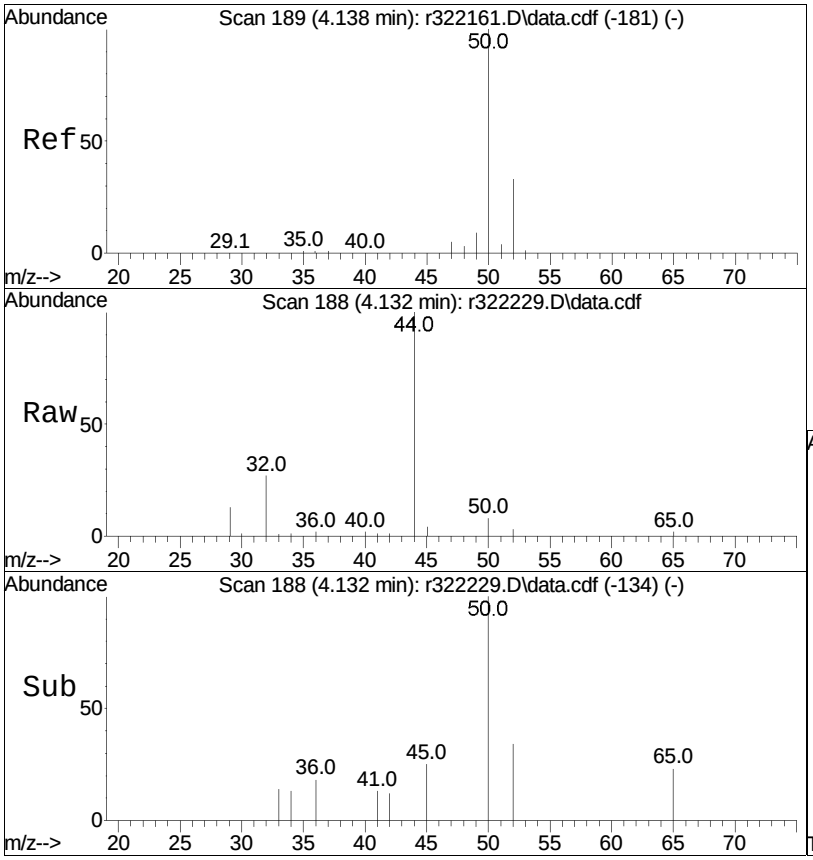


#5
dichlorodifluoromethane
Concen: 1.45 ppbV
RT: 3.952 min Scan# 158
Delta R.T. 0.000 min
Lab File: r322229.D
Acq: 19 May 2022 6:57 PM

Tgt Ion: 85 Resp: 49443

Ion	Ratio	Lower	Upper
85	100		
87	32.1	25.8	38.6

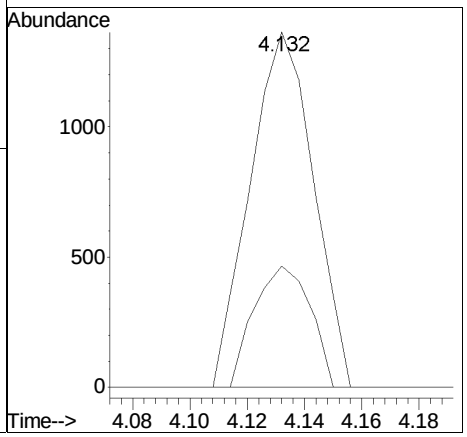


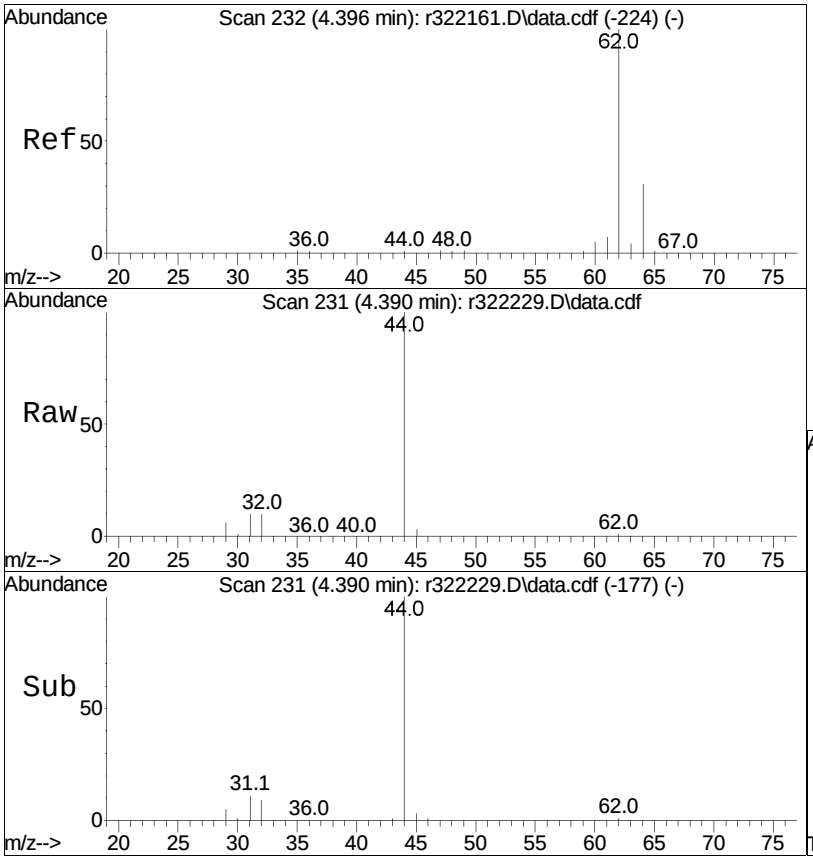


#6
chloromethane
Concen: 0.13 ppbV
RT: 4.132 min Scan# 188
Delta R.T. -0.006 min
Lab File: r322229.D
Acq: 19 May 2022 6:57 PM

Tgt Ion: 50 Resp: 2097

Ion	Ratio	Lower	Upper
50	100		
52	34.2	26.3	39.5

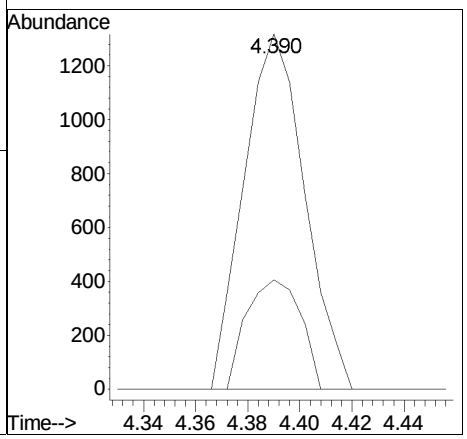


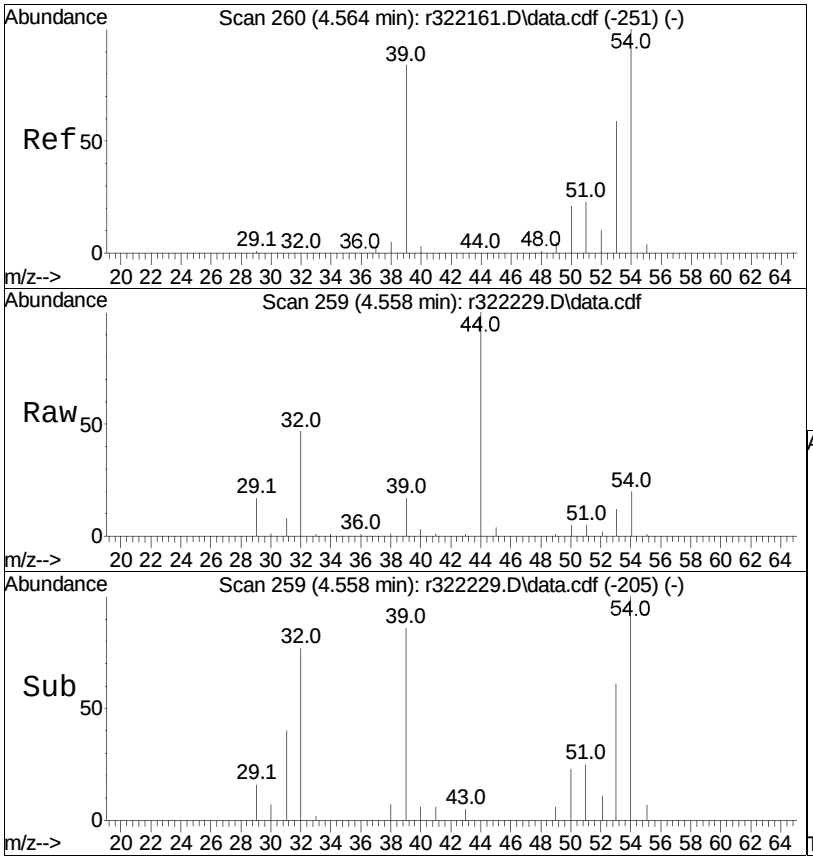


#9
vinyl chloride
Concen: 0.10 ppbV
RT: 4.390 min Scan# 231
Delta R.T. -0.006 min
Lab File: r322229.D
Acq: 19 May 2022 6:57 PM

Tgt Ion: 62 Resp: 2141

Ion	Ratio	Lower	Upper
62	100		
64	30.8	24.4	36.6

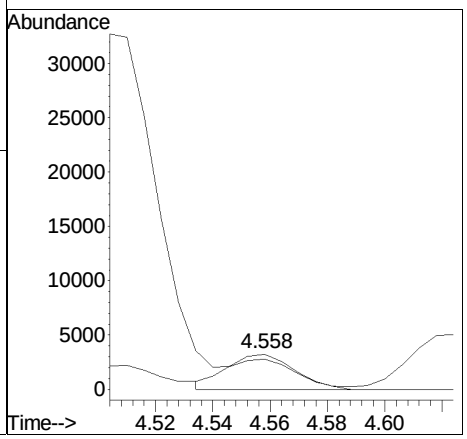


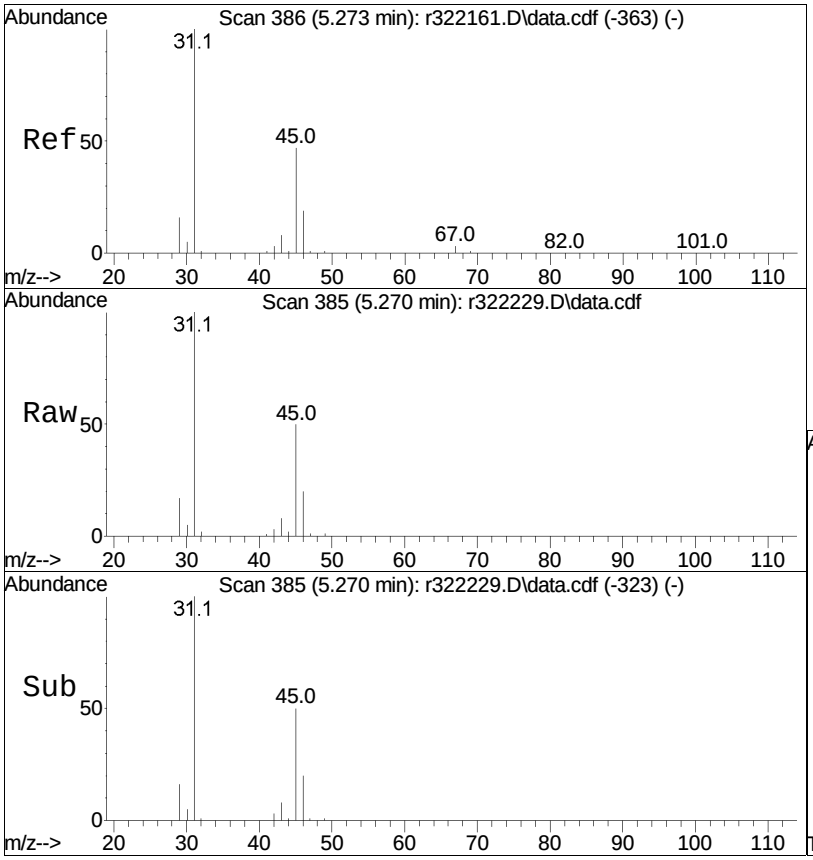


#10
1,3-butadiene
Concen: 0.31 ppbV
RT: 4.558 min Scan# 259
Delta R.T. -0.006 min
Lab File: r322229.D
Acq: 19 May 2022 6:57 PM

Tgt Ion: 54 Resp: 5320

Ion	Ratio	Lower	Upper
54	100		
39	86.3	67.8	101.8

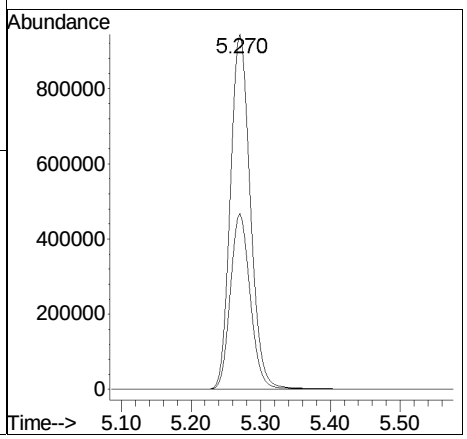


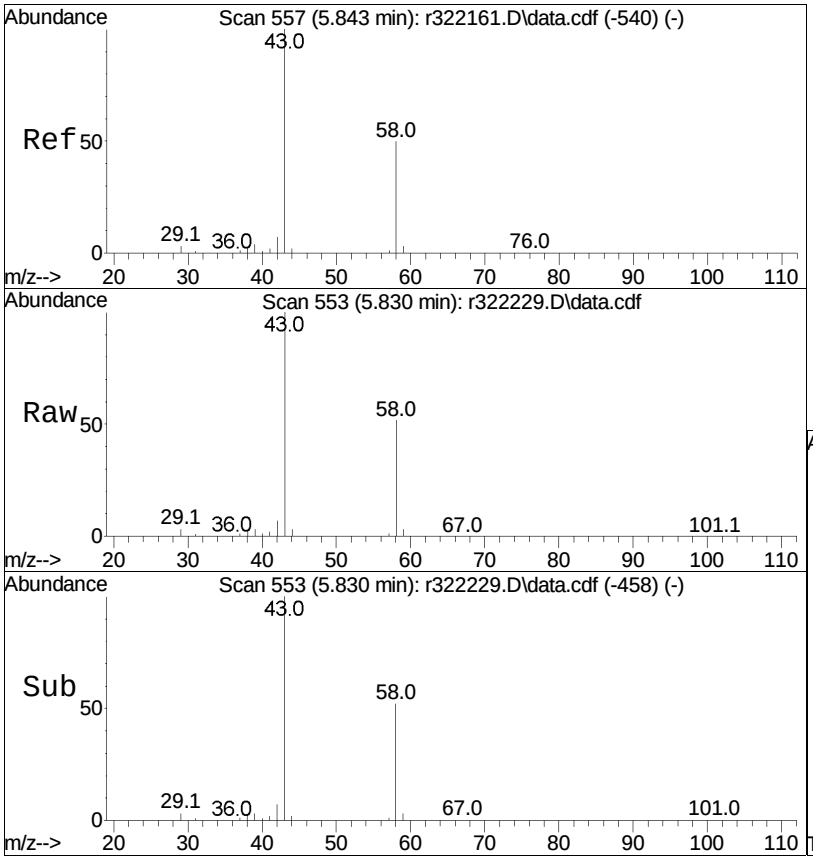


#15
ethanol
Concen: 113.25 ppbV
RT: 5.270 min Scan# 385
Delta R.T. -0.003 min
Lab File: r322229.D
Acq: 19 May 2022 6:57 PM

Tgt Ion: 31 Resp: 1885956

Ion	Ratio	Lower	Upper
31	100		
45	49.6	37.6	56.4

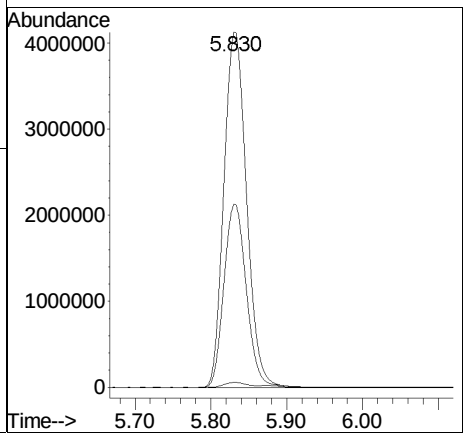


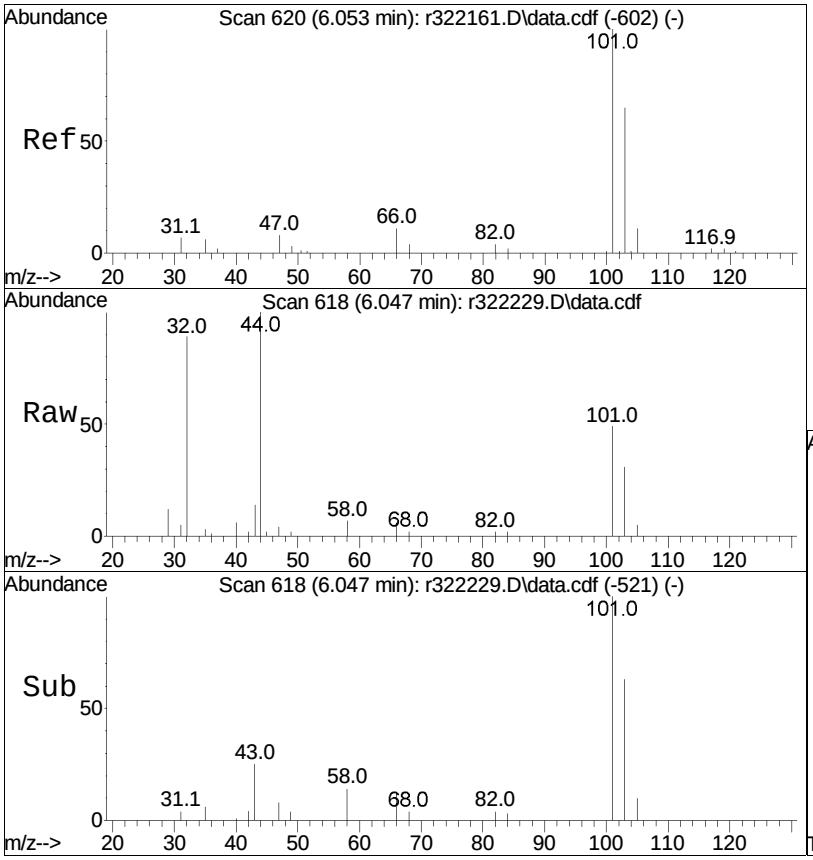


#19
acetone
Concen: 361.17 ppbV
RT: 5.830 min Scan# 553
Delta R.T. -0.013 min
Lab File: r322229.D
Acq: 19 May 2022 6:57 PM

Tgt Ion: 43 Resp: 8576261

Ion	Ratio	Lower	Upper
43	100		
58	51.6	39.8	59.8
57	1.4	1.0	1.6

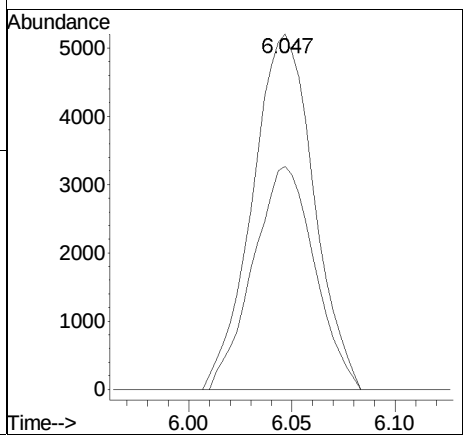


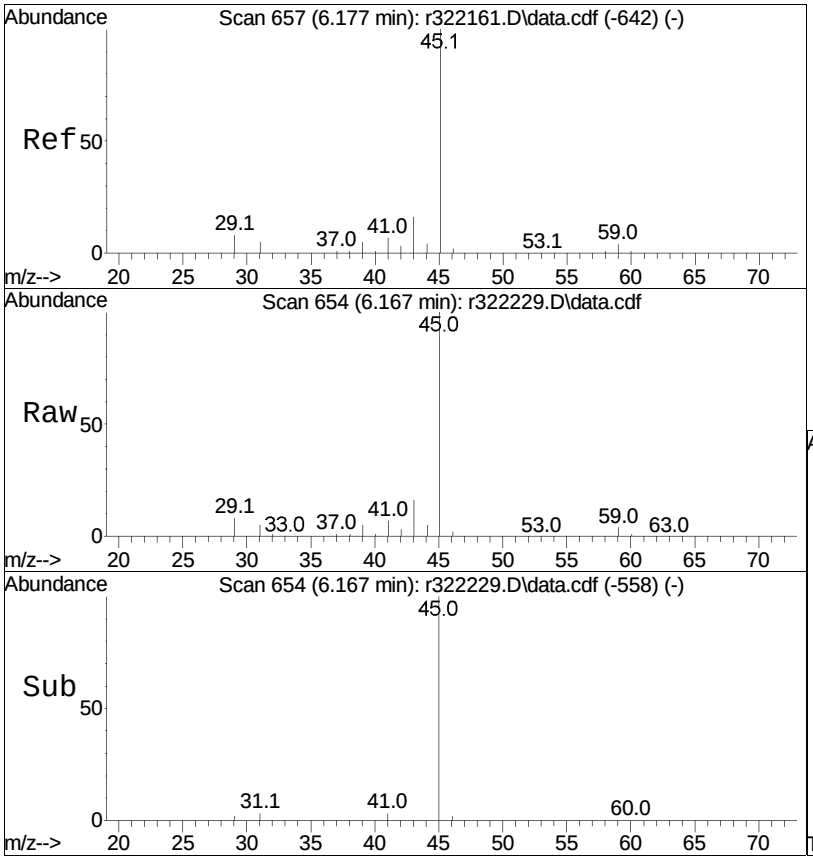


#21
trichlorofluoromethane
Concen: 0.35 ppbV
RT: 6.047 min Scan# 618
Delta R.T. -0.007 min
Lab File: r322229.D
Acq: 19 May 2022 6:57 PM

Tgt Ion:101 Resp: 10783

Ion	Ratio	Lower	Upper
101	100		
103	62.8	51.8	77.6

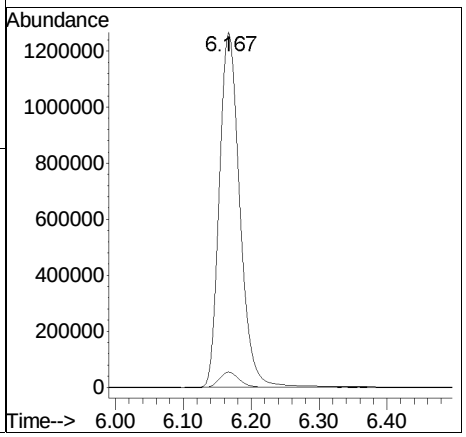


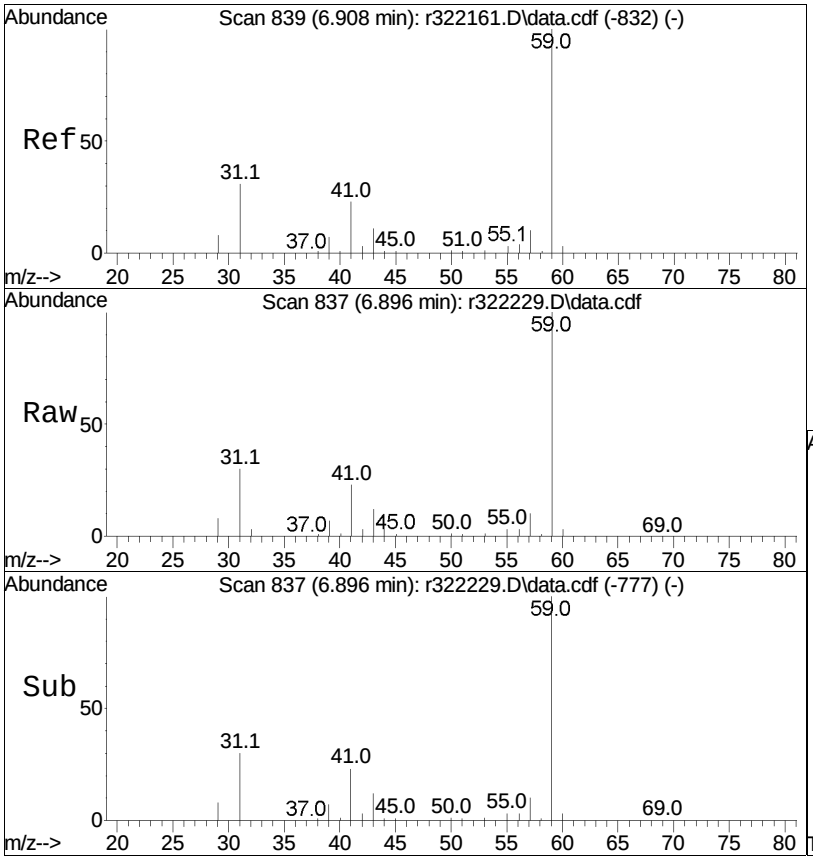


#22
isopropyl alcohol
Concen: 93.42 ppbV
RT: 6.167 min Scan# 654
Delta R.T. -0.010 min
Lab File: r322229.D
Acq: 19 May 2022 6:57 PM

Tgt Ion: 45 Resp: 2669206

Ion	Ratio	Lower	Upper
45	100		
59	4.3	3.5	5.3

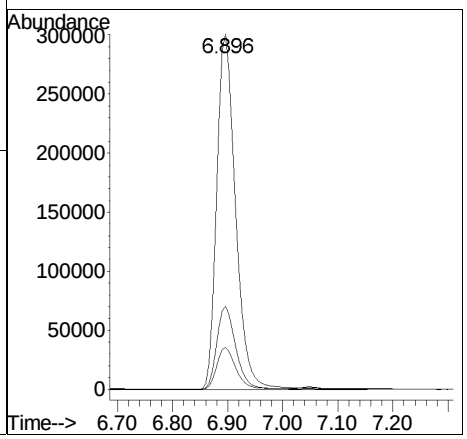


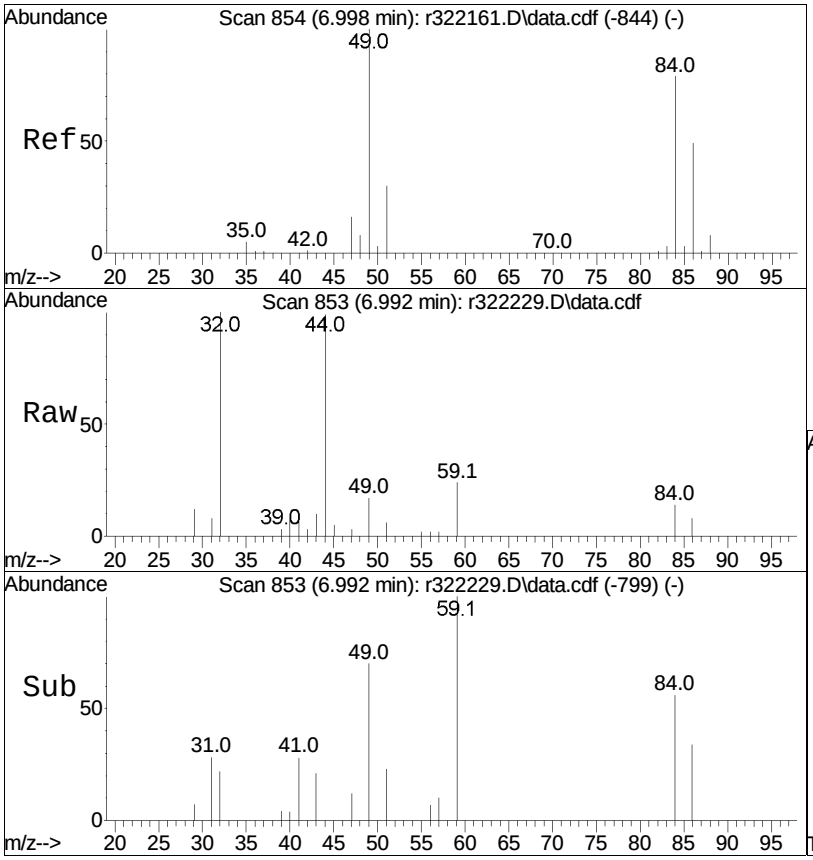


#27
tertiary butyl alcohol
Concen: 20.26 ppbV
RT: 6.896 min Scan# 837
Delta R.T. -0.012 min
Lab File: r322229.D
Acq: 19 May 2022 6:57 PM

Tgt Ion: 59 Resp: 720331

Ion	Ratio	Lower	Upper
59	100		
41	23.4	18.2	27.2
43	11.8	8.9	13.3

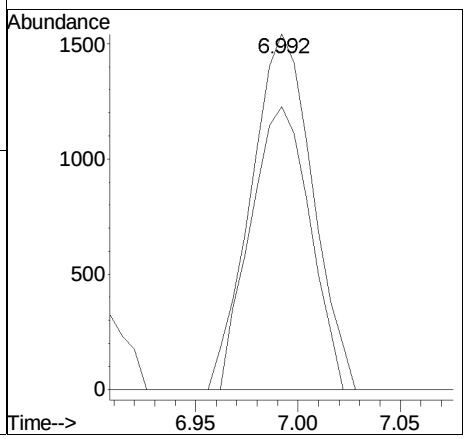


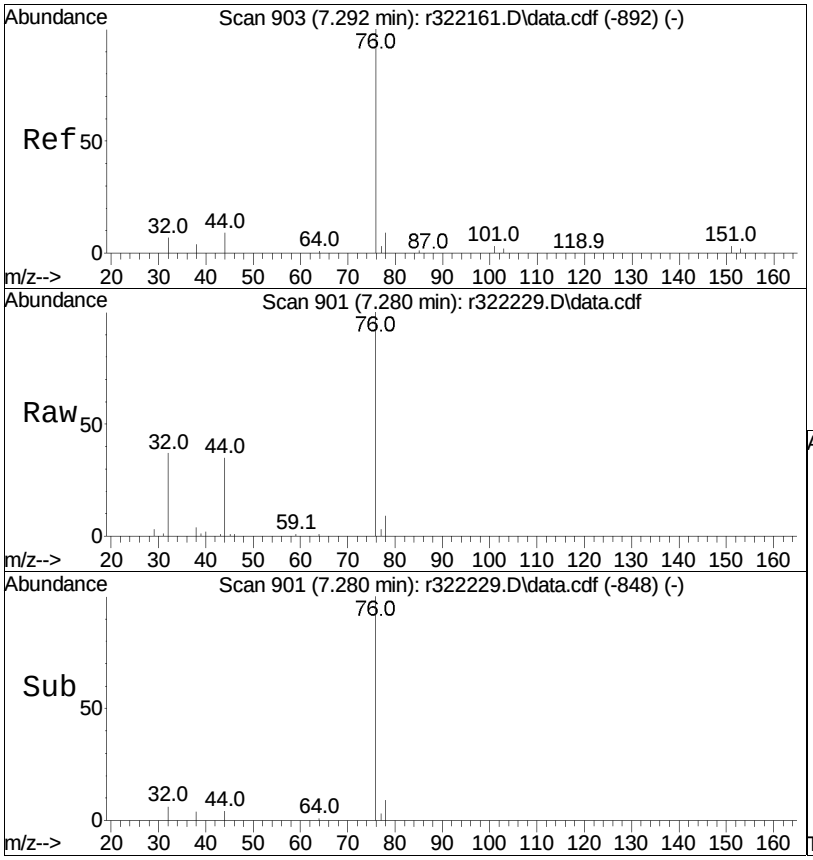


#28
methylene chloride
Concen: 0.12 ppbV
RT: 6.992 min Scan# 853
Delta R.T. -0.006 min
Lab File: r322229.D
Acq: 19 May 2022 6:57 PM

Tgt Ion: 49 Resp: 3234

Ion	Ratio	Lower	Upper
49	100		
84	79.6	63.0	94.6

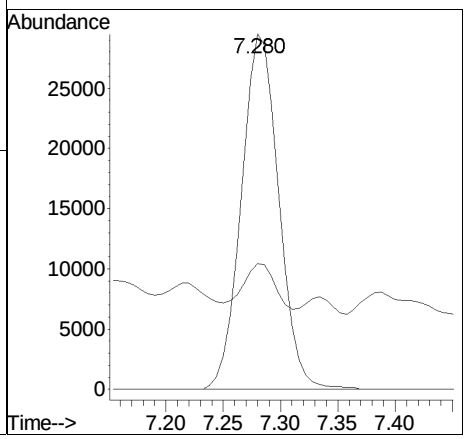


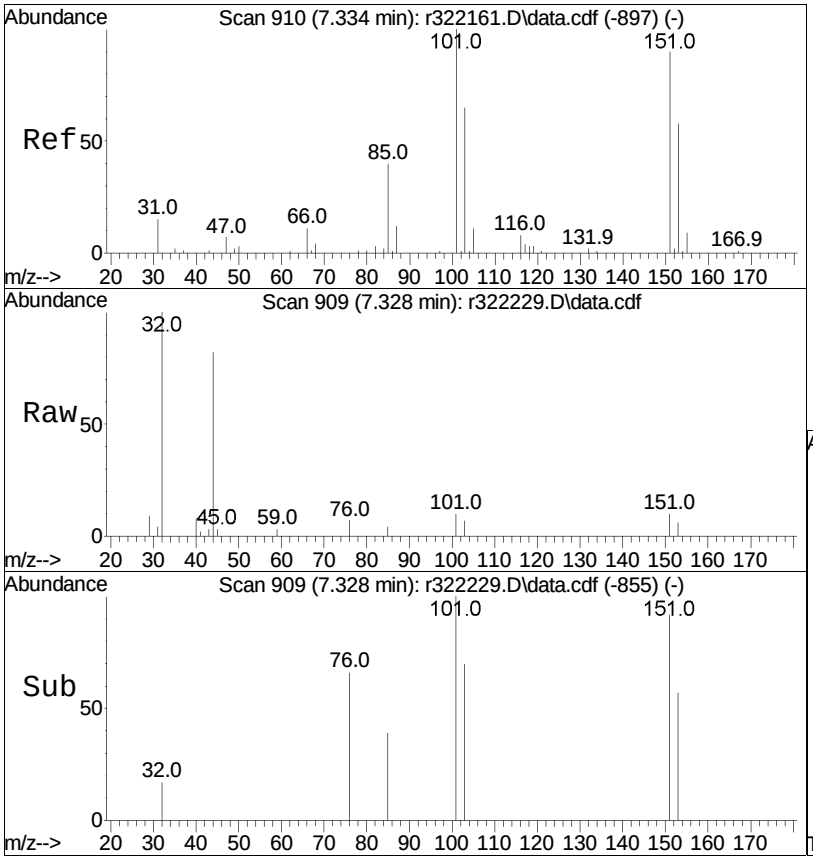


#30
carbon disulfide
Concen: 1.08 ppbV
RT: 7.280 min Scan# 901
Delta R.T. -0.012 min
Lab File: r322229.D
Acq: 19 May 2022 6:57 PM

Tgt Ion: 76 Resp: 66904

Ion	Ratio	Lower	Upper
76	100		
44	35.4	7.6	11.4#

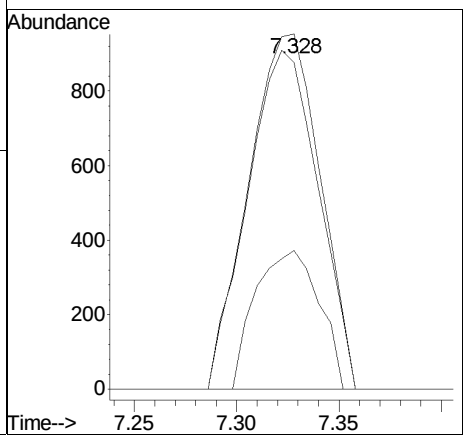


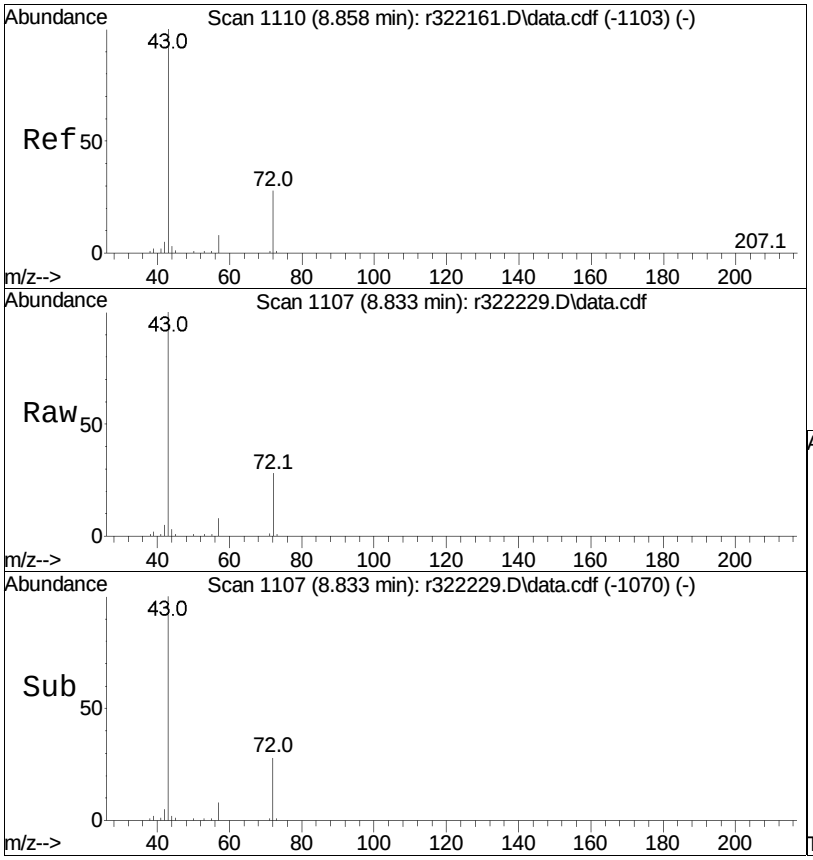


#31
Freon 113
Concen: 0.07 ppbV
RT: 7.328 min Scan# 909
Delta R.T. -0.006 min
Lab File: r322229.D
Acq: 19 May 2022 6:57 PM

Tgt Ion:101 Resp: 2317

Ion	Ratio	Lower	Upper
101	100		
85	39.0	31.8	47.8
151	91.9	72.2	108.4

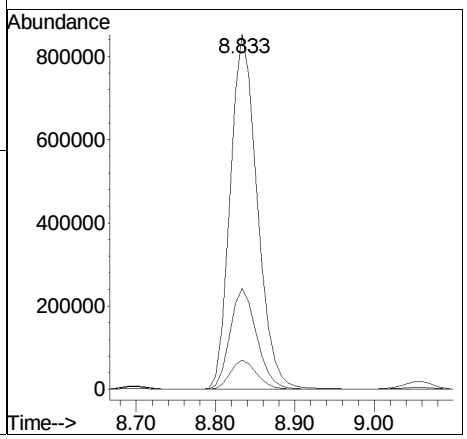


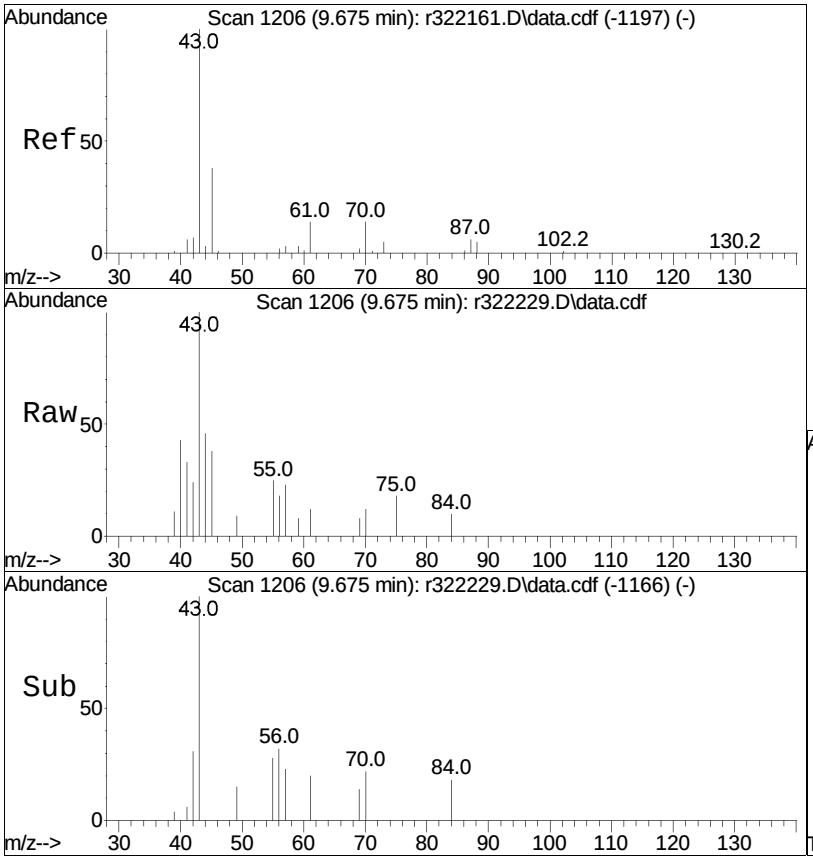


#36
2-butanone
Concen: 46.73 ppbV
RT: 8.833 min Scan# 1107
Delta R.T. -0.025 min
Lab File: r322229.D
Acq: 19 May 2022 6:57 PM

Tgt Ion: 43 Resp: 2017614

Ion	Ratio	Lower	Upper
43	100		
72	28.4	22.6	33.8
57	8.3	6.6	10.0

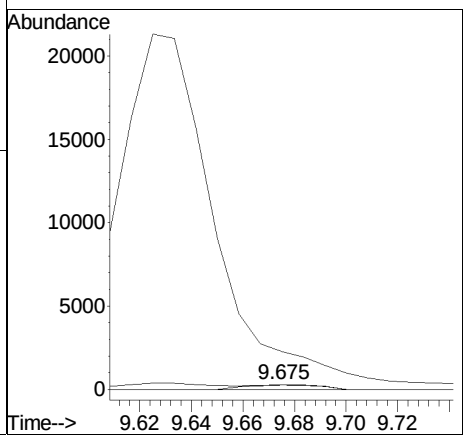


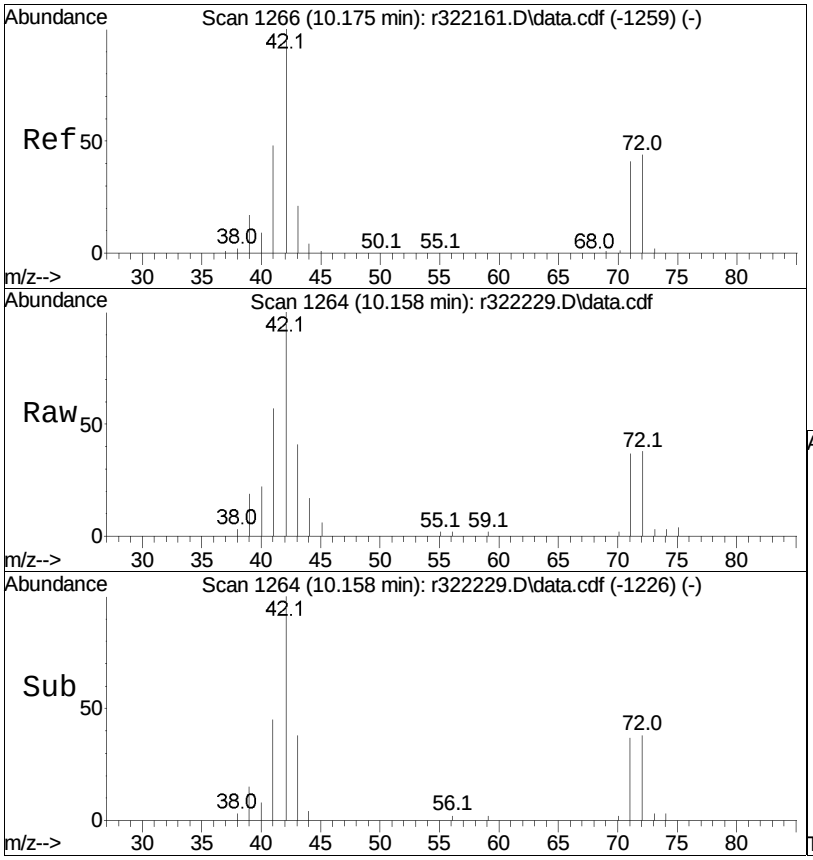


#38
Ethyl Acetate
Concen: 0.07 ppbV
RT: 9.675 min Scan# 1206
Delta R.T. 0.000 min
Lab File: r322229.D
Acq: 19 May 2022 6:57 PM

Tgt Ion: 61 Resp: 525

Ion	Ratio	Lower	Upper
61	100		
70	106.5	78.8	118.2
43	868.3	593.4	890.0

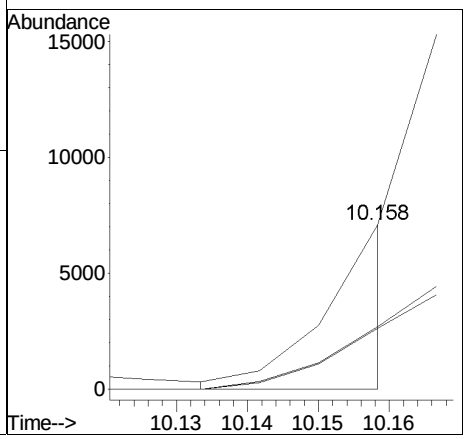


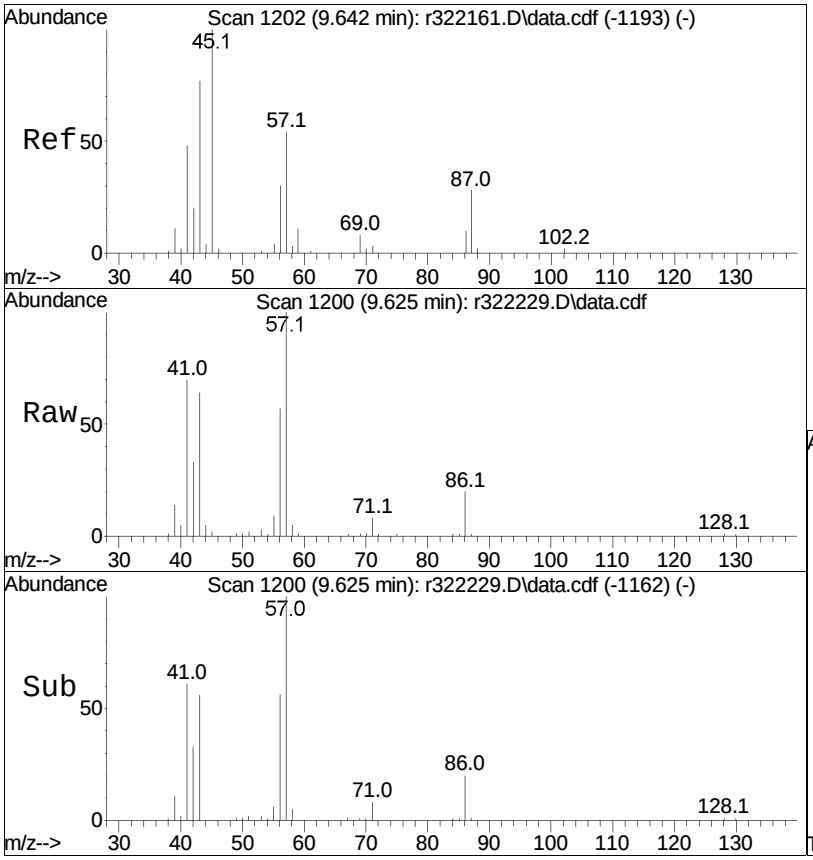


#40
Tetrahydrofuran
Concen: 0.21 ppbV m
RT: 10.158 min Scan# 1264
Delta R.T. -0.017 min
Lab File: r322229.D
Acq: 19 May 2022 6:57 PM

Tgt Ion: 42 Resp: 5331

Ion	Ratio	Lower	Upper
42	100		
71	37.1	32.4	48.6
72	38.1	35.2	52.8

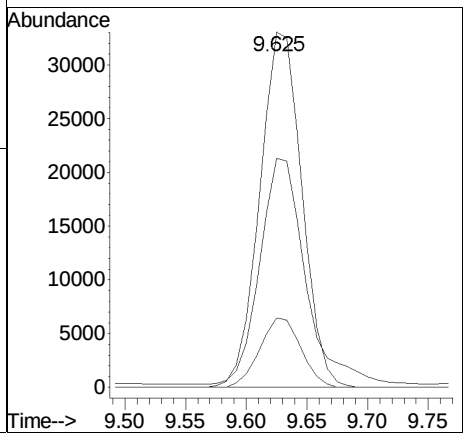


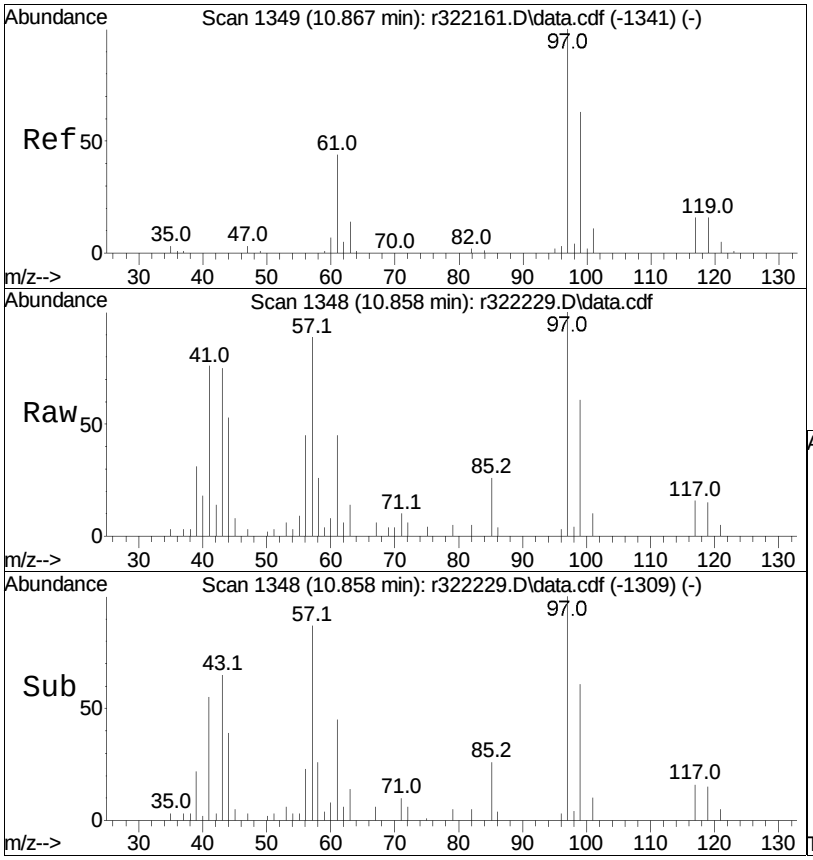


#44
hexane
Concen: 2.13 ppbV
RT: 9.625 min Scan# 1200
Delta R.T. -0.017 min
Lab File: r322229.D
Acq: 19 May 2022 6:57 PM

Tgt Ion: 57 Resp: 79896

Ion	Ratio	Lower	Upper
57	100		
43	64.5	115.0	172.6#
86	19.6	15.5	23.3

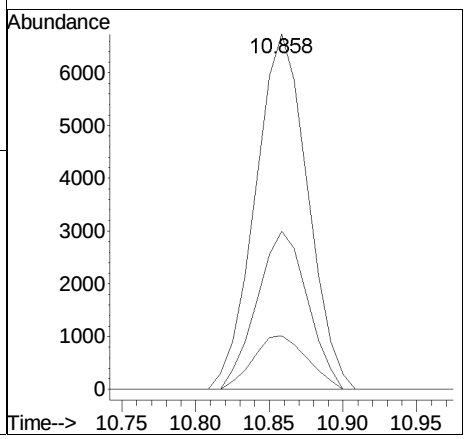


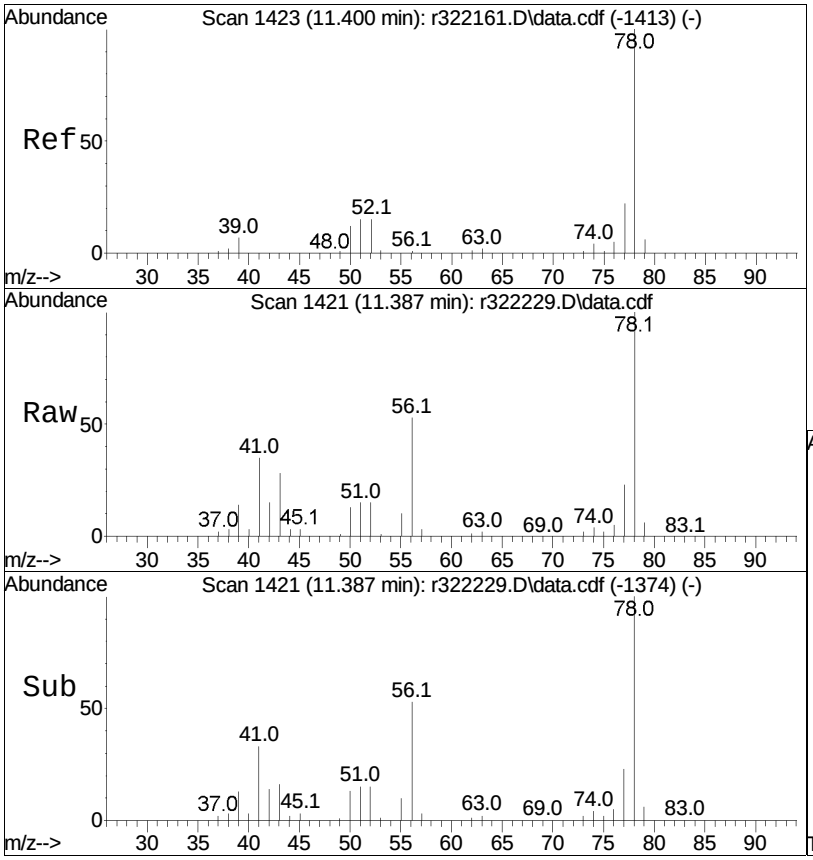


#48
1,1,1-trichloroethane
Concen: 0.59 ppbV
RT: 10.858 min Scan# 1348
Delta R.T. -0.008 min
Lab File: r322229.D
Acq: 19 May 2022 6:57 PM

Tgt Ion: 97 Resp: 16627

Ion	Ratio	Lower	Upper
97	100		
61	44.5	35.1	52.7
119	15.1	12.5	18.7

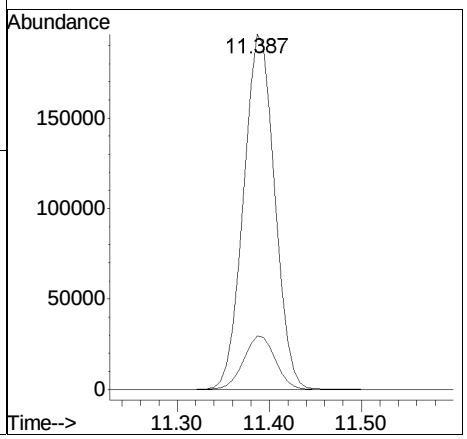


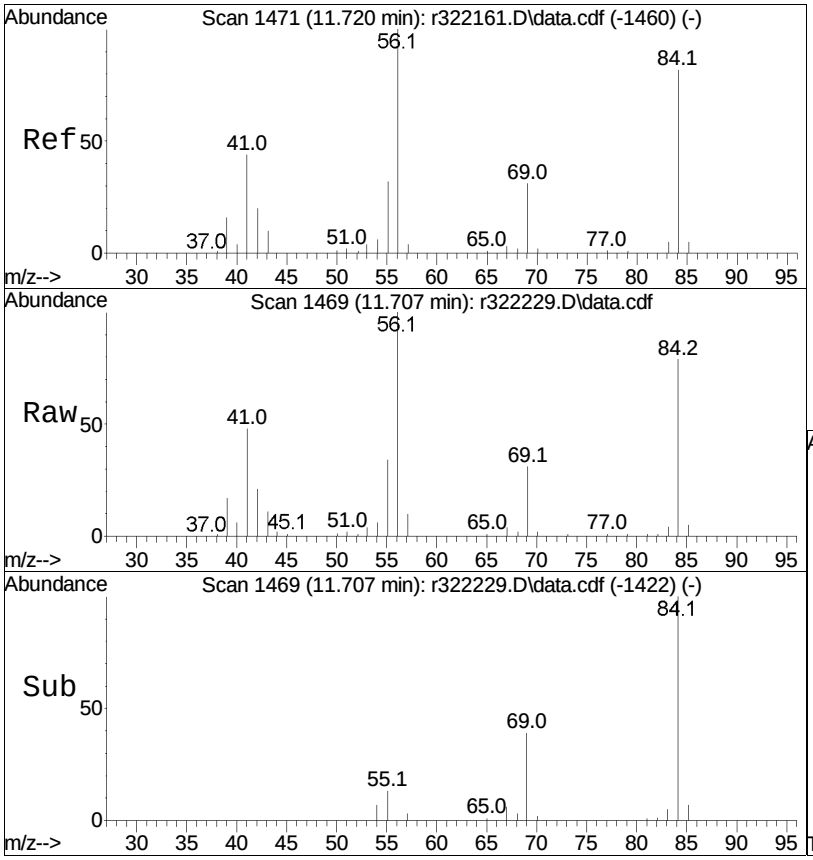


#50
benzene
Concen: 6.00 ppbV
RT: 11.387 min Scan# 1421
Delta R.T. -0.013 min
Lab File: r322229.D
Acq: 19 May 2022 6:57 PM

Tgt Ion: 78 Resp: 460800

Ion	Ratio	Lower	Upper
78	100		
52	15.0	12.2	18.2

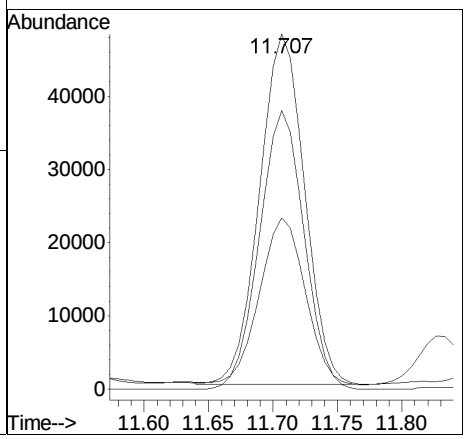


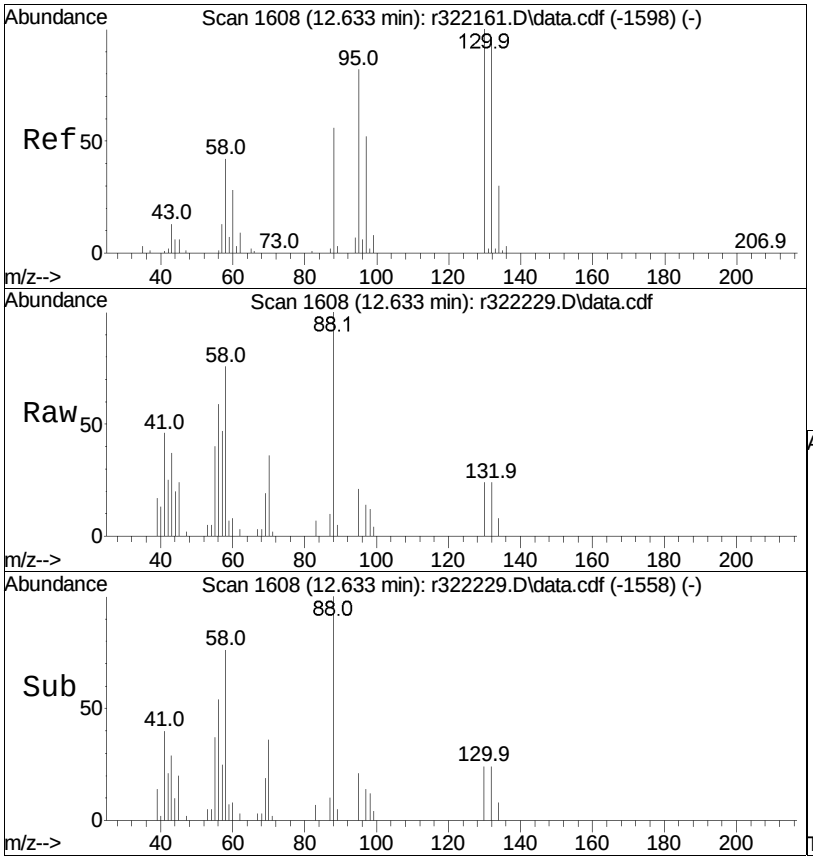


#53
cyclohexane
Concen: 3.00 ppbV
RT: 11.707 min Scan# 1469
Delta R.T. -0.013 min
Lab File: r322229.D
Acq: 19 May 2022 6:57 PM

Tgt Ion: 56 Resp: 116614

Ion	Ratio	Lower	Upper
56	100		
84	78.5	65.4	98.0
41	48.3	35.4	53.2

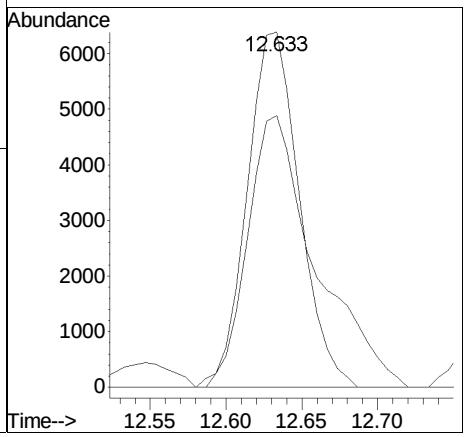


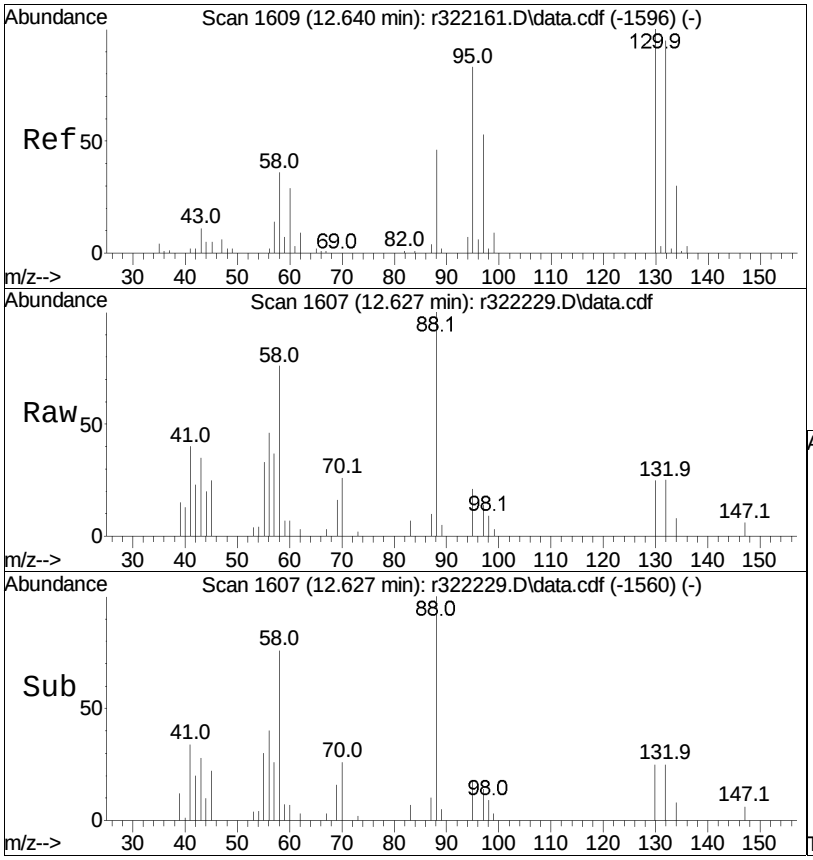


#58
1,4-dioxane
Concen: 0.97 ppbV
RT: 12.633 min Scan# 1608
Delta R.T. 0.000 min
Lab File: r322229.D
Acq: 19 May 2022 6:57 PM

Tgt Ion: 88 Resp: 15224

Ion	Ratio	Lower	Upper
88	100		
58	76.5	61.2	91.8

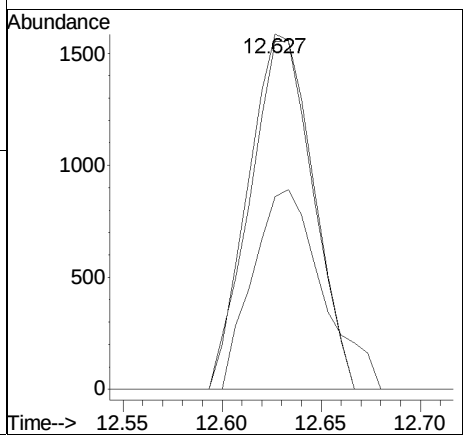


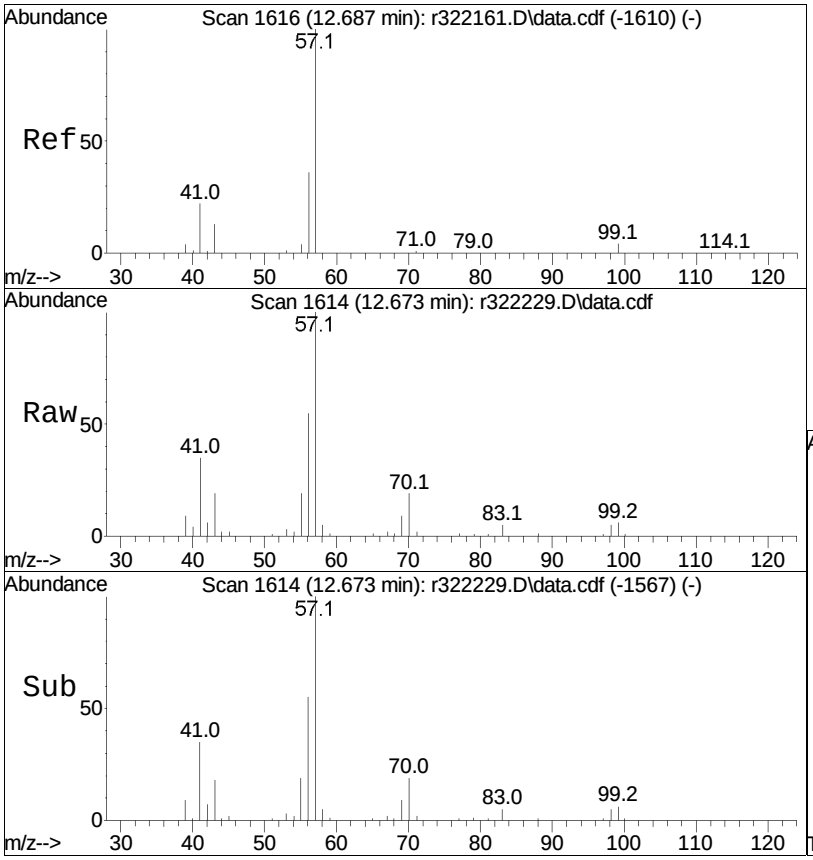


#59
trichloroethene
Concen: 0.12 ppbV
RT: 12.627 min Scan# 1607
Delta R.T. -0.013 min
Lab File: r322229.D
Acq: 19 May 2022 6:57 PM

Tgt Ion:130 Resp: 3627

Ion	Ratio	Lower	Upper
130	100		
132	97.9	76.2	114.2
97	54.2	42.6	63.8

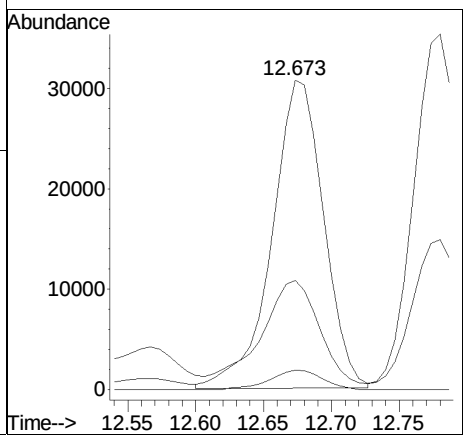


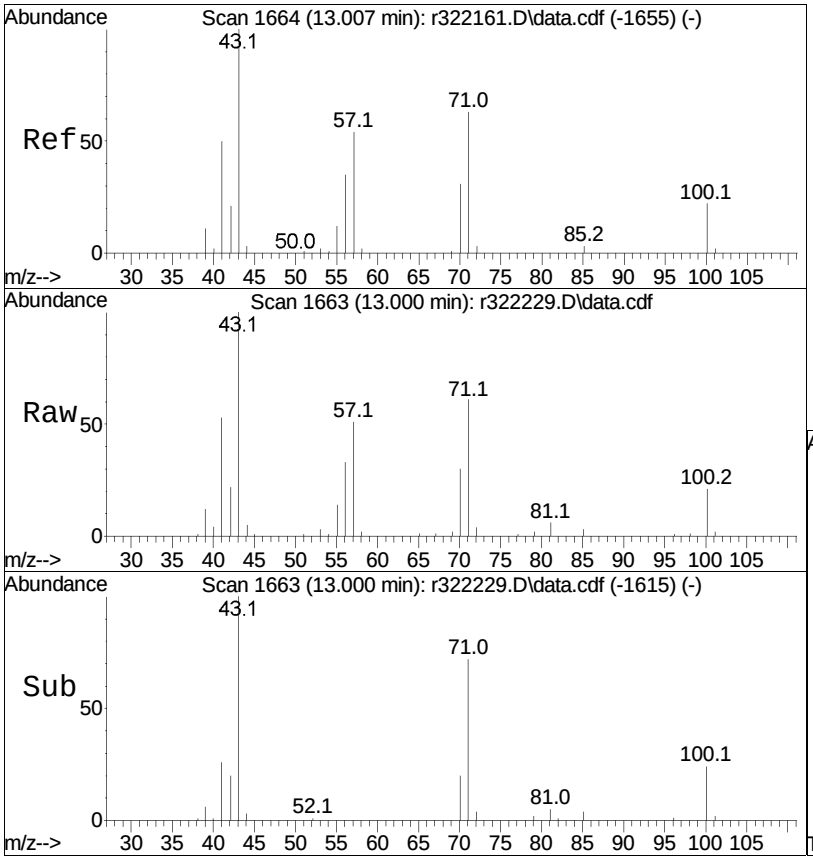


#60
2,2,4-trimethylpentane
Concen: 0.70 ppbV
RT: 12.673 min Scan# 1614
Delta R.T. -0.013 min
Lab File: r322229.D
Acq: 19 May 2022 6:57 PM

Tgt Ion: 57 Resp: 81214

Ion	Ratio	Lower	Upper
57	100		
99	6.2	5.0	7.4
41	35.2	17.4	26.2#

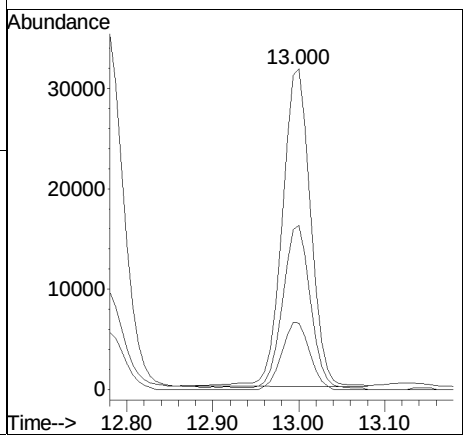


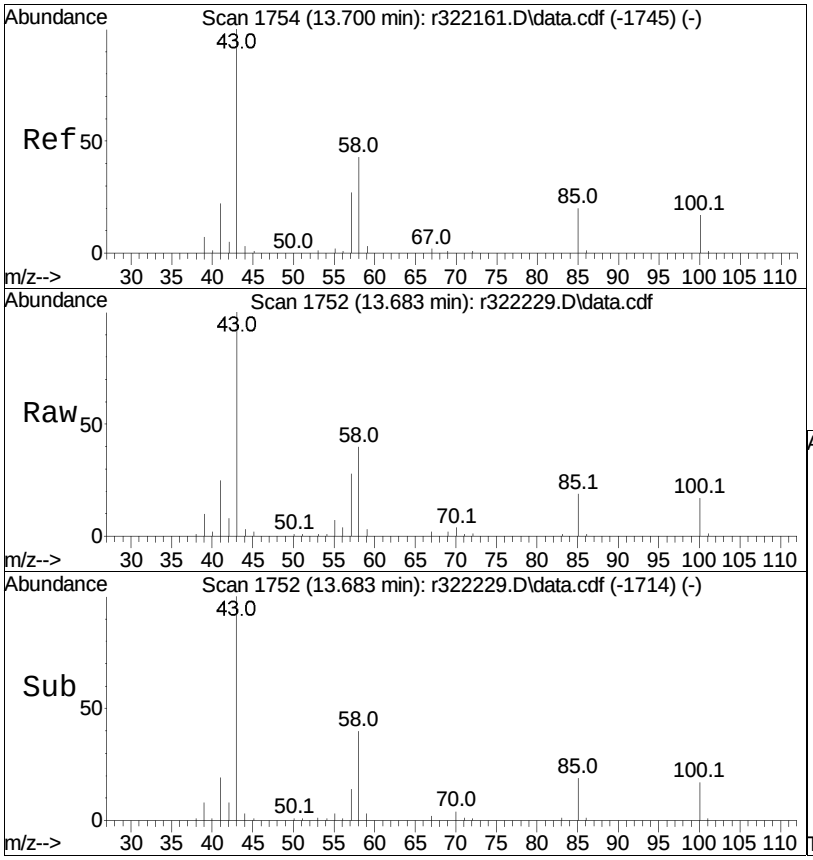


#62
heptane
Concen: 1.68 ppbV
RT: 13.000 min Scan# 1663
Delta R.T. -0.007 min
Lab File: r322229.D
Acq: 19 May 2022 6:57 PM

Tgt Ion: 43 Resp: 72388

Ion	Ratio	Lower	Upper
43	100		
57	51.1	43.0	64.4
100	20.7	17.6	26.4

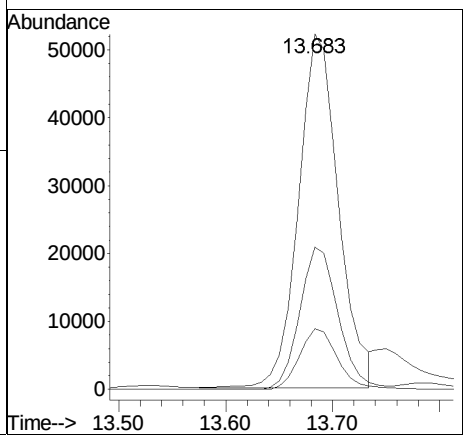


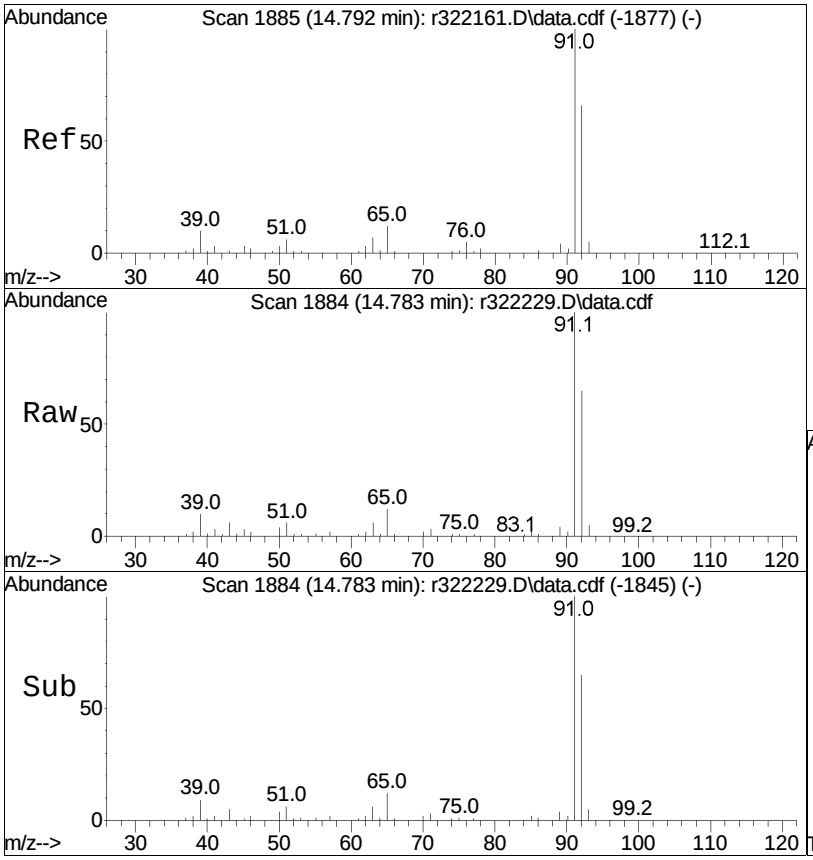


#64
4-methyl-2-pentanone
Concen: 2.75 ppbV m
RT: 13.683 min Scan# 1752
Delta R.T. -0.017 min
Lab File: r322229.D
Acq: 19 May 2022 6:57 PM

Tgt Ion: 43 Resp: 135810

Ion	Ratio	Lower	Upper
43	100		
58	40.1	34.3	51.5
100	17.1	13.8	20.6

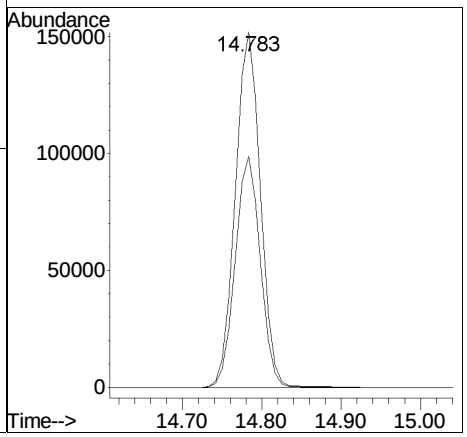


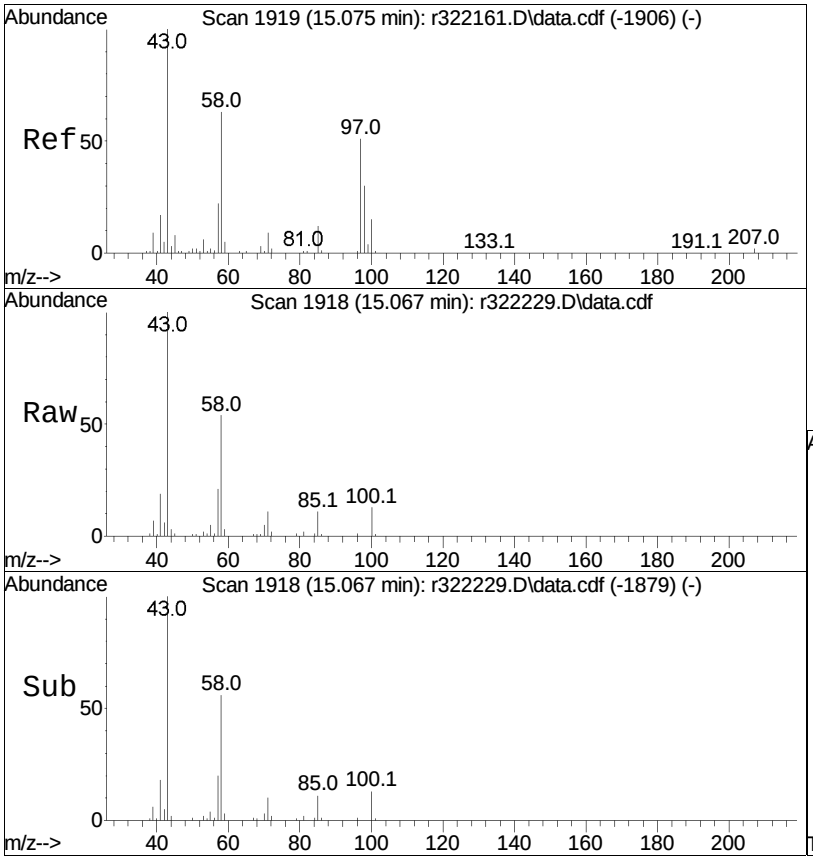


#68
toluene
Concen: 4.04 ppbV
RT: 14.783 min Scan# 1884
Delta R.T. -0.008 min
Lab File: r322229.D
Acq: 19 May 2022 6:57 PM

Tgt Ion: 91 Resp: 333546

Ion	Ratio	Lower	Upper
91	100		
92	65.1	52.7	79.1

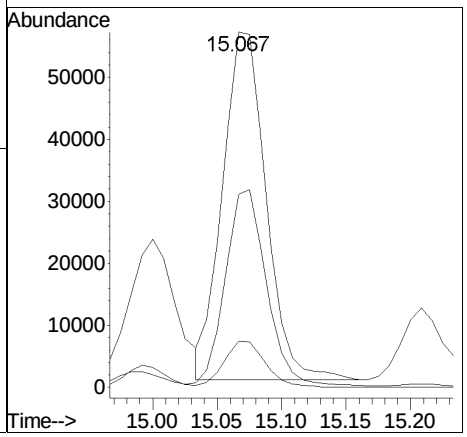


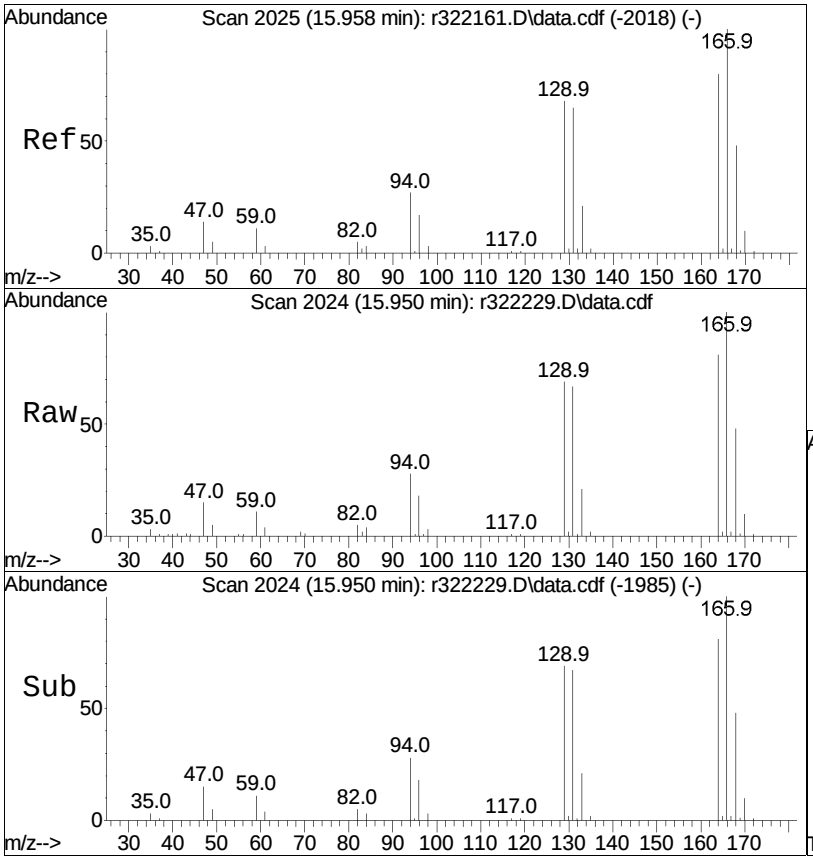


#72
2-hexanone
Concen: 2.66 ppbV
RT: 15.067 min Scan# 1918
Delta R.T. -0.008 min
Lab File: r322229.D
Acq: 19 May 2022 6:57 PM

Tgt Ion: 43 Resp: 132181

Ion	Ratio	Lower	Upper
43	100		
58	54.4	50.5	75.7
100	13.0	12.2	18.2

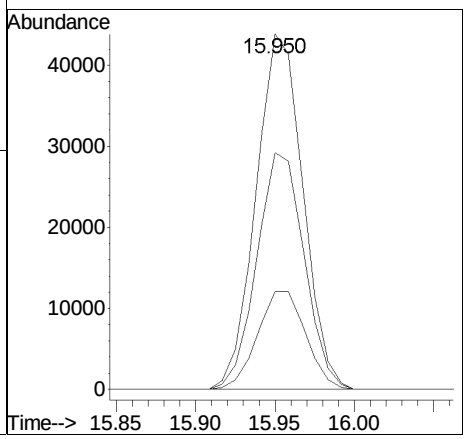


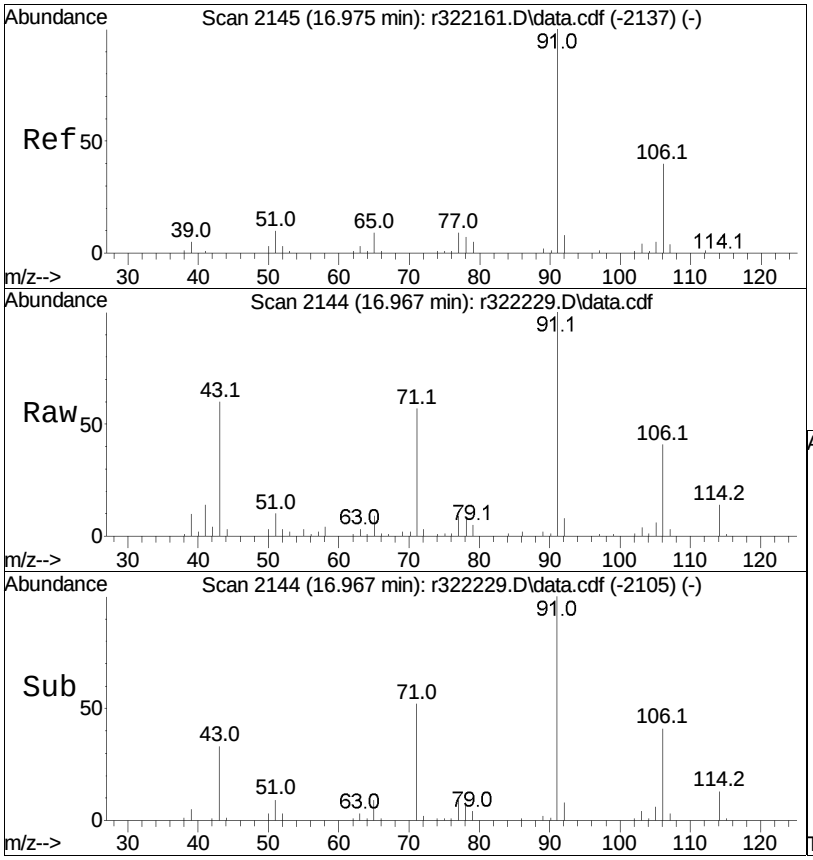


#78
tetrachloroethene
Concen: 2.26 ppbV
RT: 15.950 min Scan# 2024
Delta R.T. -0.008 min
Lab File: r322229.D
Acq: 19 May 2022 6:57 PM

Tgt Ion:166 Resp: 90277

Ion	Ratio	Lower	Upper
166	100		
131	66.6	51.8	77.6
94	27.6	21.8	32.8

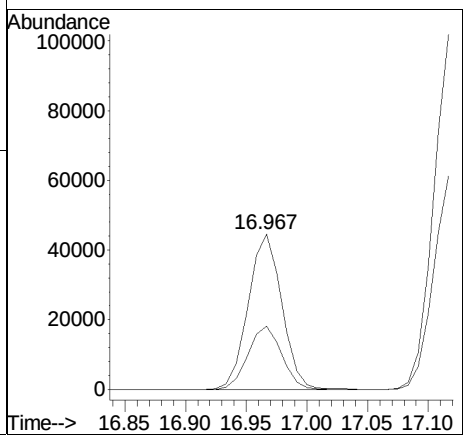


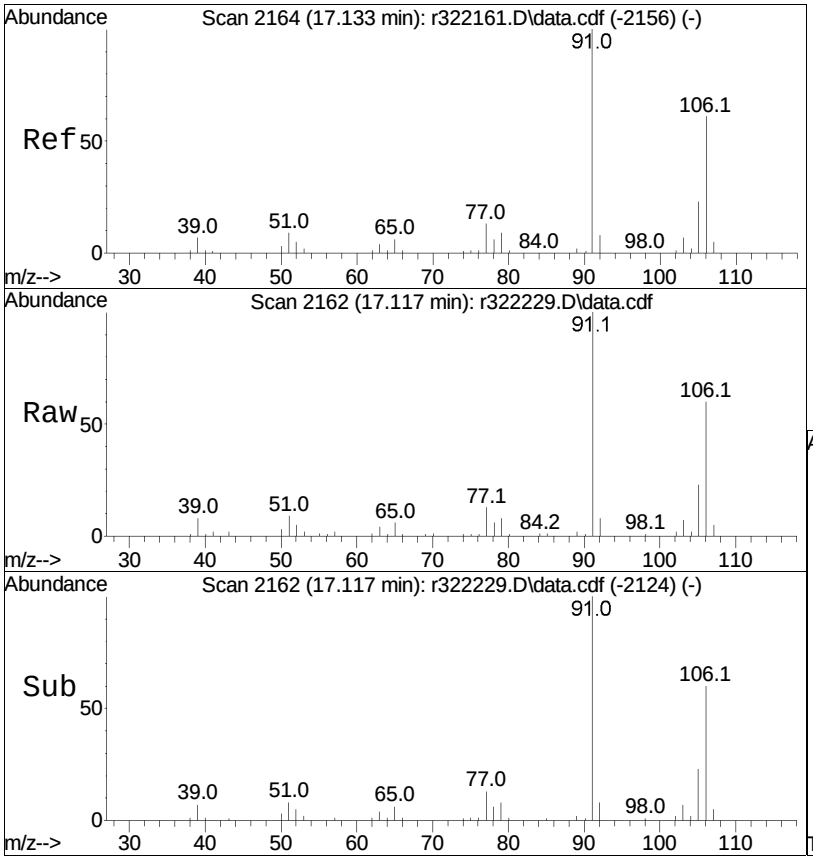


#81
ethylbenzene
Concen: 0.87 ppbV
RT: 16.967 min Scan# 2144
Delta R.T. -0.008 min
Lab File: r322229.D
Acq: 19 May 2022 6:57 PM

Tgt Ion: 91 Resp: 85728

Ion	Ratio	Lower	Upper
91	100		
106	40.7	32.4	48.6

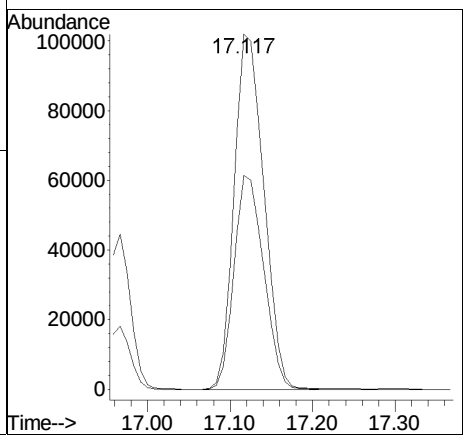


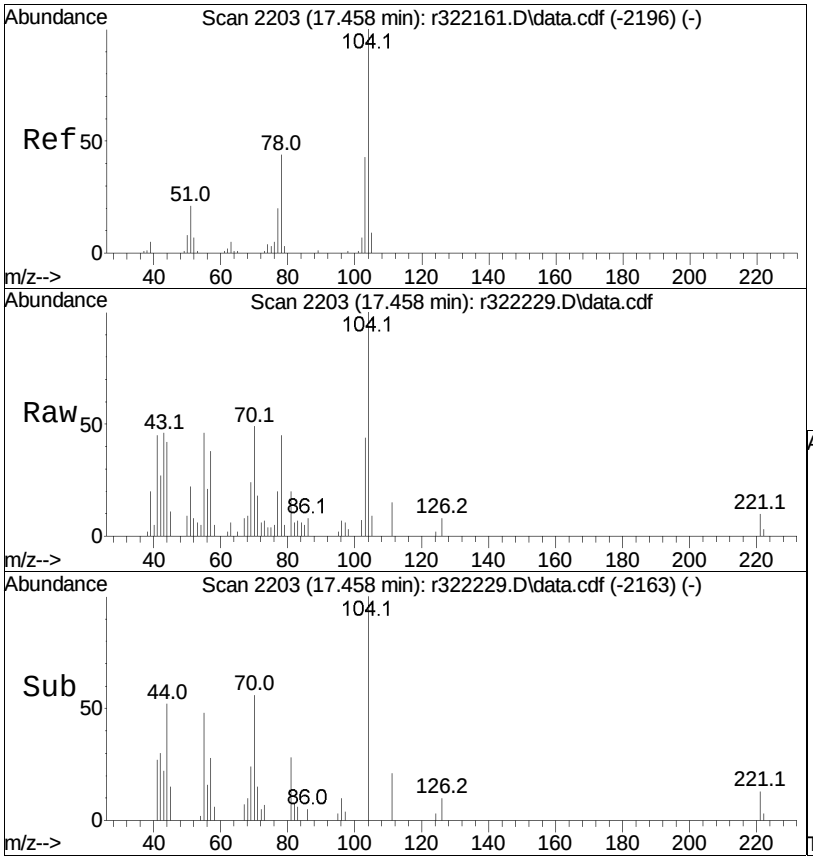


#83
m+p-xylene
Concen: 3.16 ppbV
RT: 17.117 min Scan# 2162
Delta R.T. -0.017 min
Lab File: r322229.D
Acq: 19 May 2022 6:57 PM

Tgt Ion: 91 Resp: 255708

Ion	Ratio	Lower	Upper
91	100		
106	60.2	48.4	72.6

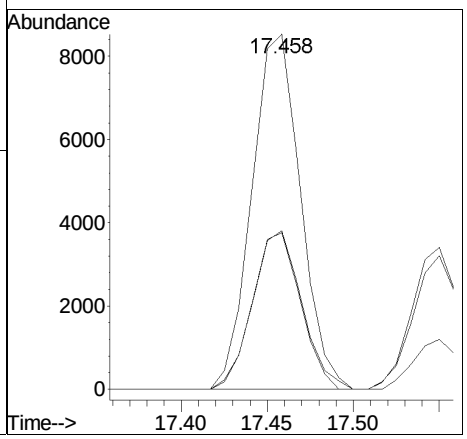


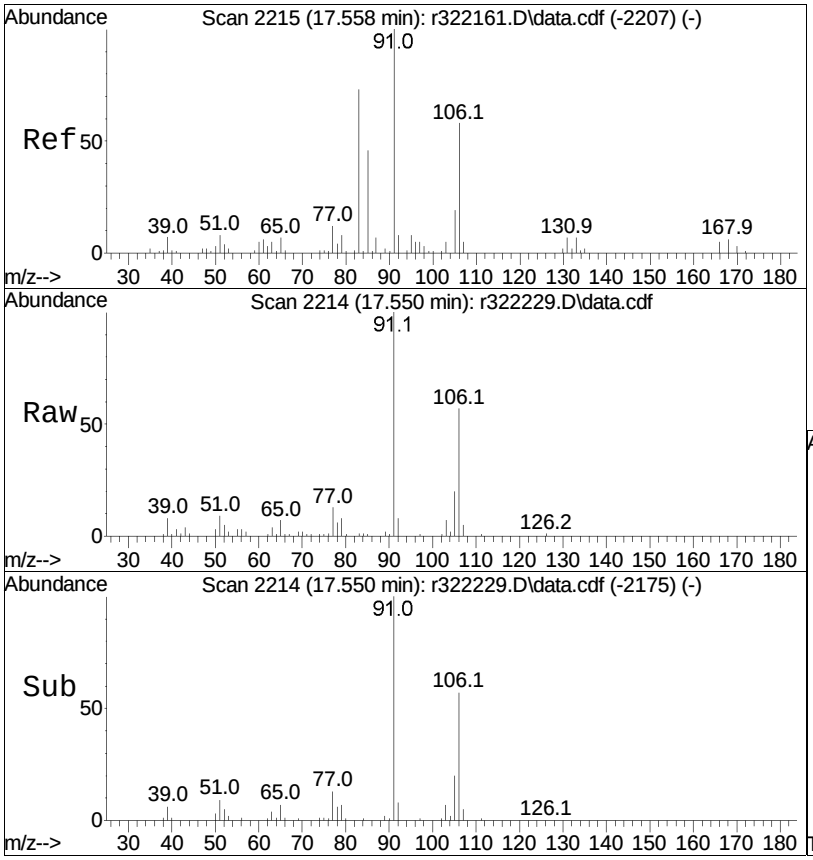


#85
styrene
Concen: 0.23 ppbV
RT: 17.458 min Scan# 2203
Delta R.T. 0.000 min
Lab File: r322229.D
Acq: 19 May 2022 6:57 PM

Tgt Ion:104 Resp: 16798

Ion	Ratio	Lower	Upper
104	100		
103	44.2	34.4	51.6
78	44.7	35.1	52.7

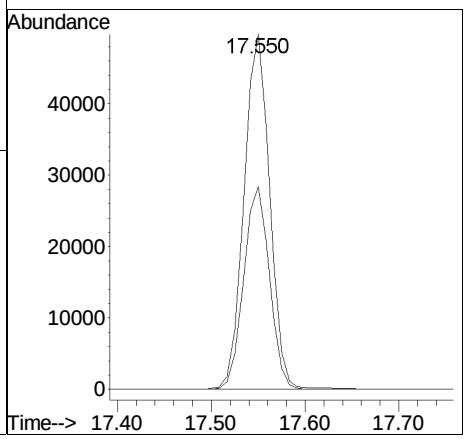


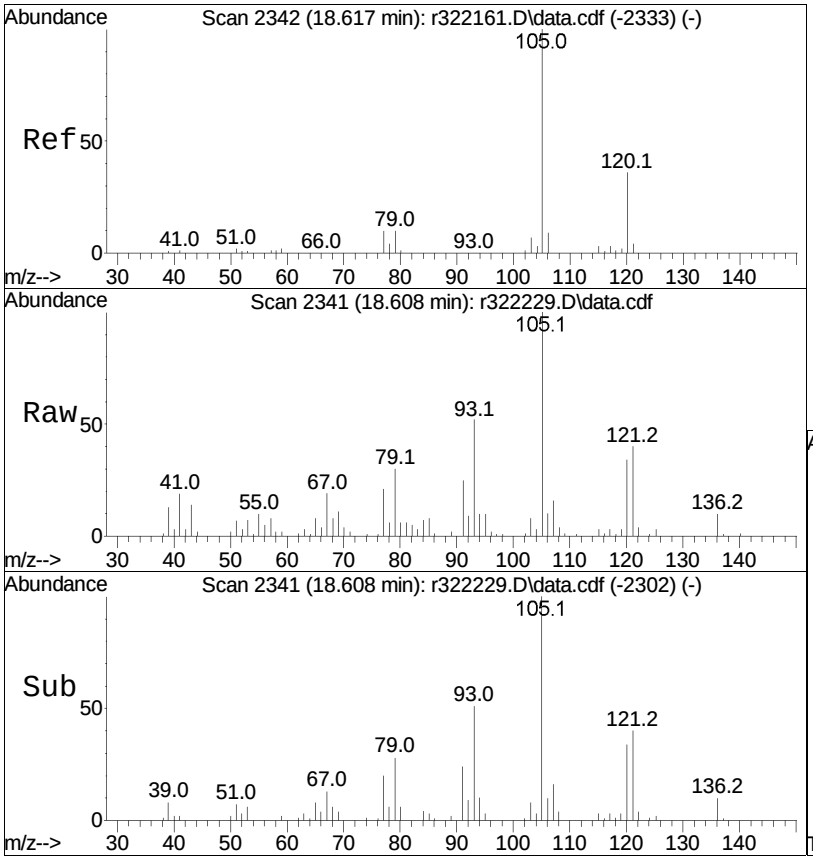


#87
o-xylene
Concen: 1.18 ppbV
RT: 17.550 min Scan# 2214
Delta R.T. -0.008 min
Lab File: r322229.D
Acq: 19 May 2022 6:57 PM

Tgt Ion: 91 Resp: 94982

Ion	Ratio	Lower	Upper
91	100		
106	57.1	46.4	69.6

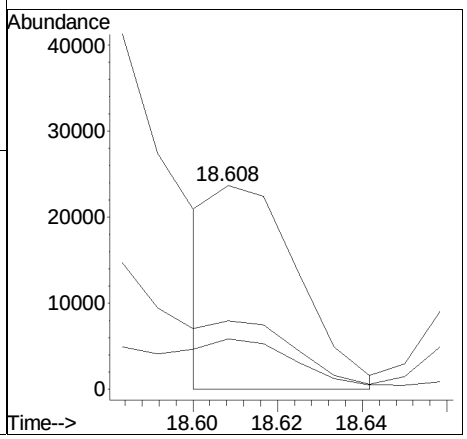


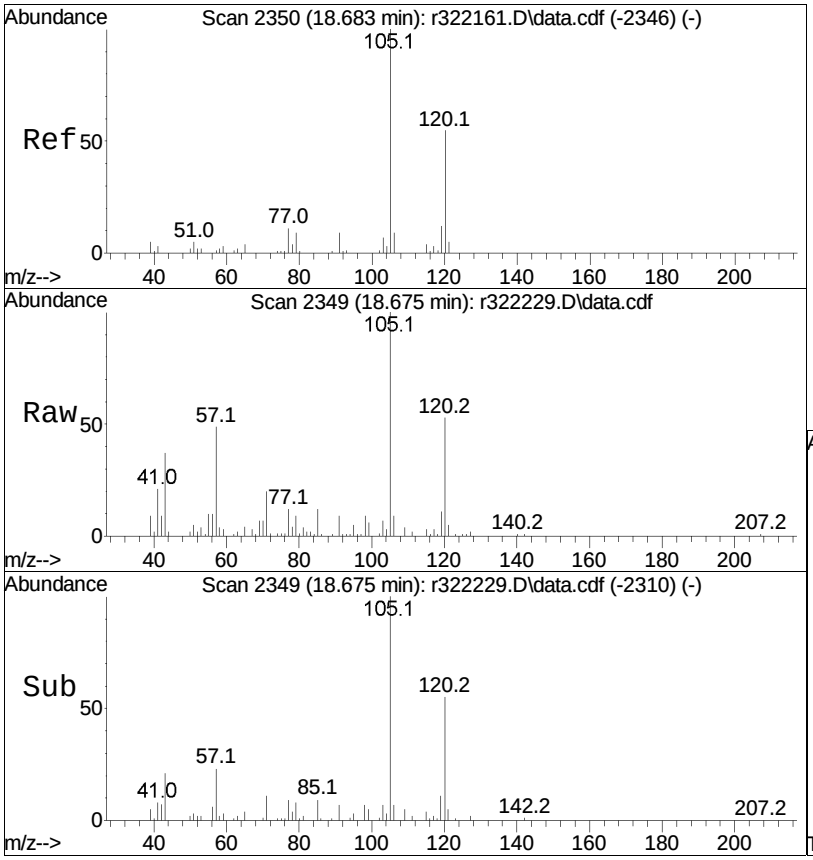


#96
4-ethyl toluene
Concen: 0.27 ppbV m
RT: 18.608 min Scan# 2341
Delta R.T. -0.008 min
Lab File: r322229.D
Acq: 19 May 2022 6:57 PM

Tgt Ion:105 Resp: 33060

Ion	Ratio	Lower	Upper
105	100		
120	33.6	28.6	42.8
91	24.8	7.4	11.2#

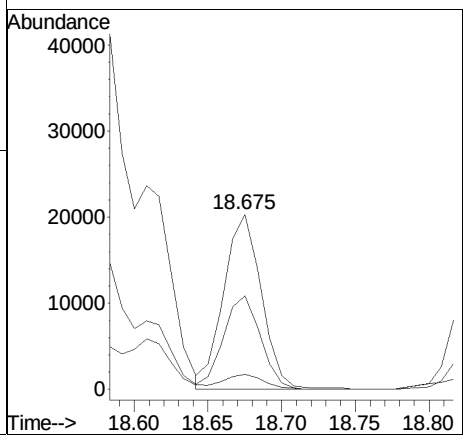


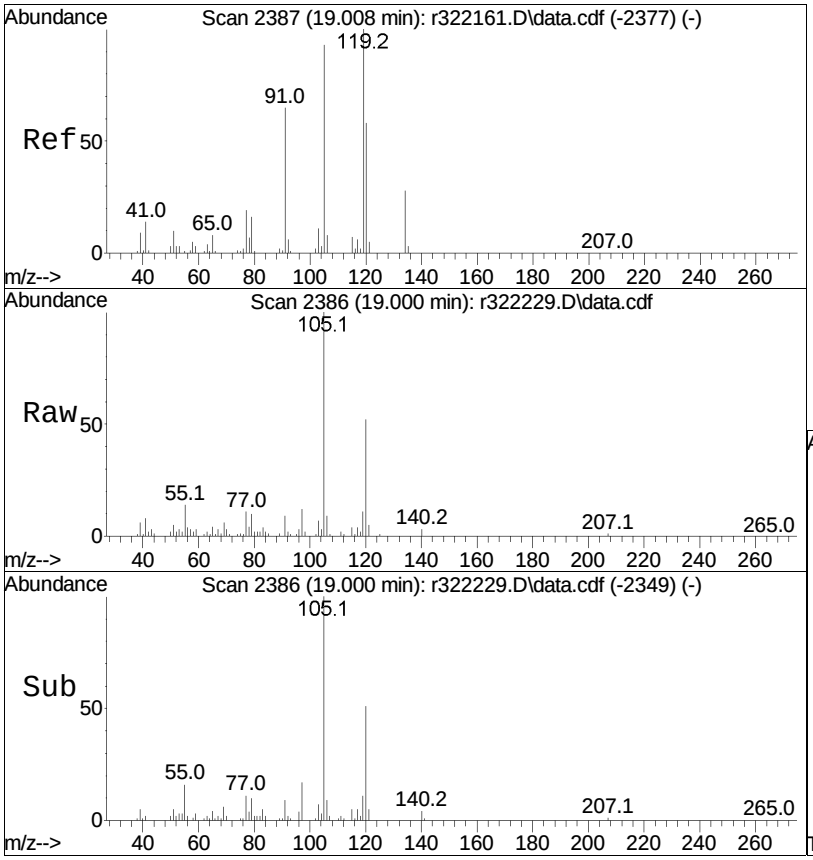


#97
1,3,5-trimethylbenzene
Concen: 0.32 ppbV
RT: 18.675 min Scan# 2349
Delta R.T. -0.008 min
Lab File: r322229.D
Acq: 19 May 2022 6:57 PM

Tgt Ion:105 Resp: 36373

Ion	Ratio	Lower	Upper
105	100		
120	53.5	43.7	65.5
91	8.6	7.0	10.4

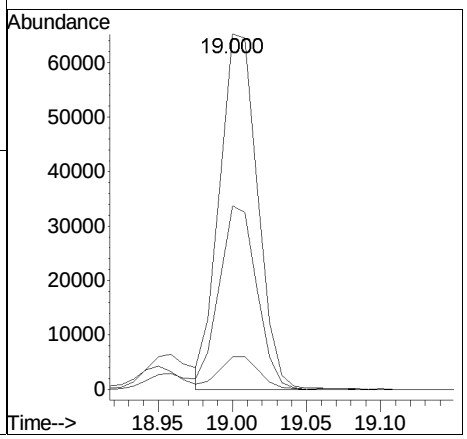


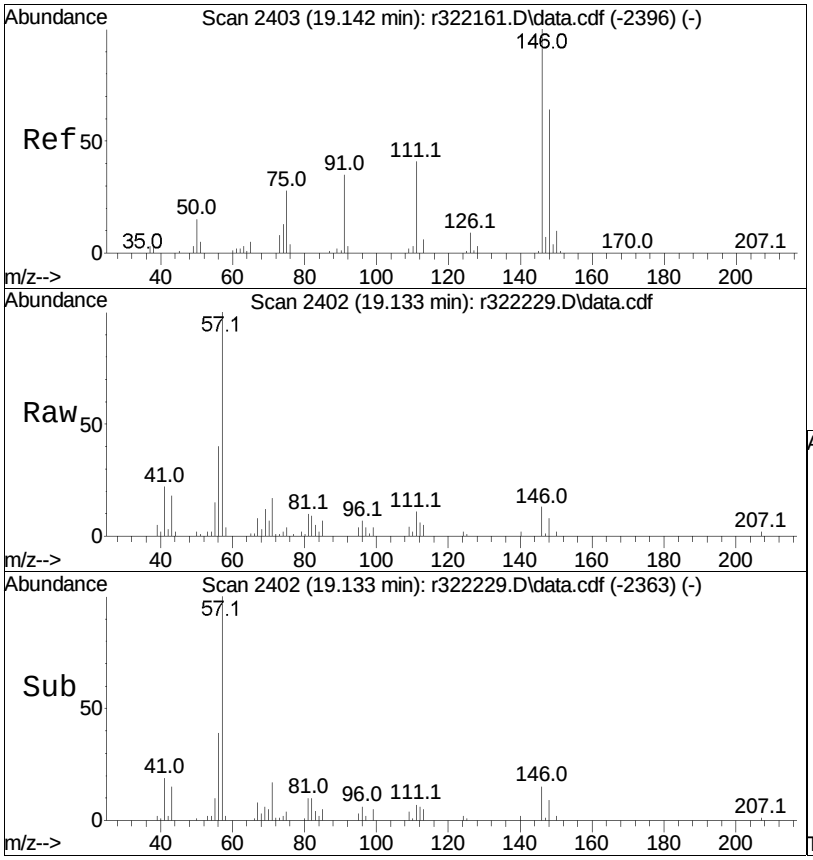


#99
1,2,4-trimethylbenzene
Concen: 1.19 ppbV m
RT: 19.000 min Scan# 2386
Delta R.T. -0.008 min
Lab File: r322229.D
Acq: 19 May 2022 6:57 PM

Tgt Ion:105 Resp: 117061

Ion	Ratio	Lower	Upper
105	100		
120	51.6	49.4	74.2
91	9.2	55.8	83.8#

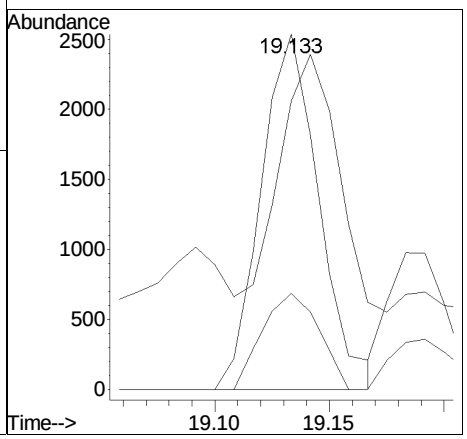




#102
1,3-dichlorobenzene
Concen: 0.06 ppbV
RT: 19.133 min Scan# 2402
Delta R.T. -0.008 min
Lab File: r322229.D
Acq: 19 May 2022 6:57 PM

Tgt Ion:146 Resp: 4458

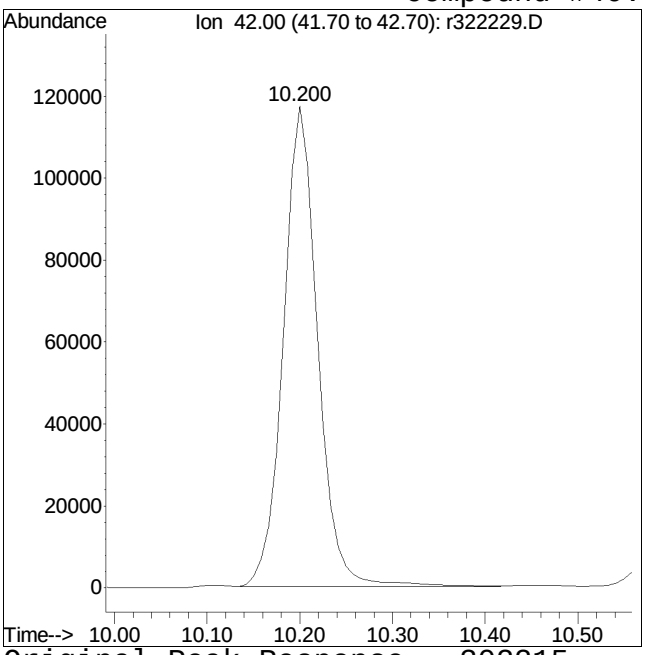
Ion	Ratio	Lower	Upper
146	100		
111	81.2	32.8	49.2#
75	27.0	22.2	33.2



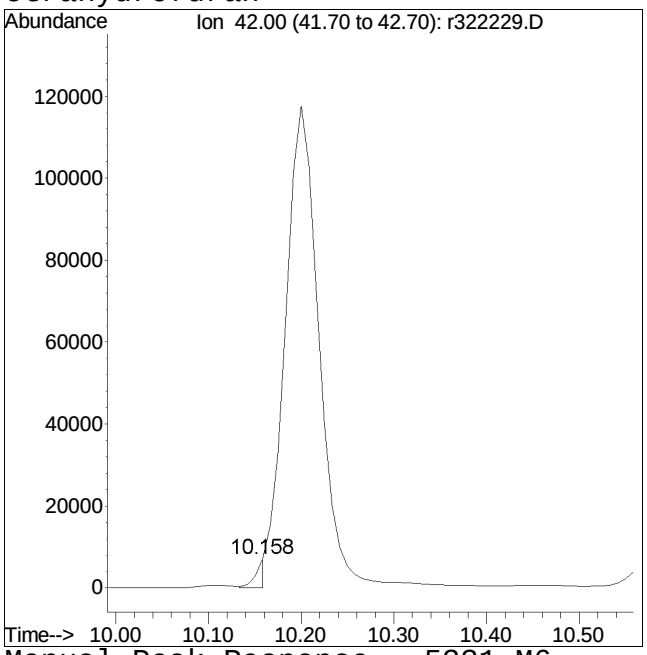
Manual Integration Report

Data Path : O:\Forensics\Data\AirpianoQMethod : TFS3_220516.M
Data File : r322229.D Operator : AIRPIANO3:TS
Date Inj'd : 5/19/2020 0:6: 7 Instrument :
Sample : L2225590-01,3,250,250 Quant Date : 5/19/2022 10:14 pm

Compound #40: Tetrahydrofuran



Original Peak Response = 302215



Manual Peak Response = 5331 M6

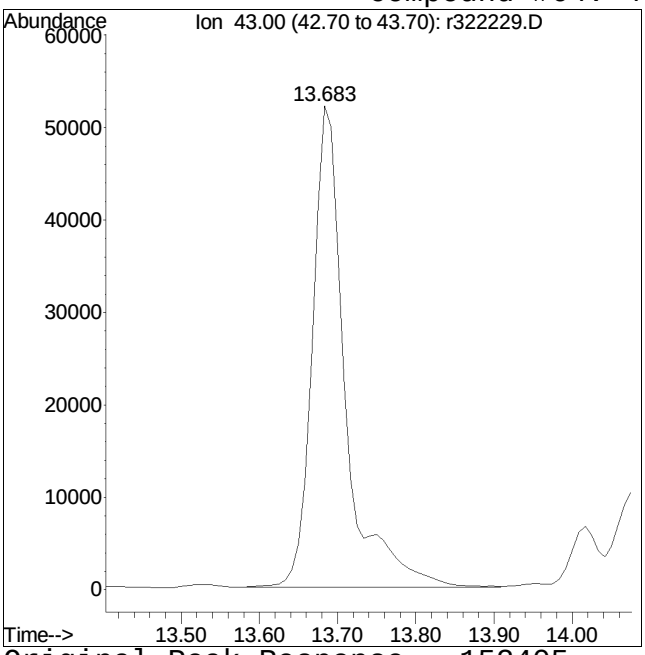
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

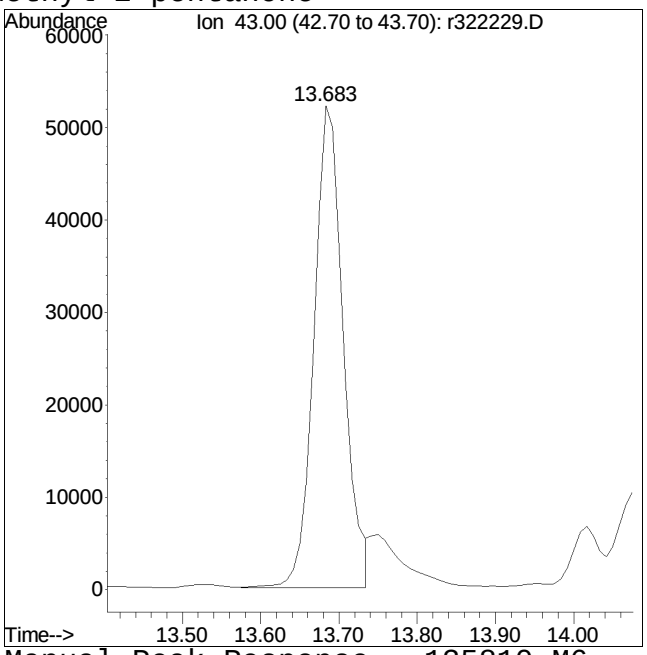
Data Path : O:\Forensics\Data\AirpianoQ
Data File : r322229.D
Date Inj'd : 5/19/2020 0:6: 7
Sample : L2225590-01,3,250,250

Method : TFS3_220516.M
Operator : AIRPIANO3:TS
Instrument :
Quant Date : 5/19/2022 10:14 pm

Compound #64: 4-methyl-2-pentanone



Original Peak Response = 152405



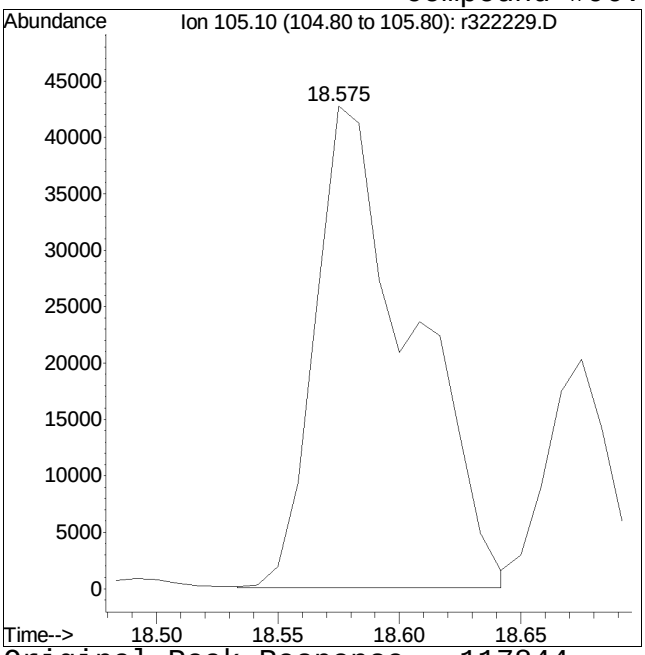
Manual Peak Response = 135810 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

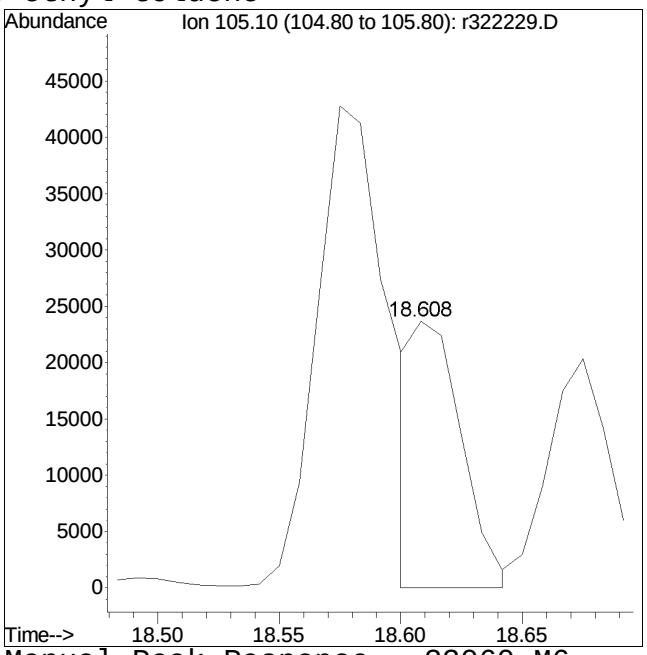
Manual Integration Report

Data Path : O:\Forensics\Data\AirpianoQMethod : TFS3_220516.M
Data File : r322229.D Operator : AIRPIANO3:TS
Date Inj'd : 5/19/2020 0:6: 7 Instrument :
Sample : L2225590-01,3,250,250 Quant Date : 5/19/2022 10:14 pm

Compound #96: 4-ethyl toluene



Original Peak Response = 117844



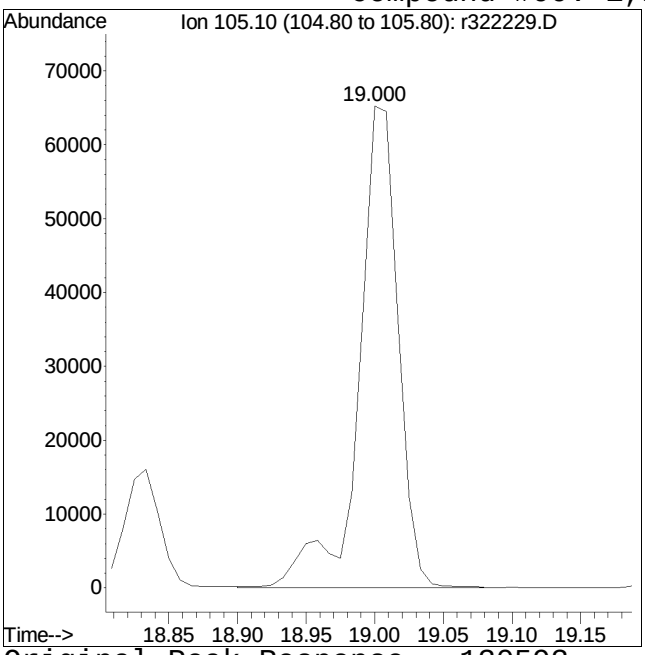
Manual Peak Response = 33060 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

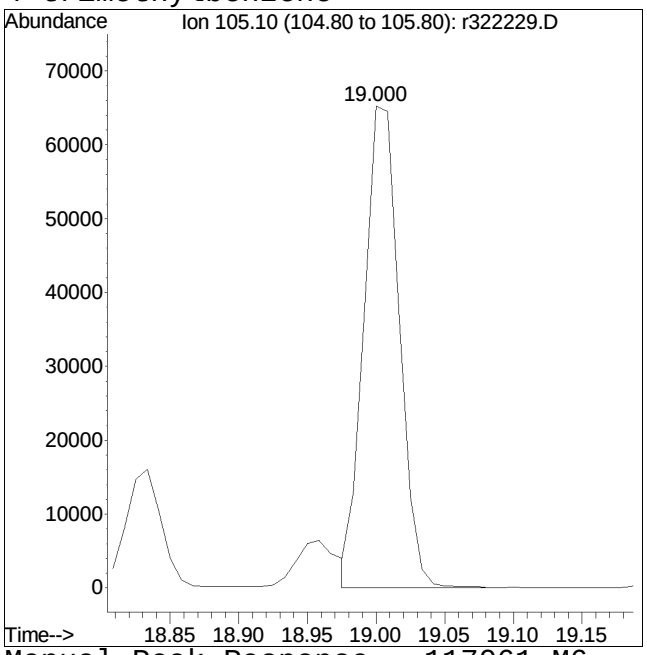
Manual Integration Report

Data Path : O:\Forensics\Data\AirpianoQMethod : TFS3_220516.M
Data File : r322229.D Operator : AIRPIANO3:TS
Date Inj'd : 5/19/2020 0:6: 7 Instrument :
Sample : L2225590-01,3,250,250 Quant Date : 5/19/2022 10:14 pm

Compound #99: 1,2,4-trimethylbenzene



Original Peak Response = 130593



Manual Peak Response = 117061 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0519T\
Data File : r322230.D
Acq On : 19 May 2022 7:37 PM
Operator : AIRPIANO3:TS
Sample : L2225590-02,3,250,250
Misc : WG1640711,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 20 13:23:47 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0519T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0519T\r322225.D
Sub List : TO15-NY - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.550	49	445150	10.000	ppbV	-0.02
Standard Area = 440035			Recovery = 101.16%			
43) 1,4-difluorobenzene	11.827	114	1384317	10.000	ppbV	-0.01
Standard Area = 1334123			Recovery = 103.76%			
67) chlorobenzene-D5	16.567	54	225028	10.000	ppbV	-0.02
Standard Area = 210666			Recovery = 106.82%			
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	3.946	85	24624	0.703	ppbV	100
6) chloromethane	4.126	50	2553	0.152	ppbV	96
7) Freon-114	4.258		0	N.D.		
9) vinyl chloride	4.390	62	2370	0.109	ppbV	94
10) 1,3-butadiene	4.552	54	2144	0.122	ppbV	89
13) bromomethane	0.000		0	N.D.		
14) chloroethane	5.092		0	N.D.		
15) ethanol	5.267	31	2781065	162.612	ppbV	96
17) vinyl bromide	0.000		0	N.D.		
19) acetone	5.827	43	3412852M6	139.948	ppbV	
21) trichlorofluoromethane	6.043	101	14954	0.470	ppbV	100
22) isopropyl alcohol	6.163	45	1259372	42.917	ppbV	99
26) 1,1-dichloroethene	0.000		0	N.D.	d	
27) tertiary butyl alcohol	6.896	59	409627	11.219	ppbV	99
28) methylene chloride	6.986	49	2418	0.087	ppbV	98
29) 3-chloropropene	0.000		0	N.D.	d	
30) carbon disulfide	7.280	76	66473	1.044	ppbV #	83
31) Freon 113	7.322	101	3167	0.089	ppbV	95
32) trans-1,2-dichloroethene	0.000		0	N.D.		
33) 1,1-dichloroethane	8.433		0	N.D.		
34) MTBE	0.000		0	N.D.	d	
36) 2-butanone	8.833	43	909944	20.521	ppbV	100
37) cis-1,2-dichloroethene	9.358		0	N.D.		
38) Ethyl Acetate	9.675	61	765	0.106	ppbV	91
39) chloroform	9.717	83	2098	0.060	ppbV #	89
40) Tetrahydrofuran	10.158	42	3634M6	0.142	ppbV	
42) 1,2-dichloroethane	10.567		0	N.D.		

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0519T\
Data File : r322230.D
Acq On : 19 May 2022 7:37 PM
Operator : AIRPIANO3:TS
Sample : L2225590-02,3,250,250
Misc : WG1640711,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 20 13:23:47 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0519T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0519T\r322225.D
Sub List : TO15-NY - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) hexane	9.625	57	312856	7.928	ppbV #	42
48) 1,1,1-trichloroethane	10.858		0	N.D.		
50) benzene	11.387	78	1343506	16.579	ppbV	100
52) carbon tetrachloride	11.560	117	1426	0.051	ppbV	96
53) cyclohexane	11.707	56	176759	4.307	ppbV	97
56) 1,2-dichloropropane	12.473		0	N.D.		
57) bromodichloromethane	0.000		0	N.D.	d	
58) 1,4-dioxane	12.640	88	2820	0.170	ppbV #	63
59) trichloroethene	12.627	130	330773	10.601	ppbV	99
60) 2,2,4-trimethylpentane	0.000		0	N.D.	d	
62) heptane	12.993	43	272143	5.984	ppbV	98
63) cis-1,3-dichloropropene	13.742		0	N.D.		
64) 4-methyl-2-pentanone	13.683	43	138447M6	2.657	ppbV	
65) trans-1,3-dichloropropene	0.000		0	N.D.		
66) 1,1,2-trichloroethane	0.000		0	N.D.	d	
68) toluene	14.783	91	845612	10.003	ppbV	100
72) 2-hexanone	15.067	43	154383M6	3.035	ppbV	
74) dibromochloromethane	0.000		0	N.D.		
75) 1,2-dibromoethane	0.000		0	N.D.		
78) tetrachloroethene	15.950	166	2927542	71.484	ppbV	97
80) chlorobenzene	0.000		0	N.D.	d	
81) ethylbenzene	16.967	91	143102	1.411	ppbV	100
83) m+p-xylene	17.117	91	399725	4.824	ppbV	99
84) bromoform	0.000		0	N.D.		
85) styrene	17.450	104	14047	0.191	ppbV	98
86) 1,1,2,2-tetrachloroethane	0.000		0	N.D.	d	
87) o-xylene	17.550	91	147897	1.791	ppbV	100
96) 4-ethyl toluene	18.608	105	32863M6	0.261	ppbV	
97) 1,3,5-trimethylbenzene	18.675	105	52715	0.458	ppbV	98
99) 1,2,4-trimethylbenzene	19.000	105	127606M6	1.265	ppbV	
101) Benzyl Chloride	0.000		0	N.D.	d	
102) 1,3-dichlorobenzene	19.133		0	N.D.		
103) 1,4-dichlorobenzene	19.183		0	N.D.		
107) 1,2-dichlorobenzene	0.000		0	N.D.		
115) 1,2,4-trichlorobenzene	20.942		0	N.D.		
119) hexachlorobutadiene	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0519T\
Data File : r322230.D
Acq On : 19 May 2022 7:37 PM
Operator : AIRPIANO3:TS
Sample : L2225590-02,3,250,250
Misc : WG1640711,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 20 13:23:47 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0519T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

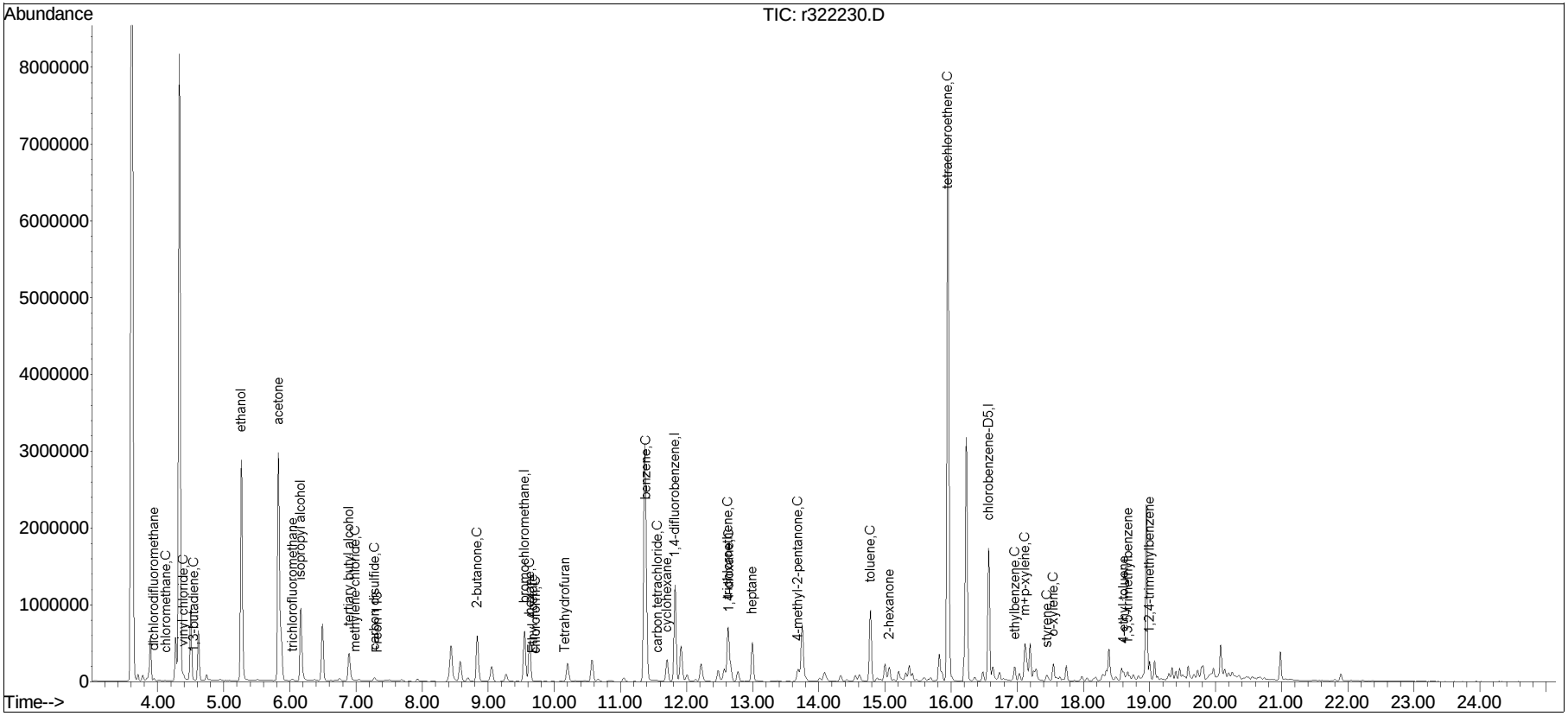
CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0519T\r322225.D
Sub List : TO15-NY - .

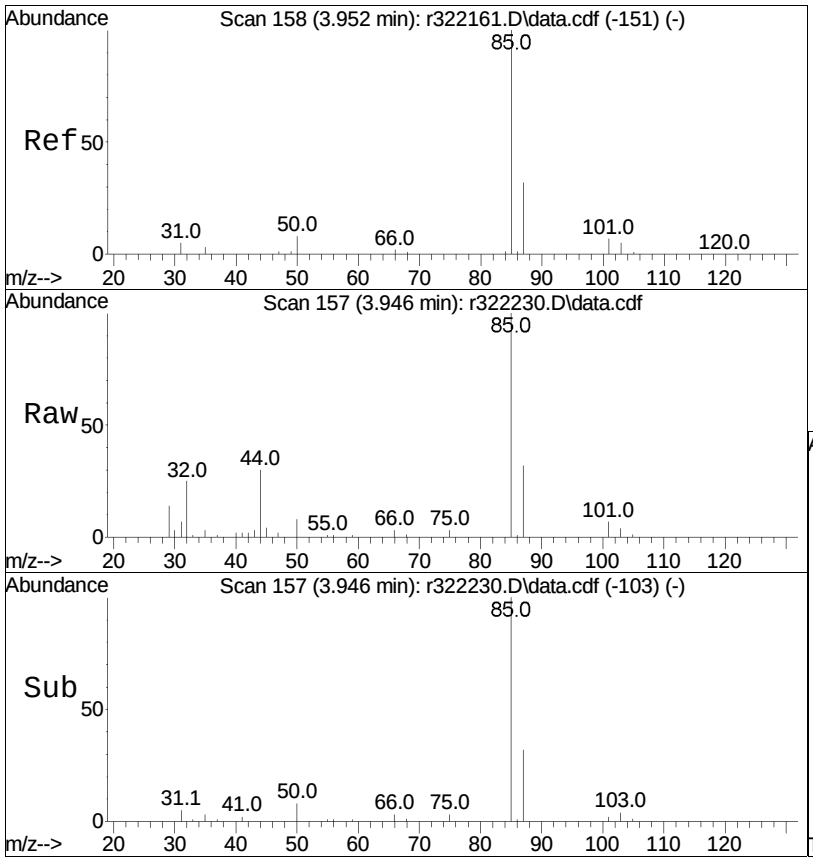
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Sub List : TO15-NY - .s\Data\Airpiano3\2022\05\0519T\r322225.D

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0519T\
Data File : r322230.D
Acq On : 19 May 2022 7:37 PM
Operator : AIRPIANO3:TS
Sample : L2225590-02,3,250,250
Misc : WG1640711,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 20 13:23:47 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0519T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

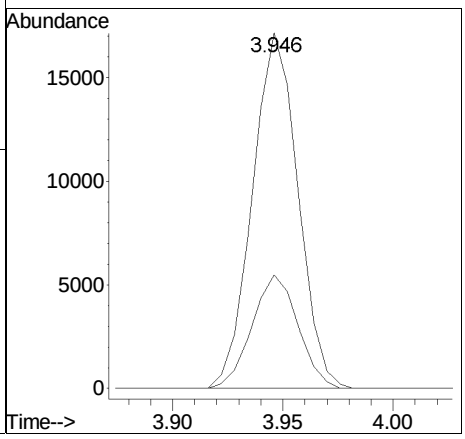


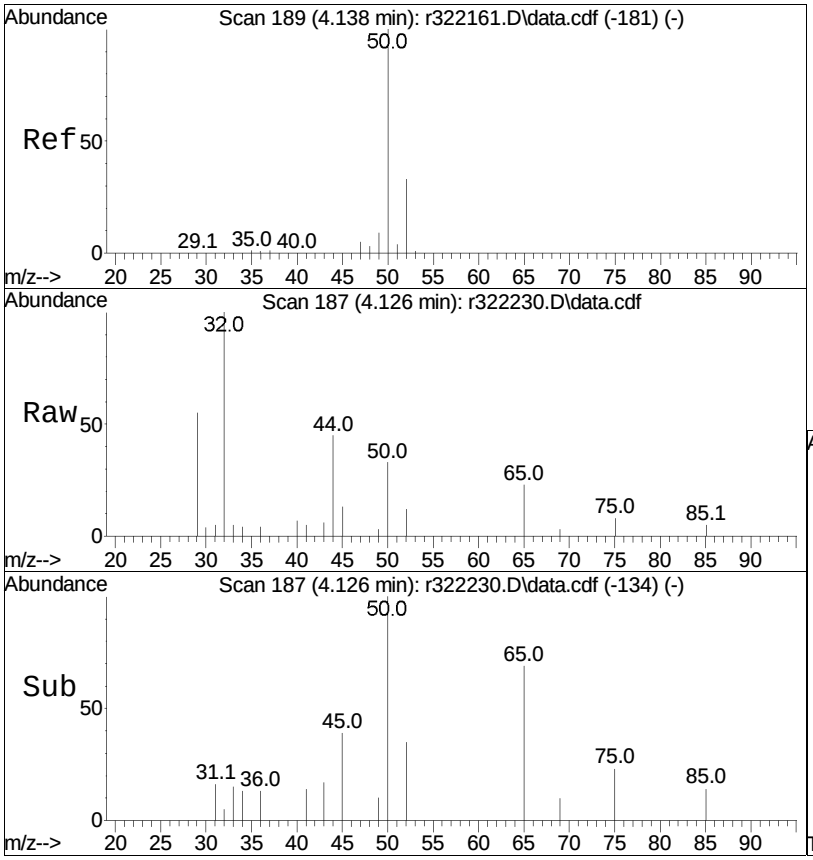


#5
dichlorodifluoromethane
Concen: 0.70 ppbV
RT: 3.946 min Scan# 157
Delta R.T. -0.006 min
Lab File: r322230.D
Acq: 19 May 2022 7:37 PM

Tgt Ion: 85 Resp: 24624

Ion	Ratio	Lower	Upper
85	100		
87	32.0	25.8	38.6

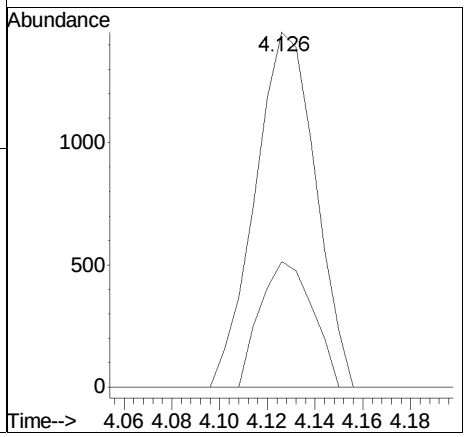


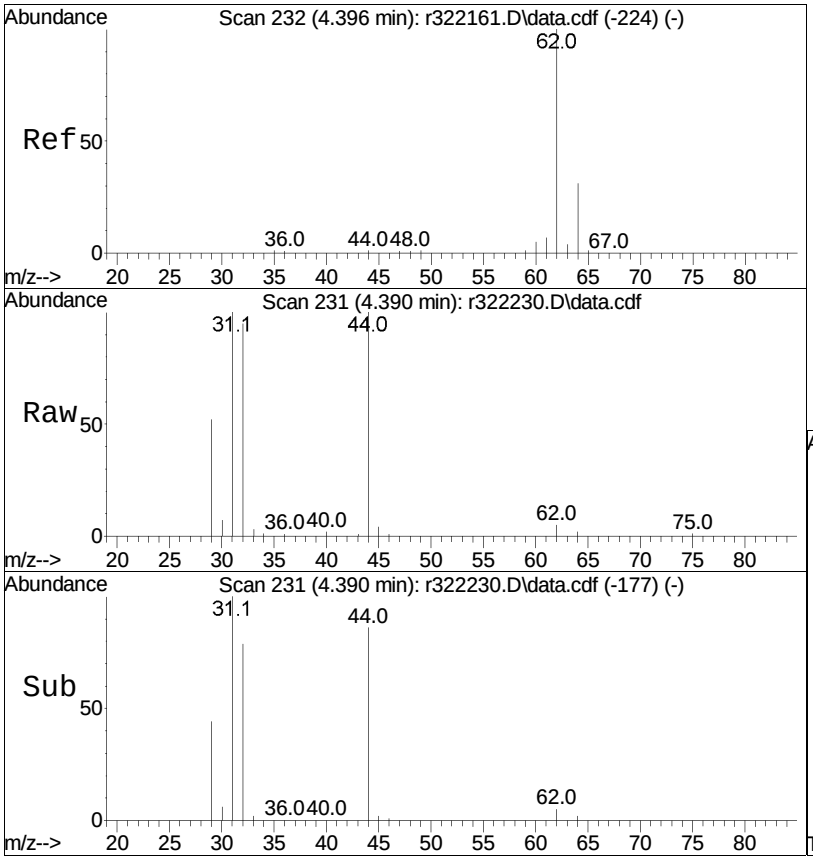


#6
chloromethane
Concen: 0.15 ppbV
RT: 4.126 min Scan# 187
Delta R.T. -0.012 min
Lab File: r322230.D
Acq: 19 May 2022 7:37 PM

Tgt Ion: 50 Resp: 2553

Ion	Ratio	Lower	Upper
50	100		
52	35.4	26.3	39.5

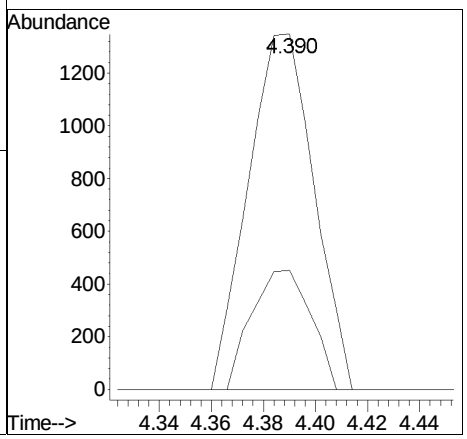


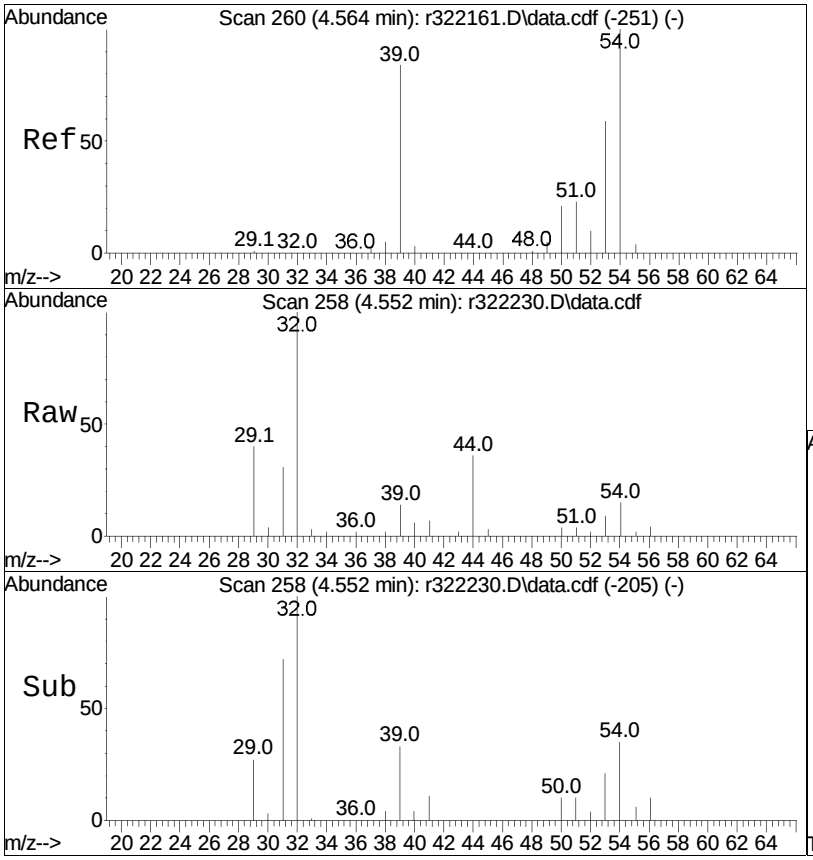


#9
vinyl chloride
Concen: 0.11 ppbV
RT: 4.390 min Scan# 231
Delta R.T. -0.006 min
Lab File: r322230.D
Acq: 19 May 2022 7:37 PM

Tgt Ion: 62 Resp: 2370

Ion	Ratio	Lower	Upper
62	100		
64	33.5	24.4	36.6

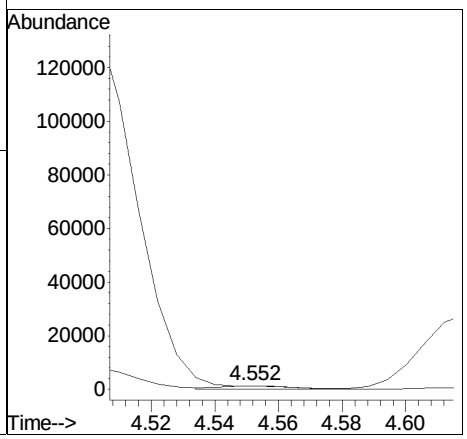


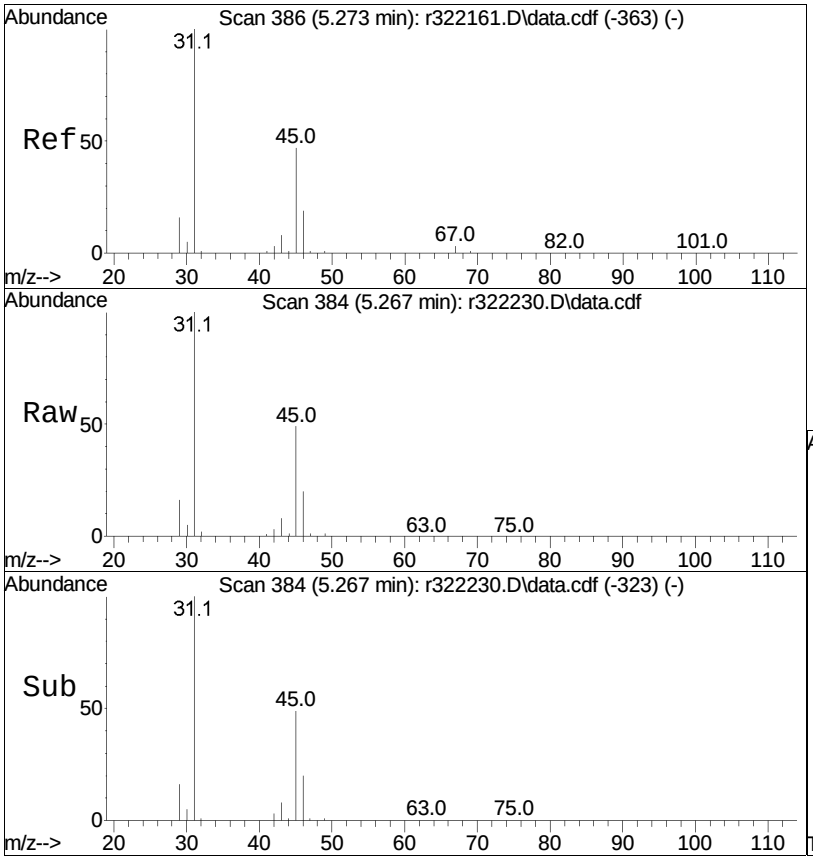


#10
1,3-butadiene
Concen: 0.12 ppbV
RT: 4.552 min Scan# 258
Delta R.T. -0.012 min
Lab File: r322230.D
Acq: 19 May 2022 7:37 PM

Tgt Ion: 54 Resp: 2144

Ion	Ratio	Lower	Upper
54	100		
39	94.4	67.8	101.8

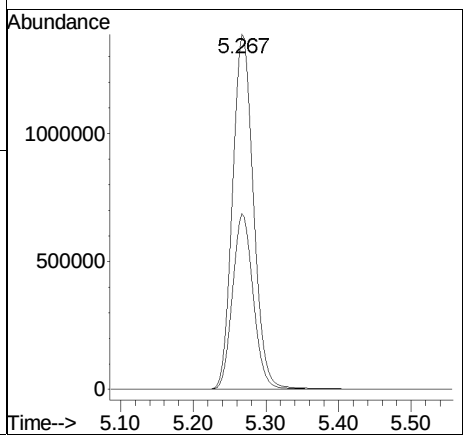


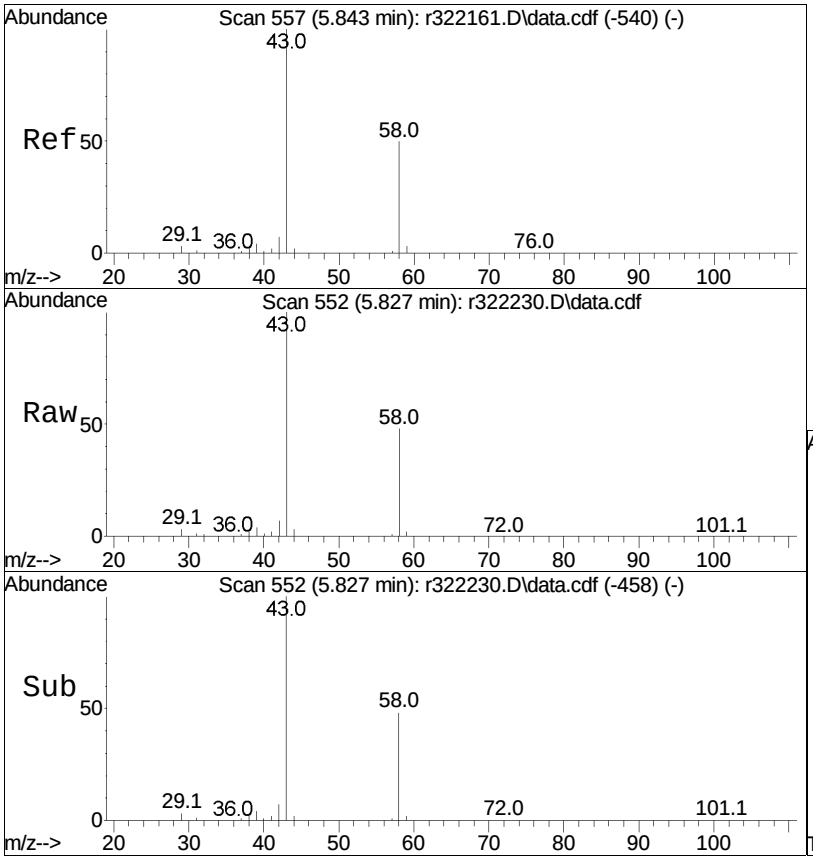


#15
ethanol
Concen: 162.61 ppbV
RT: 5.267 min Scan# 384
Delta R.T. -0.007 min
Lab File: r322230.D
Acq: 19 May 2022 7:37 PM

Tgt Ion: 31 Resp: 2781065

Ion	Ratio	Lower	Upper
31	100		
45	49.5	37.6	56.4

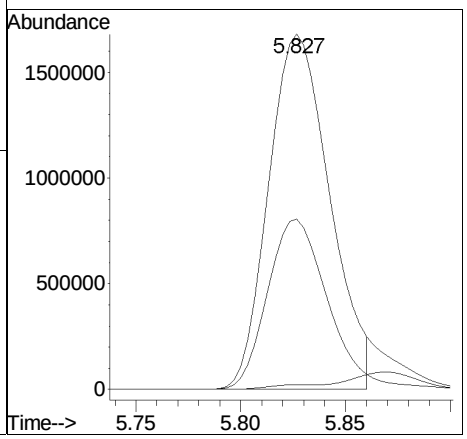


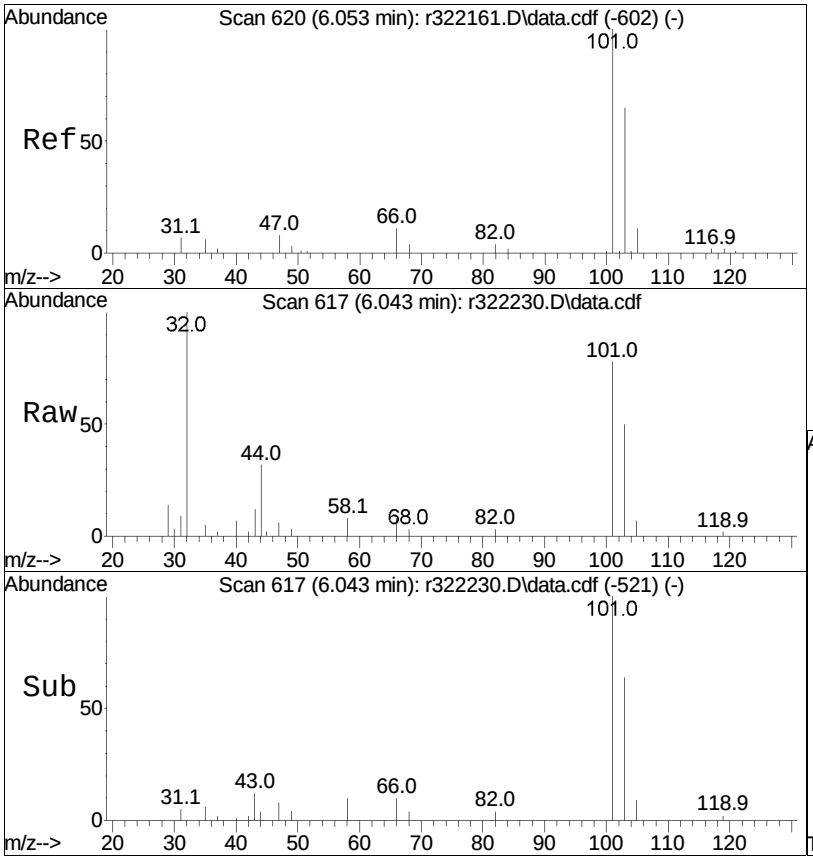


#19
acetone
Concen: 139.95 ppbV m
RT: 5.827 min Scan# 552
Delta R.T. -0.017 min
Lab File: r322230.D
Acq: 19 May 2022 7:37 PM

Tgt Ion: 43 Resp: 3412852

Ion	Ratio	Lower	Upper
43	100		
58	47.9	39.8	59.8
57	1.3	1.0	1.6

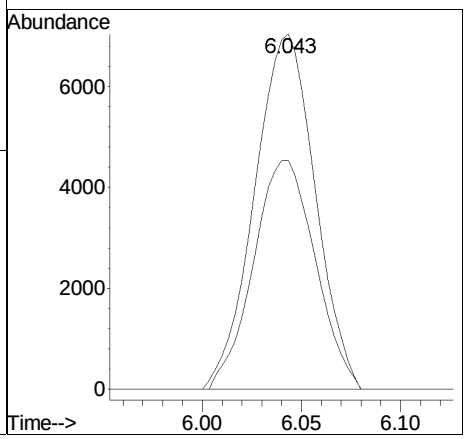


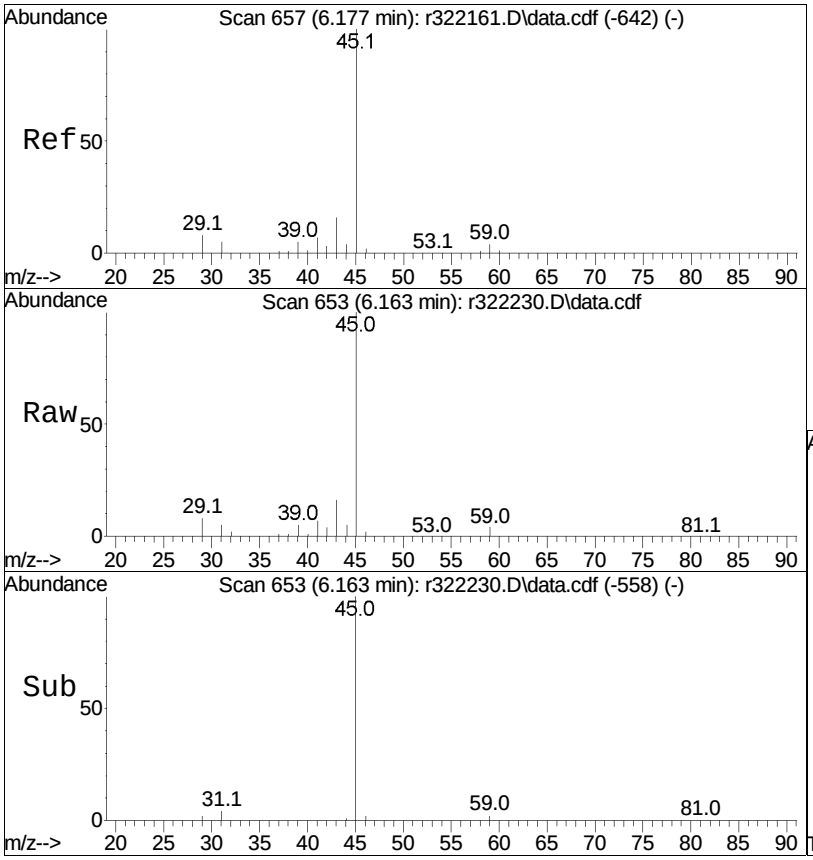


#21
trichlorofluoromethane
Concen: 0.47 ppbV
RT: 6.043 min Scan# 617
Delta R.T. -0.010 min
Lab File: r322230.D
Acq: 19 May 2022 7:37 PM

Tgt Ion:101 Resp: 14954

Ion	Ratio	Lower	Upper
101	100		
103	64.5	51.8	77.6

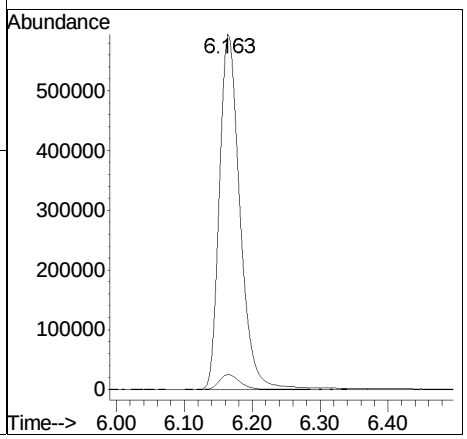


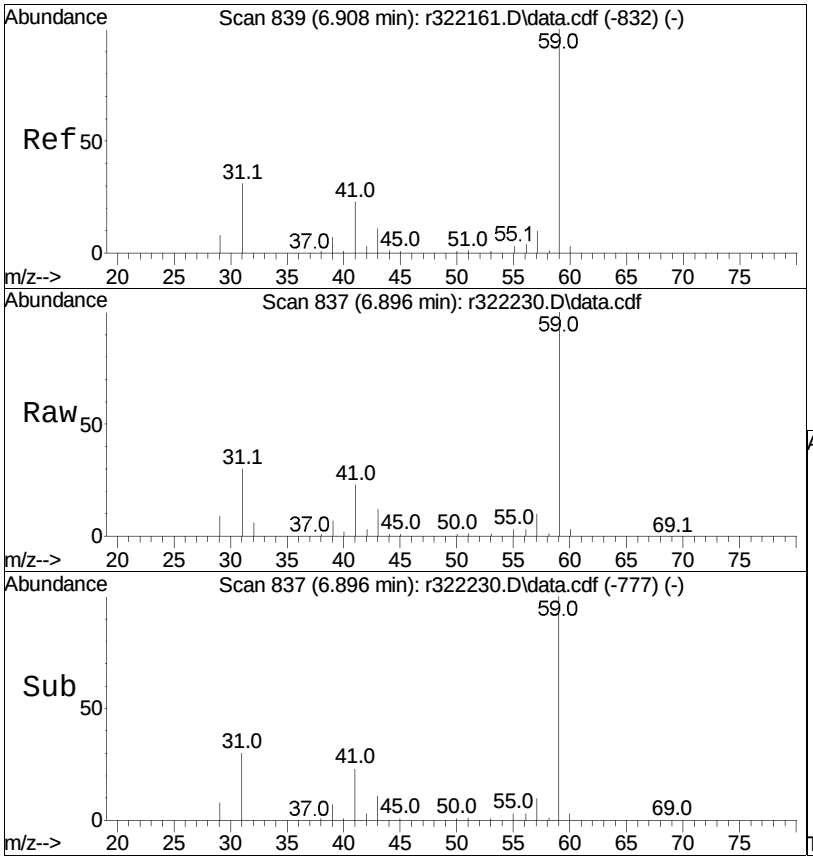


#22
isopropyl alcohol
Concen: 42.92 ppbV
RT: 6.163 min Scan# 653
Delta R.T. -0.013 min
Lab File: r322230.D
Acq: 19 May 2022 7:37 PM

Tgt Ion: 45 Resp: 1259372

Ion	Ratio	Lower	Upper
45	100		
59	4.2	3.5	5.3

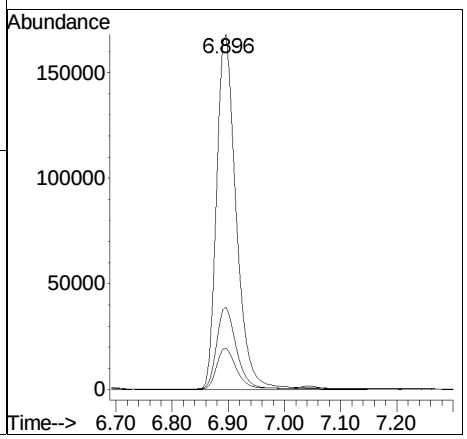


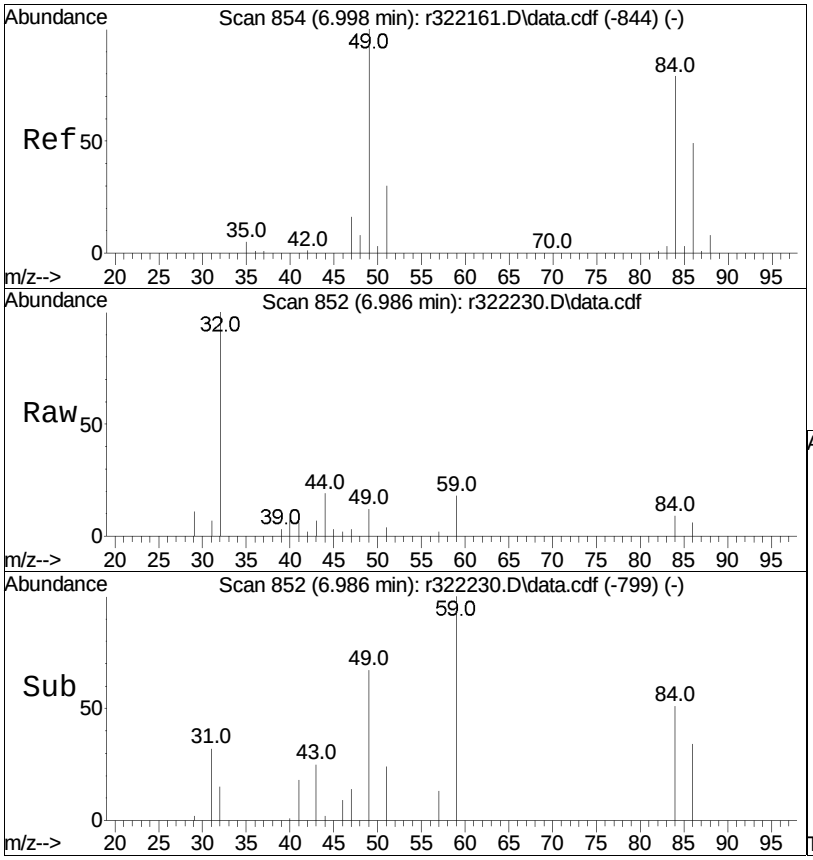


#27
tertiary butyl alcohol
Concen: 11.22 ppbV
RT: 6.896 min Scan# 837
Delta R.T. -0.012 min
Lab File: r322230.D
Acq: 19 May 2022 7:37 PM

Tgt Ion: 59 Resp: 409627

Ion	Ratio	Lower	Upper
59	100		
41	23.2	18.2	27.2
43	11.6	8.9	13.3

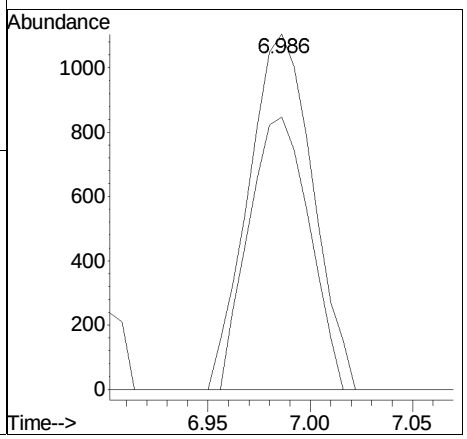


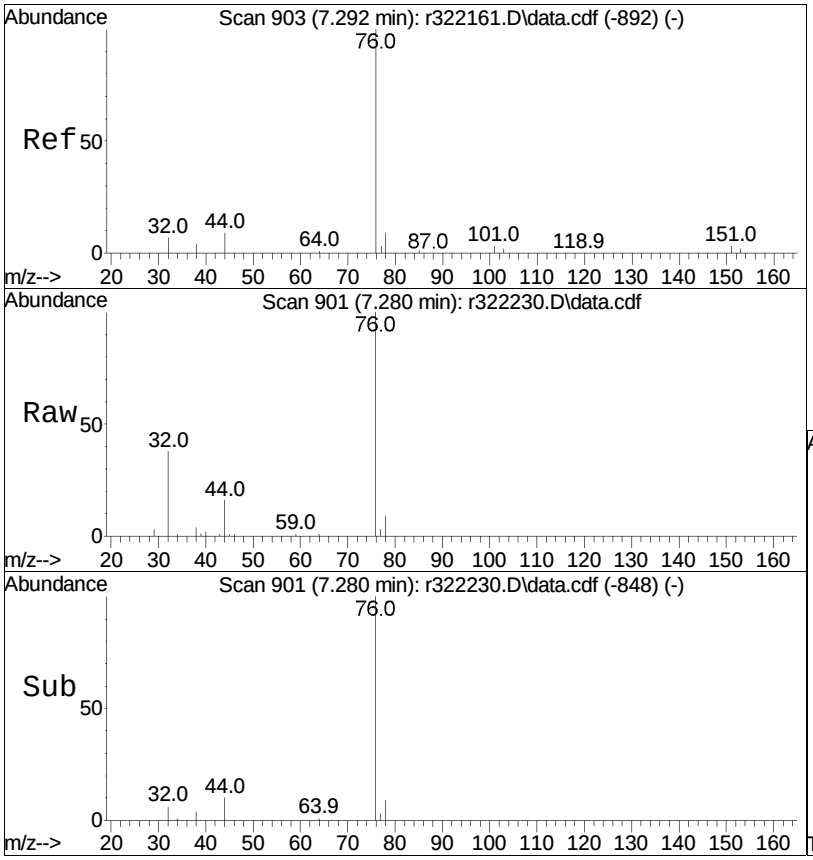


#28
methylene chloride
Concen: 0.09 ppbV
RT: 6.986 min Scan# 852
Delta R.T. -0.012 min
Lab File: r322230.D
Acq: 19 May 2022 7:37 PM

Tgt Ion: 49 Resp: 2418

Ion	Ratio	Lower	Upper
49	100		
84	76.7	63.0	94.6

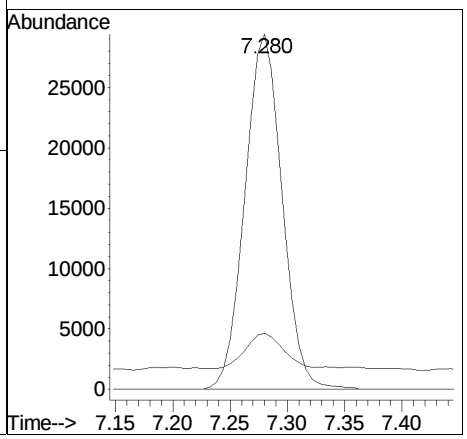


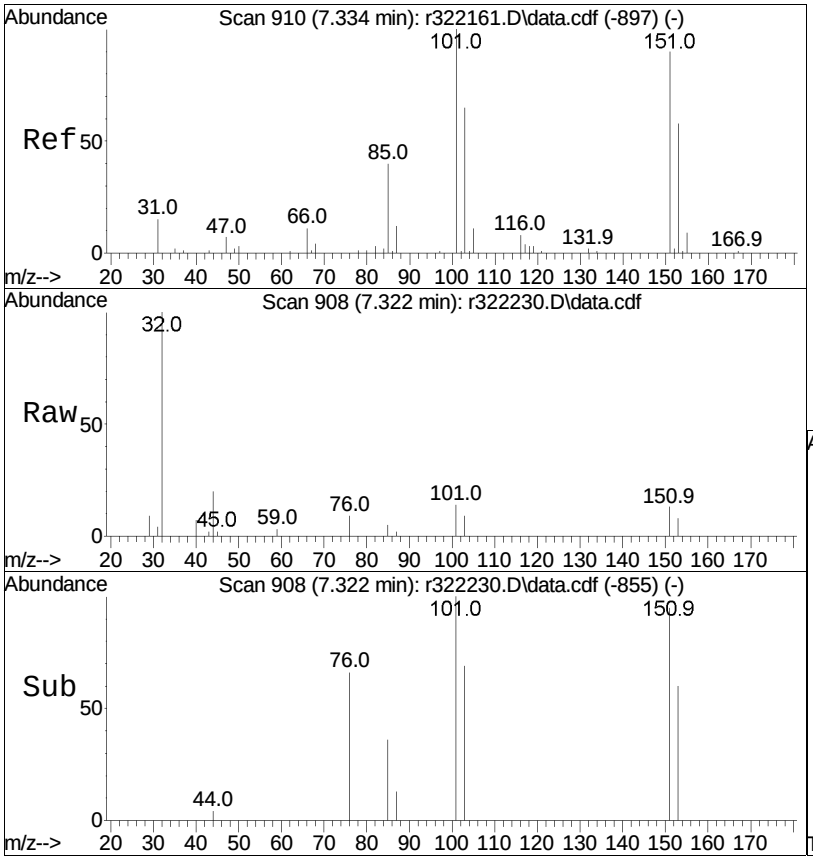


#30
carbon disulfide
Concen: 1.04 ppbV
RT: 7.280 min Scan# 901
Delta R.T. -0.012 min
Lab File: r322230.D
Acq: 19 May 2022 7:37 PM

Tgt Ion: 76 Resp: 66473

Ion	Ratio	Lower	Upper
76	100		
44	15.8	7.6	11.4#

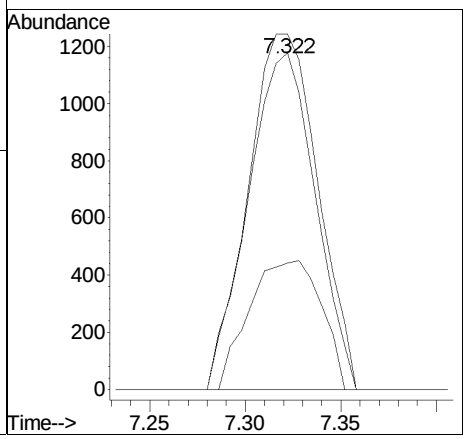


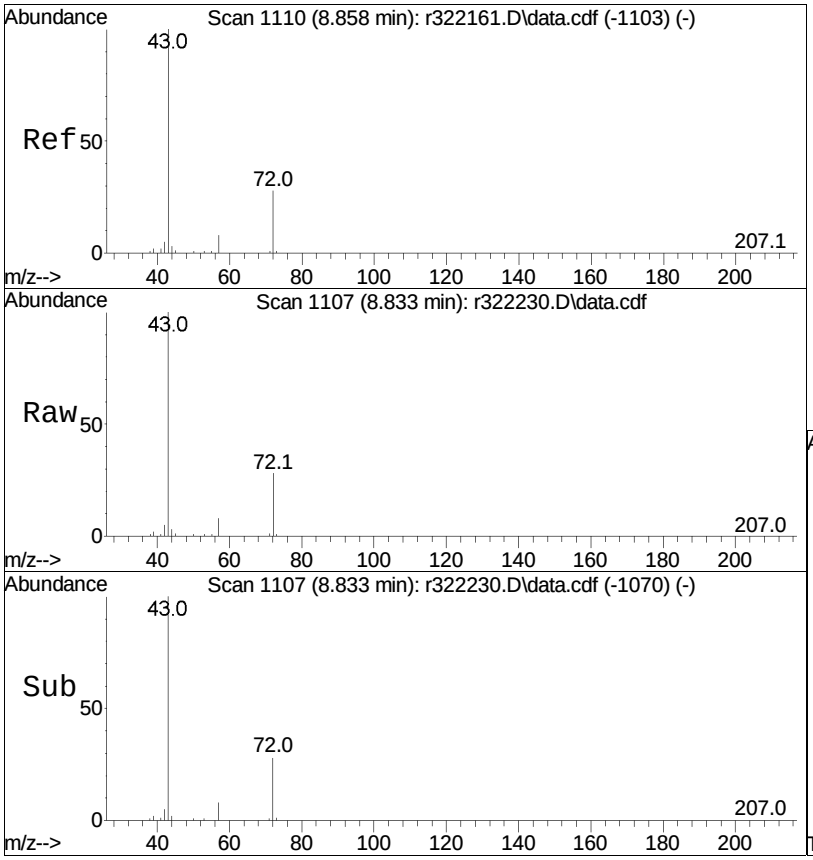


#31
Freon 113
Concen: 0.09 ppbV
RT: 7.322 min Scan# 908
Delta R.T. -0.012 min
Lab File: r322230.D
Acq: 19 May 2022 7:37 PM

Tgt Ion:101 Resp: 3167

Ion	Ratio	Lower	Upper
101	100		
85	35.6	31.8	47.8
151	94.7	72.2	108.4

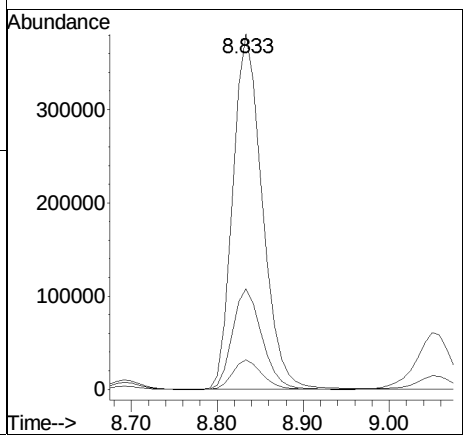


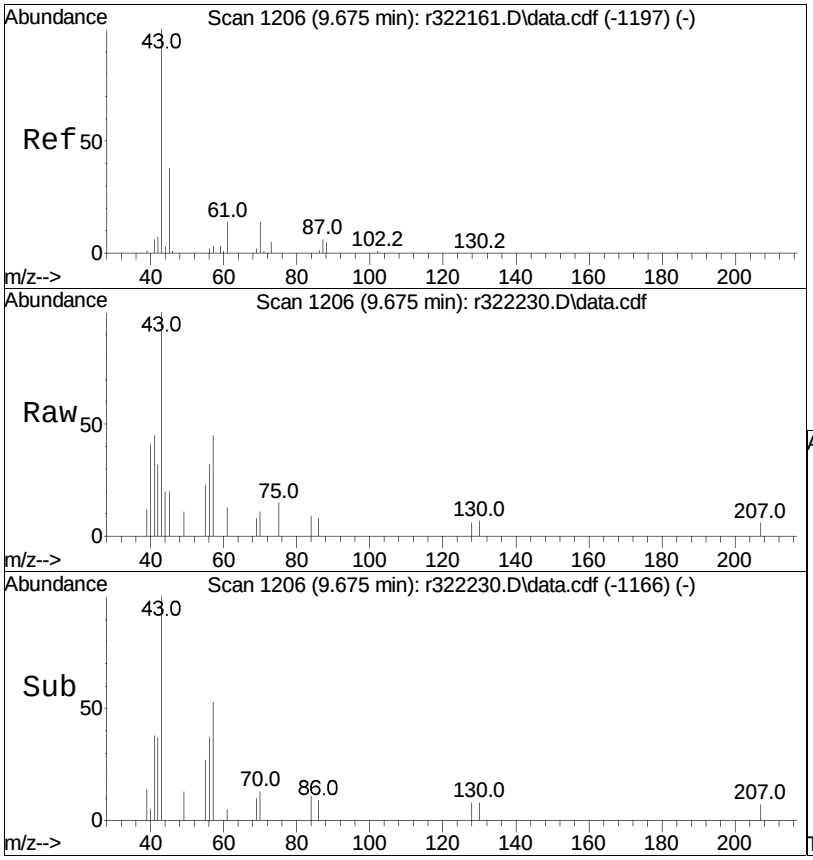


#36
2-butanone
Concen: 20.52 ppbV
RT: 8.833 min Scan# 1107
Delta R.T. -0.025 min
Lab File: r322230.D
Acq: 19 May 2022 7:37 PM

Tgt Ion: 43 Resp: 909944

Ion	Ratio	Lower	Upper
43	100		
72	28.3	22.6	33.8
57	8.3	6.6	10.0

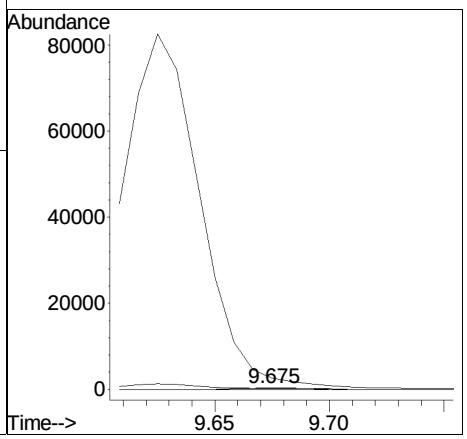


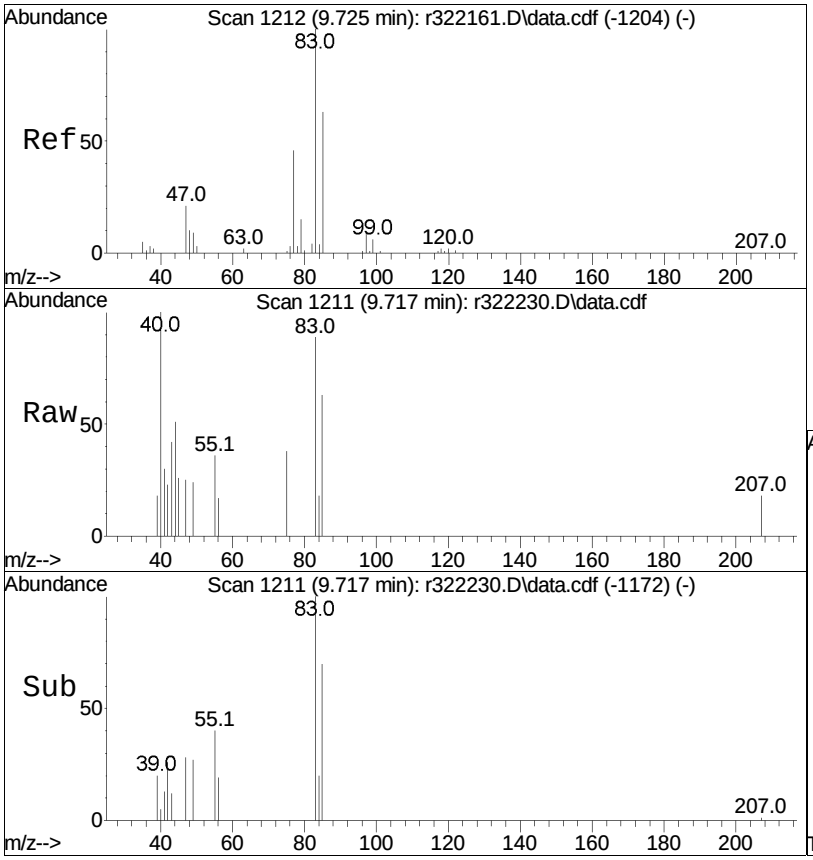


#38
Ethyl Acetate
Concen: 0.11 ppbV
RT: 9.675 min Scan# 1206
Delta R.T. 0.000 min
Lab File: r322230.D
Acq: 19 May 2022 7:37 PM

Tgt Ion: 61 Resp: 765

Ion	Ratio	Lower	Upper
61	100		
70	86.4	78.8	118.2
43	774.0	593.4	890.0

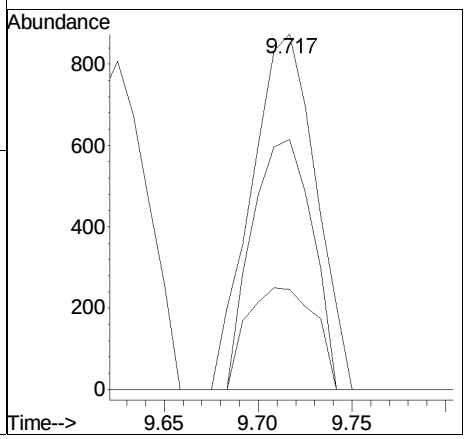


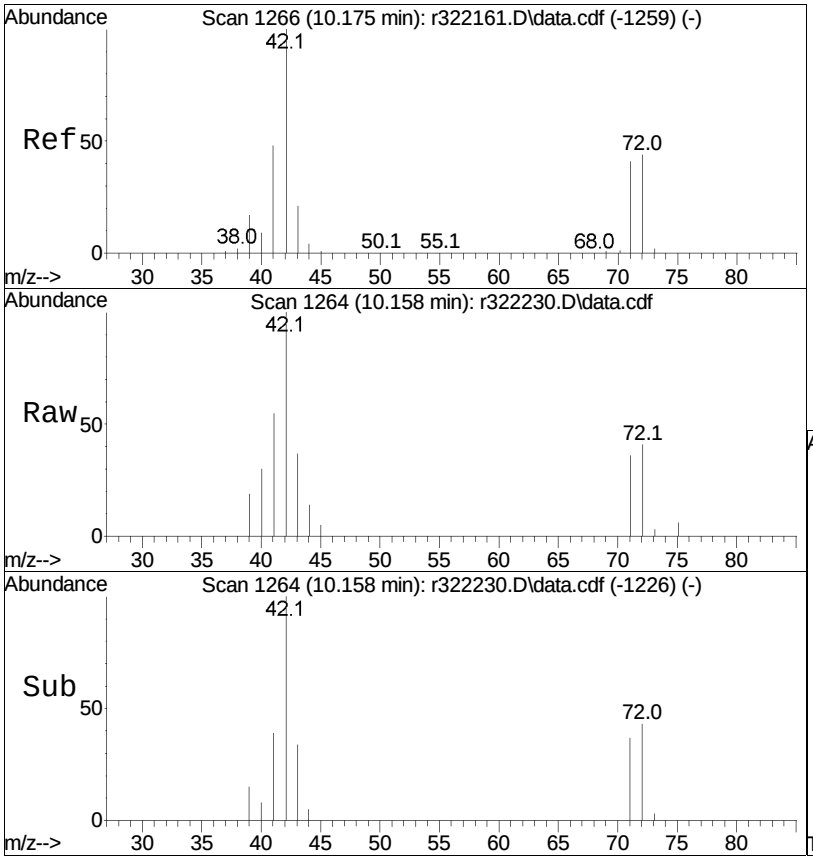


#39
chloroform
Concen: 0.06 ppbV
RT: 9.717 min Scan# 1211
Delta R.T. -0.008 min
Lab File: r322230.D
Acq: 19 May 2022 7:37 PM

Tgt Ion: 83 Resp: 2098

Ion	Ratio	Lower	Upper
83	100		
85	70.4	50.4	75.6
47	28.1	16.9	25.3#

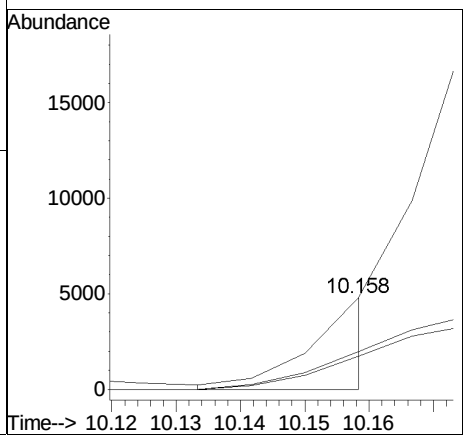


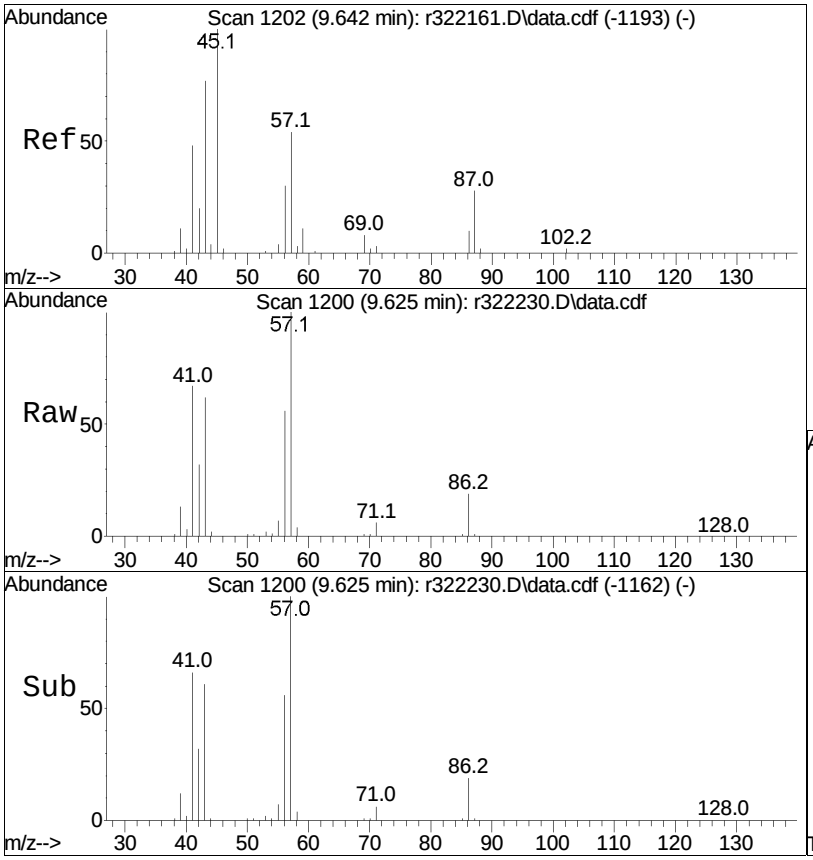


#40
Tetrahydrofuran
Concen: 0.14 ppbV m
RT: 10.158 min Scan# 1264
Delta R.T. -0.017 min
Lab File: r322230.D
Acq: 19 May 2022 7:37 PM

Tgt Ion: 42 Resp: 3634

Ion	Ratio	Lower	Upper
42	100		
71	36.2	32.4	48.6
72	41.2	35.2	52.8

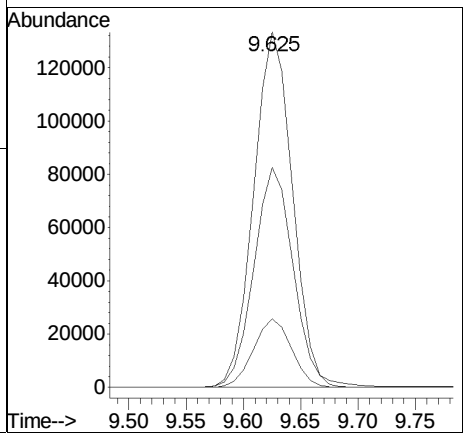


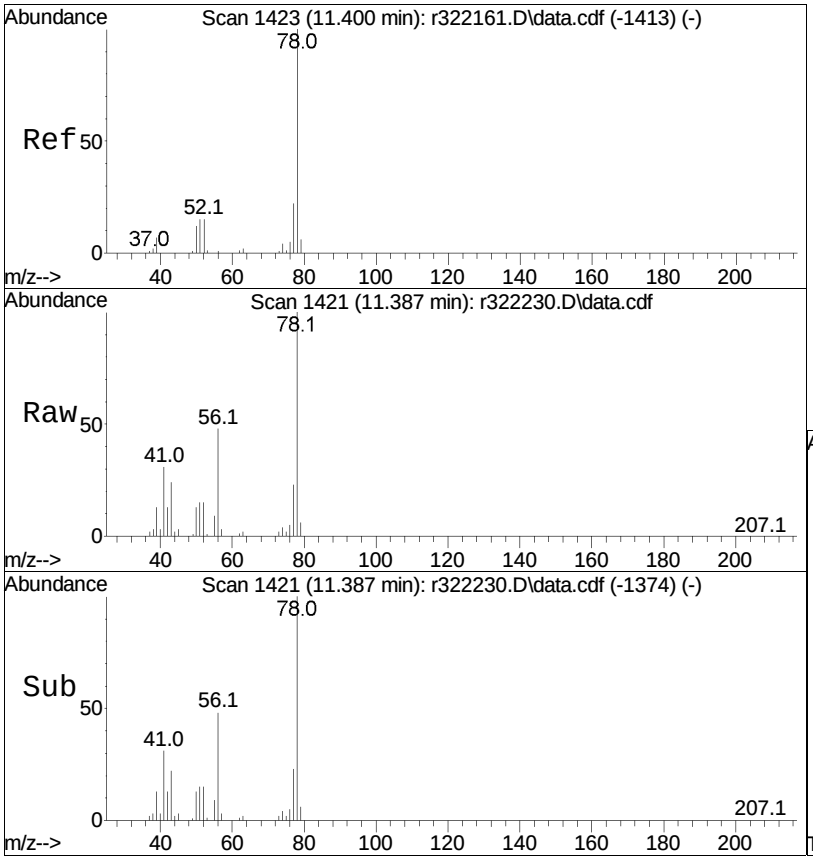


#44
hexane
Concen: 7.93 ppbV
RT: 9.625 min Scan# 1200
Delta R.T. -0.017 min
Lab File: r322230.D
Acq: 19 May 2022 7:37 PM

Tgt Ion: 57 Resp: 312856

Ion	Ratio	Lower	Upper
57	100		
43	61.9	115.0	172.6#
86	19.3	15.5	23.3

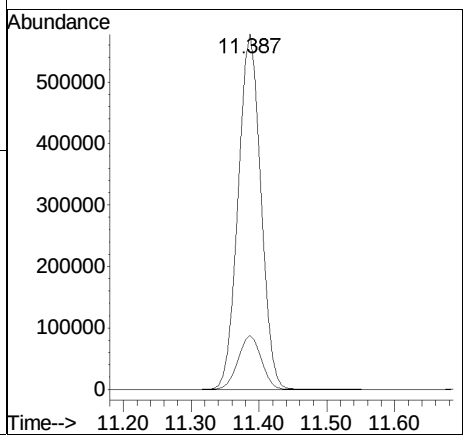


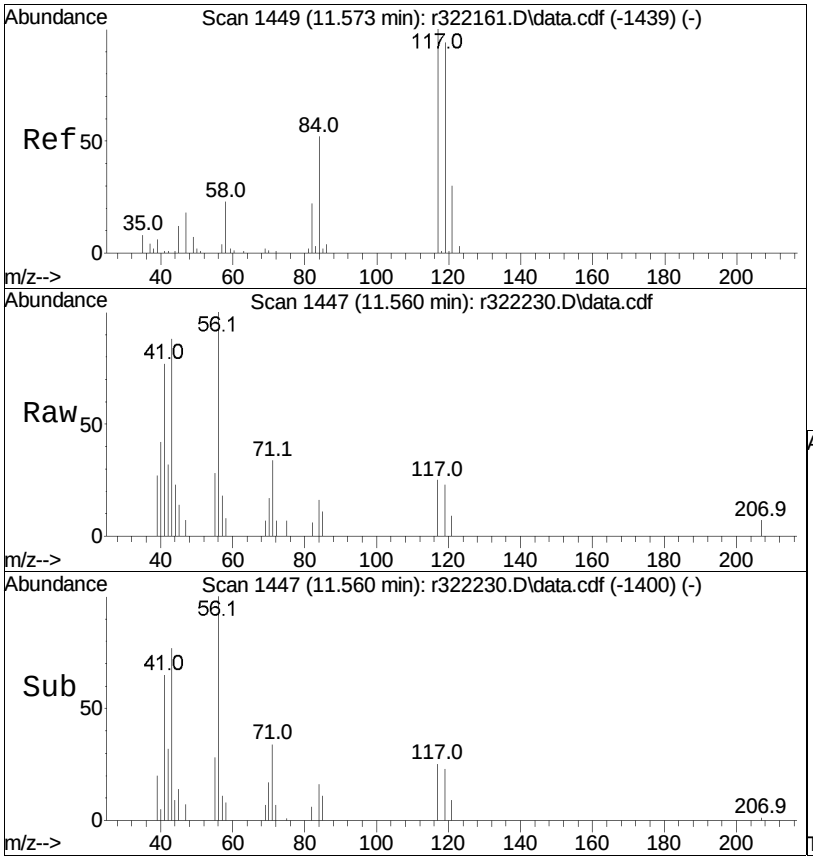


#50
benzene
Concen: 16.58 ppbV
RT: 11.387 min Scan# 1421
Delta R.T. -0.013 min
Lab File: r322230.D
Acq: 19 May 2022 7:37 PM

Tgt Ion: 78 Resp: 1343506

Ion	Ratio	Lower	Upper
78	100		
52	15.2	12.2	18.2

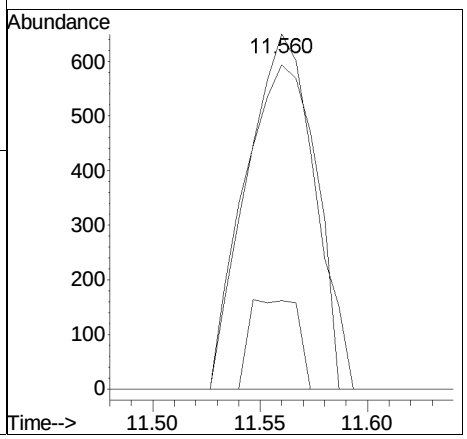


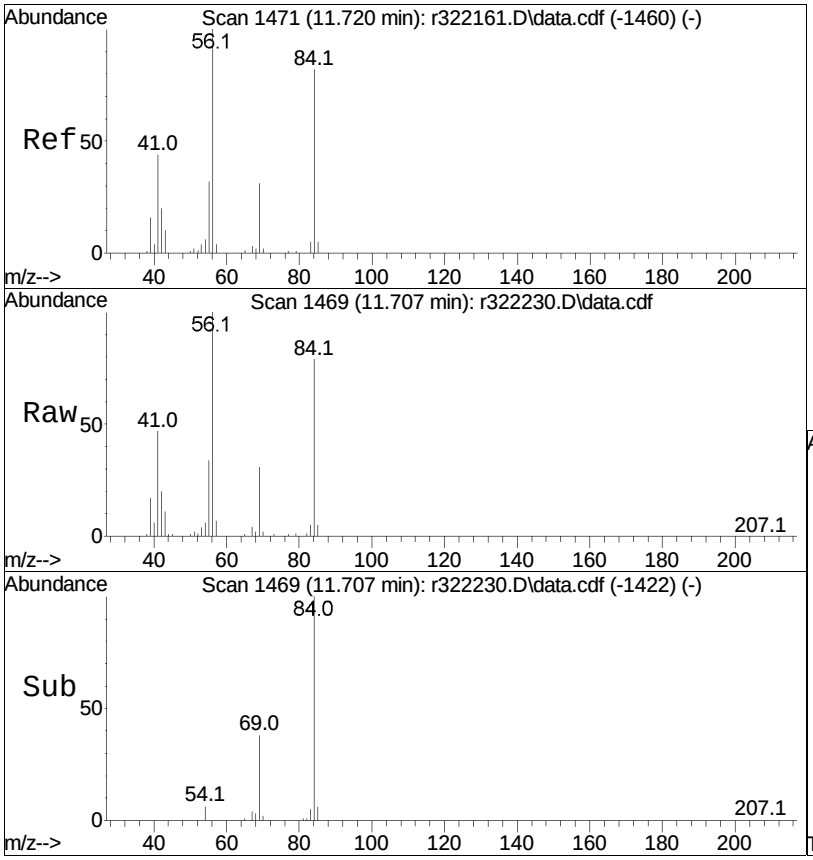


#52
carbon tetrachloride
Concen: 0.05 ppbV
RT: 11.560 min Scan# 1447
Delta R.T. -0.013 min
Lab File: r322230.D
Acq: 19 May 2022 7:37 PM

Tgt Ion:117 Resp: 1426

Ion	Ratio	Lower	Upper
117	100		
119	91.4	75.6	113.4
82	24.9	17.8	26.6

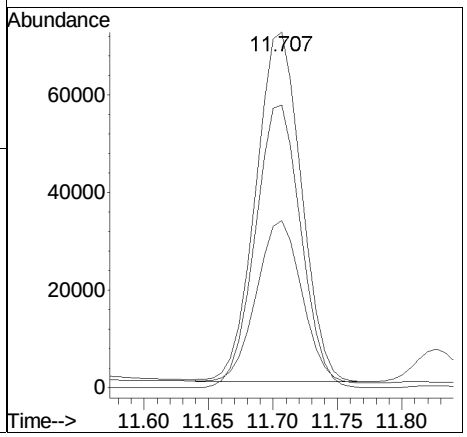


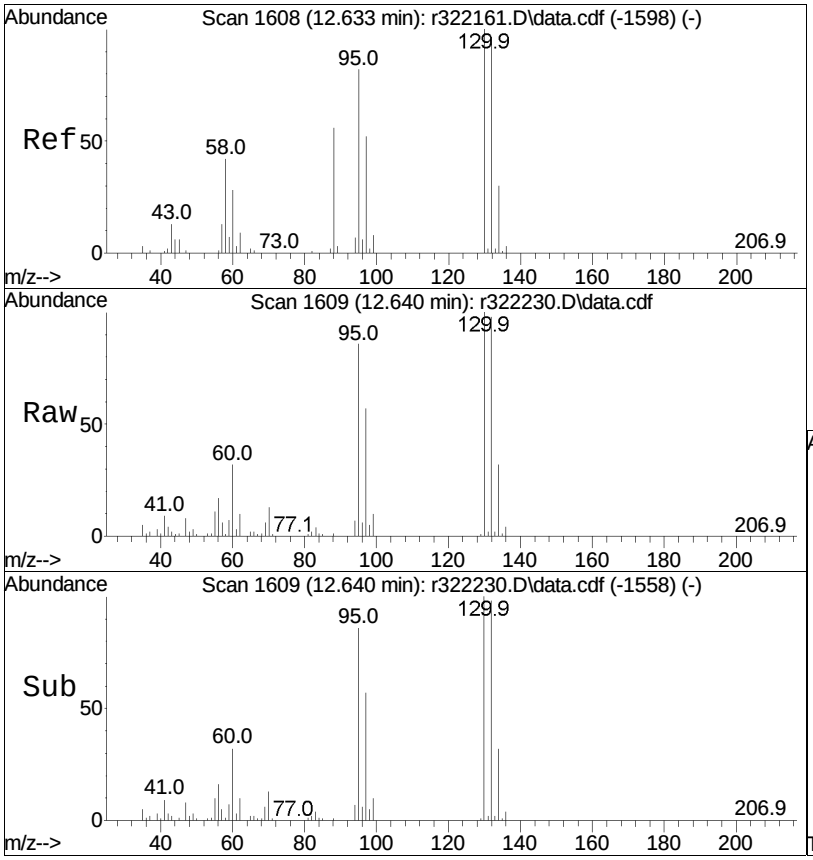


#53
cyclohexane
Concen: 4.31 ppbV
RT: 11.707 min Scan# 1469
Delta R.T. -0.013 min
Lab File: r322230.D
Acq: 19 May 2022 7:37 PM

Tgt Ion: 56 Resp: 176759

Ion	Ratio	Lower	Upper
56	100		
84	79.5	65.4	98.0
41	47.0	35.4	53.2

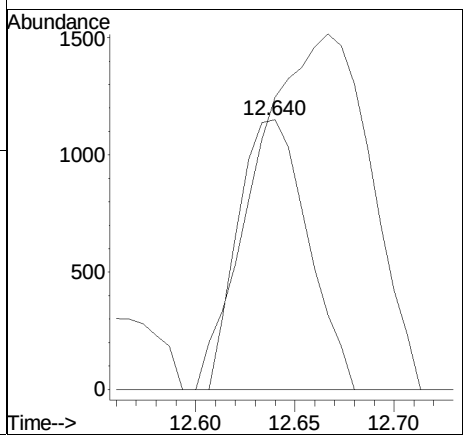


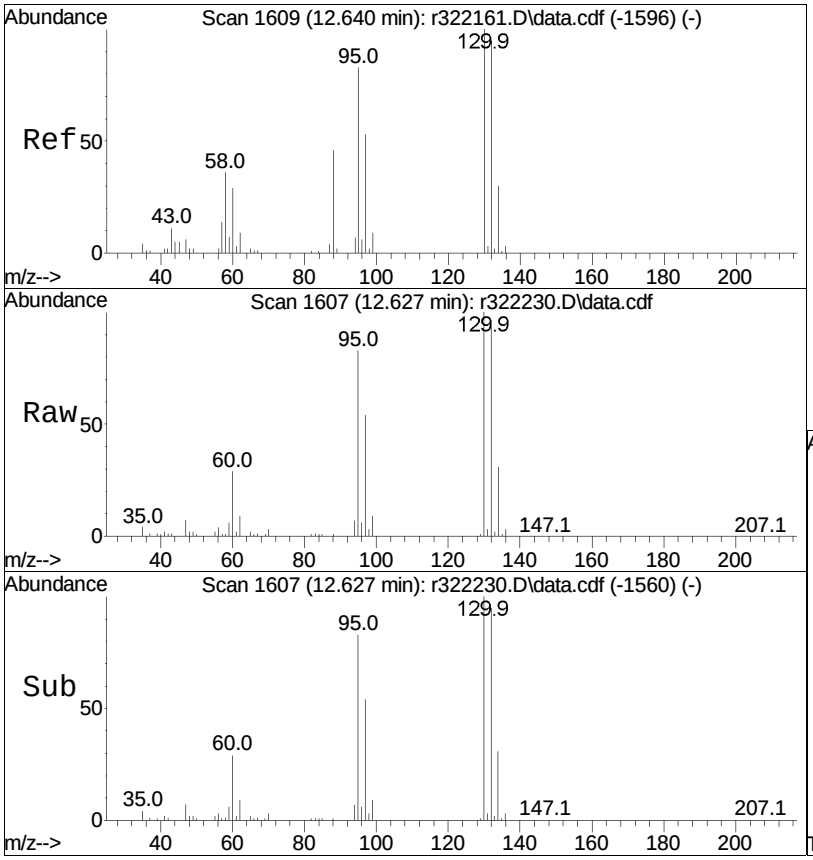


#58
1,4-dioxane
Concen: 0.17 ppbV
RT: 12.640 min Scan# 1609
Delta R.T. 0.007 min
Lab File: r322230.D
Acq: 19 May 2022 7:37 PM

Tgt Ion: 88 Resp: 2820

Ion	Ratio	Lower	Upper
88	100		
58	108.3	61.2	91.8#

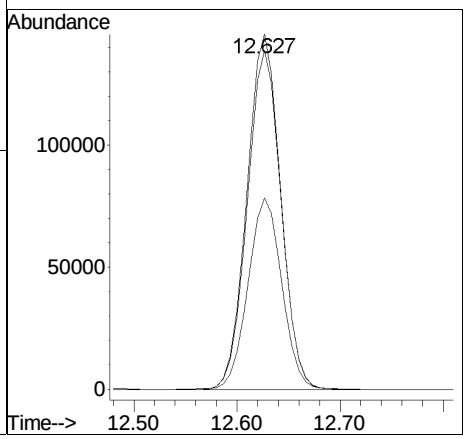


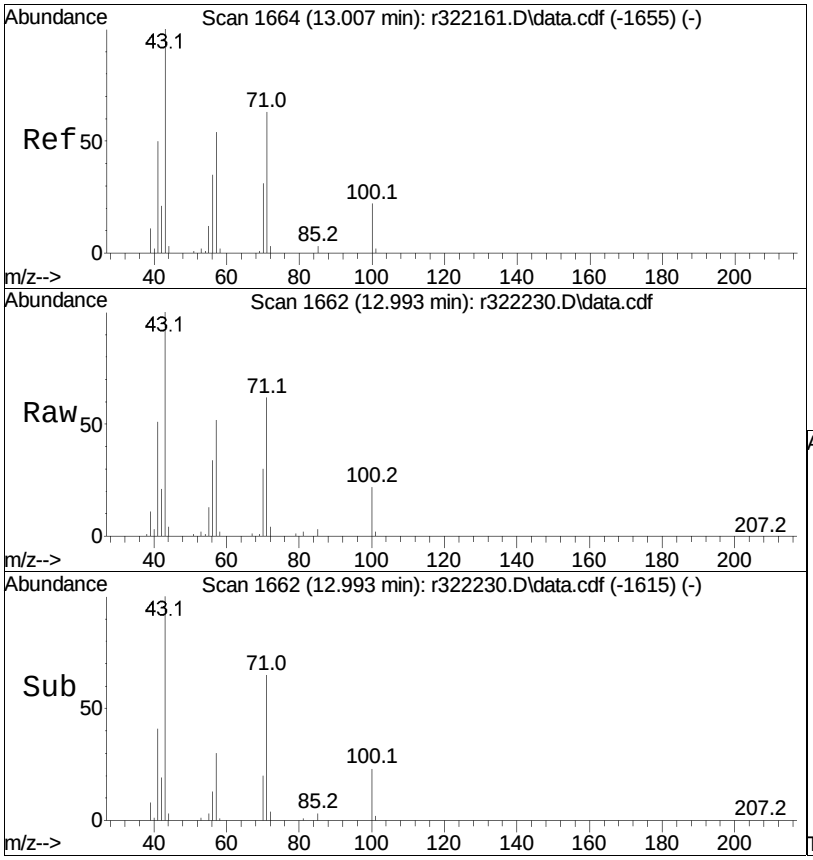


#59
trichloroethene
Concen: 10.60 ppbV
RT: 12.627 min Scan# 1607
Delta R.T. -0.013 min
Lab File: r322230.D
Acq: 19 May 2022 7:37 PM

Tgt Ion:130 Resp: 330773

Ion	Ratio	Lower	Upper
130	100		
132	95.5	76.2	114.2
97	53.9	42.6	63.8

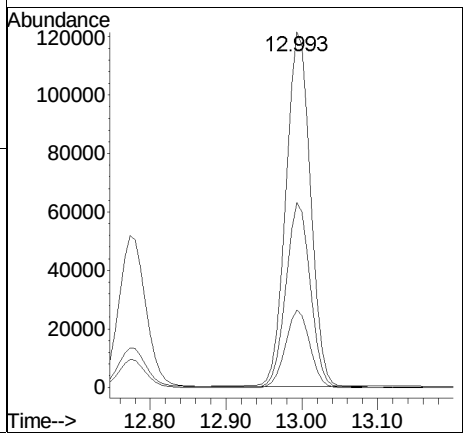


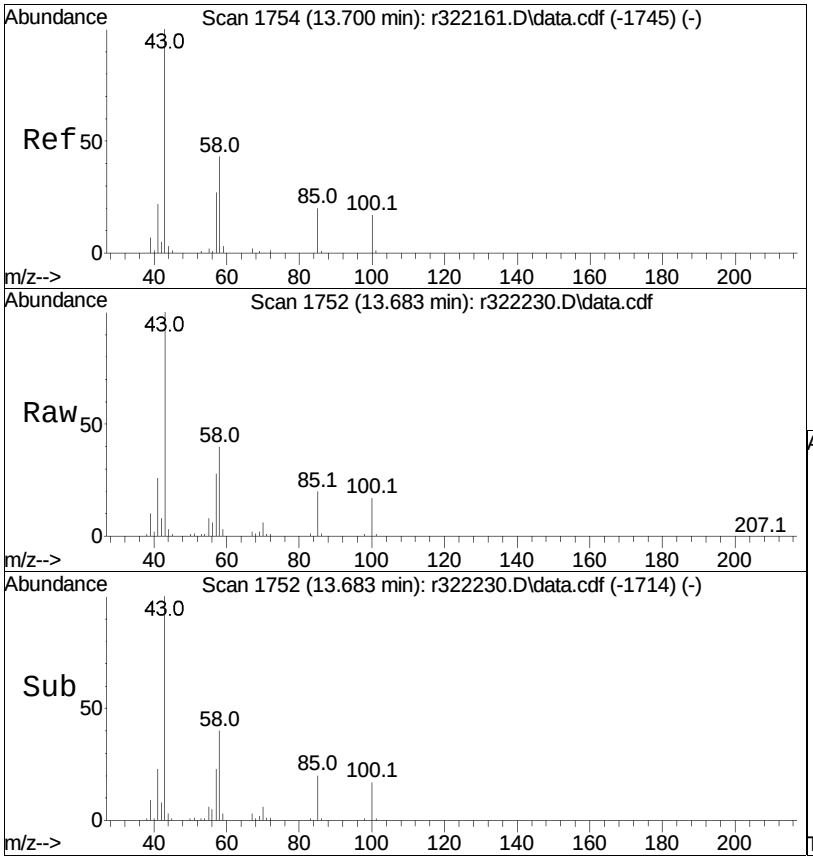


#62
heptane
Concen: 5.98 ppbV
RT: 12.993 min Scan# 1662
Delta R.T. -0.013 min
Lab File: r322230.D
Acq: 19 May 2022 7:37 PM

Tgt Ion: 43 Resp: 272143

Ion	Ratio	Lower	Upper
43	100		
57	52.0	43.0	64.4
100	21.8	17.6	26.4

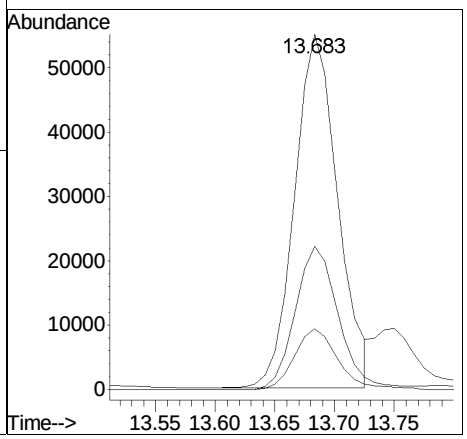


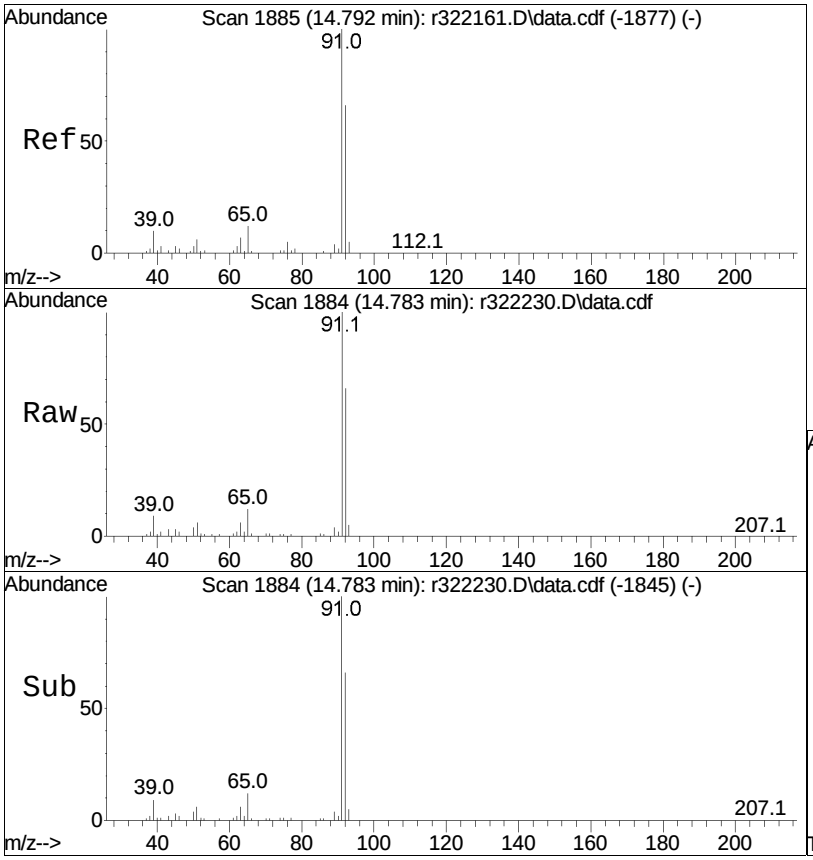


#64
4-methyl-2-pentanone
Concen: 2.66 ppbV m
RT: 13.683 min Scan# 1752
Delta R.T. -0.017 min
Lab File: r322230.D
Acq: 19 May 2022 7:37 PM

Tgt Ion: 43 Resp: 138447

Ion	Ratio	Lower	Upper
43	100		
58	40.3	34.3	51.5
100	17.1	13.8	20.6

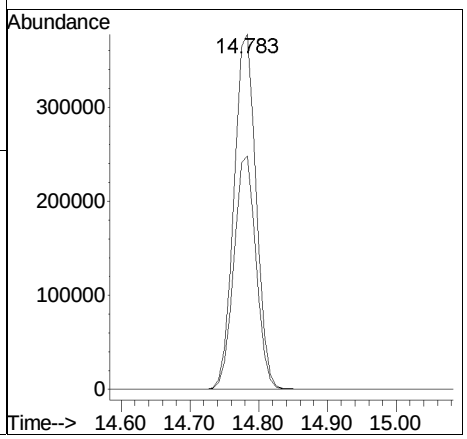


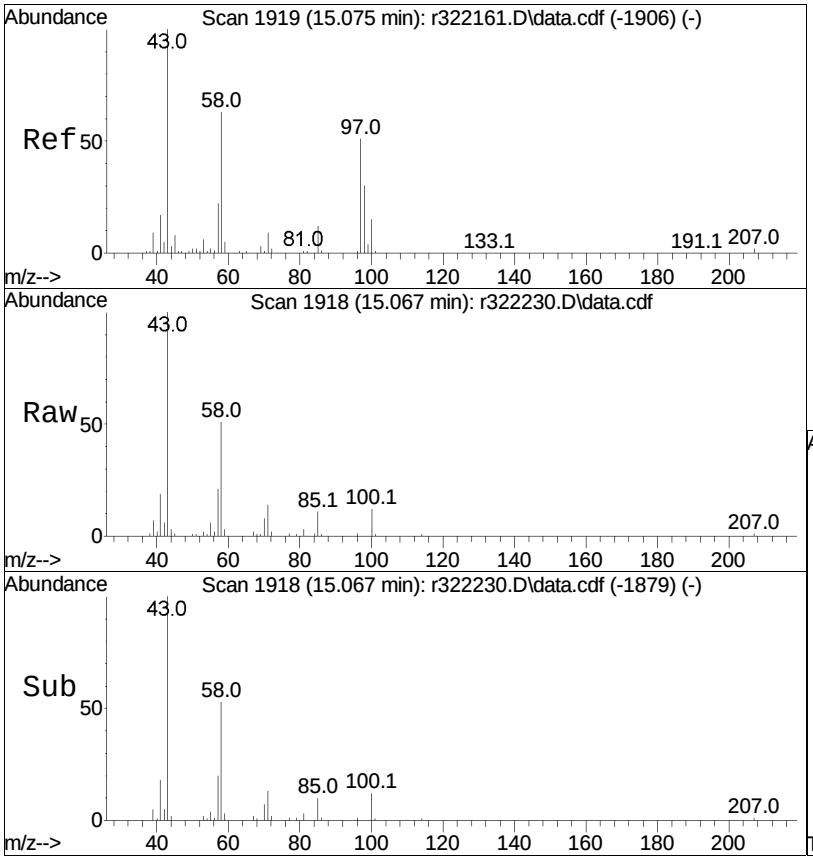


#68
toluene
Concen: 10.00 ppbV
RT: 14.783 min Scan# 1884
Delta R.T. -0.008 min
Lab File: r322230.D
Acq: 19 May 2022 7:37 PM

Tgt Ion: 91 Resp: 845612

Ion	Ratio	Lower	Upper
91	100		
92	65.7	52.7	79.1

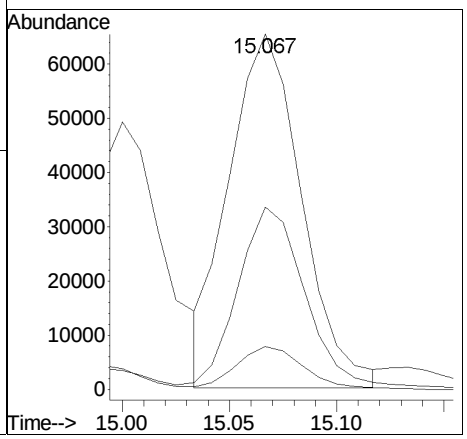


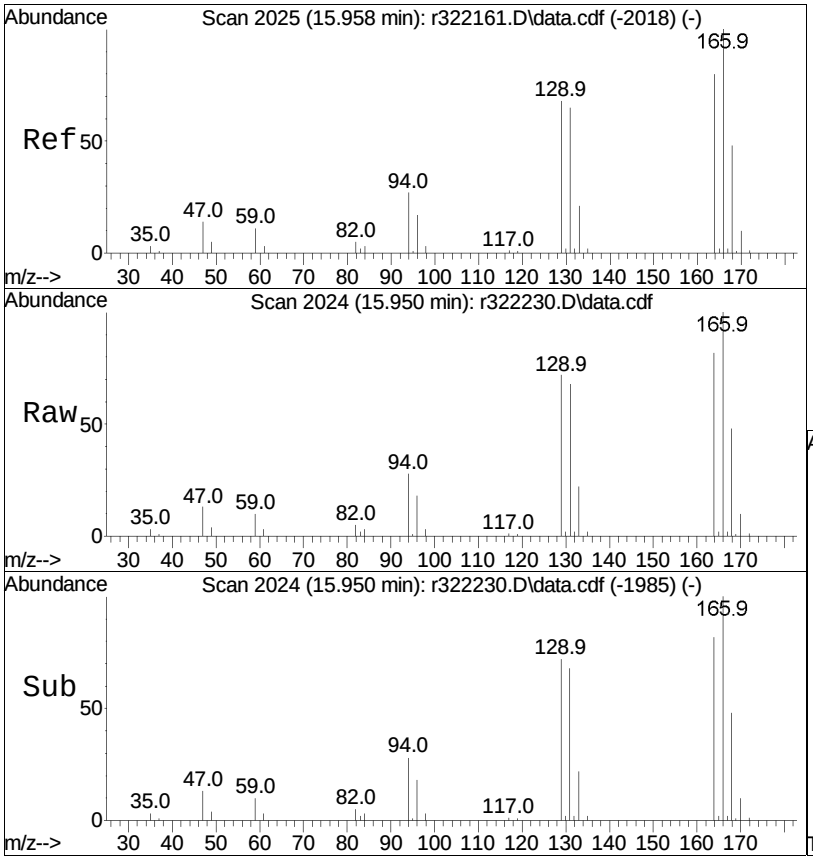


#72
2-hexanone
Concen: 3.03 ppbV m
RT: 15.067 min Scan# 1918
Delta R.T. -0.008 min
Lab File: r322230.D
Acq: 19 May 2022 7:37 PM

Tgt Ion: 43 Resp: 154383

Ion	Ratio	Lower	Upper
43	100		
58	51.3	50.5	75.7
100	12.1	12.2	18.2#

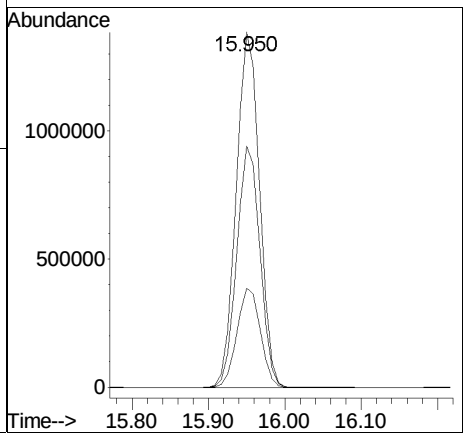


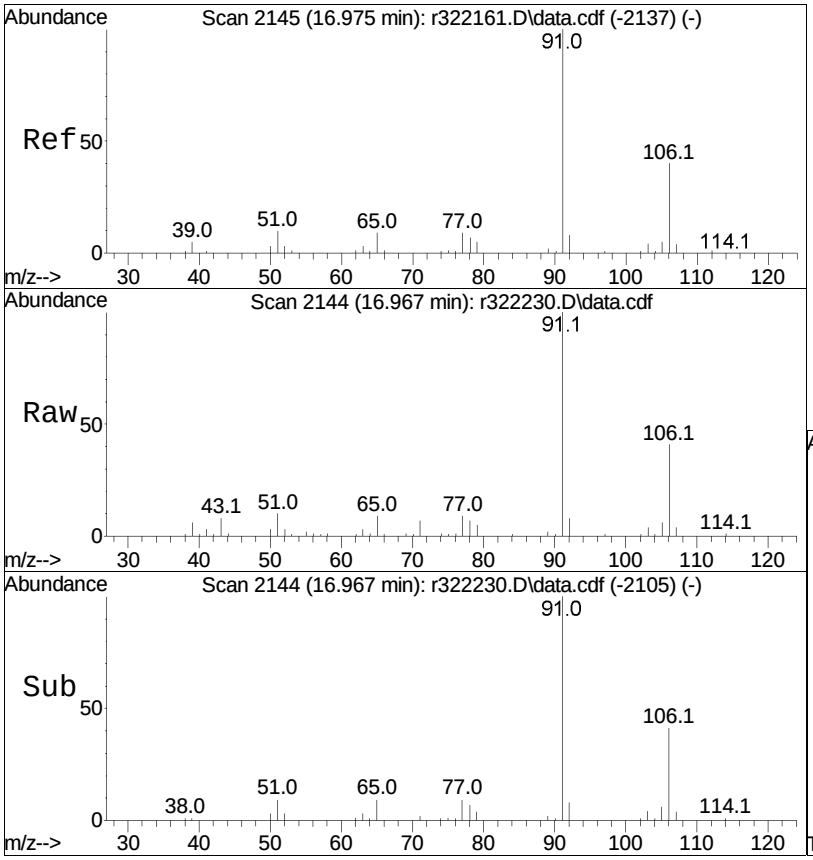


#78
tetrachloroethene
Concen: 71.48 ppbV
RT: 15.950 min Scan# 2024
Delta R.T. -0.008 min
Lab File: r322230.D
Acq: 19 May 2022 7:37 PM

Tgt Ion:166 Resp: 2927542

Ion	Ratio	Lower	Upper
166	100		
131	68.0	51.8	77.6
94	28.0	21.8	32.8

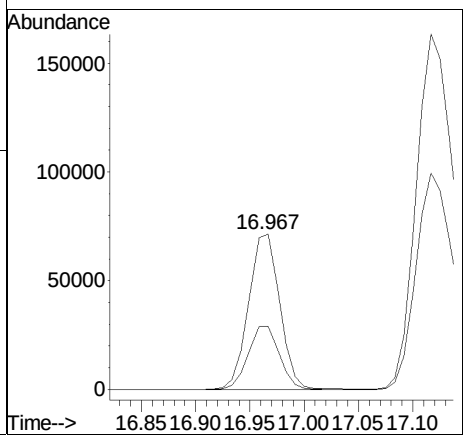


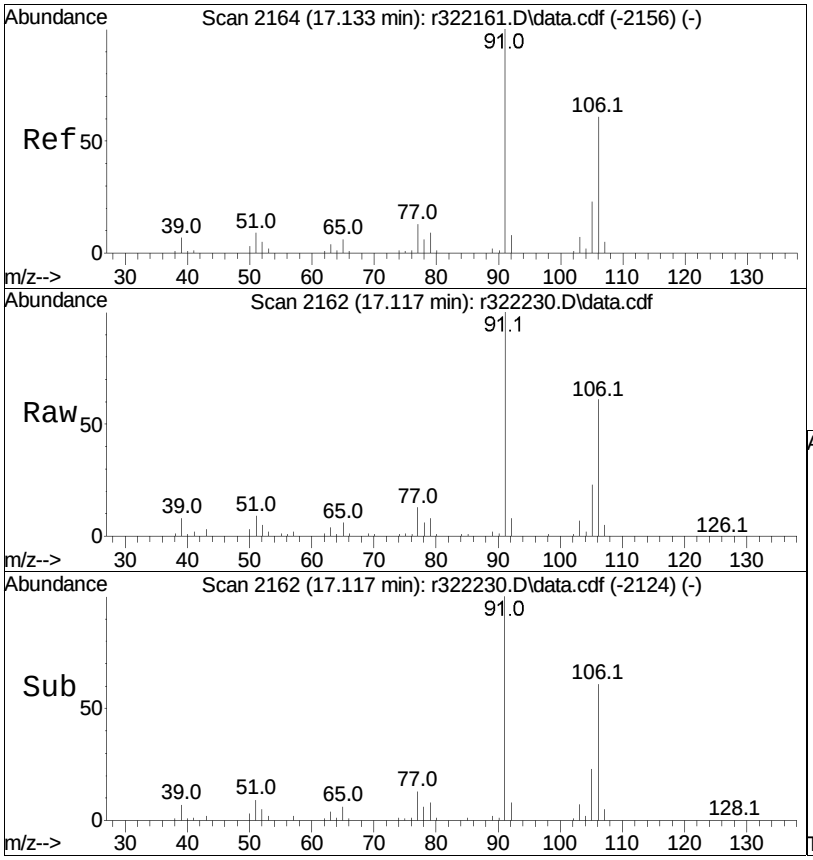


#81
ethylbenzene
Concen: 1.41 ppbV
RT: 16.967 min Scan# 2144
Delta R.T. -0.008 min
Lab File: r322230.D
Acq: 19 May 2022 7:37 PM

Tgt Ion: 91 Resp: 143102

Ion	Ratio	Lower	Upper
91	100		
106	40.5	32.4	48.6

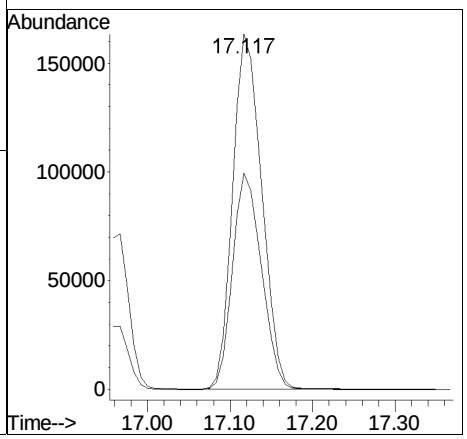


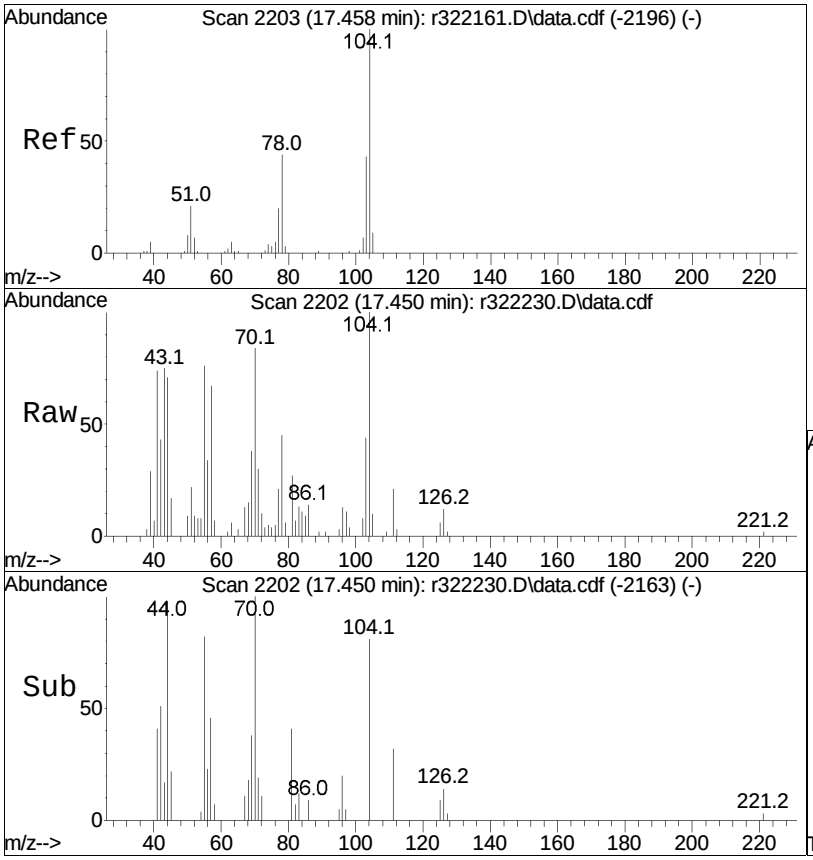


#83
m+p-xylene
Concen: 4.82 ppbV
RT: 17.117 min Scan# 2162
Delta R.T. -0.017 min
Lab File: r322230.D
Acq: 19 May 2022 7:37 PM

Tgt Ion: 91 Resp: 399725

Ion	Ratio	Lower	Upper
91	100		
106	60.9	48.4	72.6

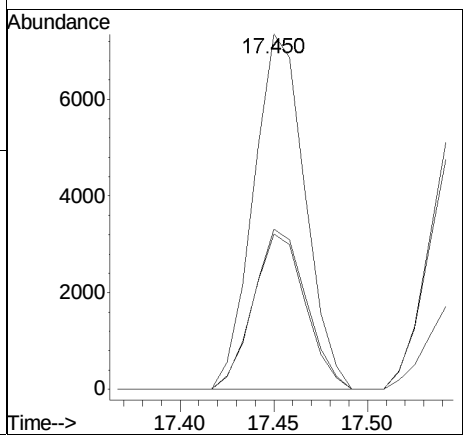


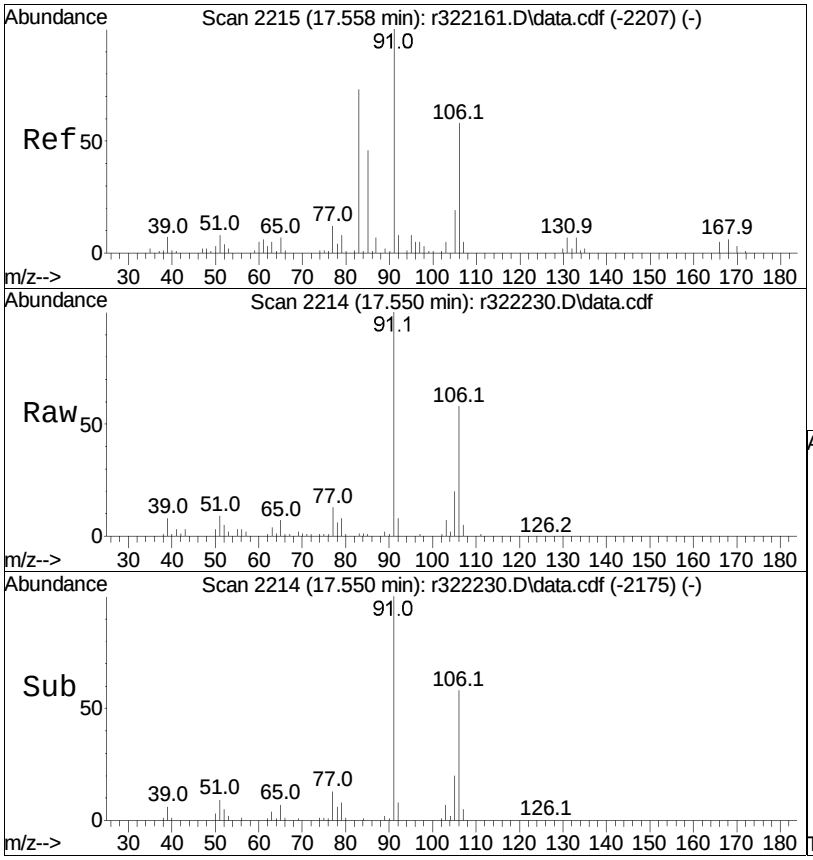


#85
styrene
Concen: 0.19 ppbV
RT: 17.450 min Scan# 2202
Delta R.T. -0.008 min
Lab File: r322230.D
Acq: 19 May 2022 7:37 PM

Tgt Ion:104 Resp: 14047

Ion	Ratio	Lower	Upper
104	100		
103	43.7	34.4	51.6
78	45.1	35.1	52.7

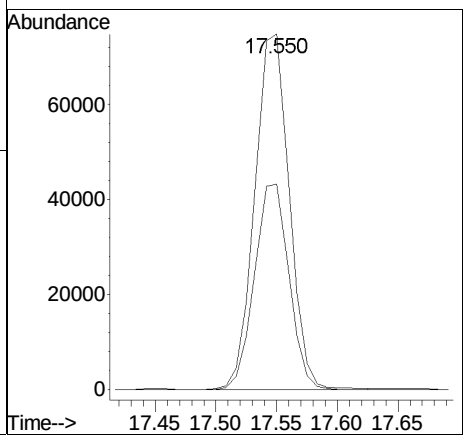


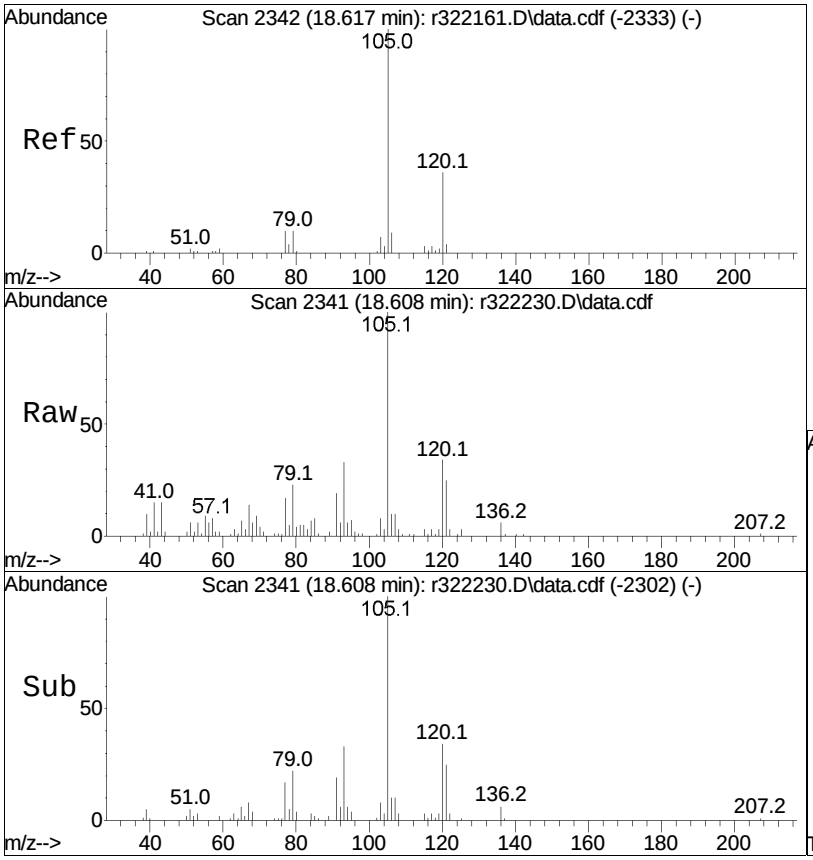


#87
o-xylene
Concen: 1.79 ppbV
RT: 17.550 min Scan# 2214
Delta R.T. -0.008 min
Lab File: r322230.D
Acq: 19 May 2022 7:37 PM

Tgt Ion: 91 Resp: 147897

Ion	Ratio	Lower	Upper
91	100		
106	57.7	46.4	69.6

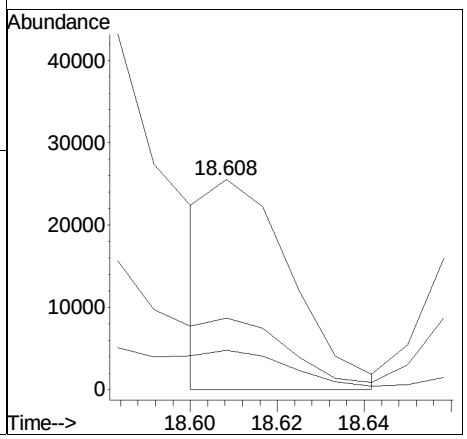


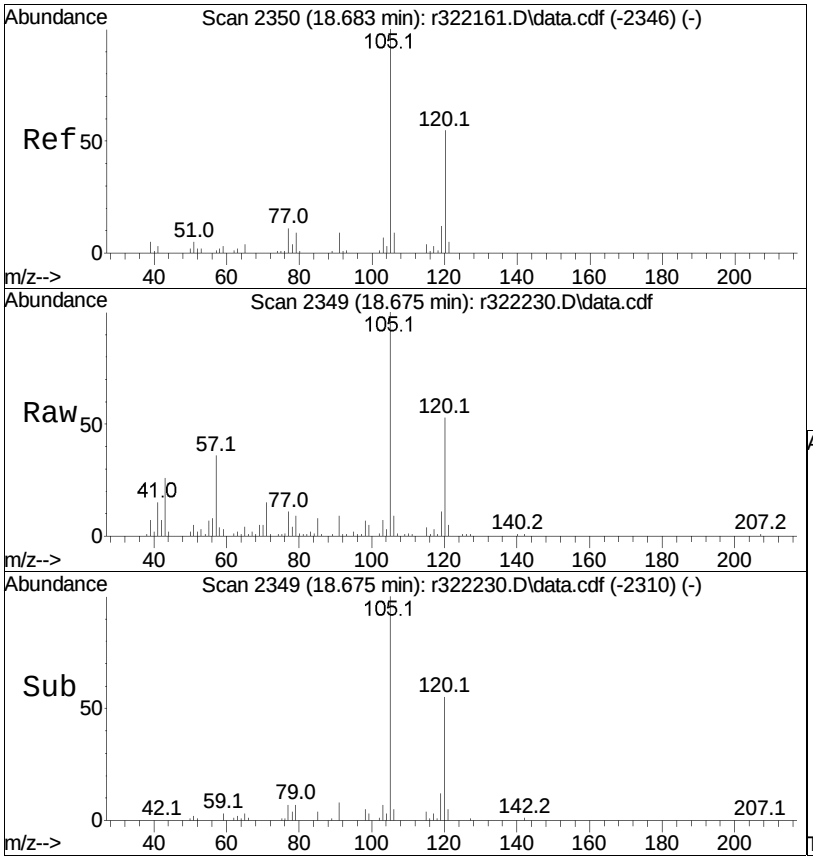


#96
4-ethyl toluene
Concen: 0.26 ppbV m
RT: 18.608 min Scan# 2341
Delta R.T. -0.008 min
Lab File: r322230.D
Acq: 19 May 2022 7:37 PM

Tgt Ion:105 Resp: 32863

Ion	Ratio	Lower	Upper
105	100		
120	34.0	28.6	42.8
91	18.6	7.4	11.2#

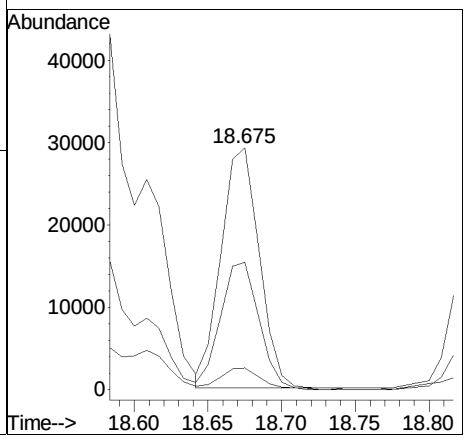


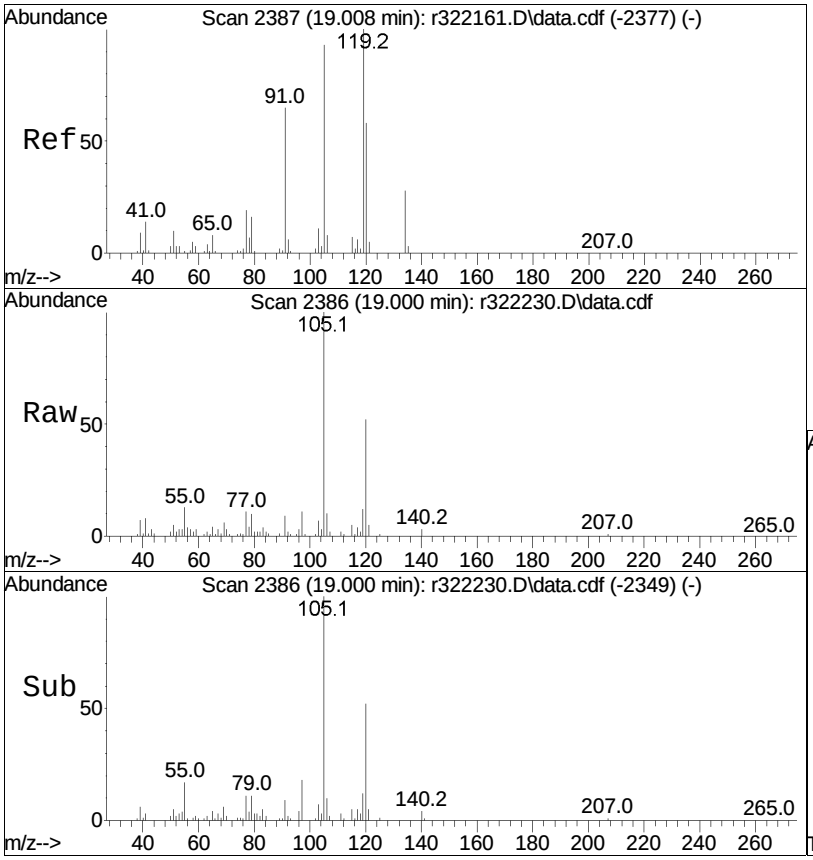


#97
1,3,5-trimethylbenzene
Concen: 0.46 ppbV
RT: 18.675 min Scan# 2349
Delta R.T. -0.008 min
Lab File: r322230.D
Acq: 19 May 2022 7:37 PM

Tgt Ion:105 Resp: 52715

Ion	Ratio	Lower	Upper
105	100		
120	52.6	43.7	65.5
91	8.9	7.0	10.4

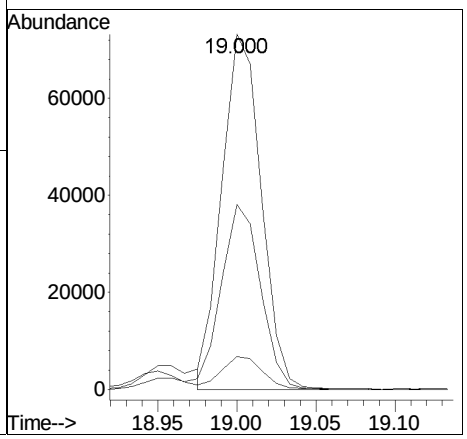




#99
1,2,4-trimethylbenzene
Concen: 1.27 ppbV m
RT: 19.000 min Scan# 2386
Delta R.T. -0.008 min
Lab File: r322230.D
Acq: 19 May 2022 7:37 PM

Tgt Ion:105 Resp: 127606

Ion	Ratio	Lower	Upper
105	100		
120	52.1	49.4	74.2
91	9.2	55.8	83.8#

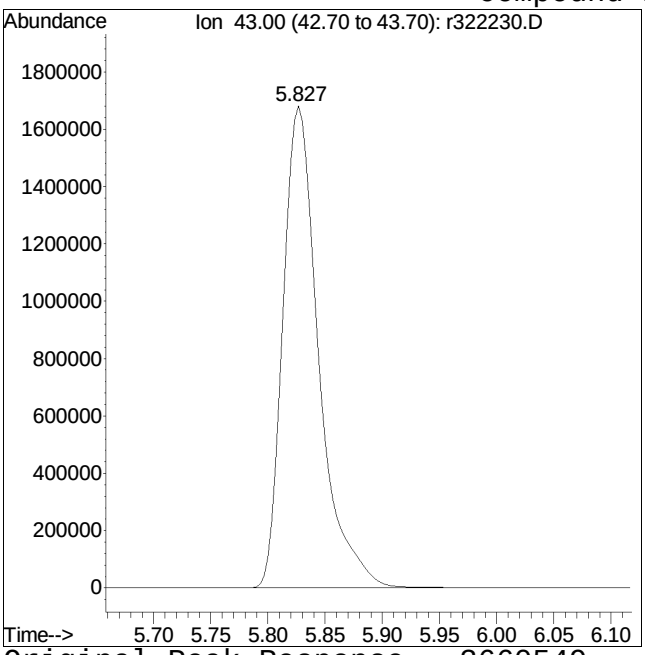


Manual Integration Report

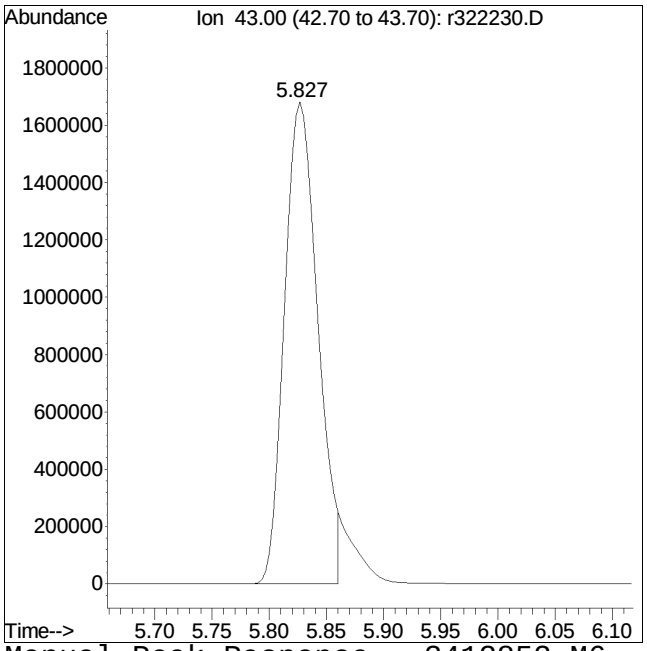
Data Path : O:\Forensics\Data\AirpianoQ
Data File : r322230.D
Date Inj'd : 5/19/2020 0:7: 7
Sample : L2225590-02,3,250,250

Method : TFS3_220516.M
Operator : AIRPIANO3:TS
Instrument :
Quant Date : 5/20/2022 8:02 am

Compound #19: acetone



Original Peak Response = 3660549



Manual Peak Response = 3412852 M6

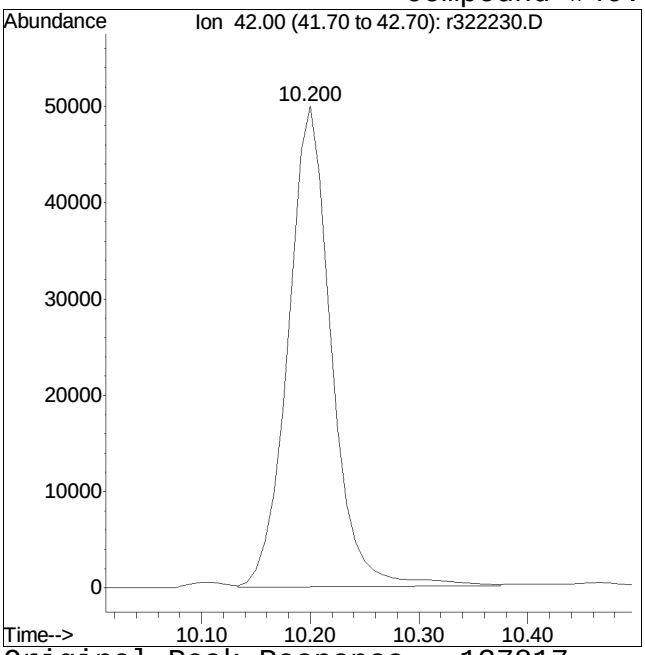
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

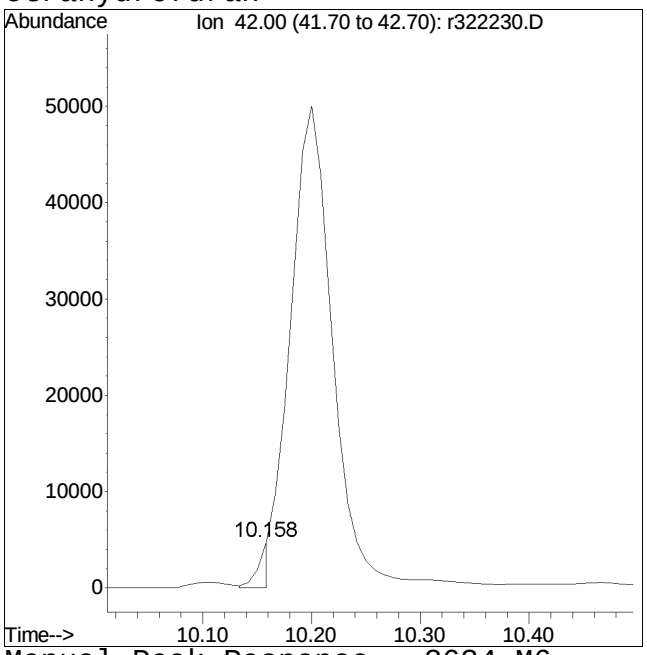
Data Path : O:\Forensics\Data\AirpianoQ
Data File : r322230.D
Date Inj'd : 5/19/2020 0:7: 7
Sample : L2225590-02,3,250,250

Method : TFS3_220516.M
Operator : AIRPIANO3:TS
Instrument :
Quant Date : 5/20/2022 8:02 am

Compound #40: Tetrahydrofuran



Original Peak Response = 137817



Manual Peak Response = 3634 M6

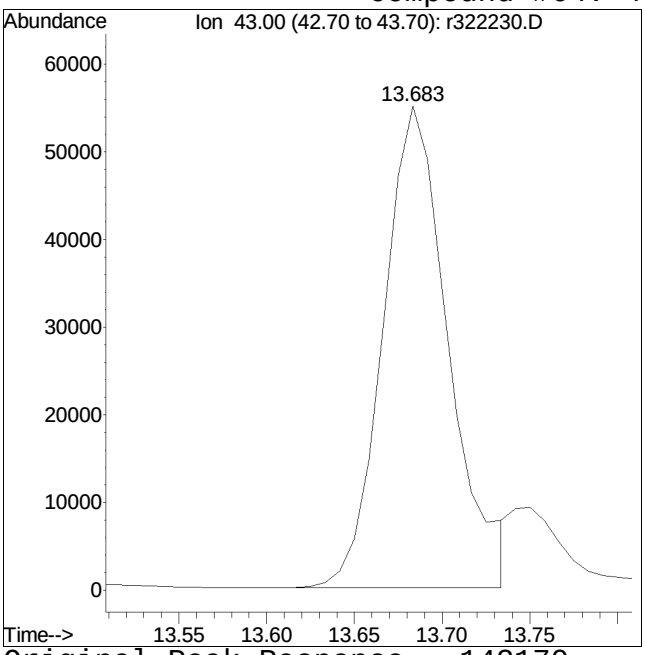
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

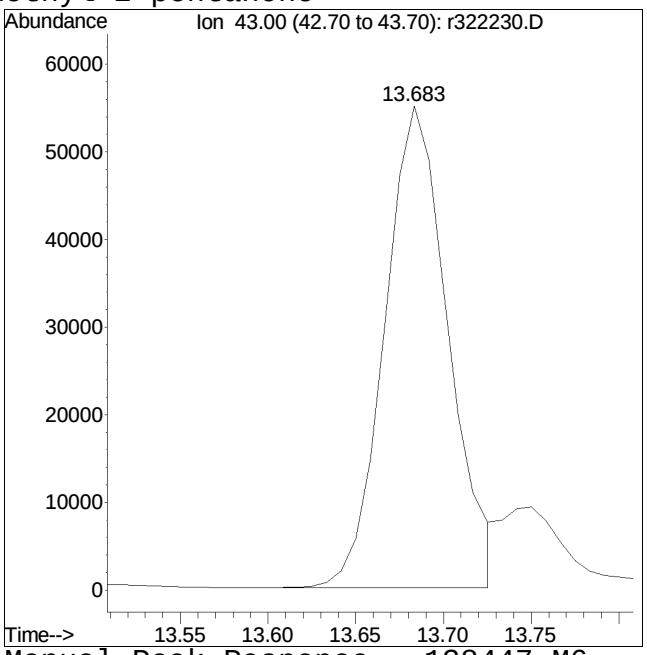
Data Path : O:\Forensics\Data\AirpianoQ
Data File : r322230.D
Date Inj'd : 5/19/2020 0:7: 7
Sample : L2225590-02,3,250,250

Method : TFS3_220516.M
Operator : AIRPIANO3:TS
Instrument :
Quant Date : 5/20/2022 8:02 am

Compound #64: 4-methyl-2-pentanone



Original Peak Response = 142170



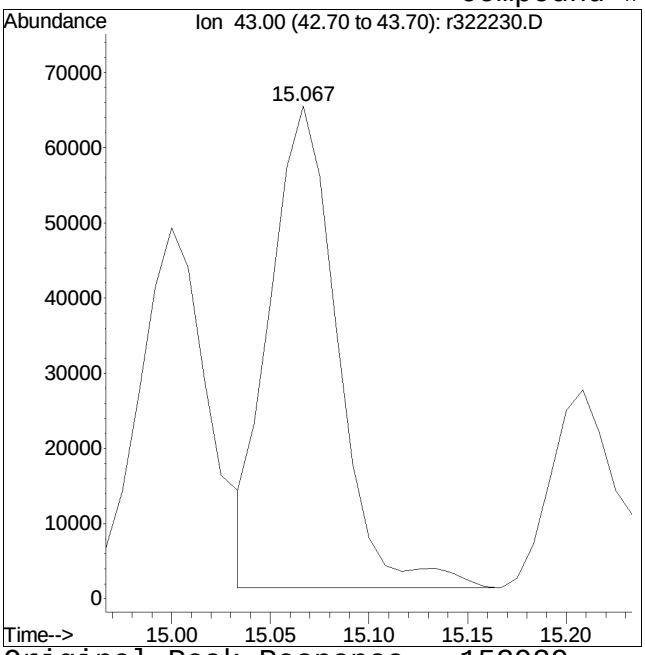
Manual Peak Response = 138447 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

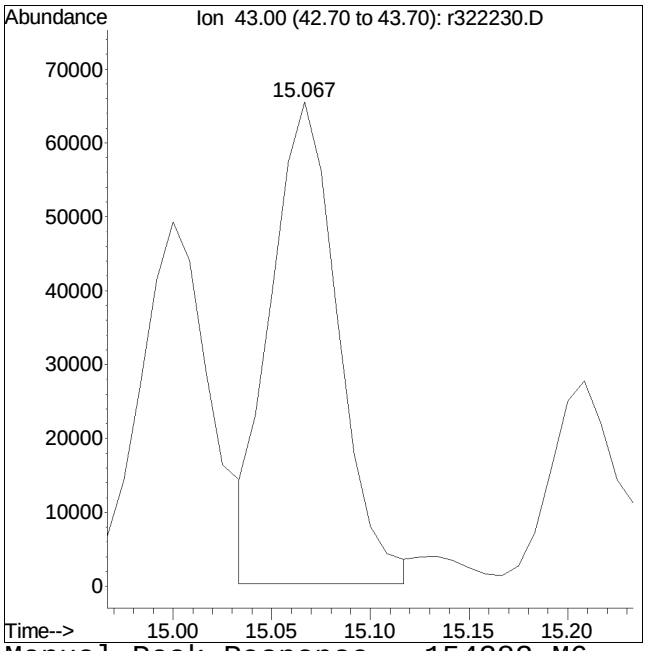
Manual Integration Report

Data Path : O:\Forensics\Data\AirpianoQMethod : TFS3_220516.M
Data File : r322230.D Operator : AIRPIANO3:TS
Date Inj'd : 5/19/2020 0:7: 7 Instrument :
Sample : L2225590-02,3,250,250 Quant Date : 5/20/2022 8:02 am

Compound #72: 2-hexanone



Original Peak Response = 152929



Manual Peak Response = 154383 M6

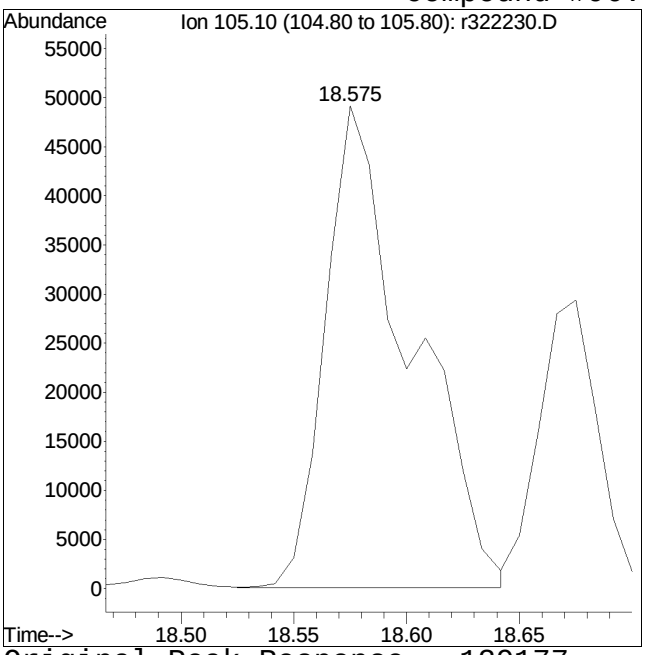
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

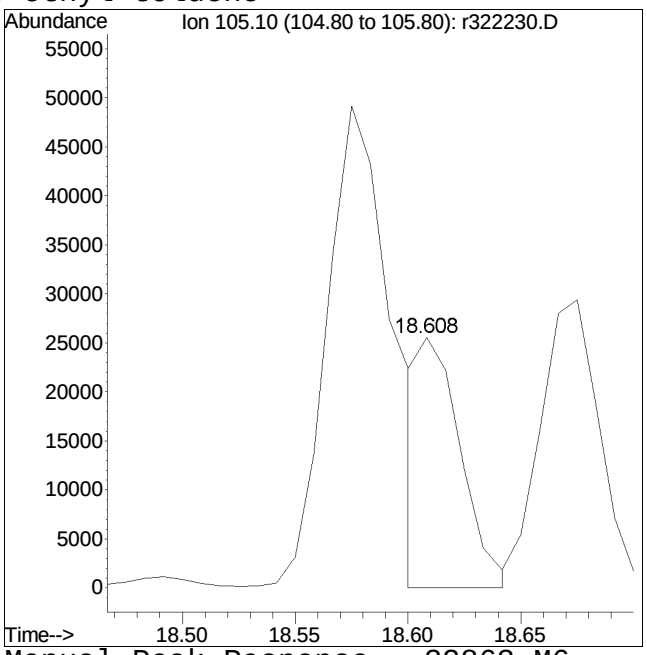
Data Path : O:\Forensics\Data\AirpianoQ
Data File : r322230.D
Date Inj'd : 5/19/2020 0:7: 7
Sample : L2225590-02,3,250,250

Method : TFS3_220516.M
Operator : AIRPIANO3:TS
Instrument :
Quant Date : 5/20/2022 8:02 am

Compound #96: 4-ethyl toluene



Original Peak Response = 129177



Manual Peak Response = 32863 M6

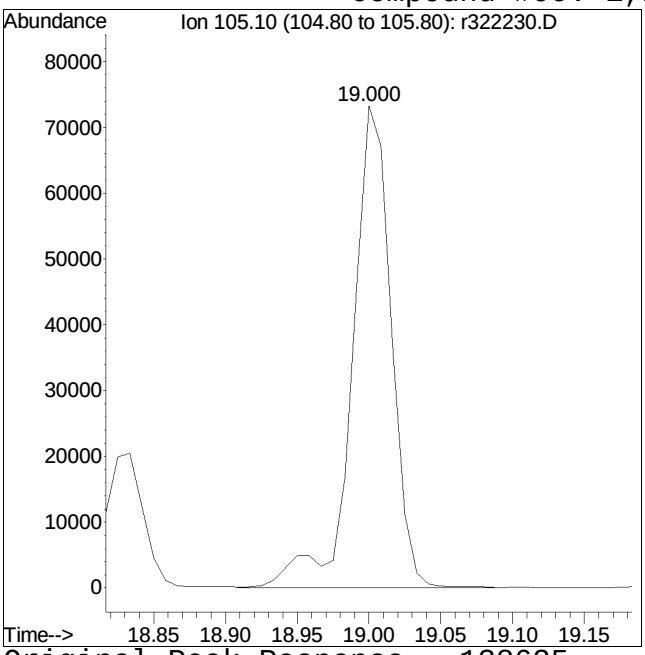
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

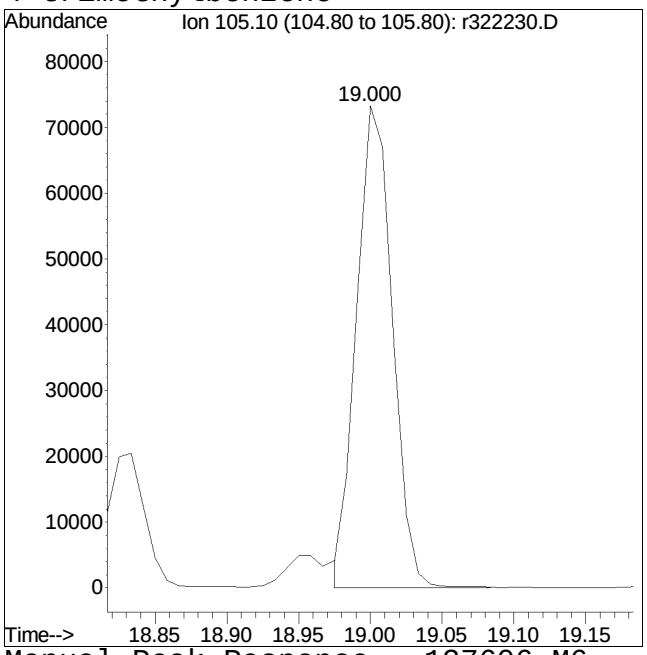
Data Path : O:\Forensics\Data\AirpianoQ
Data File : r322230.D
Date Inj'd : 5/19/2020 0:7: 7
Sample : L2225590-02,3,250,250

Method : TFS3_220516.M
Operator : AIRPIANO3:TS
Instrument :
Quant Date : 5/20/2022 8:02 am

Compound #99: 1,2,4-trimethylbenzene



Original Peak Response = 138625



Manual Peak Response = 127606 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0519T\
Data File : r322231.D
Acq On : 19 May 2022 8:14 PM
Operator : AIRPIANO3:TS
Sample : L2225590-03D,3,3.21,250
Misc : WG1640711,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 20 13:25:02 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0519T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0519T\r322225.D
Sub List : TO15-NY - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.550	49	452477	10.000	ppbV	-0.02
Standard Area = 440035			Recovery = 102.83%			
43) 1,4-difluorobenzene	11.820	114	1393047	10.000	ppbV	-0.02
Standard Area = 1334123			Recovery = 104.42%			
67) chlorobenzene-D5	16.567	54	233738	10.000	ppbV	-0.02
Standard Area = 210666			Recovery = 110.95%			
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	3.946		0	N.D.		
6) chloromethane	0.000		0	N.D.	d	
7) Freon-114	0.000		0	N.D.		
9) vinyl chloride	4.384	62	55636	2.515	ppbV	99
10) 1,3-butadiene	0.000		0	N.D.	d	
13) bromomethane	0.000		0	N.D.		
14) chloroethane	0.000		0	N.D.		
15) ethanol	5.267	31	228834	13.164	ppbV	98
17) vinyl bromide	0.000		0	N.D.		
19) acetone	5.840	43	68041M6	2.745	ppbV	
21) trichlorofluoromethane	0.000		0	N.D.		
22) isopropyl alcohol	6.187	45	19068	0.639	ppbV	100
26) 1,1-dichloroethene	6.692		0	N.D.		
27) tertiary butyl alcohol	0.000		0	N.D.	d	
28) methylene chloride	6.986	49	2133	0.076	ppbV	99
29) 3-chloropropene	0.000		0	N.D.	d	
30) carbon disulfide	7.280	76	10434	0.161	ppbV #	1
31) Freon 113	0.000		0	N.D.		
32) trans-1,2-dichloroethene	8.125		0	N.D.		
33) 1,1-dichloroethane	0.000		0	N.D.	d	
34) MTBE	0.000		0	N.D.	d	
36) 2-butanone	0.000		0	N.D.		
37) cis-1,2-dichloroethene	9.358	61	2169	0.083	ppbV	95
38) Ethyl Acetate	0.000		0	N.D.		
39) chloroform	0.000		0	N.D.	d	
40) Tetrahydrofuran	0.000		0	N.D.	d	
42) 1,2-dichloroethane	10.567		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0519T\
Data File : r322231.D
Acq On : 19 May 2022 8:14 PM
Operator : AIRPIANO3:TS
Sample : L2225590-03D,3,3.21,250
Misc : WG1640711,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 20 13:25:02 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0519T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0519T\r322225.D
Sub List : TO15-NY - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) hexane	9.625	57	430764	10.848	ppbV #	41
48) 1,1,1-trichloroethane	0.000		0	N.D.		
50) benzene	11.387	78	173478	2.127	ppbV	99
52) carbon tetrachloride	0.000		0	N.D.		
53) cyclohexane	11.700	56	158639	3.841	ppbV	99
56) 1,2-dichloropropane	12.480		0	N.D.		
57) bromodichloromethane	0.000		0	N.D.	d	
58) 1,4-dioxane	12.660		0	N.D.		
59) trichloroethene	12.620		0	N.D.		
60) 2,2,4-trimethylpentane	12.673	57	10978364	89.454	ppbV	98
62) heptane	12.993	43	273079	5.967	ppbV	100
63) cis-1,3-dichloropropene	0.000		0	N.D.		
64) 4-methyl-2-pentanone	0.000		0	N.D.	d	
65) trans-1,3-dichloropropene	0.000		0	N.D.		
66) 1,1,2-trichloroethane	0.000		0	N.D.	d	
68) toluene	14.783	91	36422	0.415	ppbV	97
72) 2-hexanone	0.000		0	N.D.	d	
74) dibromochloromethane	0.000		0	N.D.		
75) 1,2-dibromoethane	0.000		0	N.D.		
78) tetrachloroethene	15.950		0	N.D.		
80) chlorobenzene	0.000		0	N.D.	d	
81) ethylbenzene	16.967	91	20037	0.190	ppbV	97
83) m+p-xylene	17.117	91	34703	0.403	ppbV	98
84) bromoform	0.000		0	N.D.		
85) styrene	17.542		0	N.D.		
86) 1,1,2,2-tetrachloroethane	0.000		0	N.D.	d	
87) o-xylene	17.550	91	34969	0.408	ppbV	97
96) 4-ethyl toluene	18.608		0	N.D.		
97) 1,3,5-trimethylbenzene	18.667	105	10330	0.086	ppbV #	95
99) 1,2,4-trimethylbenzene	19.000	105	15861	0.151	ppbV #	75
101) Benzyl Chloride	19.125		0	N.D.		
102) 1,3-dichlorobenzene	0.000		0	N.D.		
103) 1,4-dichlorobenzene	0.000		0	N.D.		
107) 1,2-dichlorobenzene	0.000		0	N.D.		
115) 1,2,4-trichlorobenzene	0.000		0	N.D.		
119) hexachlorobutadiene	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0519T\
Data File : r322231.D
Acq On : 19 May 2022 8:14 PM
Operator : AIRPIANO3:TS
Sample : L2225590-03D,3,3.21,250
Misc : WG1640711,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 20 13:25:02 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0519T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

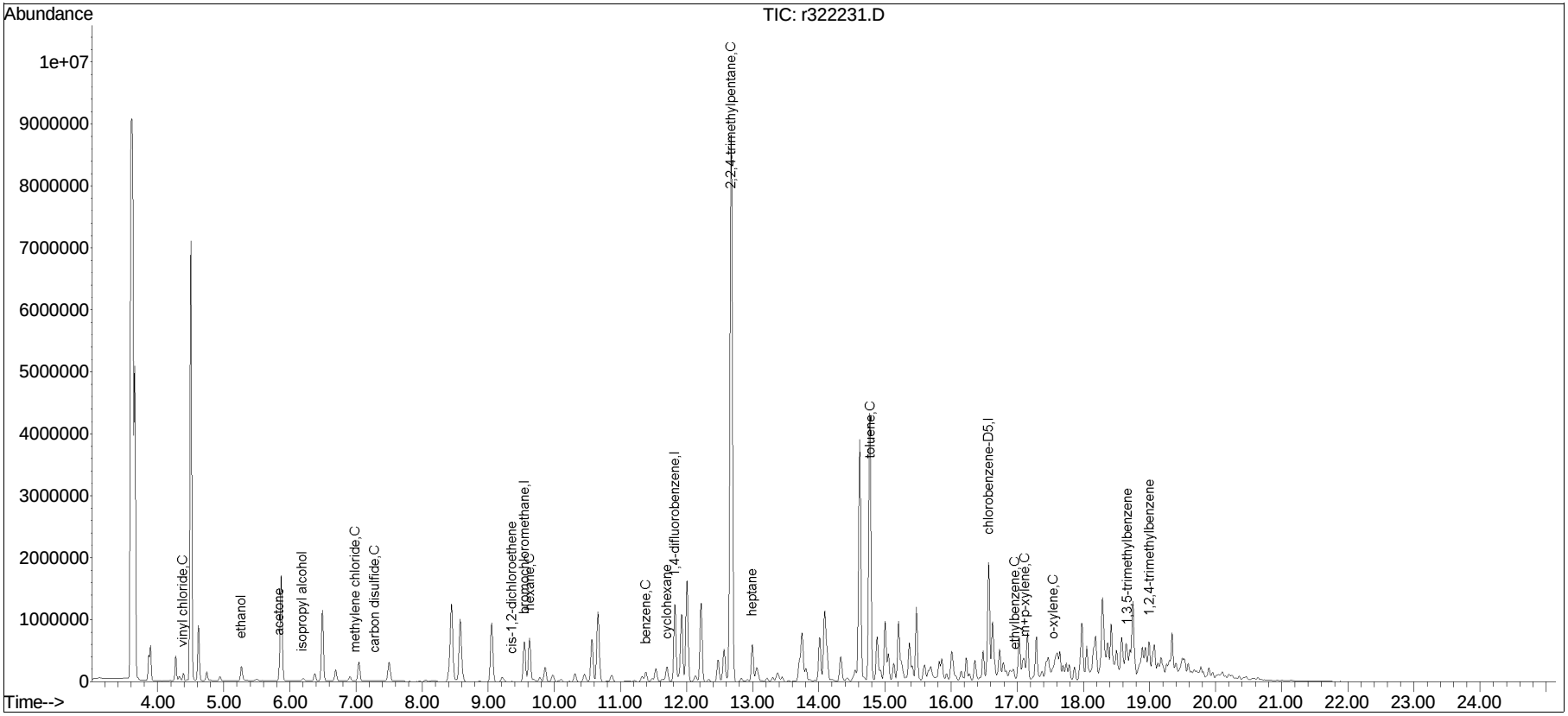
CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0519T\r322225.D
Sub List : TO15-NY - .

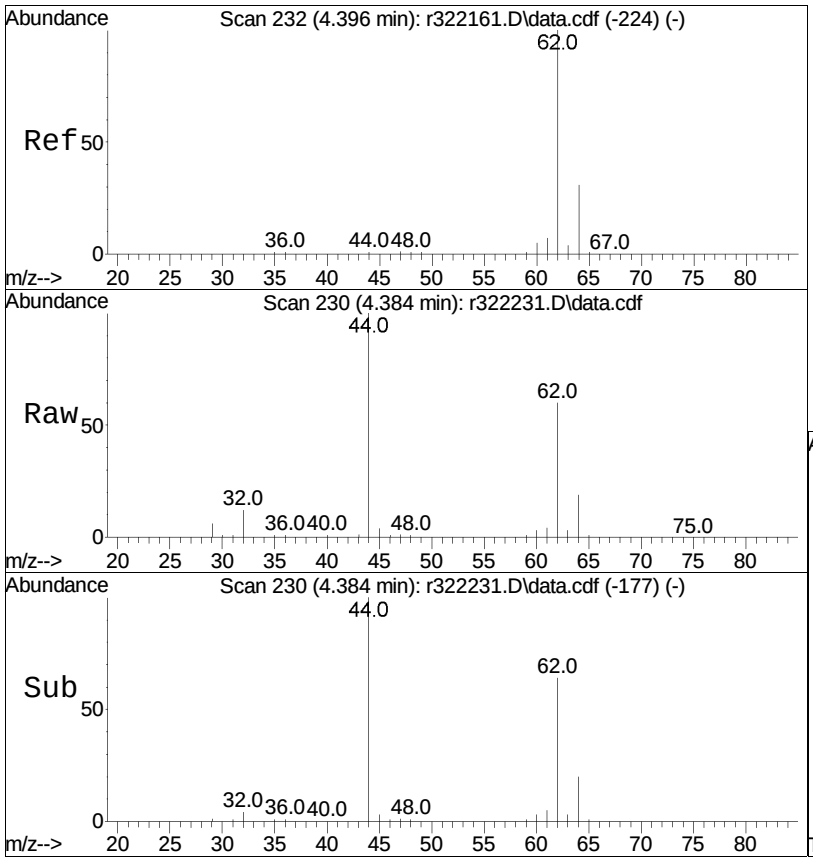
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Sub List : TO15-NY - .s\Data\Airpiano3\2022\05\0519T\r322225.D

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0519T\
Data File : r322231.D
Acq On : 19 May 2022 8:14 PM
Operator : AIRPIANO3:TS
Sample : L2225590-03D,3,3.21,250
Misc : WG1640711,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 20 13:25:02 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0519T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

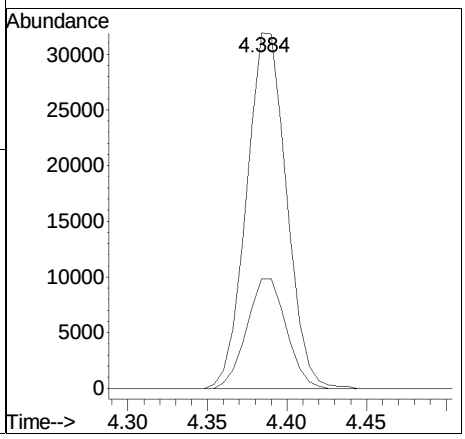


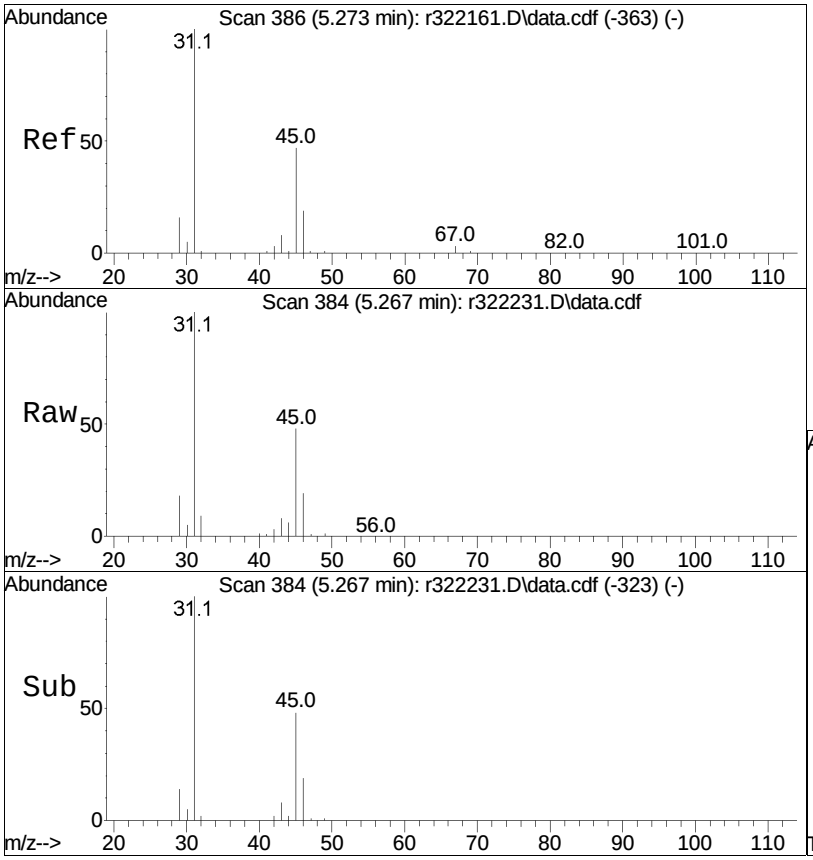


#9
vinyl chloride
Concen: 2.52 ppbV
RT: 4.384 min Scan# 230
Delta R.T. -0.012 min
Lab File: r322231.D
Acq: 19 May 2022 8:14 PM

Tgt Ion: 62 Resp: 55636

Ion	Ratio	Lower	Upper
62	100		
64	30.8	24.4	36.6

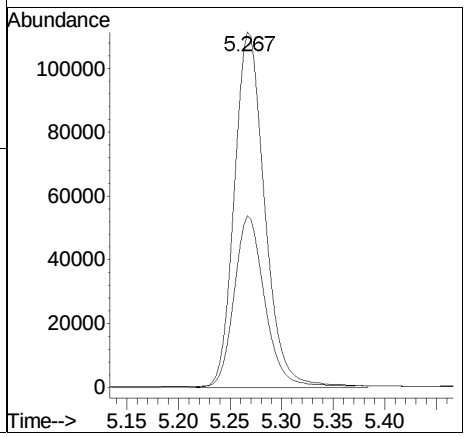


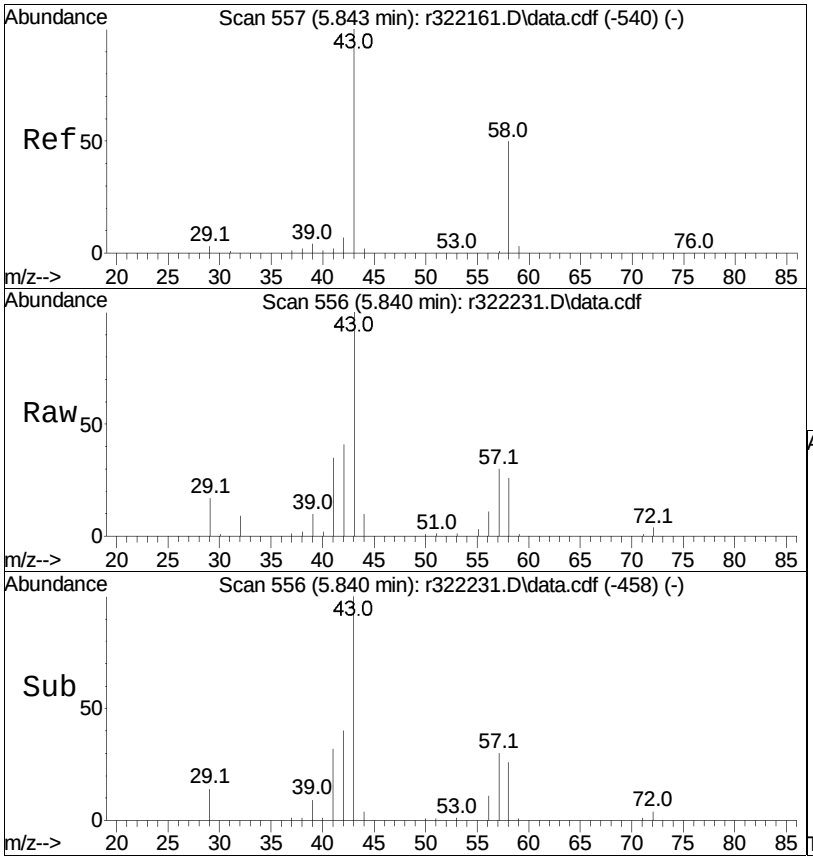


#15
ethanol
Concen: 13.16 ppbV
RT: 5.267 min Scan# 384
Delta R.T. -0.007 min
Lab File: r322231.D
Acq: 19 May 2022 8:14 PM

Tgt Ion: 31 Resp: 228834

Ion	Ratio	Lower	Upper
31	100		
45	48.3	37.6	56.4

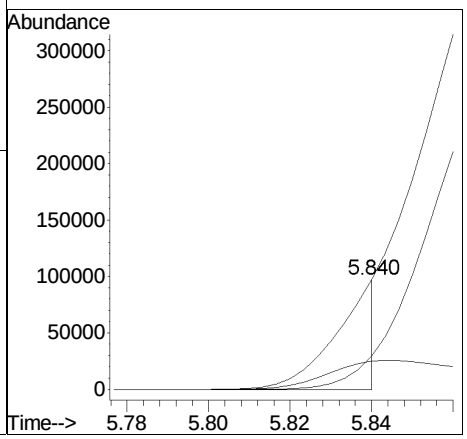


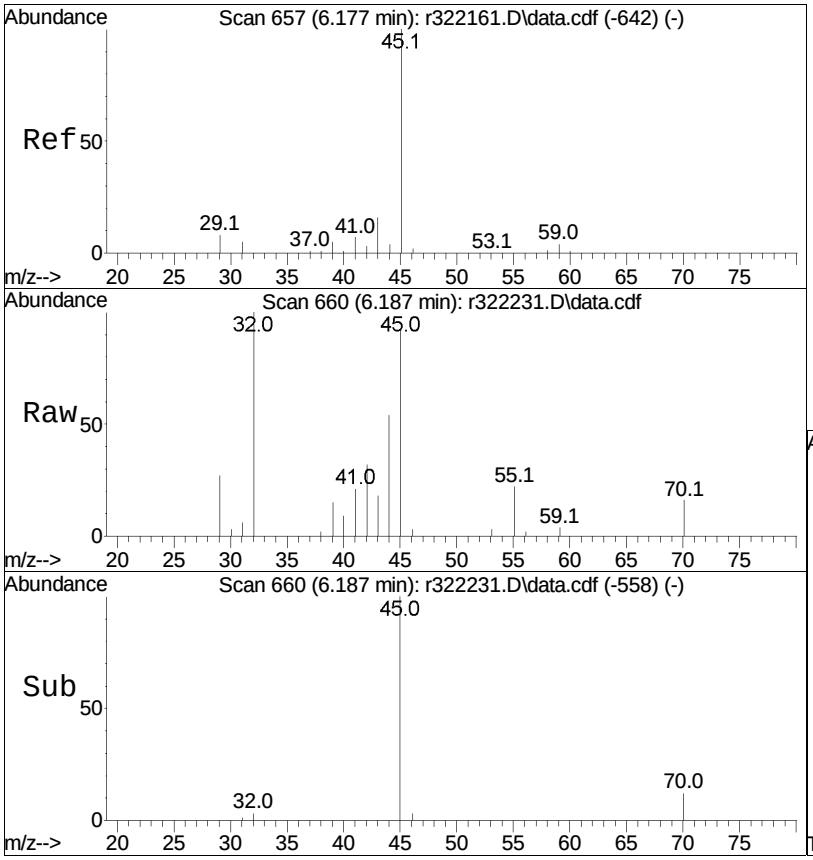


#19
acetone
Concen: 2.74 ppbV m
RT: 5.840 min Scan# 556
Delta R.T. -0.003 min
Lab File: r322231.D
Acq: 19 May 2022 8:14 PM

Tgt Ion: 43 Resp: 68041

Ion	Ratio	Lower	Upper
43	100		
58	25.8	39.8	59.8#
57	30.4	1.0	1.6#

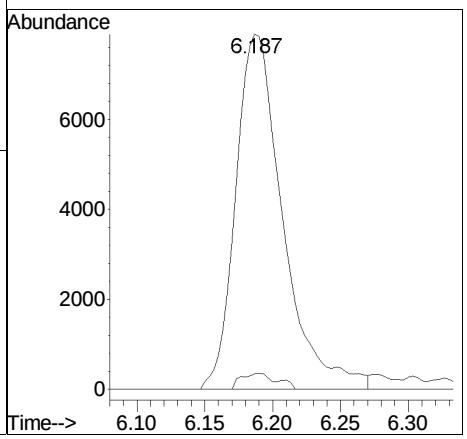


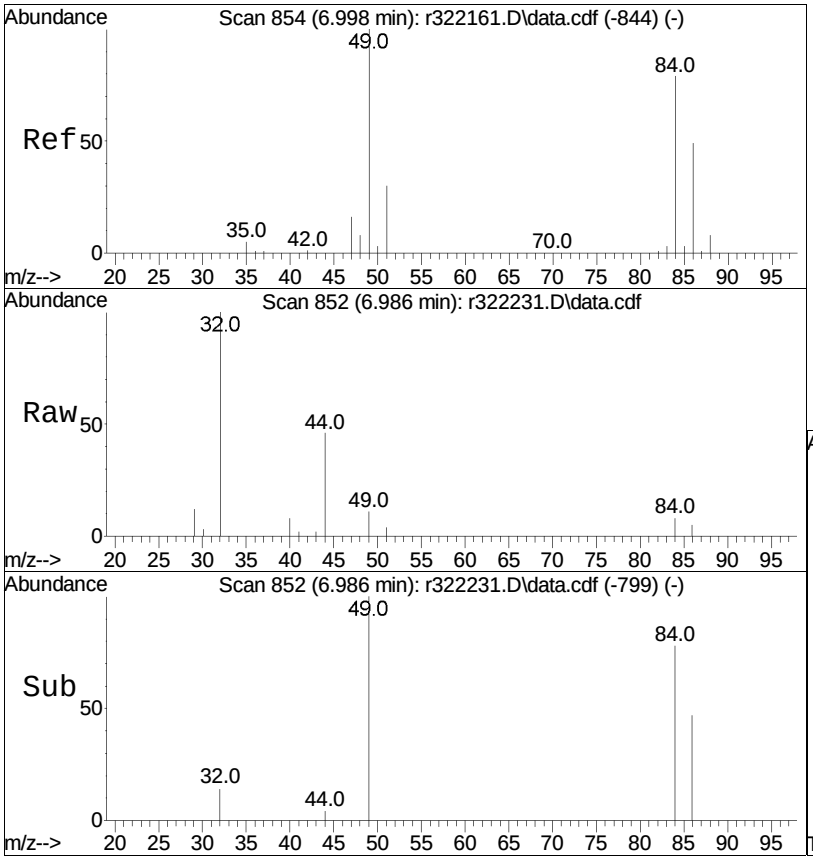


#22
isopropyl alcohol
Concen: 0.64 ppbV
RT: 6.187 min Scan# 660
Delta R.T. 0.010 min
Lab File: r322231.D
Acq: 19 May 2022 8:14 PM

Tgt Ion: 45 Resp: 19068

Ion	Ratio	Lower	Upper
45	100		
59	4.4	3.5	5.3

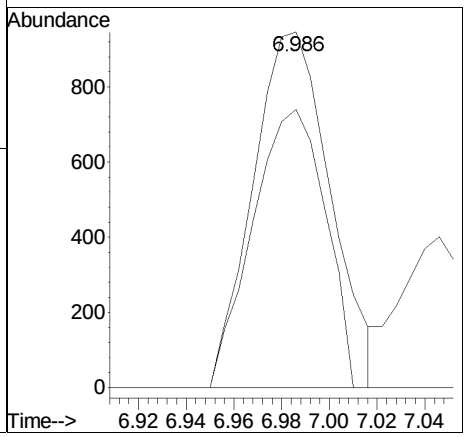


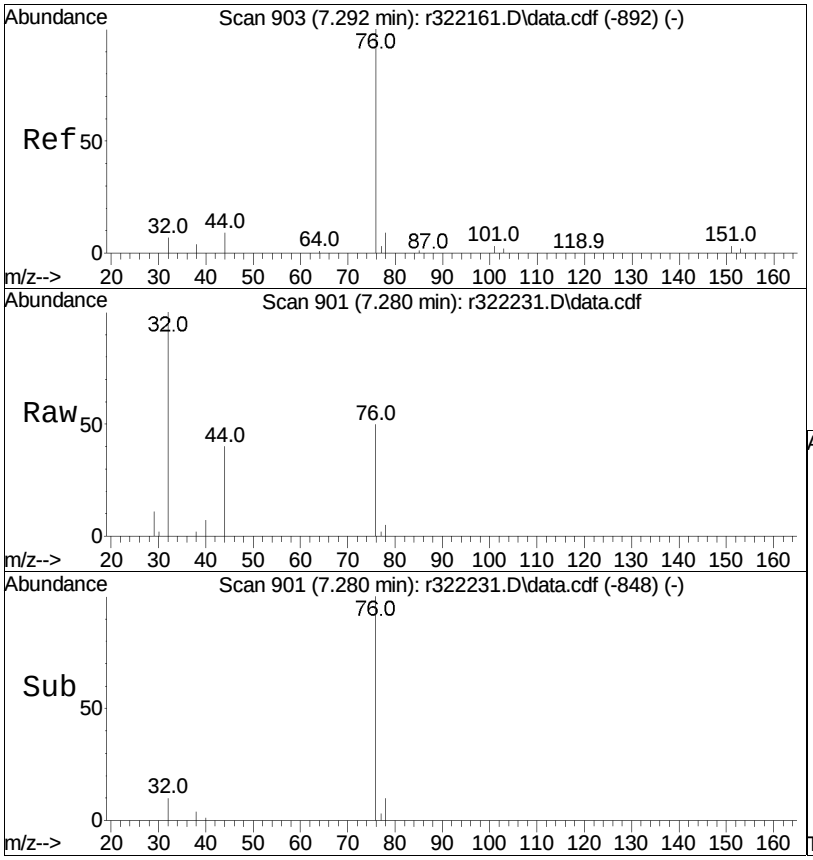


#28
methylene chloride
Concen: 0.08 ppbV
RT: 6.986 min Scan# 852
Delta R.T. -0.012 min
Lab File: r322231.D
Acq: 19 May 2022 8:14 PM

Tgt Ion: 49 Resp: 2133

Ion	Ratio	Lower	Upper
49	100		
84	78.2	63.0	94.6

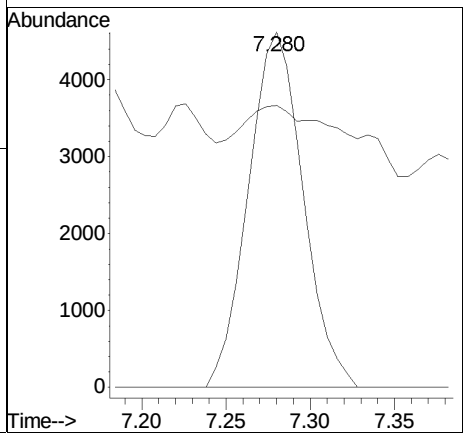


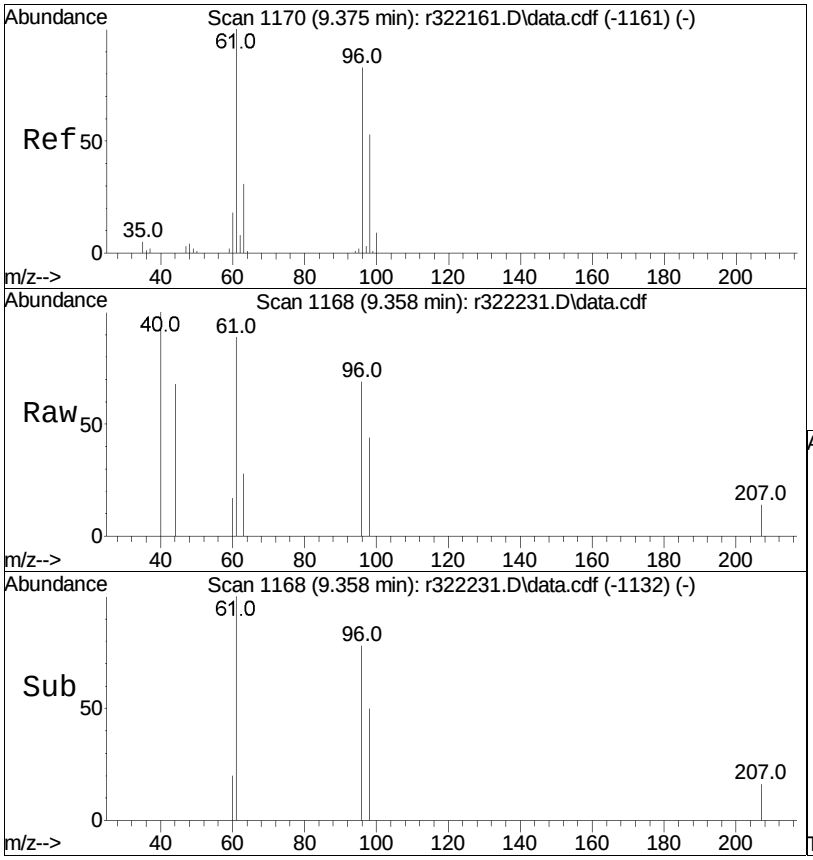


#30
carbon disulfide
Concen: 0.16 ppbV
RT: 7.280 min Scan# 901
Delta R.T. -0.012 min
Lab File: r322231.D
Acq: 19 May 2022 8:14 PM

Tgt Ion: 76 Resp: 10434

Ion	Ratio	Lower	Upper
76	100		
44	79.4	7.6	11.4#

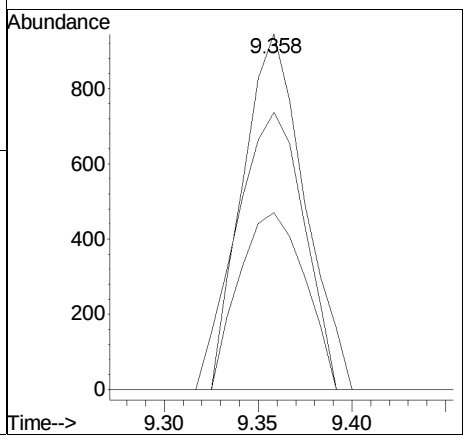


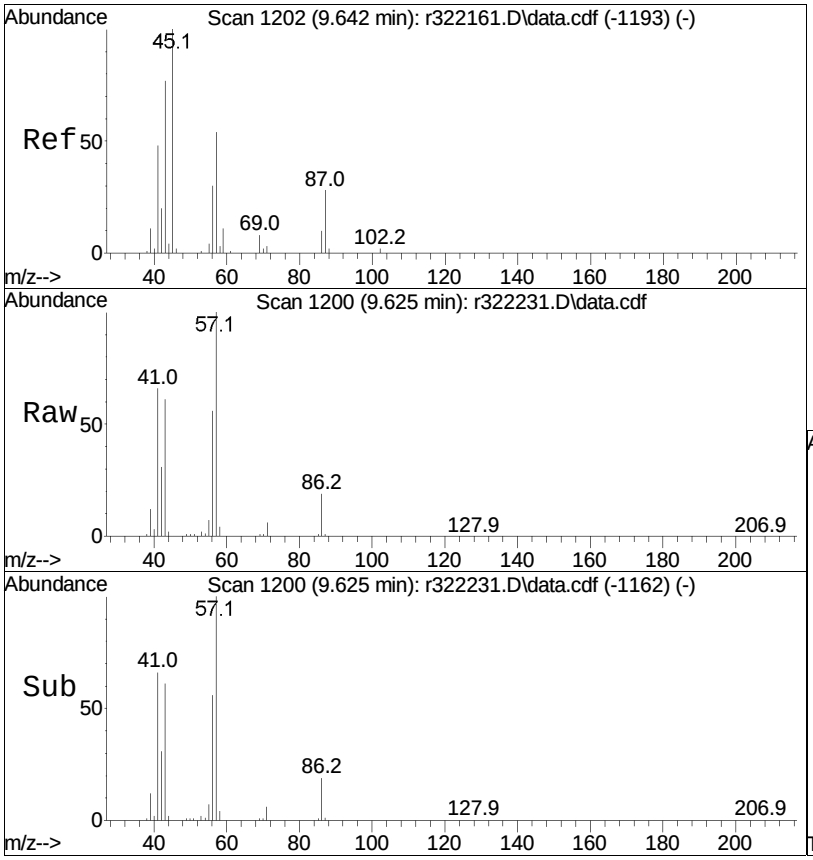


#37
cis-1,2-dichloroethene
Concen: 0.08 ppbV
RT: 9.358 min Scan# 1168
Delta R.T. -0.017 min
Lab File: r322231.D
Acq: 19 May 2022 8:14 PM

Tgt Ion: 61 Resp: 2169

Ion	Ratio	Lower	Upper
61	100		
96	78.0	66.4	99.6
98	49.7	42.5	63.7

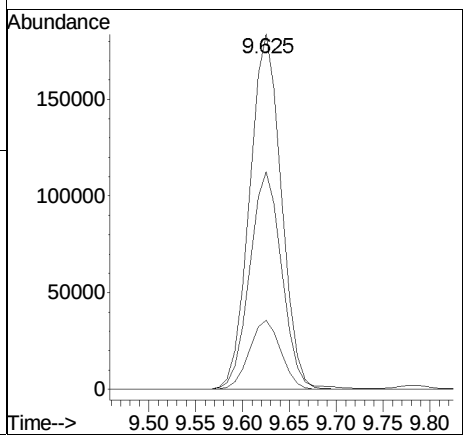


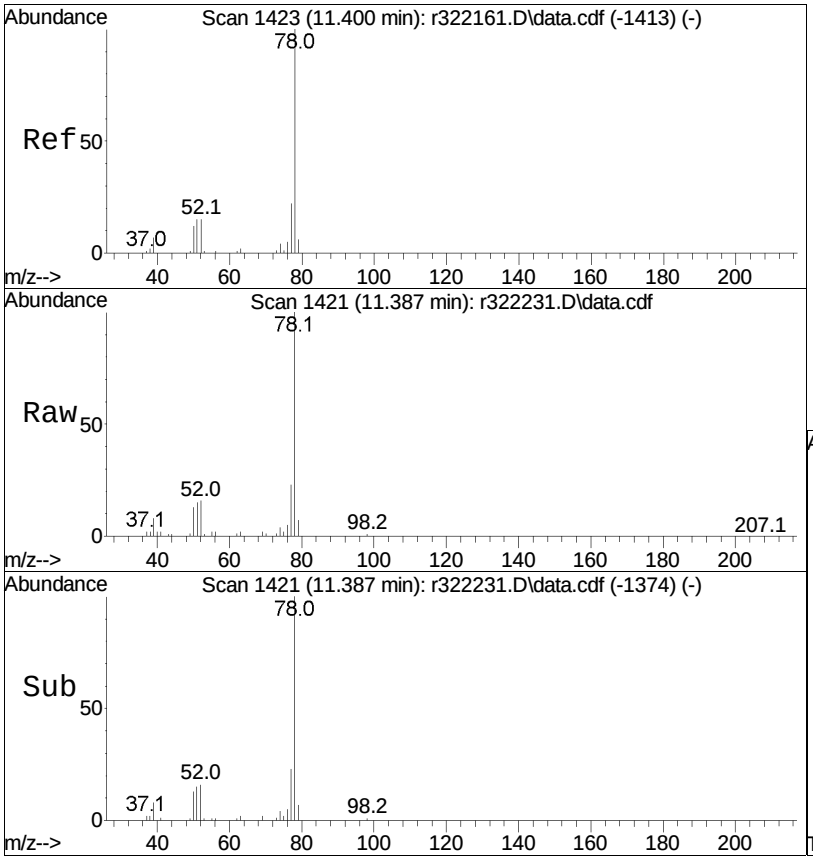


#44
hexane
Concen: 10.85 ppbV
RT: 9.625 min Scan# 1200
Delta R.T. -0.017 min
Lab File: r322231.D
Acq: 19 May 2022 8:14 PM

Tgt Ion: 57 Resp: 430764

Ion	Ratio	Lower	Upper
57	100		
43	61.2	115.0	172.6#
86	19.4	15.5	23.3

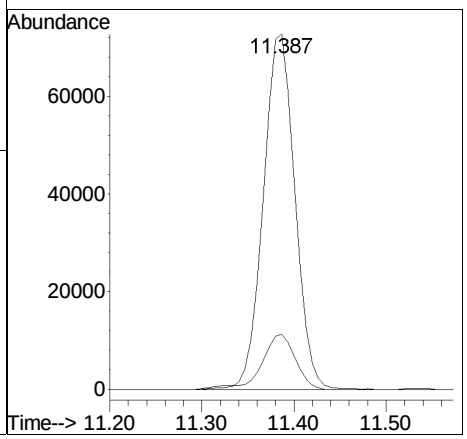


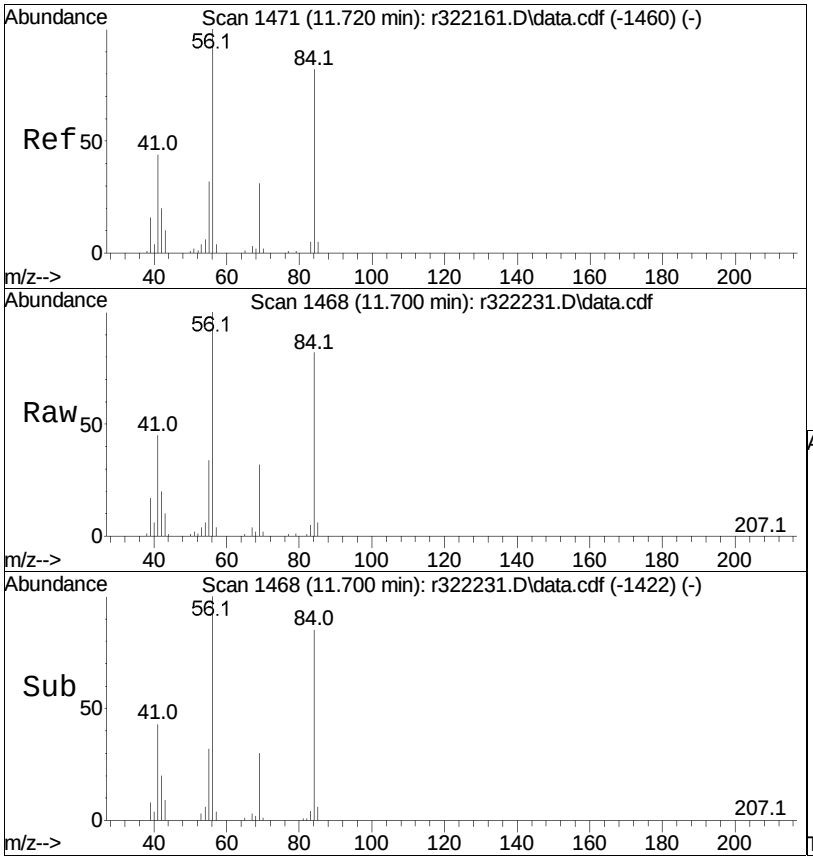


#50
benzene
Concen: 2.13 ppbV
RT: 11.387 min Scan# 1421
Delta R.T. -0.013 min
Lab File: r322231.D
Acq: 19 May 2022 8:14 PM

Tgt Ion: 78 Resp: 173478

Ion	Ratio	Lower	Upper
78	100		
52	15.5	12.2	18.2

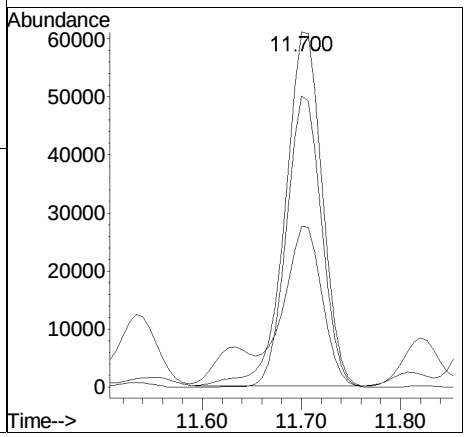


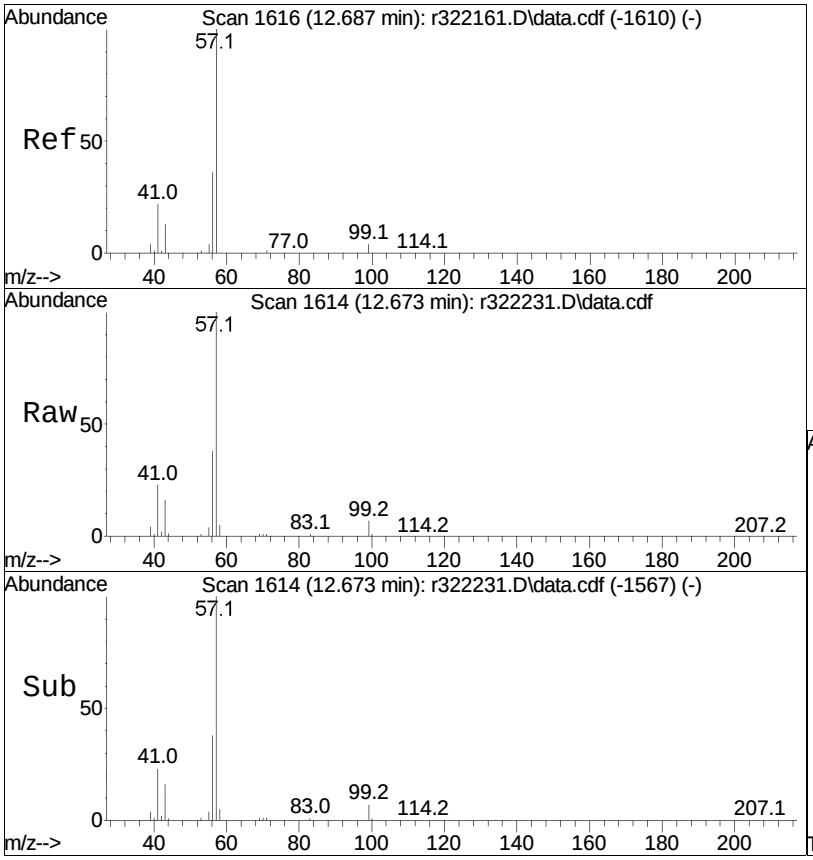


#53
cyclohexane
Concen: 3.84 ppbV
RT: 11.700 min Scan# 1468
Delta R.T. -0.020 min
Lab File: r322231.D
Acq: 19 May 2022 8:14 PM

Tgt Ion: 56 Resp: 158639

Ion	Ratio	Lower	Upper
56	100		
84	82.0	65.4	98.0
41	45.2	35.4	53.2

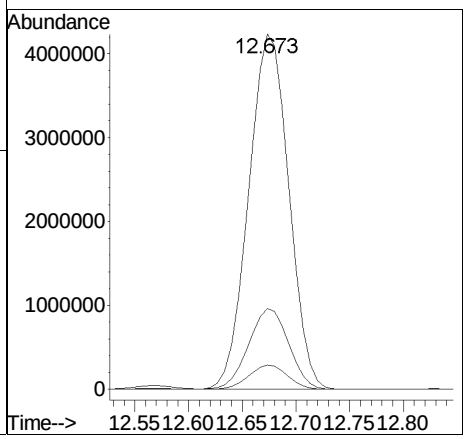


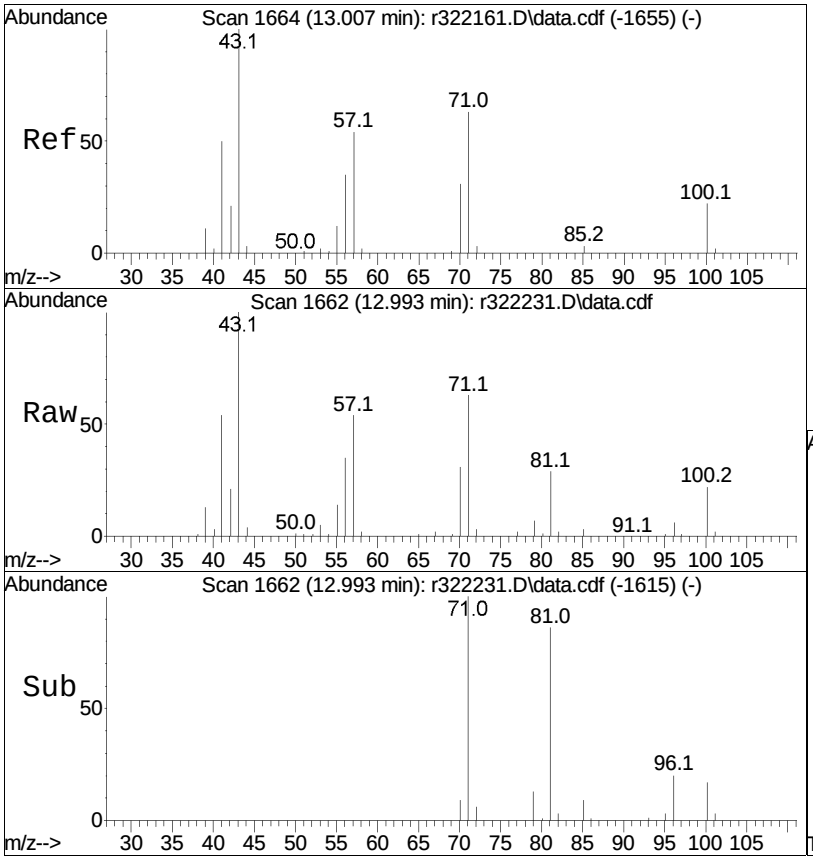


#60
2,2,4-trimethylpentane
Concen: 89.45 ppbV
RT: 12.673 min Scan# 1614
Delta R.T. -0.013 min
Lab File: r322231.D
Acq: 19 May 2022 8:14 PM

Tgt Ion: 57 Resp:10978364

Ion	Ratio	Lower	Upper
57	100		
99	6.9	5.0	7.4
41	22.8	17.4	26.2

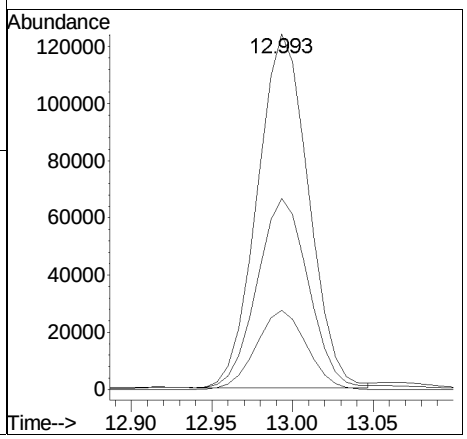


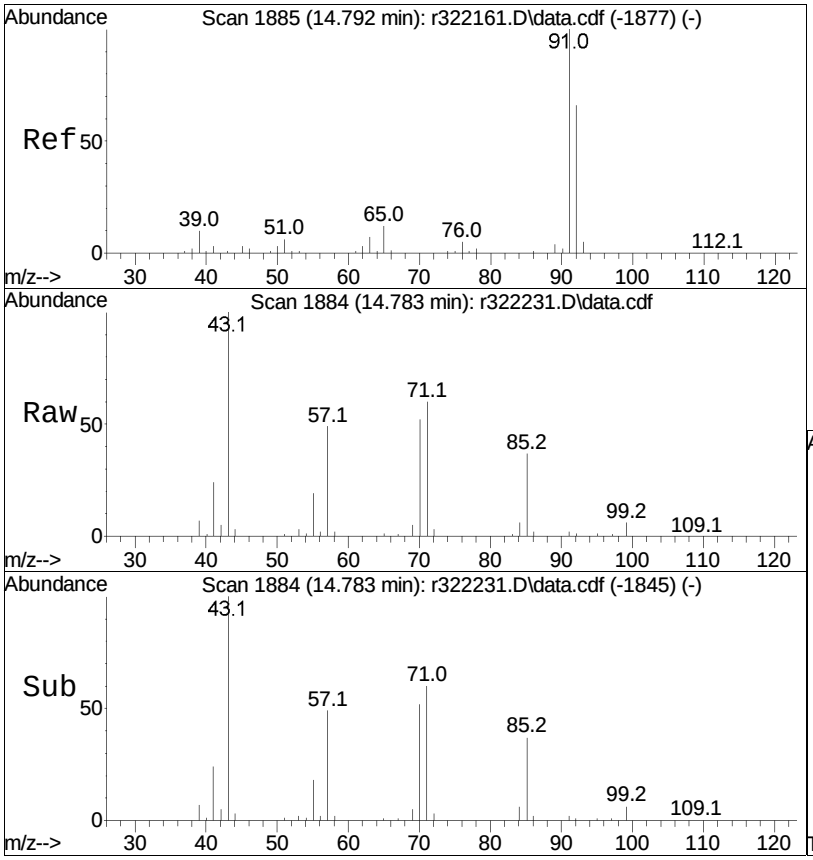


#62
heptane
Concen: 5.97 ppbV
RT: 12.993 min Scan# 1662
Delta R.T. -0.013 min
Lab File: r322231.D
Acq: 19 May 2022 8:14 PM

Tgt Ion: 43 Resp: 273079

Ion	Ratio	Lower	Upper
43	100		
57	53.8	43.0	64.4
100	22.3	17.6	26.4

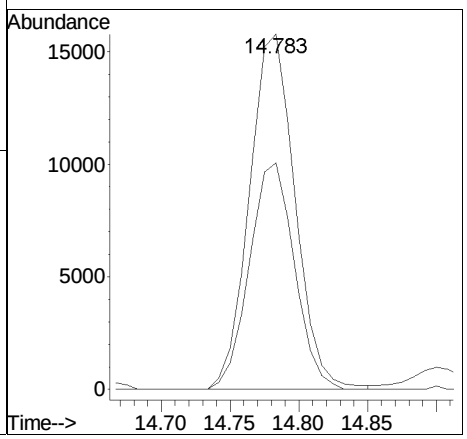


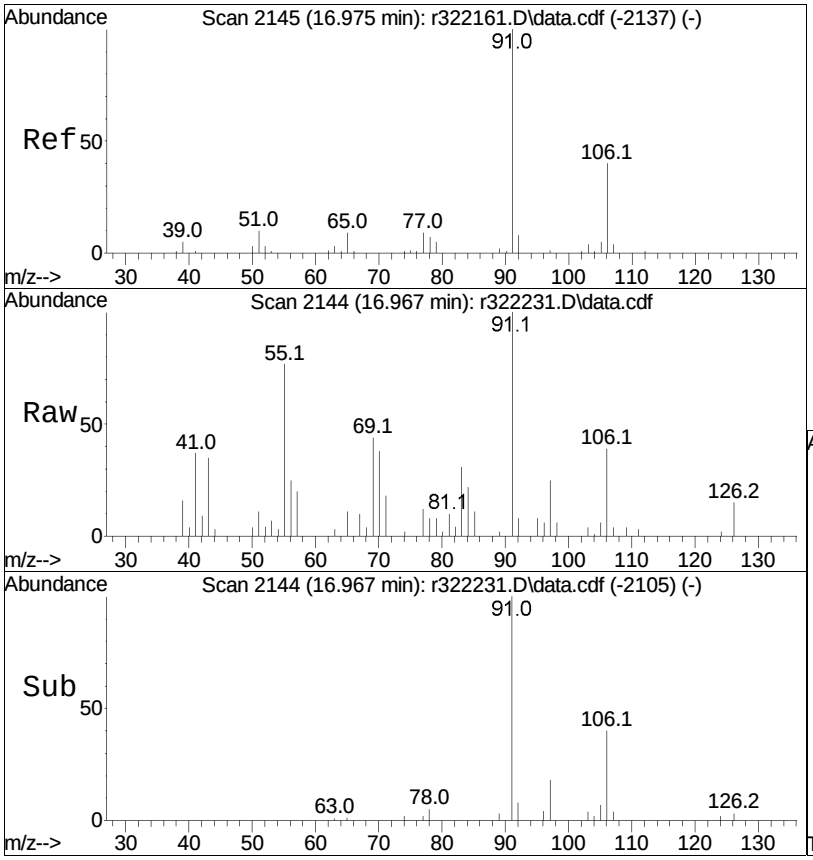


#68
toluene
Concen: 0.41 ppbV
RT: 14.783 min Scan# 1884
Delta R.T. -0.008 min
Lab File: r322231.D
Acq: 19 May 2022 8:14 PM

Tgt Ion: 91 Resp: 36422

Ion	Ratio	Lower	Upper
91	100		
92	63.7	52.7	79.1

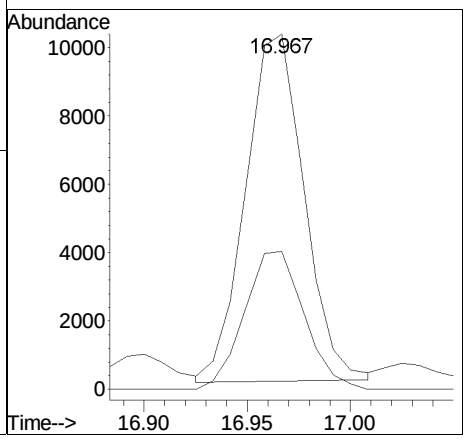


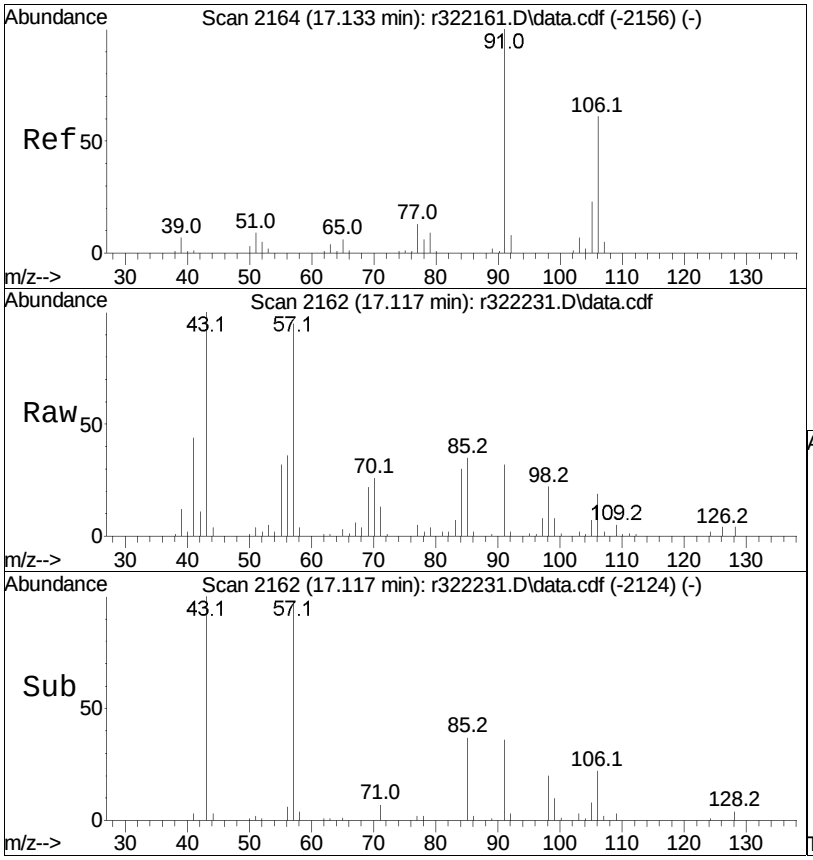


#81
ethylbenzene
Concen: 0.19 ppbV
RT: 16.967 min Scan# 2144
Delta R.T. -0.008 min
Lab File: r322231.D
Acq: 19 May 2022 8:14 PM

Tgt Ion: 91 Resp: 20037

Ion	Ratio	Lower	Upper
91	100		
106	38.8	32.4	48.6

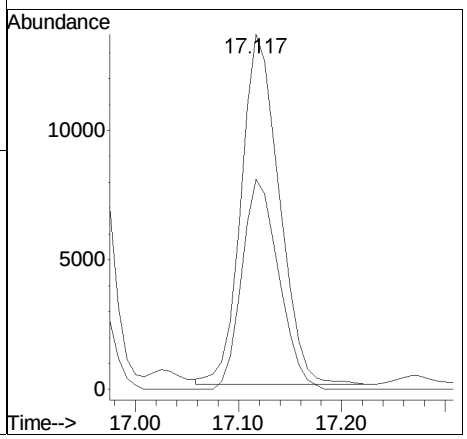


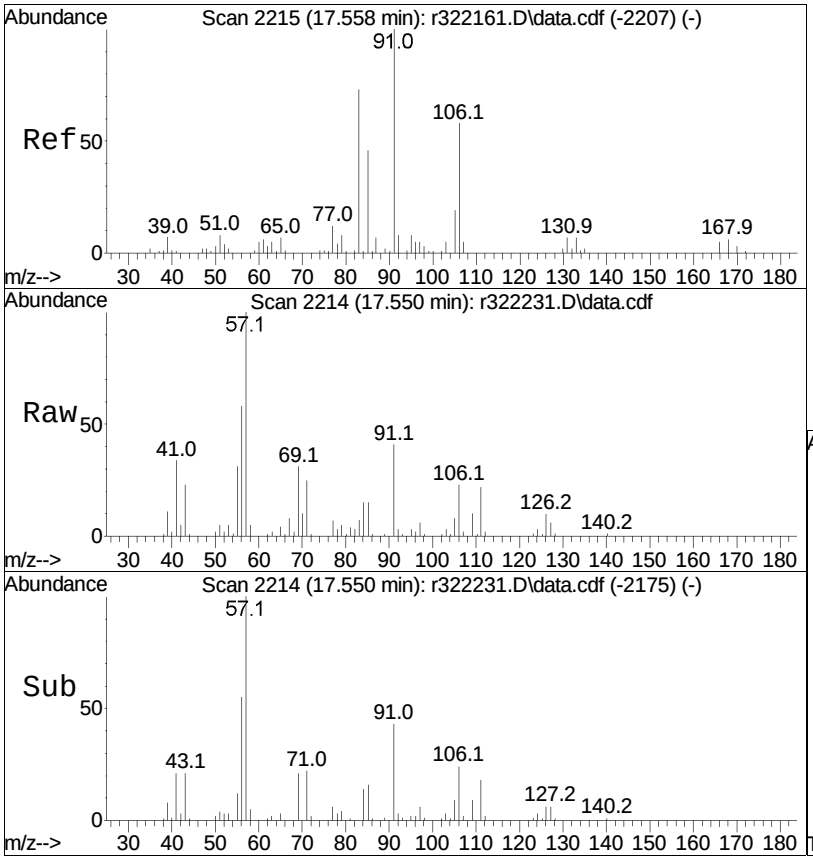


#83
m+p-xylene
Concen: 0.40 ppbV
RT: 17.117 min Scan# 2162
Delta R.T. -0.017 min
Lab File: r322231.D
Acq: 19 May 2022 8:14 PM

Tgt Ion: 91 Resp: 34703

Ion	Ratio	Lower	Upper
91	100		
106	59.1	48.4	72.6

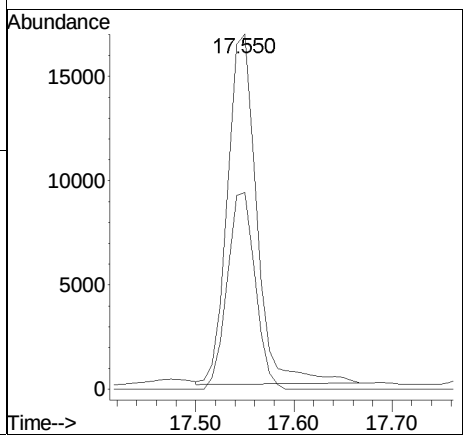


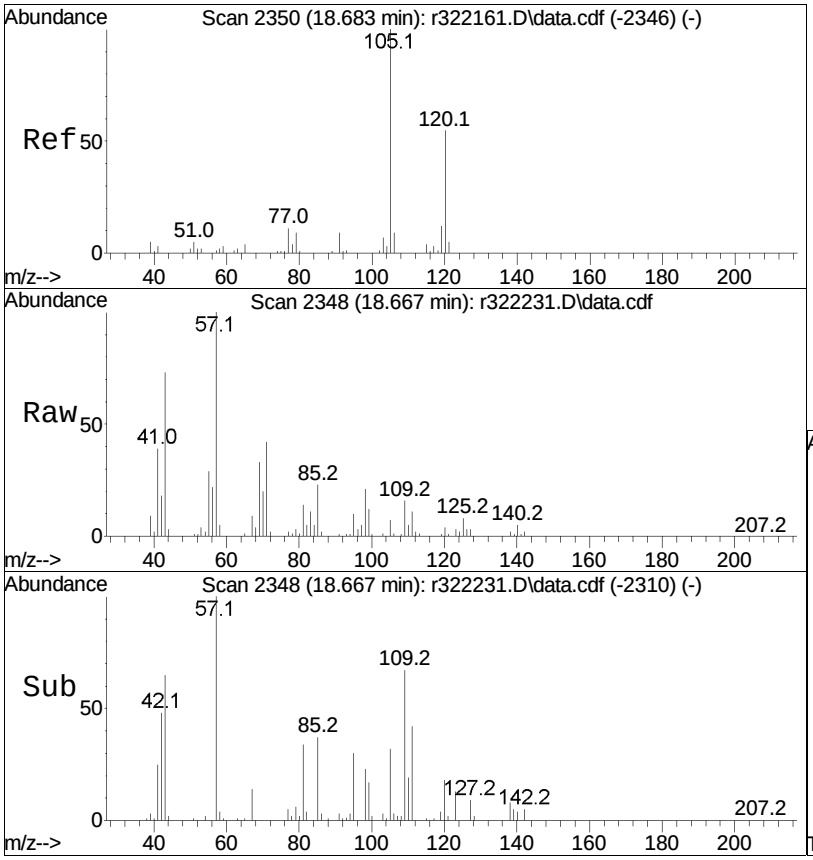


#87
o-xylene
Concen: 0.41 ppbV
RT: 17.550 min Scan# 2214
Delta R.T. -0.008 min
Lab File: r322231.D
Acq: 19 May 2022 8:14 PM

Tgt Ion: 91 Resp: 34969

Ion	Ratio	Lower	Upper
91	100		
106	55.4	46.4	69.6

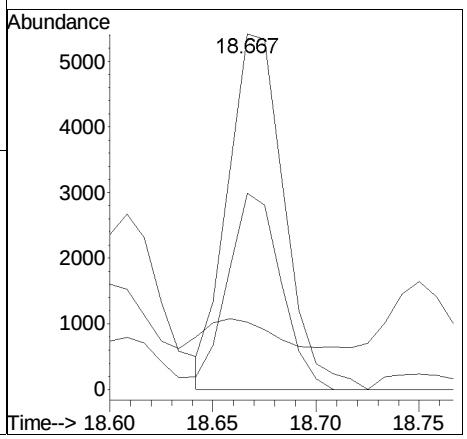


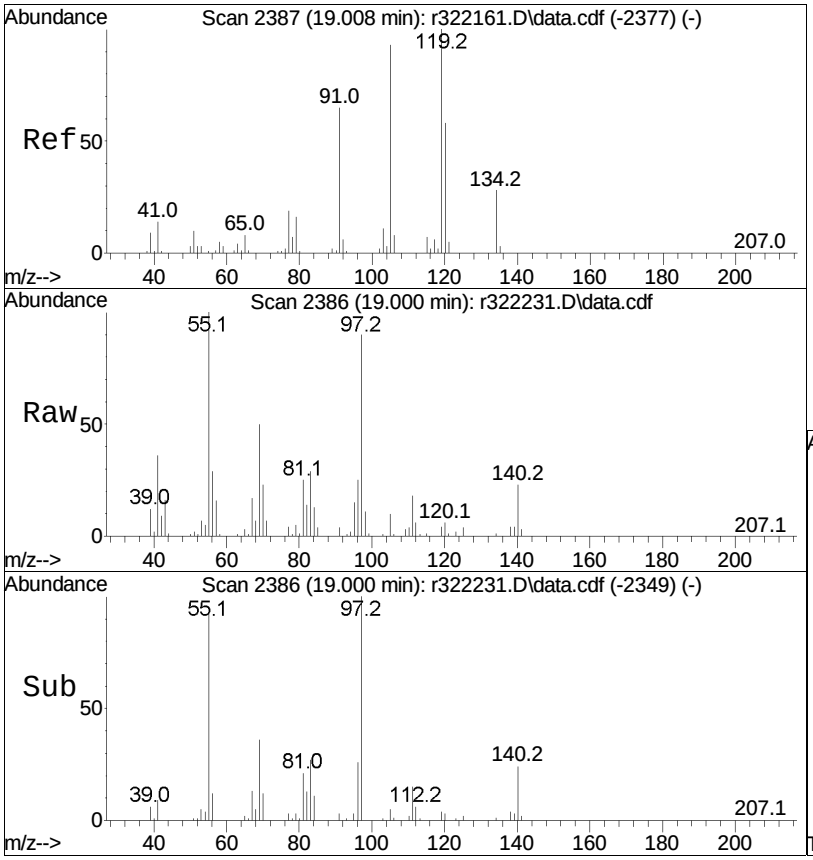


#97
1,3,5-trimethylbenzene
Concen: 0.09 ppbV
RT: 18.667 min Scan# 2348
Delta R.T. -0.017 min
Lab File: r322231.D
Acq: 19 May 2022 8:14 PM

Tgt Ion:105 Resp: 10330

Ion	Ratio	Lower	Upper
105	100		
120	55.2	43.7	65.5
91	18.9	7.0	10.4#

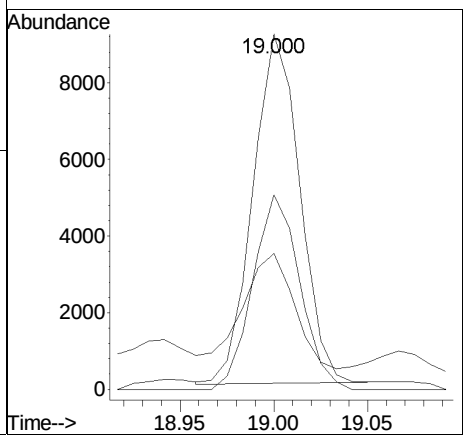




#99
1,2,4-trimethylbenzene
Concen: 0.15 ppbV
RT: 19.000 min Scan# 2386
Delta R.T. -0.008 min
Lab File: r322231.D
Acq: 19 May 2022 8:14 PM

Tgt Ion:105 Resp: 15861

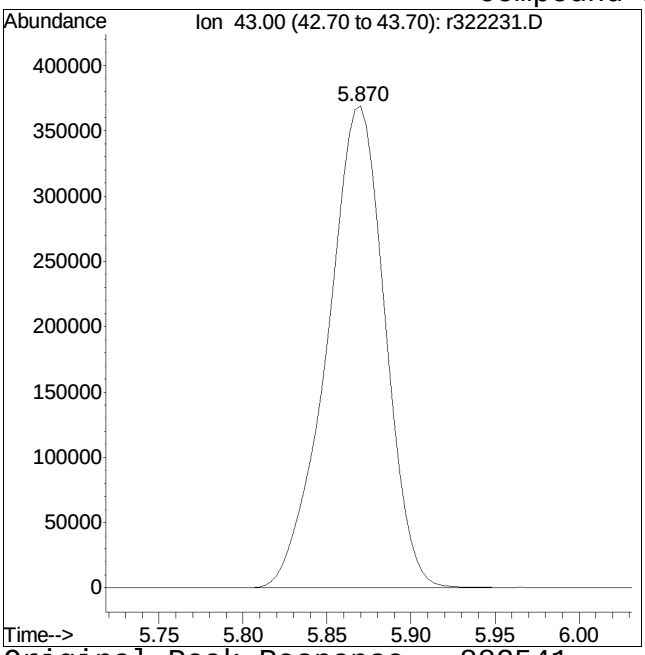
Ion	Ratio	Lower	Upper
105	100		
120	54.8	49.4	74.2
91	38.2	55.8	83.8#



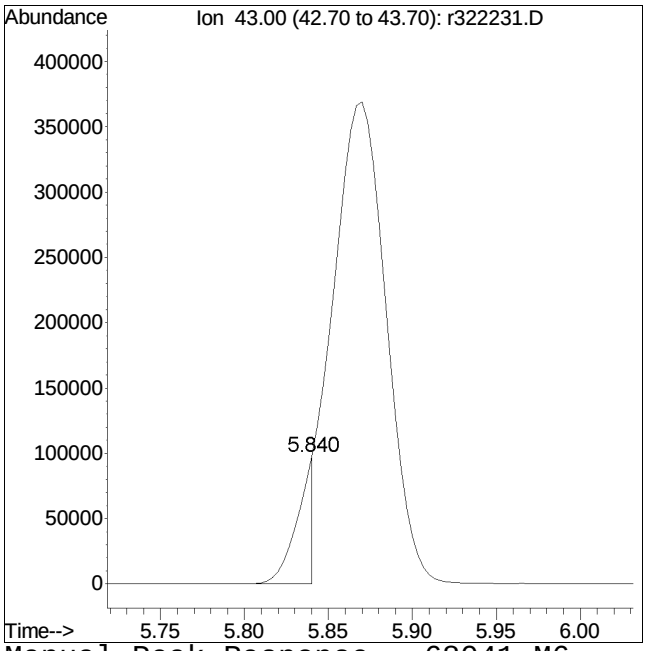
Manual Integration Report

Data Path : O:\Forensics\Data\AirpianoQMethod : TFS3_220516.M
Data File : r322231.D Operator : AIRPIANO3:TS
Date Inj'd : 5/19/2020 0:8: 4 Instrument :
Sample : L2225590-03D,3,3.21,250 Quant Date : 5/20/2022 8:04 am

Compound #19: acetone



Original Peak Response = 882541



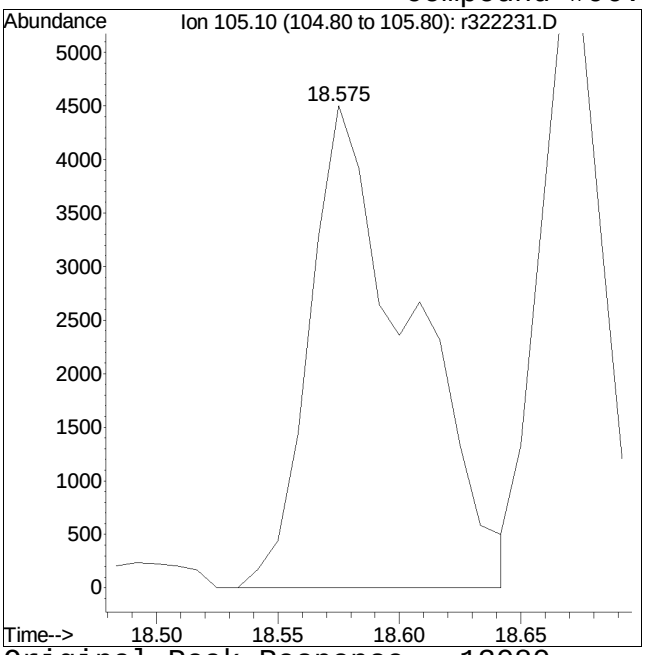
Manual Peak Response = 68041 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

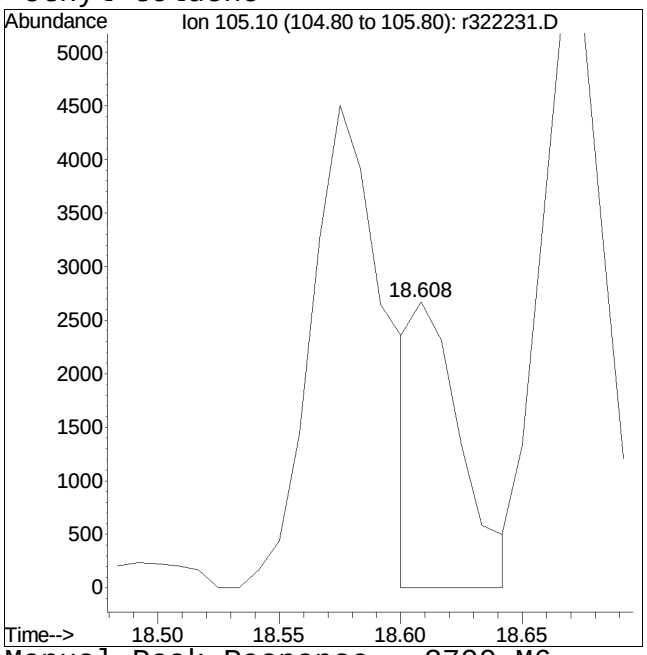
Manual Integration Report

Data Path : O:\Forensics\Data\AirpianoQMethod : TFS3_220516.M
Data File : r322231.D Operator : AIRPIANO3:TS
Date Inj'd : 5/19/2020 0:8: 4 Instrument :
Sample : L2225590-03D,3,3.21,250 Quant Date : 5/20/2022 8:04 am

Compound #96: 4-ethyl toluene



Original Peak Response = 13080



Manual Peak Response = 3700 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0519T\
Data File : r322232.D
Acq On : 19 May 2022 8:54 PM
Operator : AIRPIANO3:TS
Sample : L2225590-04,3,250,250
Misc : WG1640711,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 20 13:26:15 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0519T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0519T\r322225.D
Sub List : TO15-NY - .

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) bromochloromethane	9.550	49	475079	10.000	ppbV		-0.02
Standard Area = 440035			Recovery = 107.96%				
43) 1,4-difluorobenzene	11.827	114	1452364	10.000	ppbV		-0.01
Standard Area = 1334123			Recovery = 108.86%				
67) chlorobenzene-D5	16.567	54	235165	10.000	ppbV		-0.02
Standard Area = 210666			Recovery = 111.63%				
System Monitoring Compounds							
Target Compounds							Qvalue
5) dichlorodifluoromethane	3.946	85	22945	0.614	ppbV		98
6) chloromethane	4.126	50	1815	0.101	ppbV		92
7) Freon-114	4.258		0	N.D.			
9) vinyl chloride	4.384	62	5743	0.247	ppbV		97
10) 1,3-butadiene	4.552	54	1095	0.058	ppbV		89
13) bromomethane	0.000		0	N.D.			
14) chloroethane	0.000		0	N.D.			
15) ethanol	5.290	31	9574757	524.579	ppbV	#	85
17) vinyl bromide	0.000		0	N.D.			
19) acetone	5.847	43	26473147	1017.174	ppbV	#	63
21) trichlorofluoromethane	6.040	101	14828	0.436	ppbV		97
22) isopropyl alcohol	6.170	45	3294576	105.199	ppbV		99
26) 1,1-dichloroethene	6.752		0	N.D.			
27) tertiary butyl alcohol	6.896	59	1689561	43.360	ppbV		98
28) methylene chloride	6.992	49	10618	0.358	ppbV		100
29) 3-chloropropene	0.000		0	N.D.			
30) carbon disulfide	7.274	76	830514	12.227	ppbV		100
31) Freon 113	7.316	101	2903	0.076	ppbV		99
32) trans-1,2-dichloroethene	0.000		0	N.D.			
33) 1,1-dichloroethane	8.442		0	N.D.			
34) MTBE	0.000		0	N.D.	d		
36) 2-butanone	8.833	43	2177131	46.006	ppbV		99
37) cis-1,2-dichloroethene	0.000		0	N.D.	d		
38) Ethyl Acetate	0.000		0	N.D.	d		
39) chloroform	9.717	83	4036	0.109	ppbV	#	97
40) Tetrahydrofuran	10.158	42	315423	11.547	ppbV		100
42) 1,2-dichloroethane	0.000		0	N.D.			

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0519T\
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Operator : AIRPIANO3:TS
Sample : L2225590-04,3,250,250
Misc : WG1640711,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 20 13:26:15 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0519T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0519T\r322225.D
Sub List : TO15-NY - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) hexane	9.625	57	61825	1.493	ppbV #	43
48) 1,1,1-trichloroethane	10.858		0	N.D.		
50) benzene	11.387	78	43385	0.510	ppbV	94
52) carbon tetrachloride	11.560		0	N.D.		
53) cyclohexane	11.700	56	61787	1.435	ppbV #	27
56) 1,2-dichloropropane	0.000		0	N.D.		
57) bromodichloromethane	0.000		0	N.D.	d	
58) 1,4-dioxane	12.620	88	136945	7.885	ppbV	98
59) trichloroethene	12.627		0	N.D.		
60) 2,2,4-trimethylpentane	12.673	57	114367	0.894	ppbV	94
62) heptane	12.993	43	102214	2.142	ppbV	98
63) cis-1,3-dichloropropene	13.658		0	N.D.		
64) 4-methyl-2-pentanone	13.675	43	467884	8.559	ppbV	99
65) trans-1,3-dichloropropene	0.000		0	N.D.	d	
66) 1,1,2-trichloroethane	14.550		0	N.D.		
68) toluene	14.775	91	1074611	12.164	ppbV	100
72) 2-hexanone	15.067	43	160796	3.024	ppbV	94
74) dibromochloromethane	0.000		0	N.D.		
75) 1,2-dibromoethane	0.000		0	N.D.		
78) tetrachloroethene	15.950	166	312456	7.301	ppbV	98
80) chlorobenzene	0.000		0	N.D.	d	
81) ethylbenzene	16.958	91	103848	0.980	ppbV	99
83) m+p-xylene	17.117	91	325737	3.762	ppbV	100
84) bromoform	0.000		0	N.D.		
85) styrene	17.450	104	14790	0.192	ppbV	98
86) 1,1,2,2-tetrachloroethane	17.533		0	N.D.		
87) o-xylene	17.542	91	142890	1.656	ppbV	100
96) 4-ethyl toluene	18.608	105	79198M6	0.603	ppbV	
97) 1,3,5-trimethylbenzene	18.667	105	158243	1.315	ppbV	99
99) 1,2,4-trimethylbenzene	19.000	105	477757M6	4.534	ppbV	
101) Benzyl Chloride	0.000		0	N.D.	d	
102) 1,3-dichlorobenzene	19.125		0	N.D.		
103) 1,4-dichlorobenzene	19.183		0	N.D.		
107) 1,2-dichlorobenzene	0.000		0	N.D.		
115) 1,2,4-trichlorobenzene	20.942		0	N.D.		
119) hexachlorobutadiene	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0519T\
Data File : r322232.D
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Sample : L2225590-04,3,250,250
Misc : WG1640711,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 20 13:26:15 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0519T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
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CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0519T\r322225.D
Sub List : TO15-NY - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Sub List : TO15-NY - .s\Data\Airpiano3\2022\05\0519T\r322225.D

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0519T\
Data File : r322232.D
Acq On : 19 May 2022 8:54 PM
Operator : AIRPIANO3:TS
Sample : L2225590-04,3,250,250
Misc : WG1640711,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 20 13:26:15 2022
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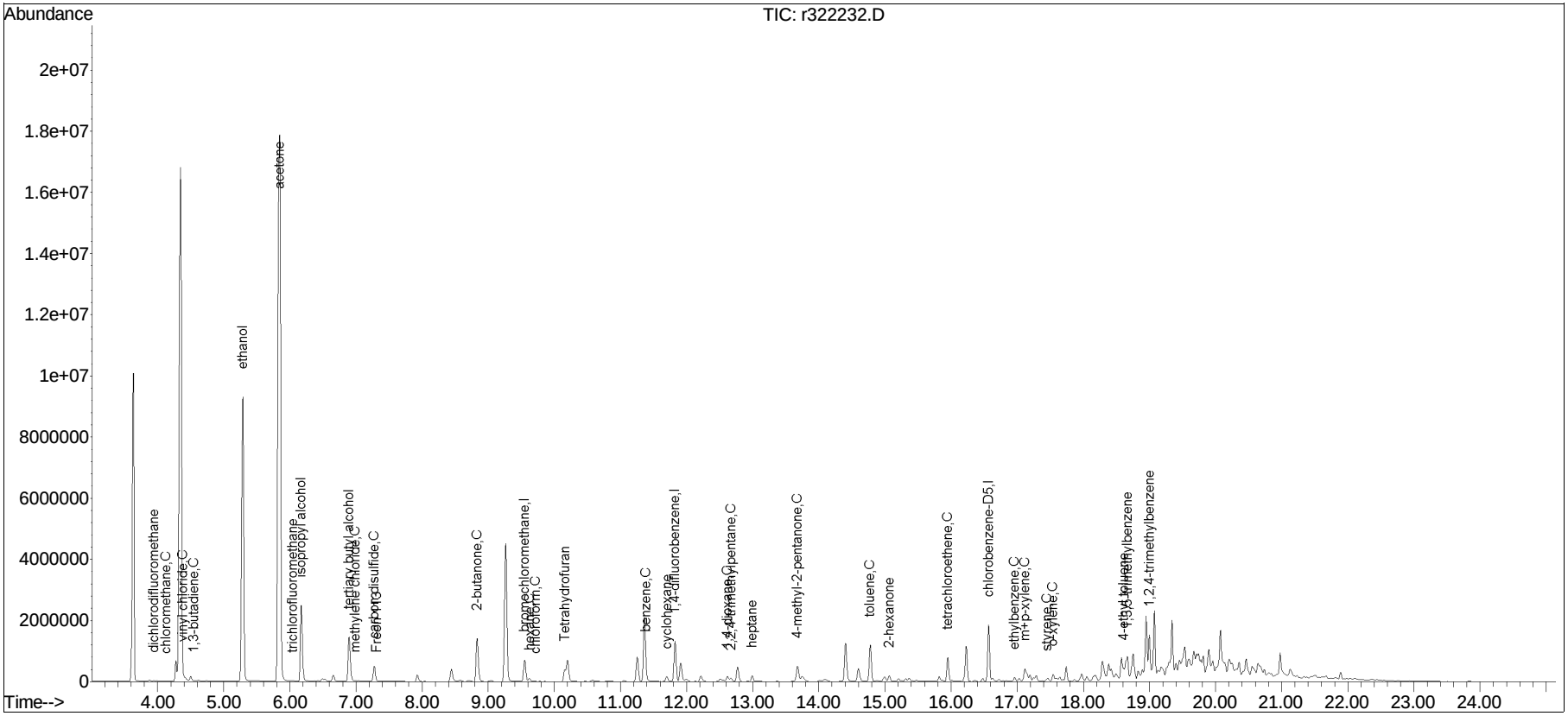
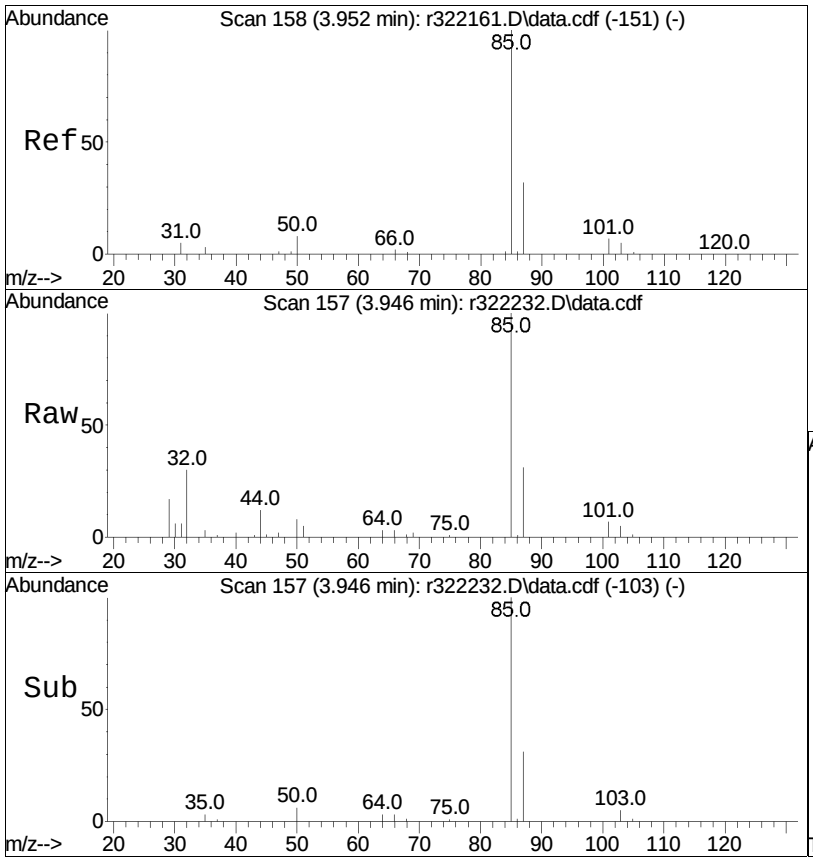
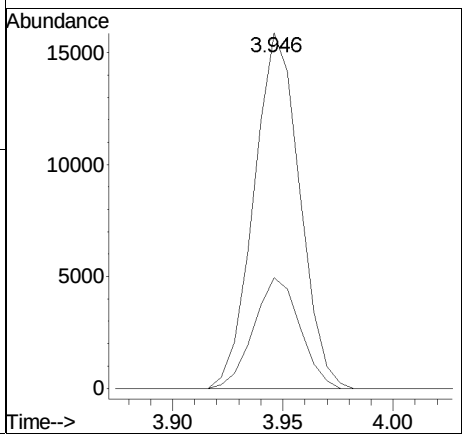


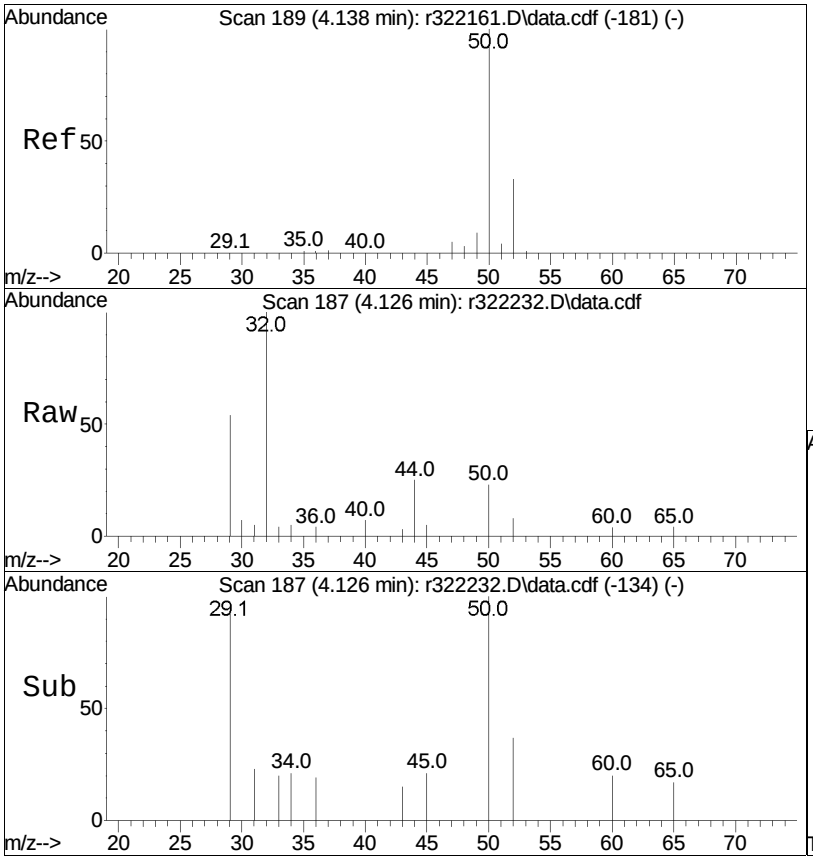


#5
dichlorodifluoromethane
Concen: 0.61 ppbV
RT: 3.946 min Scan# 157
Delta R.T. -0.006 min
Lab File: r322232.D
Acq: 19 May 2022 8:54 PM

Tgt Ion: 85 Resp: 22945

Ion	Ratio	Lower	Upper
85	100		
87	31.1	25.8	38.6

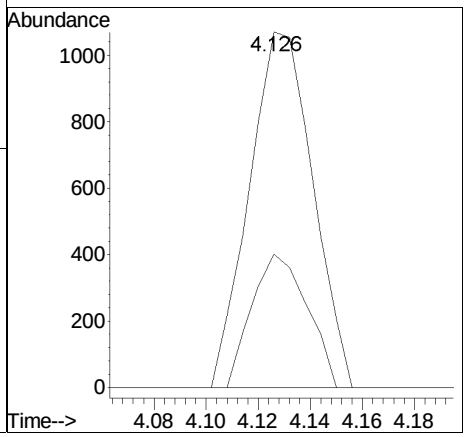


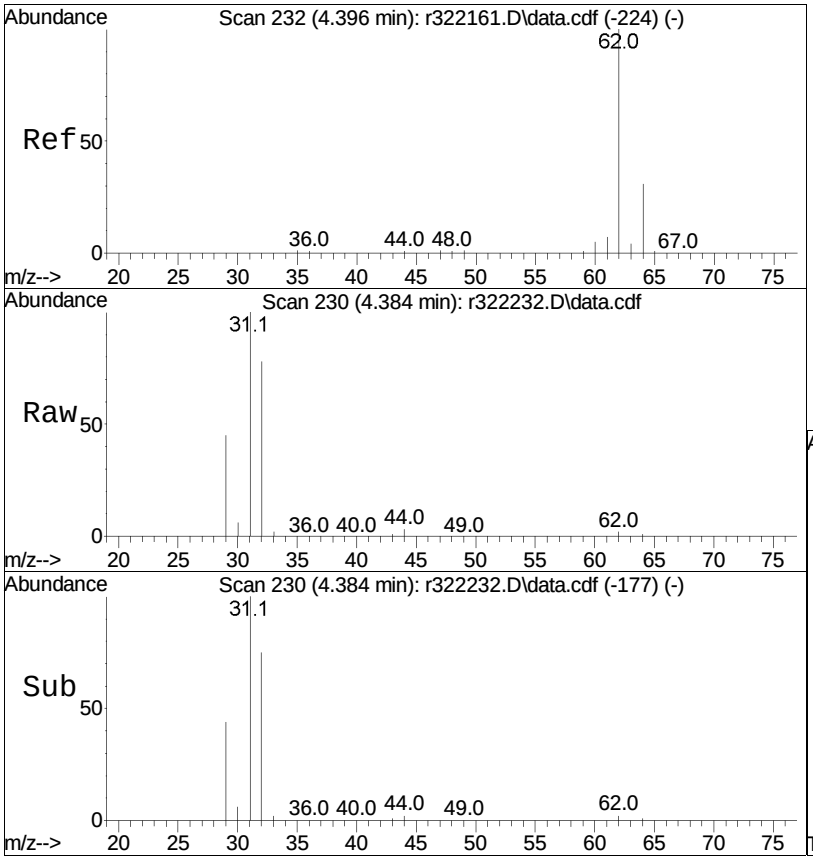


#6
chloromethane
Concen: 0.10 ppbV
RT: 4.126 min Scan# 187
Delta R.T. -0.012 min
Lab File: r322232.D
Acq: 19 May 2022 8:54 PM

Tgt Ion: 50 Resp: 1815

Ion	Ratio	Lower	Upper
50	100		
52	37.5	26.3	39.5

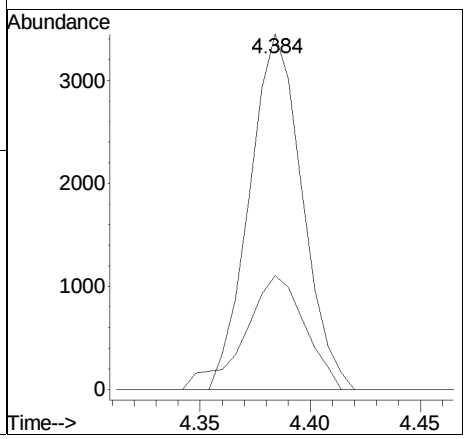


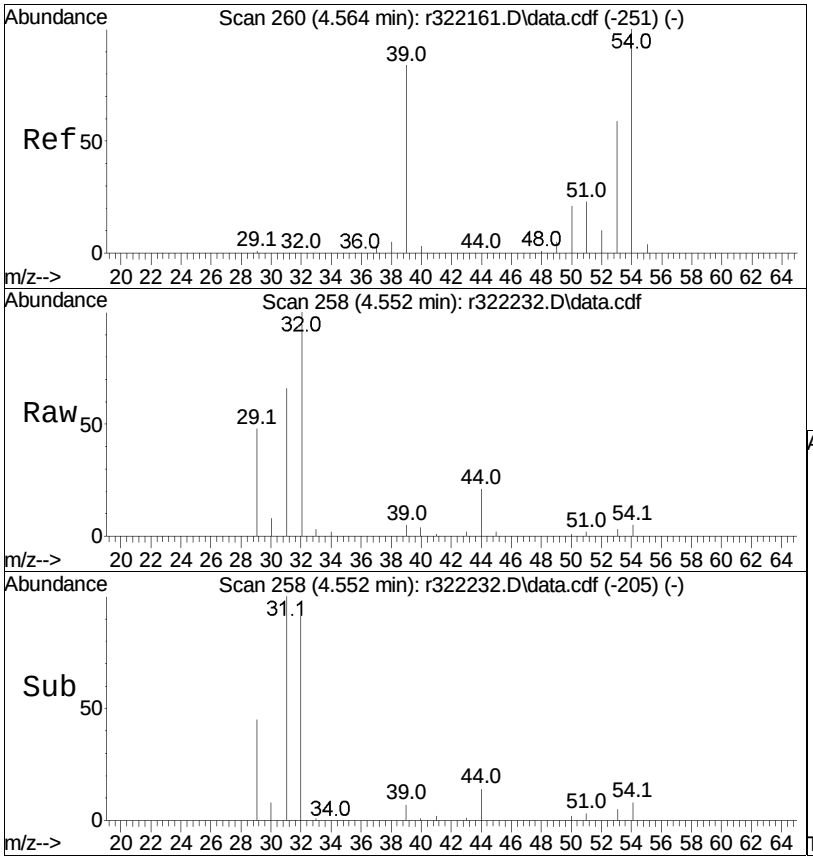


#9
vinyl chloride
Concen: 0.25 ppbV
RT: 4.384 min Scan# 230
Delta R.T. -0.012 min
Lab File: r322232.D
Acq: 19 May 2022 8:54 PM

Tgt Ion: 62 Resp: 5743

Ion	Ratio	Lower	Upper
62	100		
64	32.0	24.4	36.6

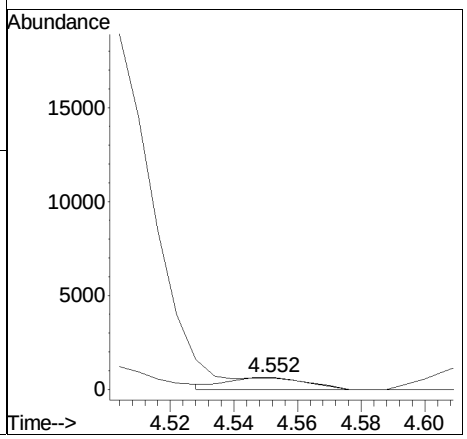


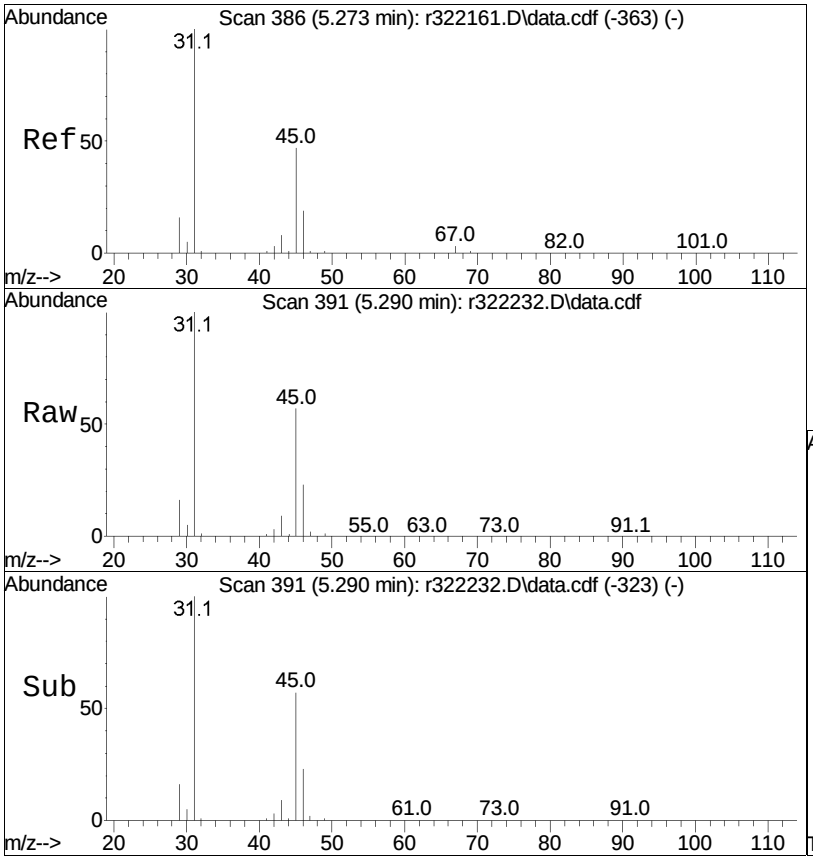


#10
1,3-butadiene
Concen: 0.06 ppbV
RT: 4.552 min Scan# 258
Delta R.T. -0.012 min
Lab File: r322232.D
Acq: 19 May 2022 8:54 PM

Tgt Ion: 54 Resp: 1095

Ion	Ratio	Lower	Upper
54	100		
39	95.2	67.8	101.8

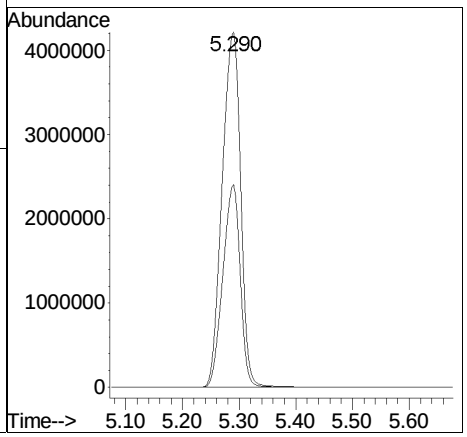


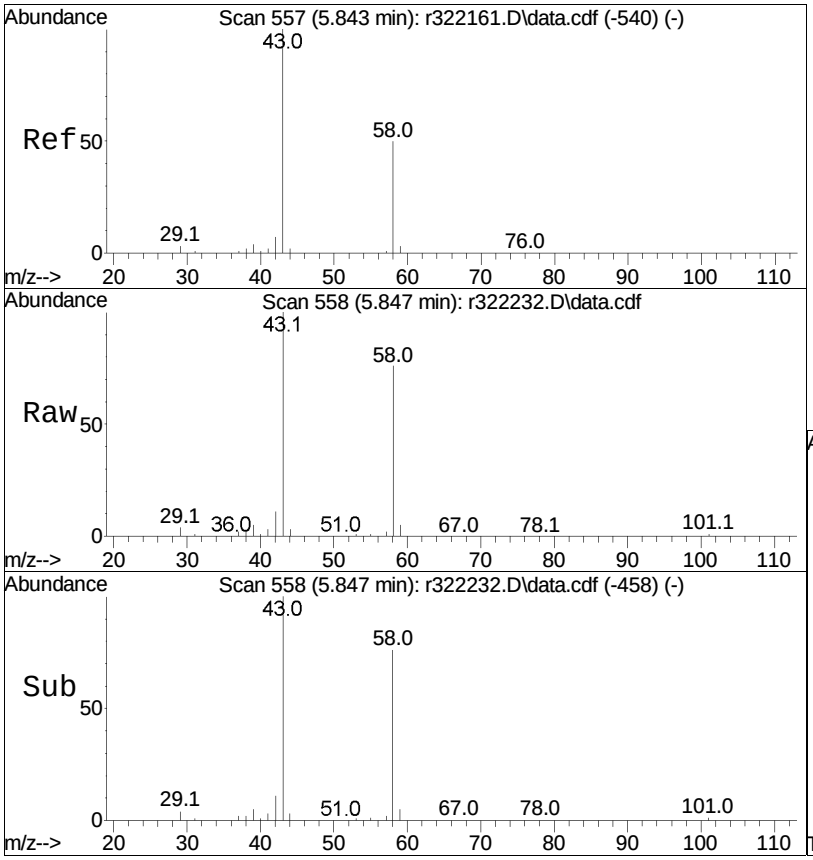


#15
ethanol
Concen: 524.58 ppbV
RT: 5.290 min Scan# 391
Delta R.T. 0.017 min
Lab File: r322232.D
Acq: 19 May 2022 8:54 PM

Tgt Ion: 31 Resp: 9574757

Ion	Ratio	Lower	Upper
31	100		
45	57.1	37.6	56.4#

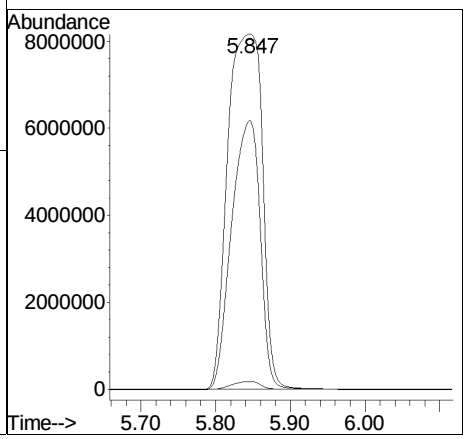


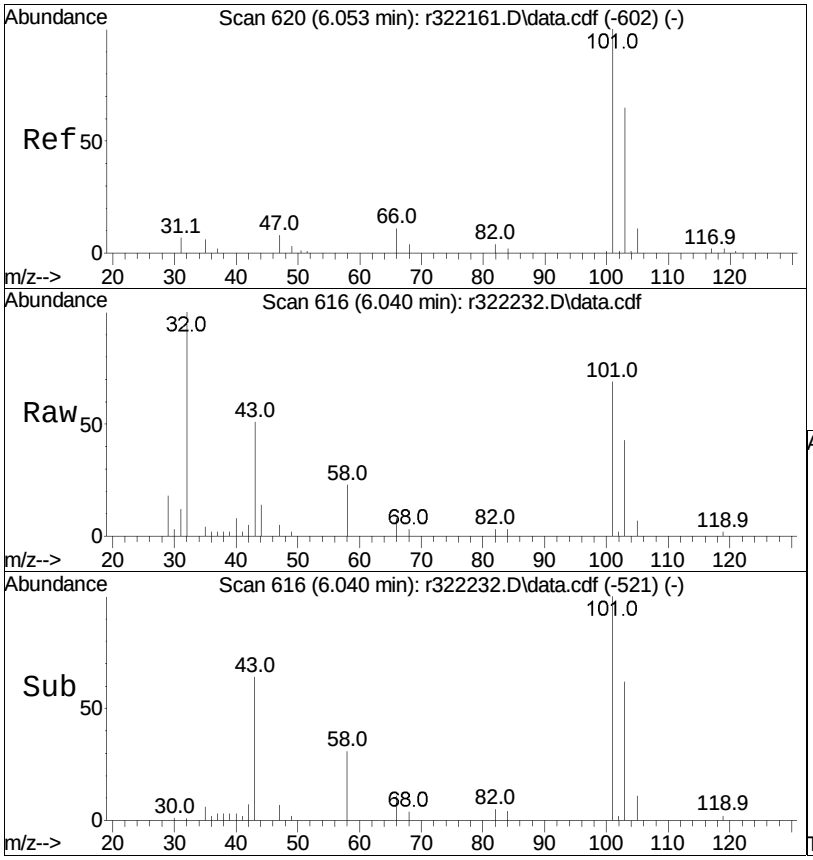


#19
acetone
Concen: 1017.17 ppbV
RT: 5.847 min Scan# 558
Delta R.T. 0.003 min
Lab File: r322232.D
Acq: 19 May 2022 8:54 PM

Tgt Ion: 43 Resp:26473147

Ion	Ratio	Lower	Upper
43	100		
58	75.7	39.8	59.8#
57	2.2	1.0	1.6#

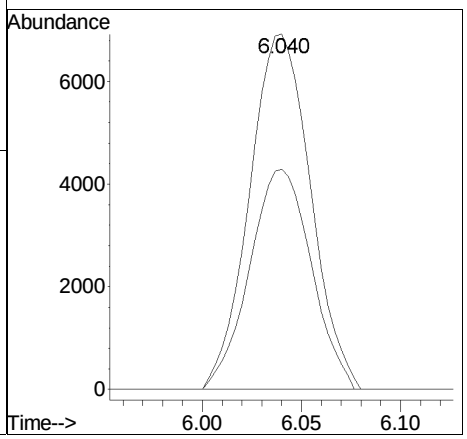


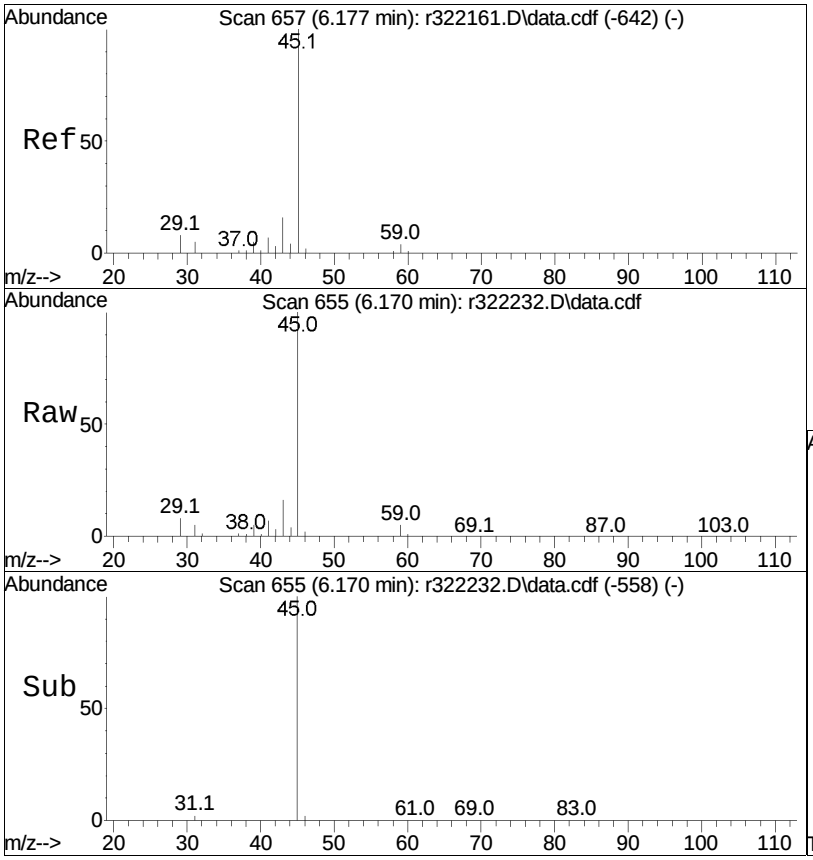


#21
trichlorofluoromethane
Concen: 0.44 ppbV
RT: 6.040 min Scan# 616
Delta R.T. -0.013 min
Lab File: r322232.D
Acq: 19 May 2022 8:54 PM

Tgt Ion:101 Resp: 14828

Ion	Ratio	Lower	Upper
101	100		
103	62.0	51.8	77.6

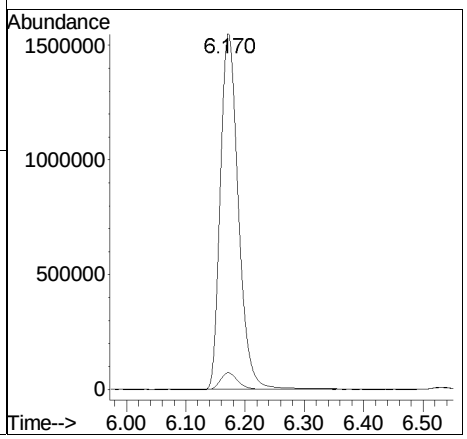


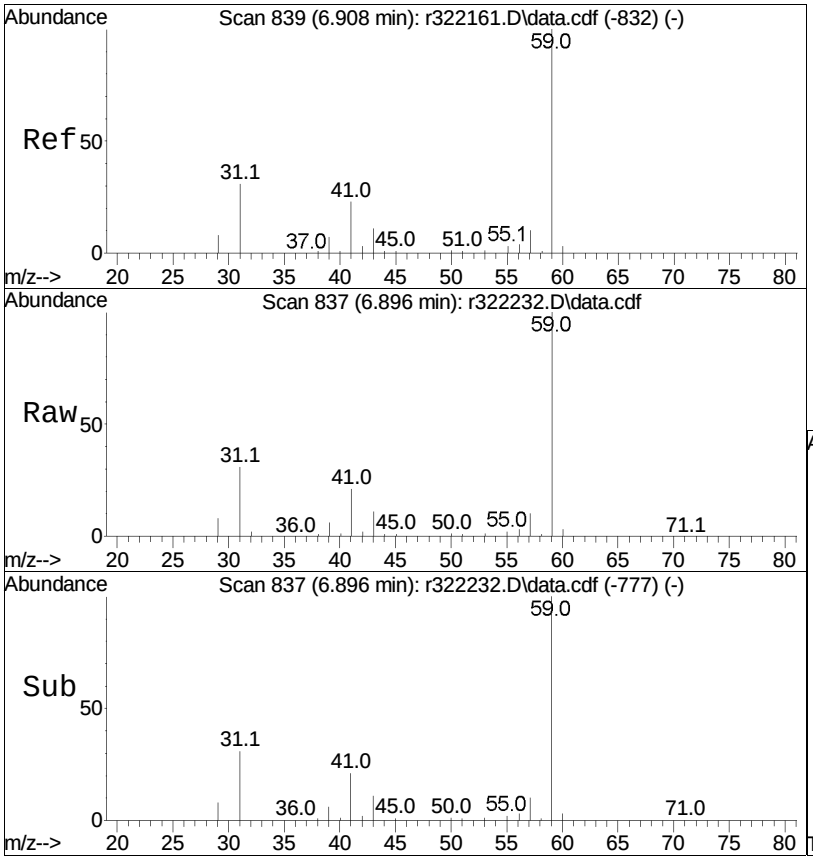


#22
isopropyl alcohol
Concen: 105.20 ppbV
RT: 6.170 min Scan# 655
Delta R.T. -0.007 min
Lab File: r322232.D
Acq: 19 May 2022 8:54 PM

Tgt Ion: 45 Resp: 3294576

Ion	Ratio	Lower	Upper
45	100		
59	4.7	3.5	5.3

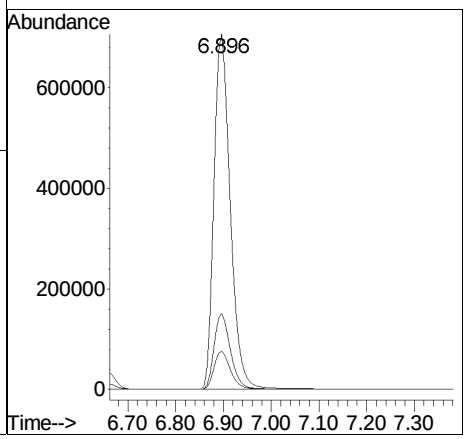


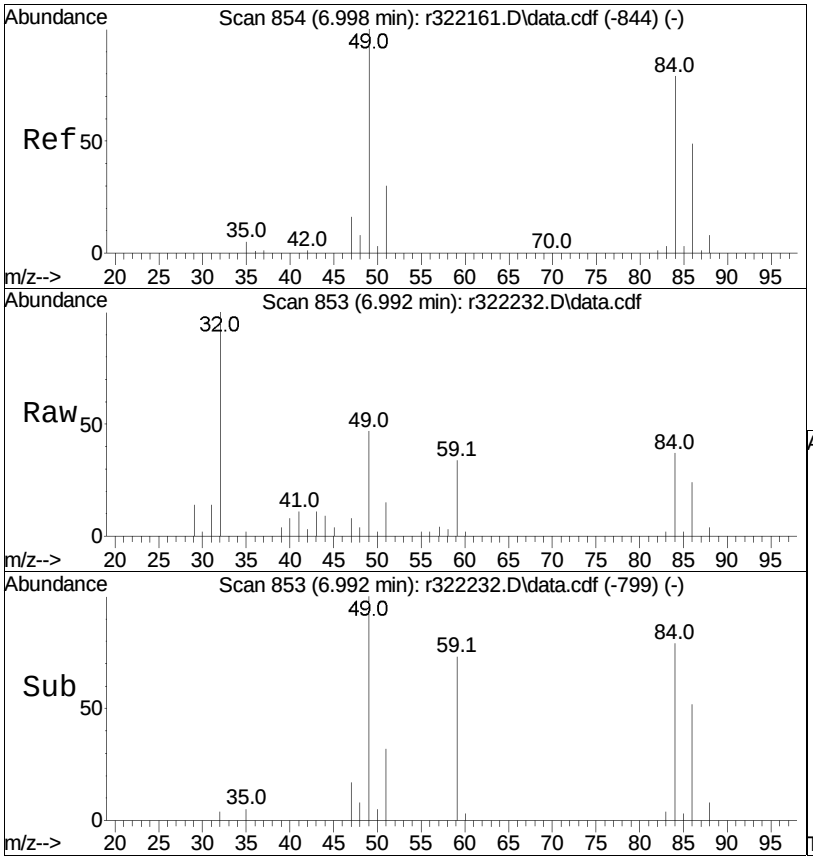


#27
tertiary butyl alcohol
Concen: 43.36 ppbV
RT: 6.896 min Scan# 837
Delta R.T. -0.012 min
Lab File: r322232.D
Acq: 19 May 2022 8:54 PM

Tgt Ion: 59 Resp: 1689561

Ion	Ratio	Lower	Upper
59	100		
41	21.4	18.2	27.2
43	10.8	8.9	13.3

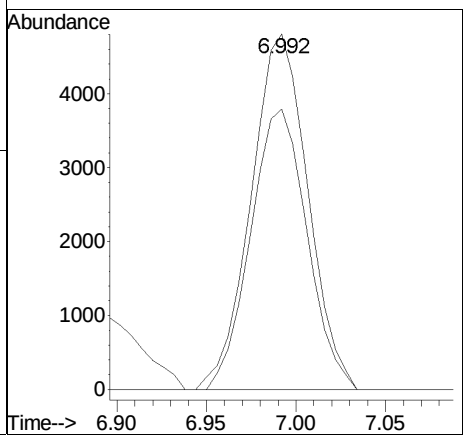


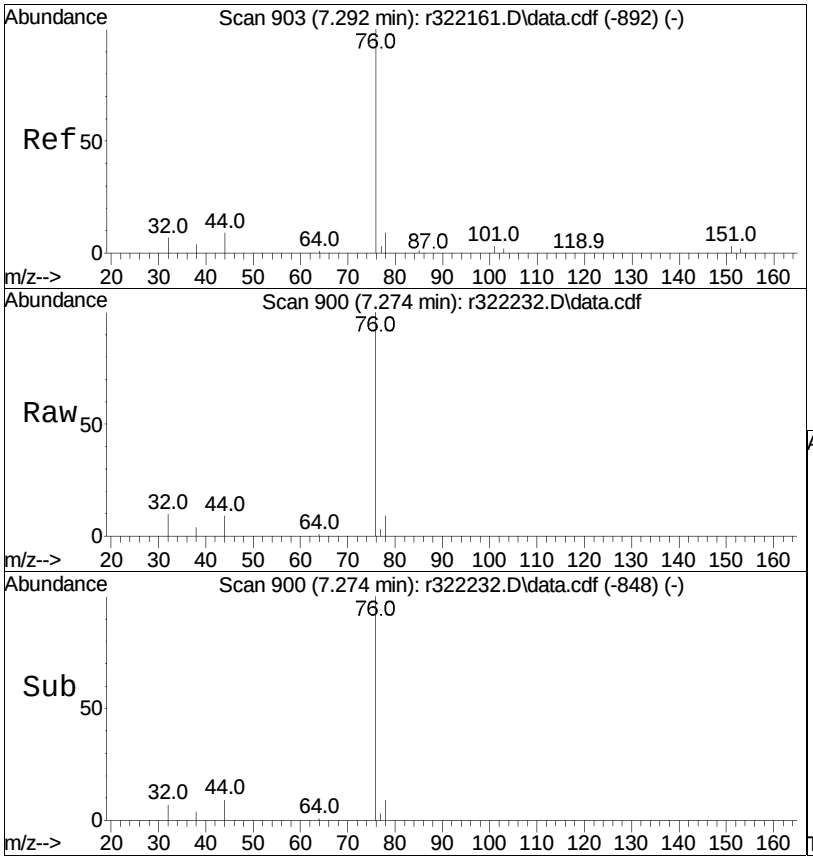


#28
methylene chloride
Concen: 0.36 ppbV
RT: 6.992 min Scan# 853
Delta R.T. -0.006 min
Lab File: r322232.D
Acq: 19 May 2022 8:54 PM

Tgt Ion: 49 Resp: 10618

Ion	Ratio	Lower	Upper
49	100		
84	78.9	63.0	94.6

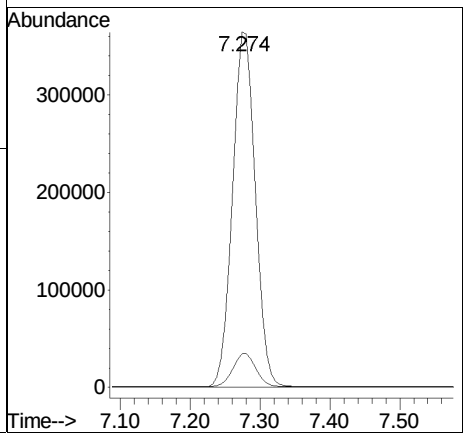


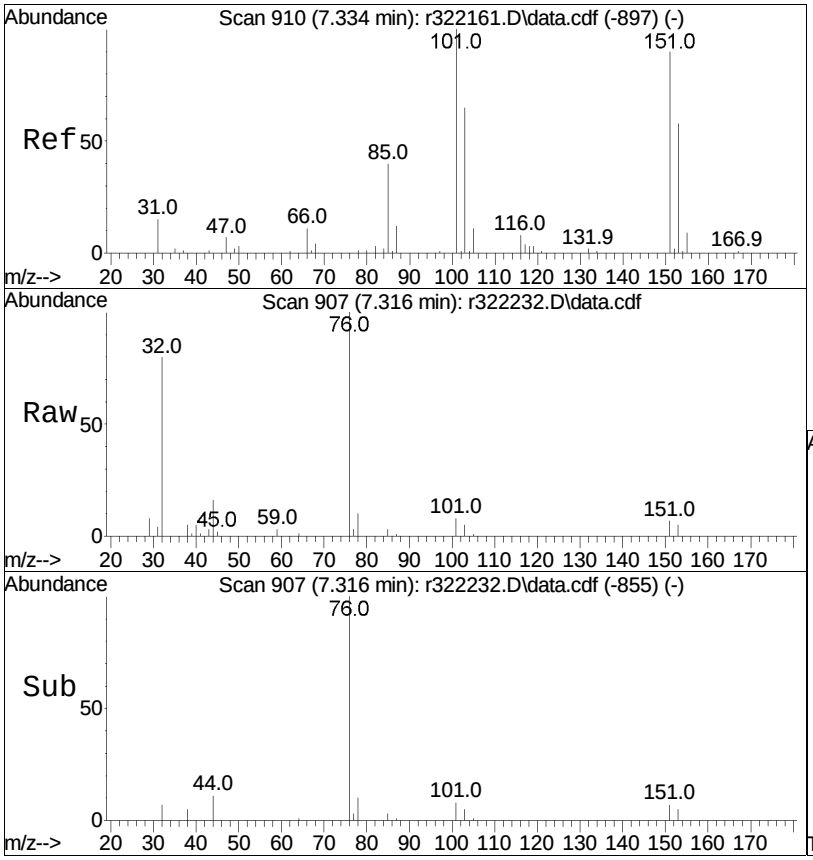


#30
carbon disulfide
Concen: 12.23 ppbV
RT: 7.274 min Scan# 900
Delta R.T. -0.018 min
Lab File: r322232.D
Acq: 19 May 2022 8:54 PM

Tgt Ion: 76 Resp: 830514

Ion	Ratio	Lower	Upper
76	100		
44	9.4	7.6	11.4

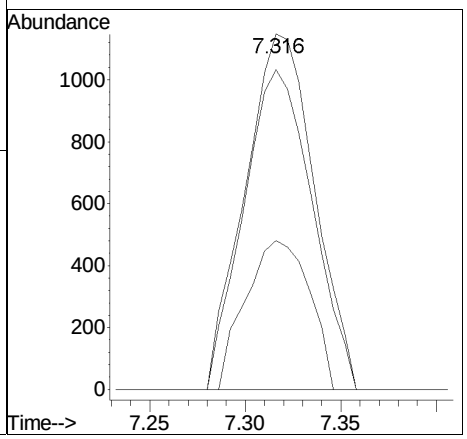


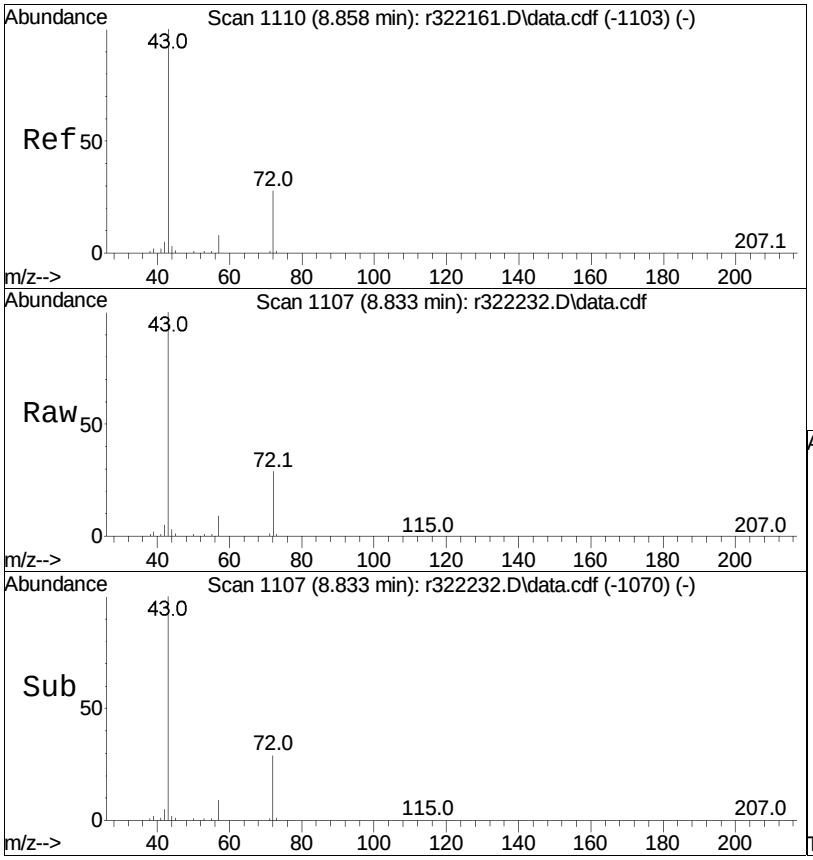


#31
Freon 113
Concen: 0.08 ppbV
RT: 7.316 min Scan# 907
Delta R.T. -0.018 min
Lab File: r322232.D
Acq: 19 May 2022 8:54 PM

Tgt Ion:101 Resp: 2903

Ion	Ratio	Lower	Upper
101	100		
85	41.9	31.8	47.8
151	90.0	72.2	108.4

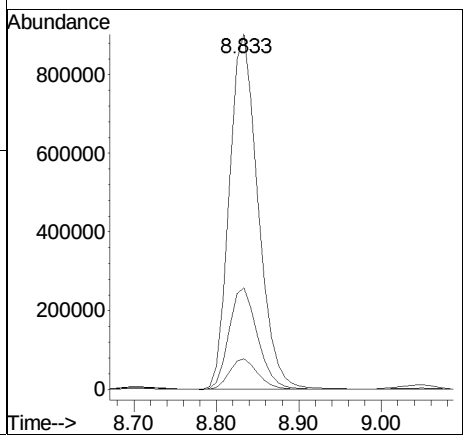


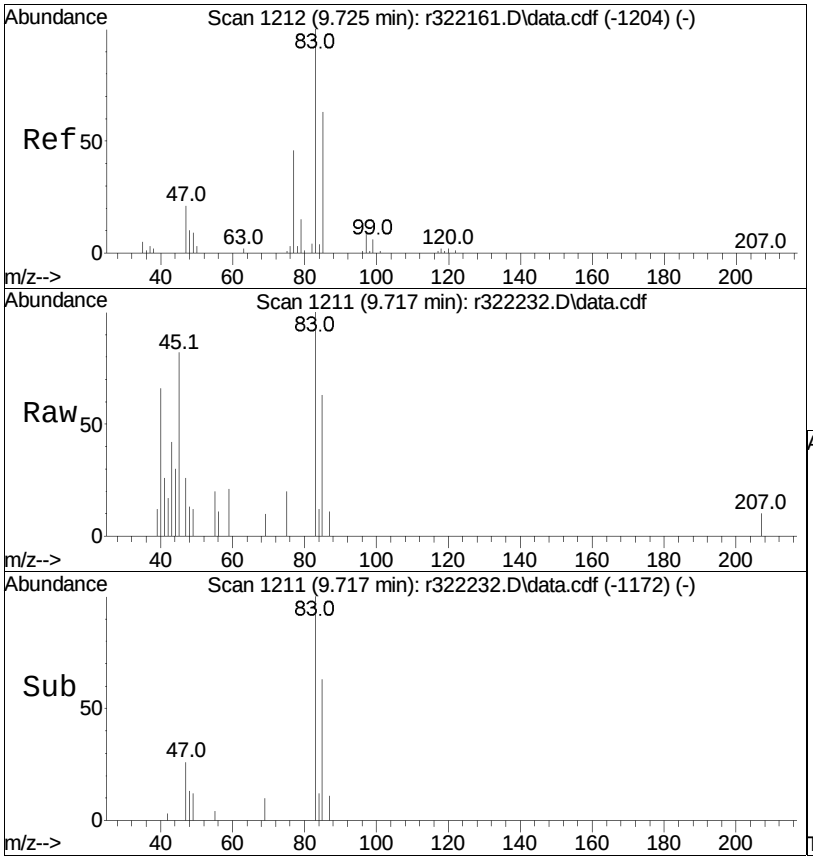


#36
2-butanone
Concen: 46.01 ppbV
RT: 8.833 min Scan# 1107
Delta R.T. -0.025 min
Lab File: r322232.D
Acq: 19 May 2022 8:54 PM

Tgt Ion: 43 Resp: 2177131

Ion	Ratio	Lower	Upper
43	100		
72	28.6	22.6	33.8
57	8.6	6.6	10.0

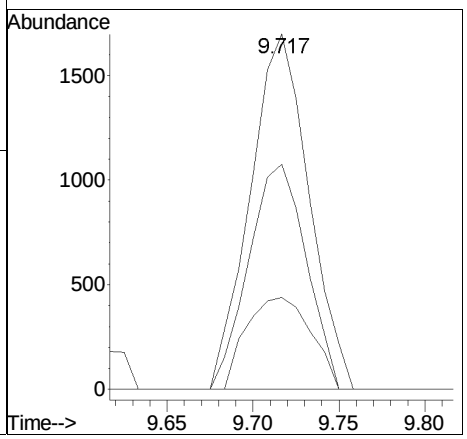


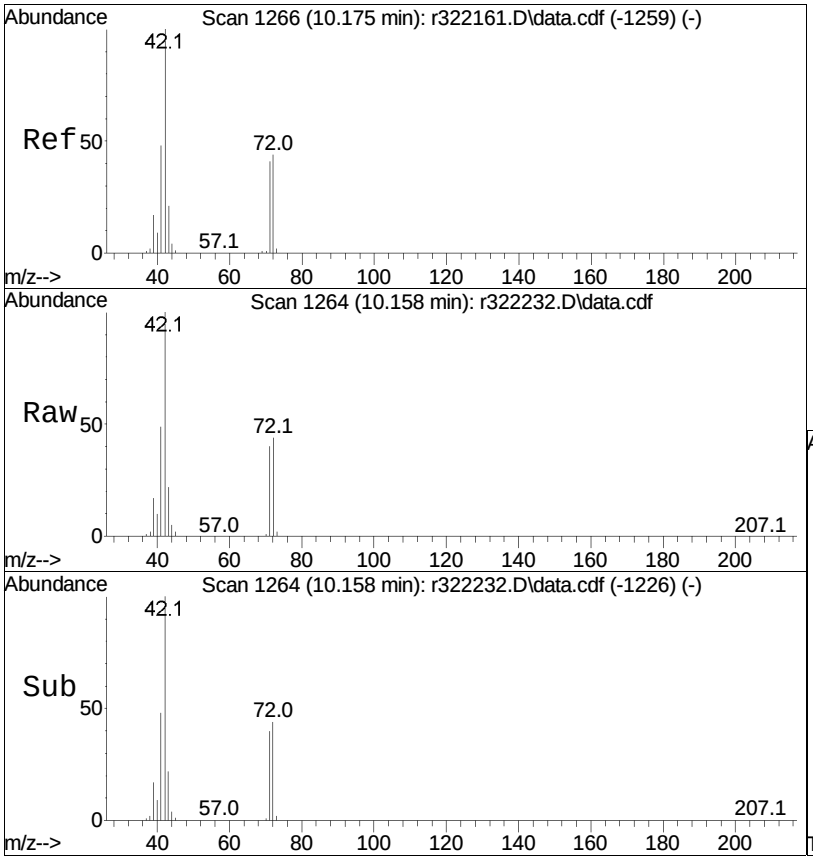


#39
chloroform
Concen: 0.11 ppbV
RT: 9.717 min Scan# 1211
Delta R.T. -0.008 min
Lab File: r322232.D
Acq: 19 May 2022 8:54 PM

Tgt Ion: 83 Resp: 4036

Ion	Ratio	Lower	Upper
83	100		
85	63.4	50.4	75.6
47	25.9	16.9	25.3#

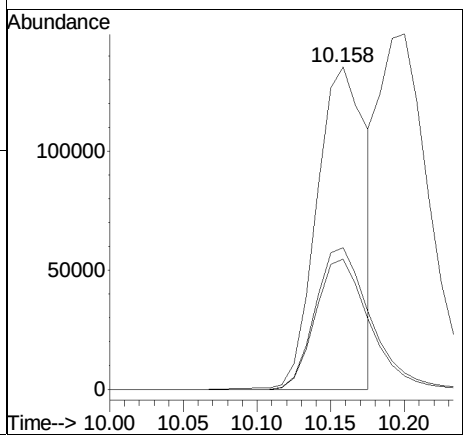


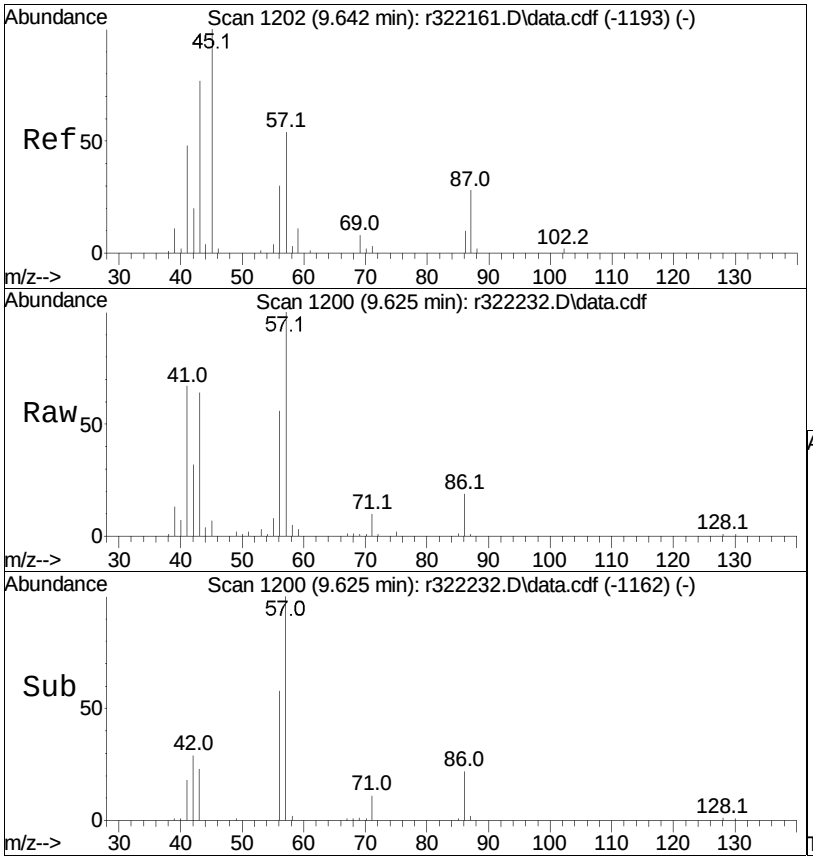


#40
Tetrahydrofuran
Concen: 11.55 ppbV
RT: 10.158 min Scan# 1264
Delta R.T. -0.017 min
Lab File: r322232.D
Acq: 19 May 2022 8:54 PM

Tgt Ion: 42 Resp: 315423

Ion	Ratio	Lower	Upper
42	100		
71	40.4	32.4	48.6
72	44.0	35.2	52.8

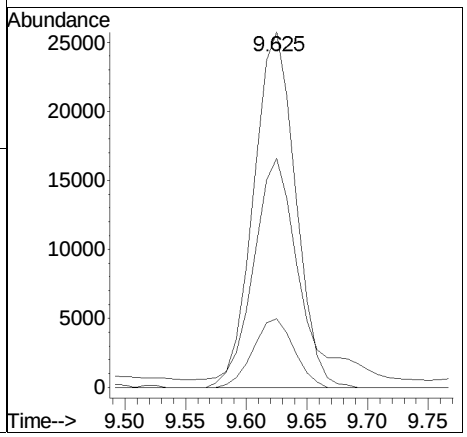


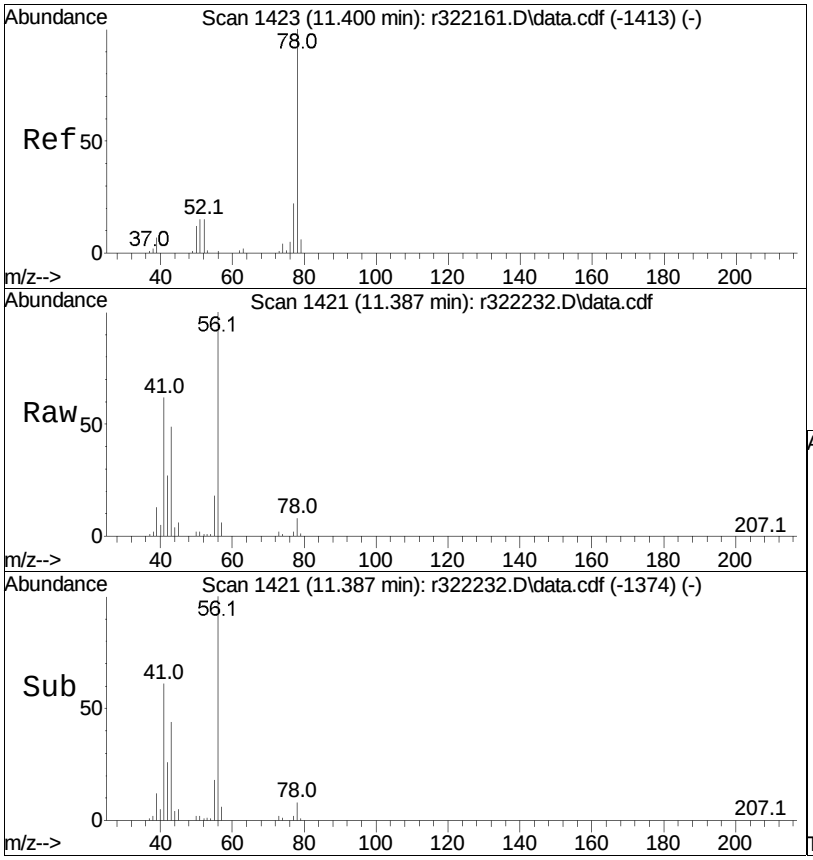


#44
hexane
Concen: 1.49 ppbV
RT: 9.625 min Scan# 1200
Delta R.T. -0.017 min
Lab File: r322232.D
Acq: 19 May 2022 8:54 PM

Tgt Ion: 57 Resp: 61825

Ion	Ratio	Lower	Upper
57	100		
43	64.4	115.0	172.6#
86	19.3	15.5	23.3

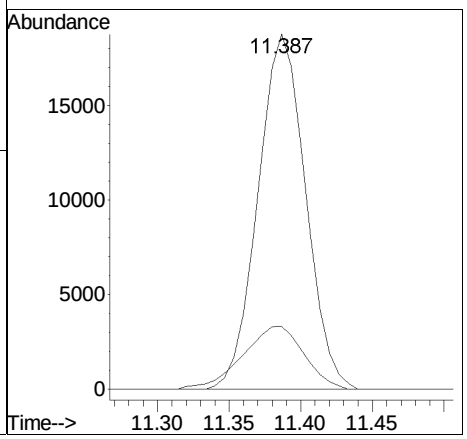


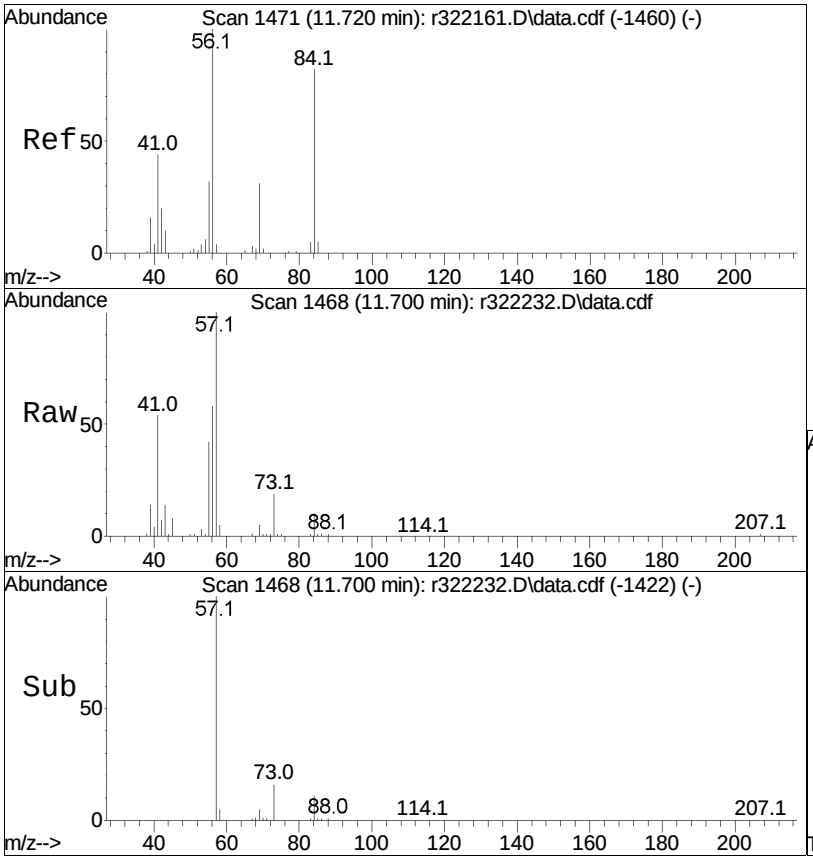


#50
benzene
Concen: 0.51 ppbV
RT: 11.387 min Scan# 1421
Delta R.T. -0.013 min
Lab File: r322232.D
Acq: 19 May 2022 8:54 PM

Tgt Ion: 78 Resp: 43385

Ion	Ratio	Lower	Upper
78	100		
52	17.7	12.2	18.2

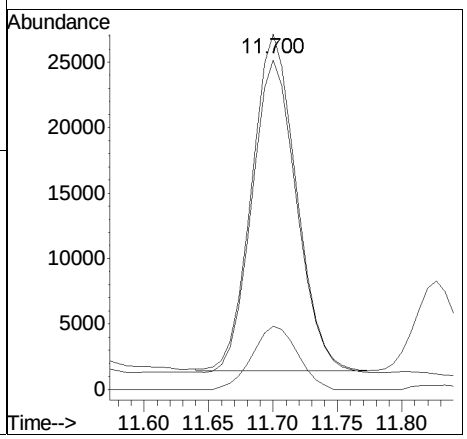


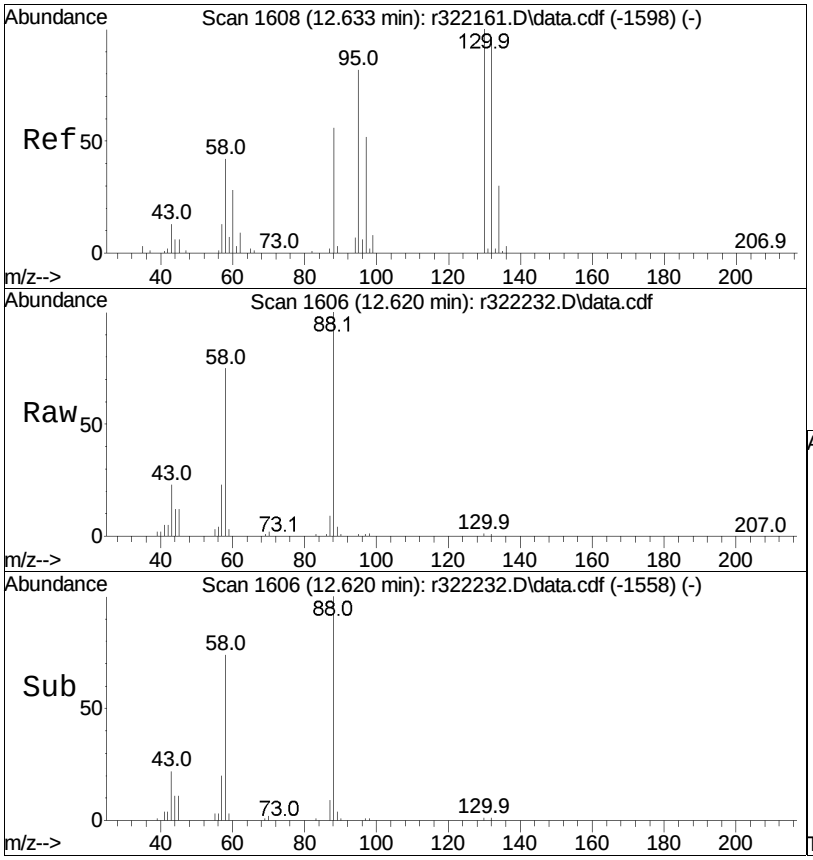


#53
cyclohexane
Concen: 1.44 ppbV
RT: 11.700 min Scan# 1468
Delta R.T. -0.020 min
Lab File: r322232.D
Acq: 19 May 2022 8:54 PM

Tgt Ion: 56 Resp: 61787

Ion	Ratio	Lower	Upper
56	100		
84	17.8	65.4	98.0#
41	92.7	35.4	53.2#

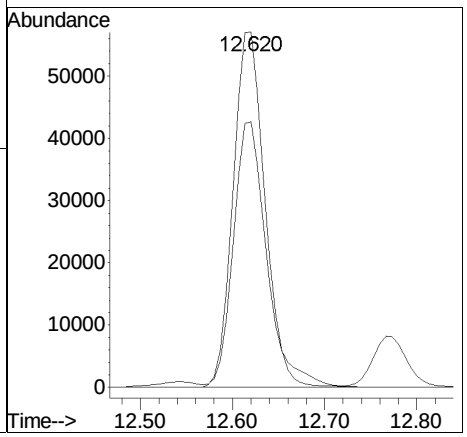


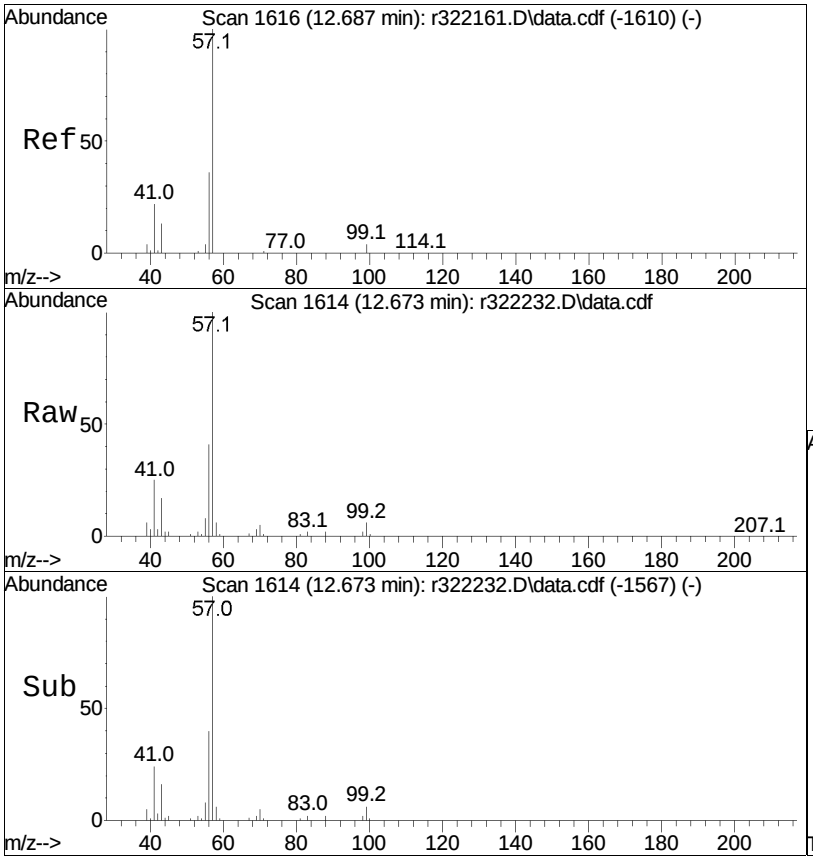


#58
1,4-dioxane
Concen: 7.89 ppbV
RT: 12.620 min Scan# 1606
Delta R.T. -0.013 min
Lab File: r322232.D
Acq: 19 May 2022 8:54 PM

Tgt Ion: 88 Resp: 136945

Ion	Ratio	Lower	Upper
88	100		
58	74.7	61.2	91.8

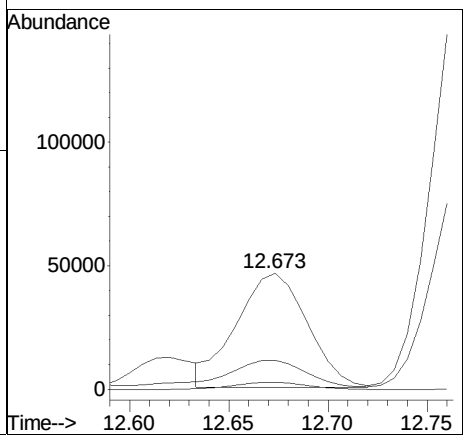


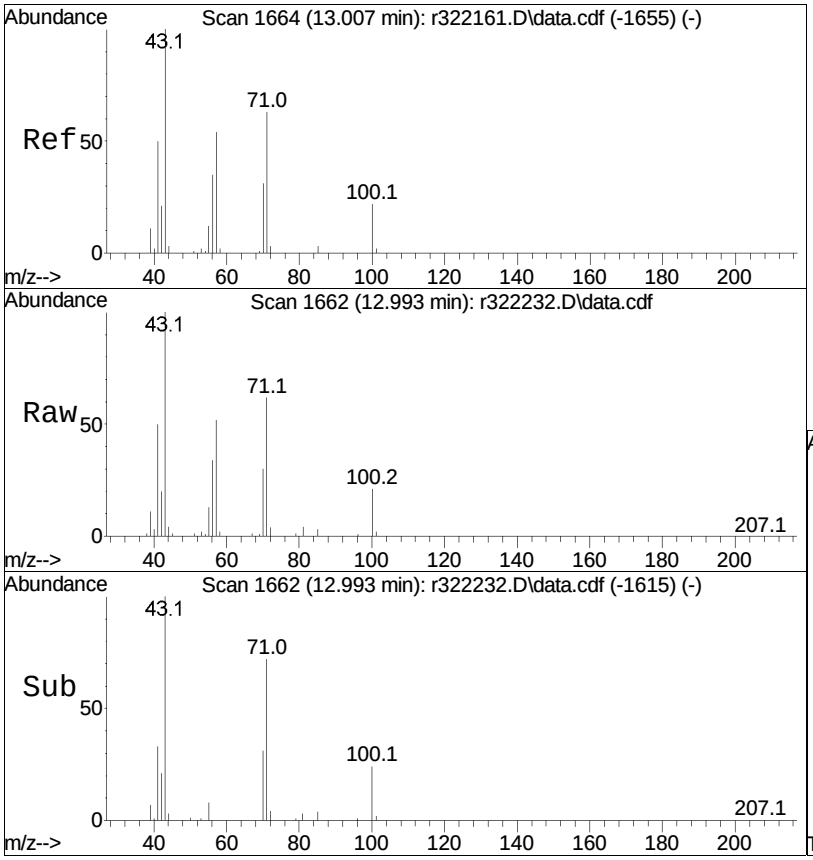


#60
2,2,4-trimethylpentane
Concen: 0.89 ppbV
RT: 12.673 min Scan# 1614
Delta R.T. -0.013 min
Lab File: r322232.D
Acq: 19 May 2022 8:54 PM

Tgt Ion: 57 Resp: 114367

Ion	Ratio	Lower	Upper
57	100		
99	6.3	5.0	7.4
41	25.1	17.4	26.2

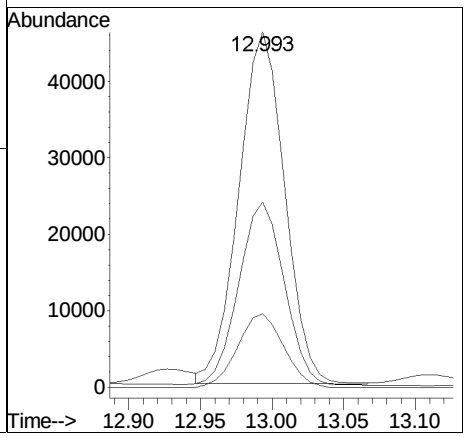


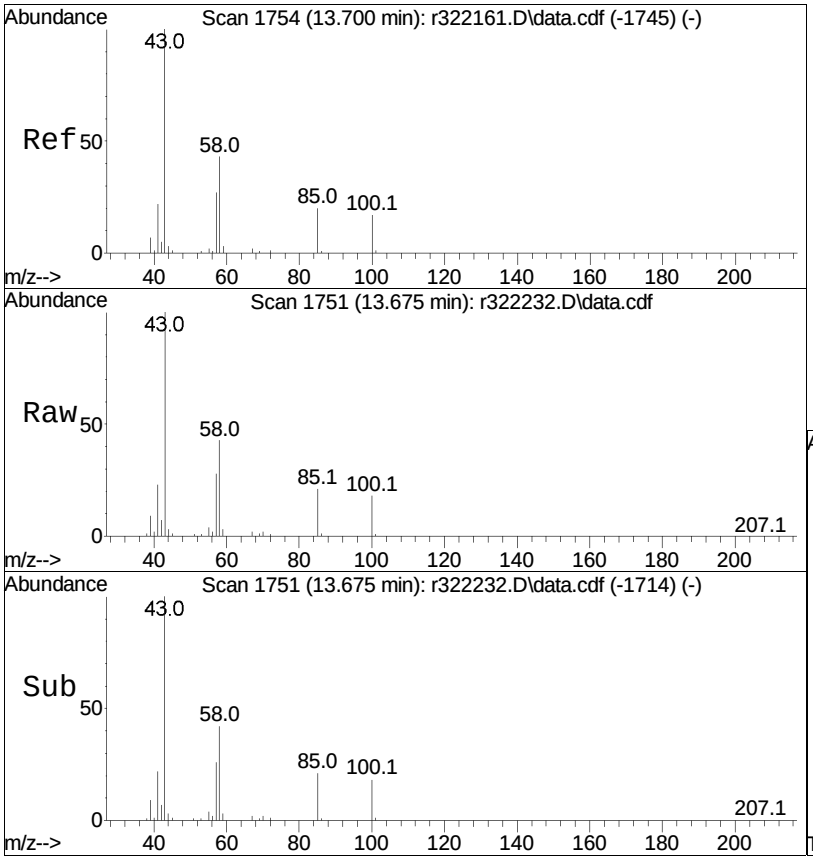


#62
heptane
Concen: 2.14 ppbV
RT: 12.993 min Scan# 1662
Delta R.T. -0.013 min
Lab File: r322232.D
Acq: 19 May 2022 8:54 PM

Tgt Ion: 43 Resp: 102214

Ion	Ratio	Lower	Upper
43	100		
57	52.2	43.0	64.4
100	20.7	17.6	26.4

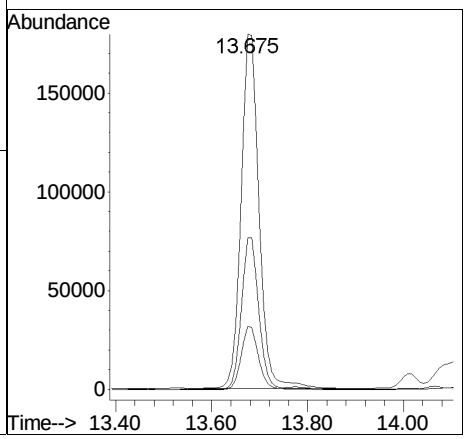


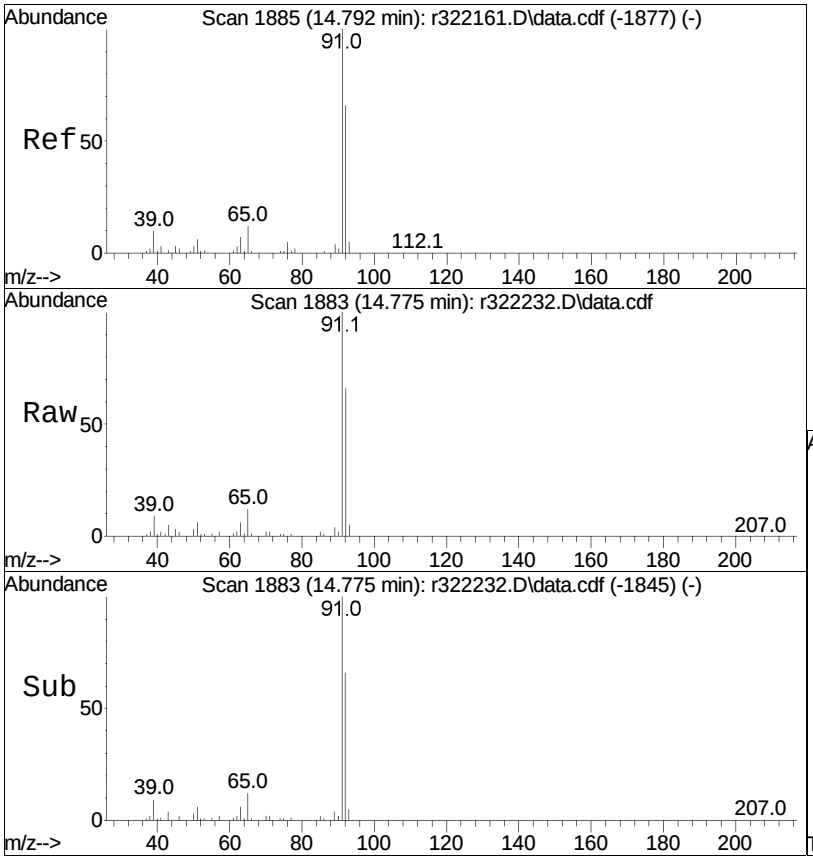


#64
4-methyl-2-pentanone
Concen: 8.56 ppbV
RT: 13.675 min Scan# 1751
Delta R.T. -0.025 min
Lab File: r322232.D
Acq: 19 May 2022 8:54 PM

Tgt Ion: 43 Resp: 467884

Ion	Ratio	Lower	Upper
43	100		
58	42.7	34.3	51.5
100	17.8	13.8	20.6

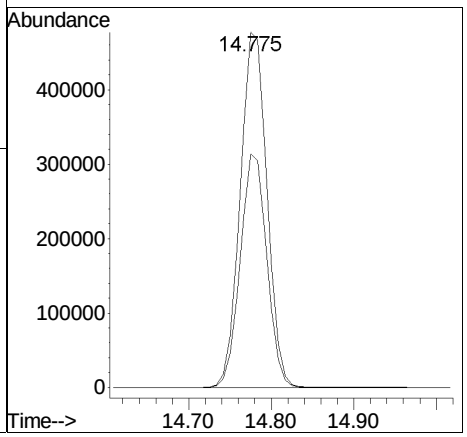


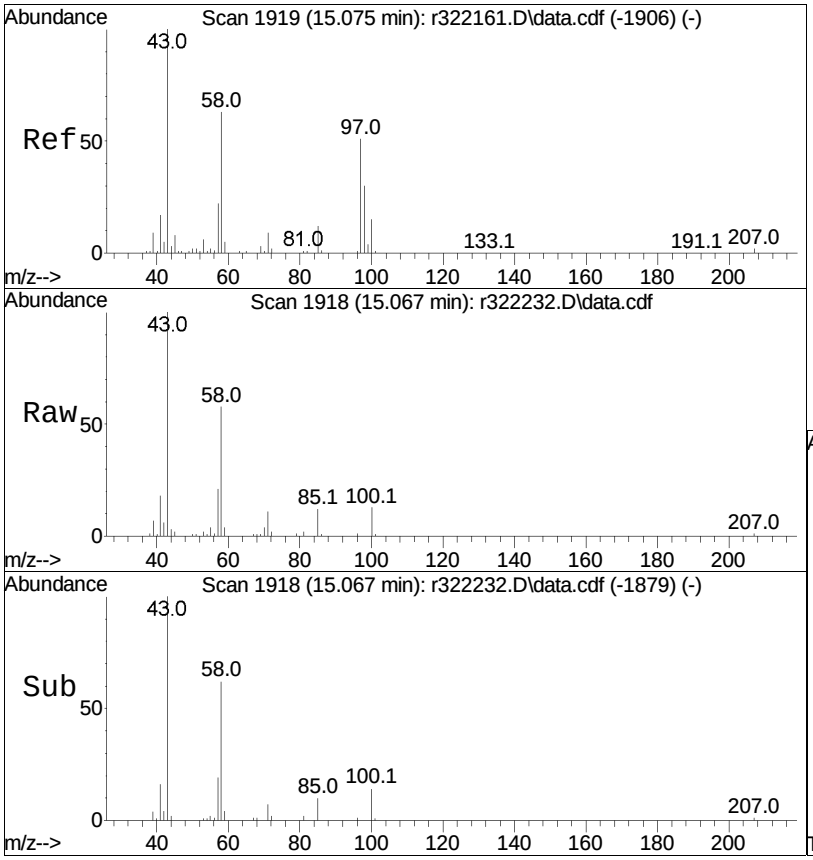


#68
toluene
Concen: 12.16 ppbV
RT: 14.775 min Scan# 1883
Delta R.T. -0.017 min
Lab File: r322232.D
Acq: 19 May 2022 8:54 PM

Tgt Ion: 91 Resp: 1074611

Ion	Ratio	Lower	Upper
91	100		
92	65.7	52.7	79.1

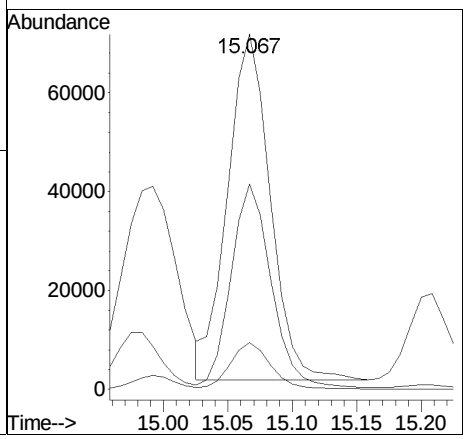


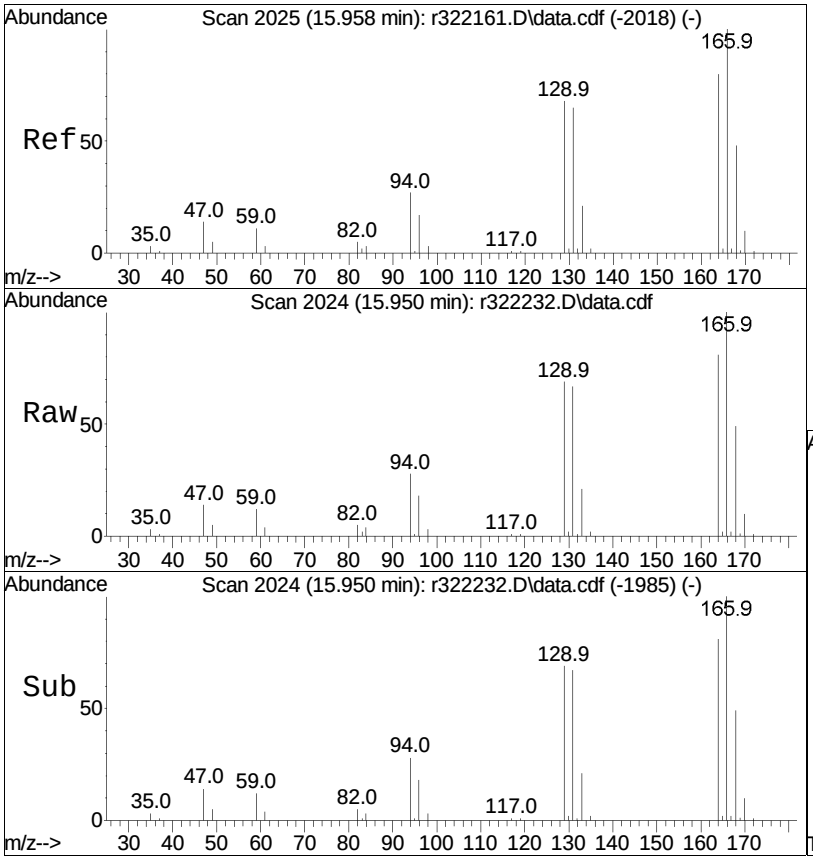


#72
2-hexanone
Concen: 3.02 ppbV
RT: 15.067 min Scan# 1918
Delta R.T. -0.008 min
Lab File: r322232.D
Acq: 19 May 2022 8:54 PM

Tgt Ion: 43 Resp: 160796

Ion	Ratio	Lower	Upper
43	100		
58	57.8	50.5	75.7
100	13.2	12.2	18.2

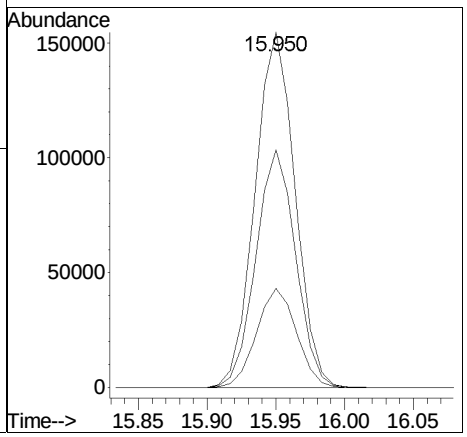


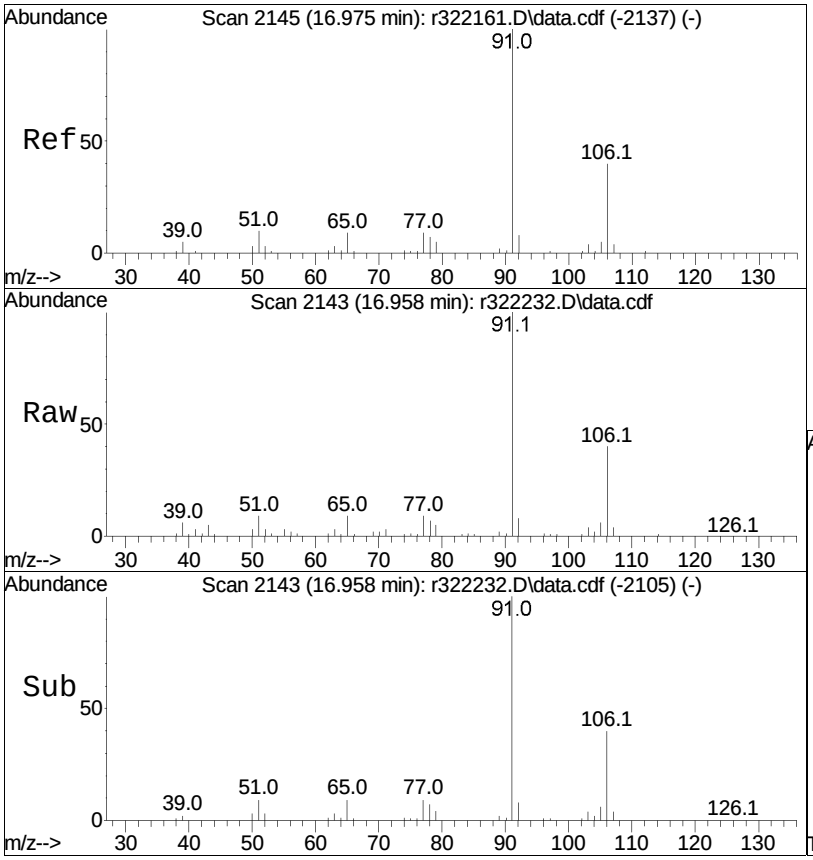


#78
tetrachloroethene
Concen: 7.30 ppbV
RT: 15.950 min Scan# 2024
Delta R.T. -0.008 min
Lab File: r322232.D
Acq: 19 May 2022 8:54 PM

Tgt Ion:166 Resp: 312456

Ion	Ratio	Lower	Upper
166	100		
131	66.9	51.8	77.6
94	27.9	21.8	32.8

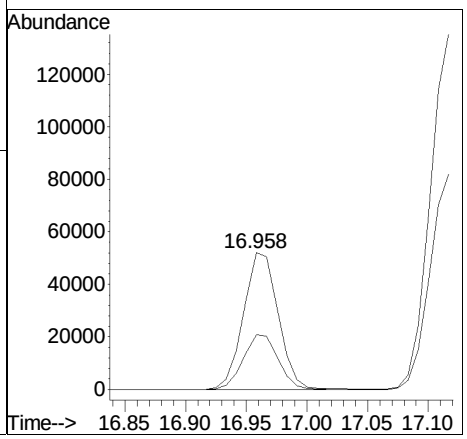


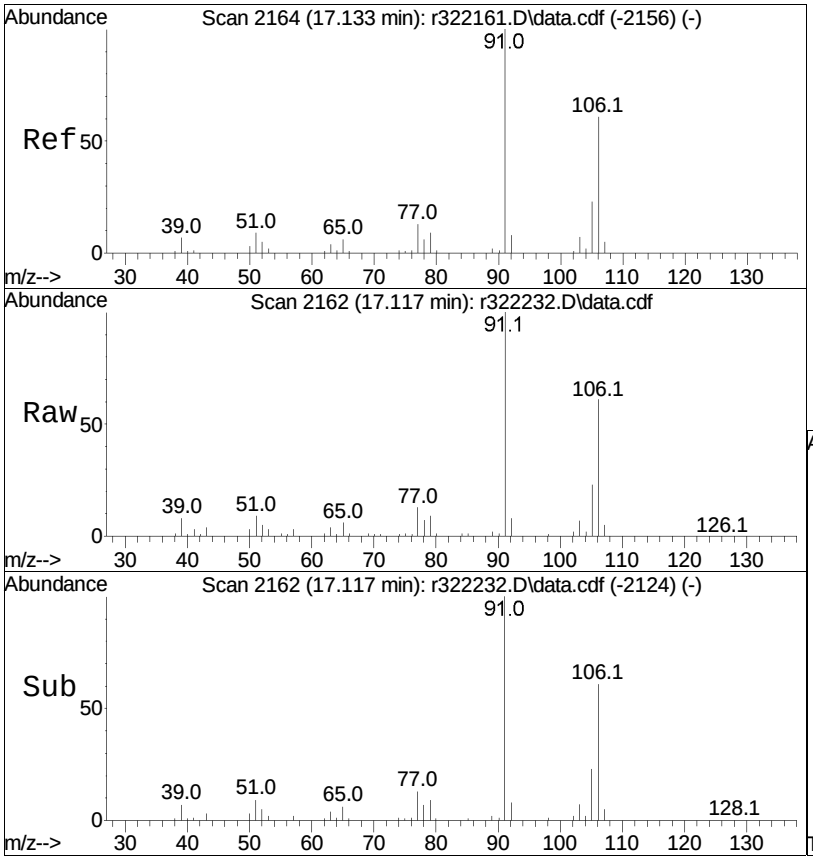


#81
ethylbenzene
Concen: 0.98 ppbV
RT: 16.958 min Scan# 2143
Delta R.T. -0.017 min
Lab File: r322232.D
Acq: 19 May 2022 8:54 PM

Tgt Ion: 91 Resp: 103848

Ion	Ratio	Lower	Upper
91	100		
106	40.0	32.4	48.6

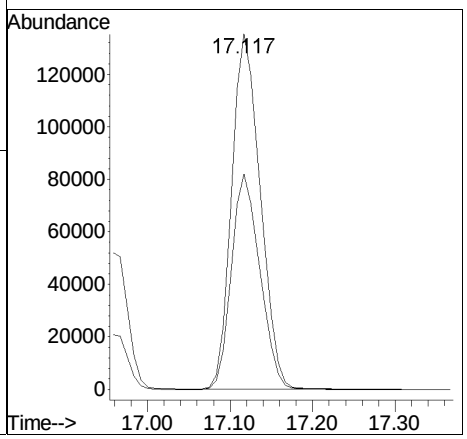


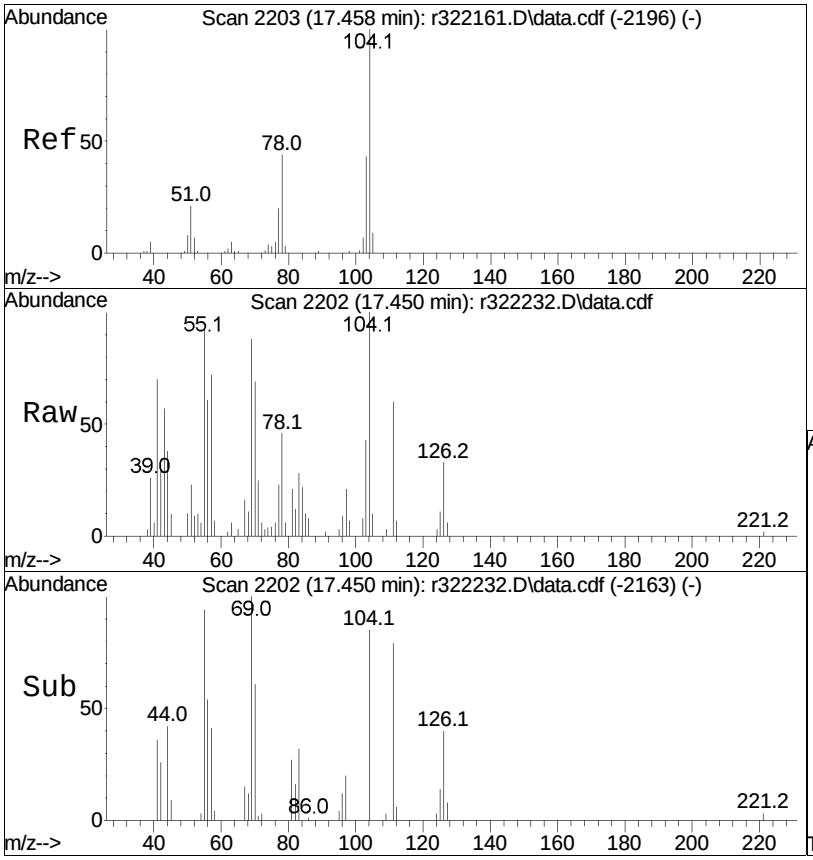


#83
m+p-xylene
Concen: 3.76 ppbV
RT: 17.117 min Scan# 2162
Delta R.T. -0.017 min
Lab File: r322232.D
Acq: 19 May 2022 8:54 PM

Tgt Ion: 91 Resp: 325737

Ion	Ratio	Lower	Upper
91	100		
106	60.6	48.4	72.6

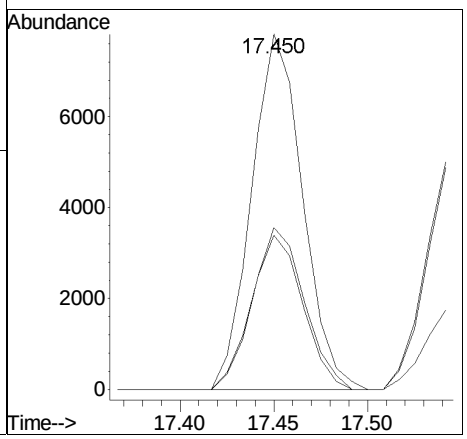


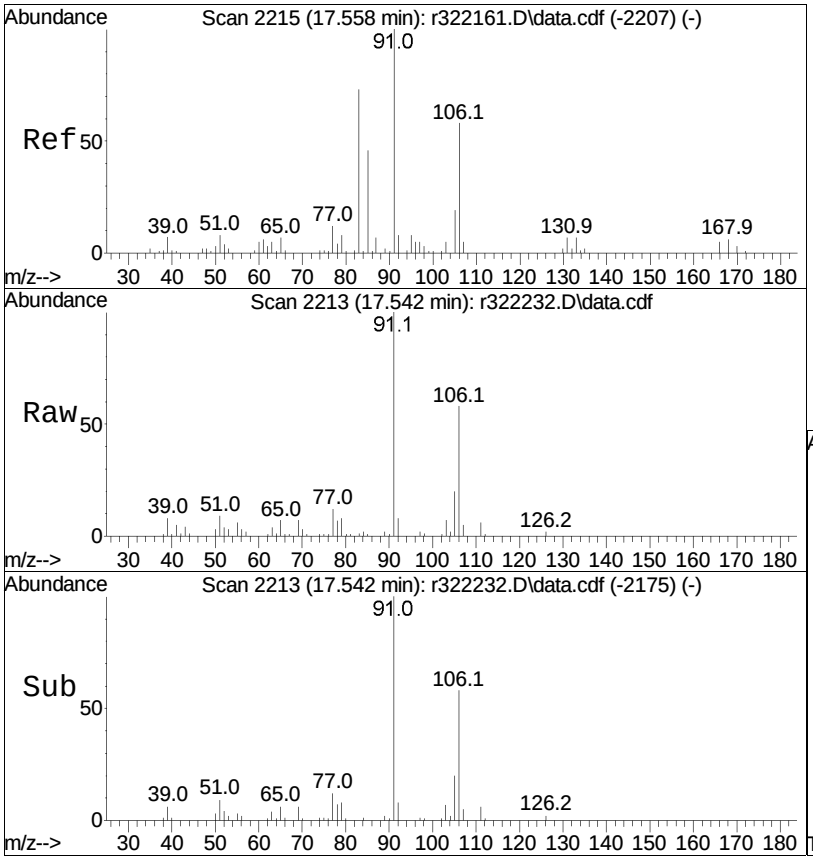


#85
styrene
Concen: 0.19 ppbV
RT: 17.450 min Scan# 2202
Delta R.T. -0.008 min
Lab File: r322232.D
Acq: 19 May 2022 8:54 PM

Tgt Ion:104 Resp: 14790

Ion	Ratio	Lower	Upper
104	100		
103	43.4	34.4	51.6
78	45.5	35.1	52.7

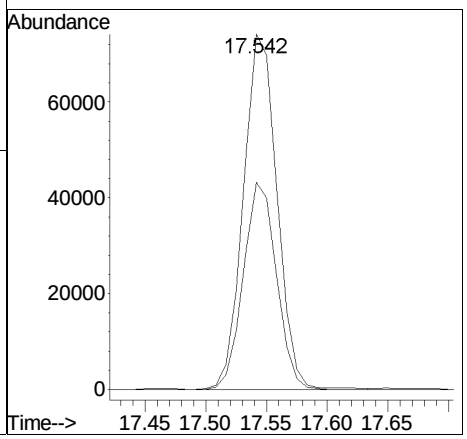


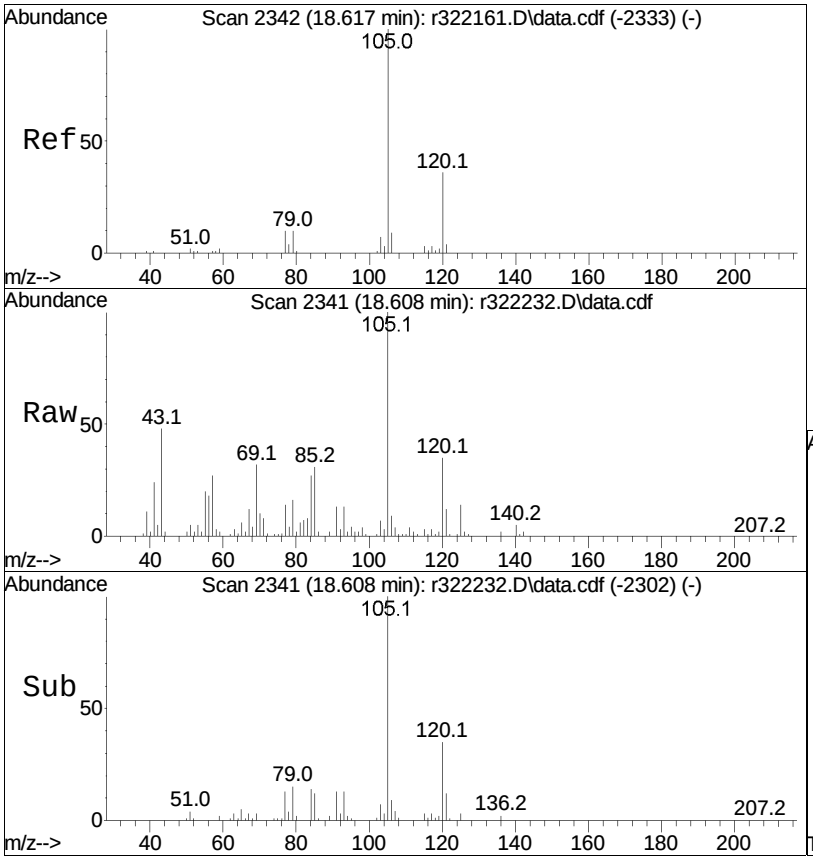


#87
o-xylene
Concen: 1.66 ppbV
RT: 17.542 min Scan# 2213
Delta R.T. -0.017 min
Lab File: r322232.D
Acq: 19 May 2022 8:54 PM

Tgt Ion: 91 Resp: 142890

Ion	Ratio	Lower	Upper
91	100		
106	58.3	46.4	69.6

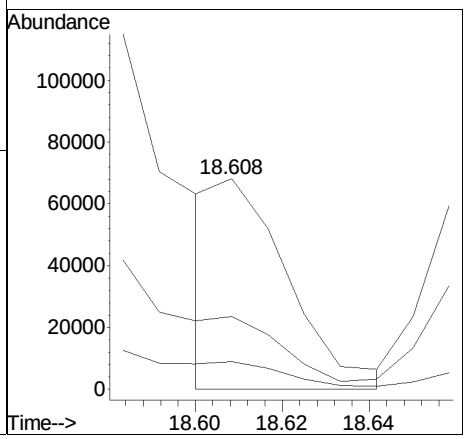


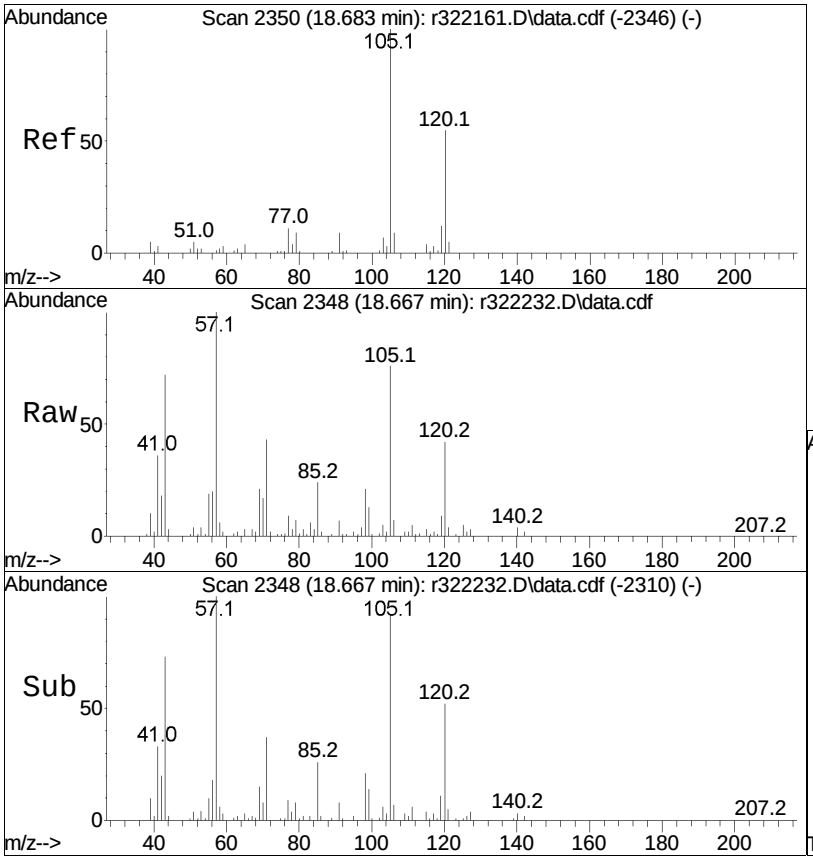


#96
4-ethyl toluene
Concen: 0.60 ppbV m
RT: 18.608 min Scan# 2341
Delta R.T. -0.008 min
Lab File: r322232.D
Acq: 19 May 2022 8:54 PM

Tgt Ion:105 Resp: 79198

Ion	Ratio	Lower	Upper
105	100		
120	34.6	28.6	42.8
91	13.2	7.4	11.2#

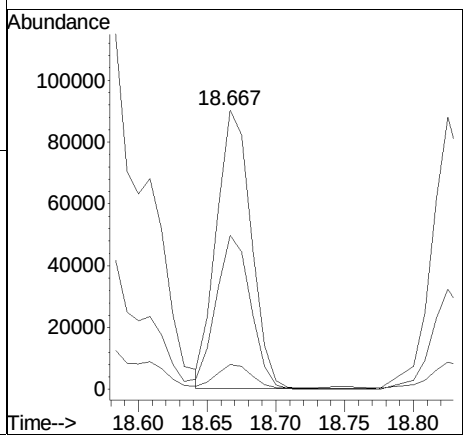


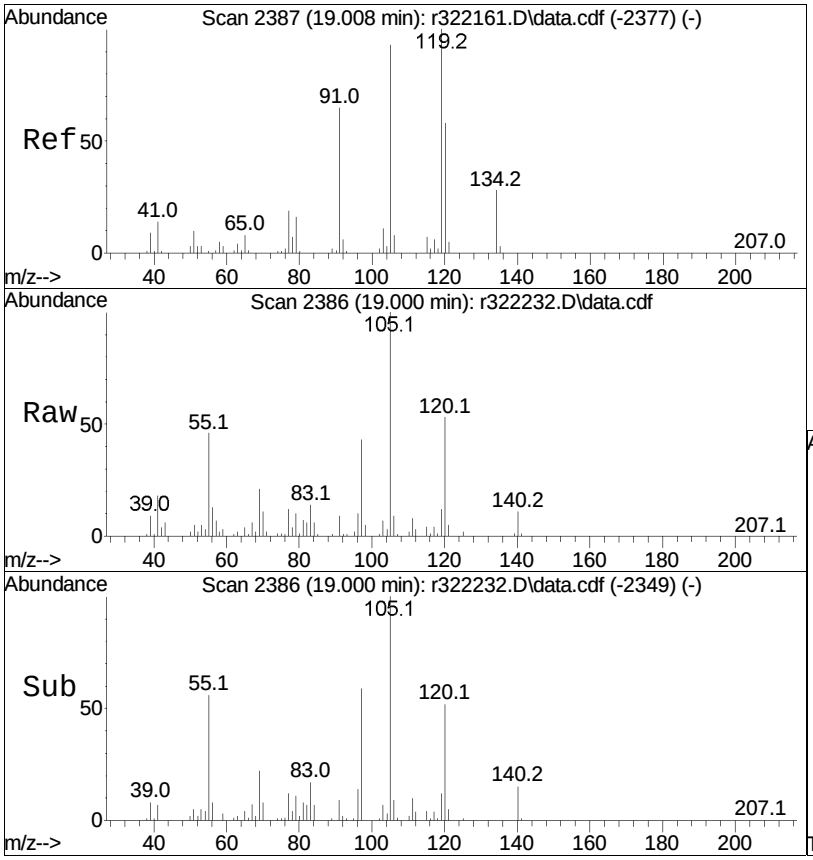


#97
1,3,5-trimethylbenzene
Concen: 1.32 ppbV
RT: 18.667 min Scan# 2348
Delta R.T. -0.017 min
Lab File: r322232.D
Acq: 19 May 2022 8:54 PM

Tgt Ion:105 Resp: 158243

Ion	Ratio	Lower	Upper
105	100		
120	55.2	43.7	65.5
91	8.9	7.0	10.4

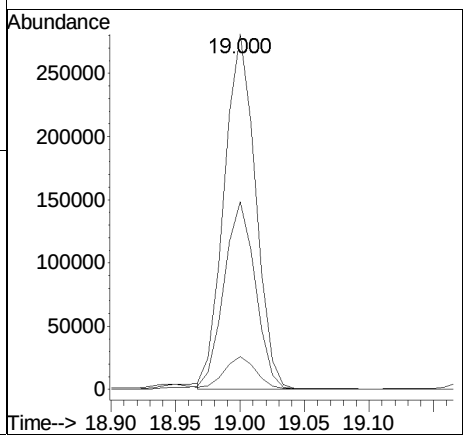




#99
1,2,4-trimethylbenzene
Concen: 4.53 ppbV m
RT: 19.000 min Scan# 2386
Delta R.T. -0.008 min
Lab File: r322232.D
Acq: 19 May 2022 8:54 PM

Tgt Ion:105 Resp: 477757

Ion	Ratio	Lower	Upper
105	100		
120	52.9	49.4	74.2
91	9.3	55.8	83.8#

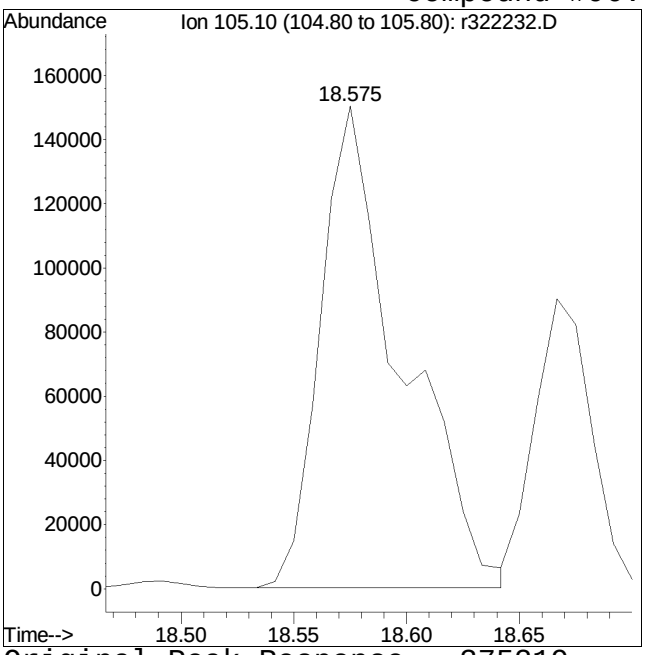


Manual Integration Report

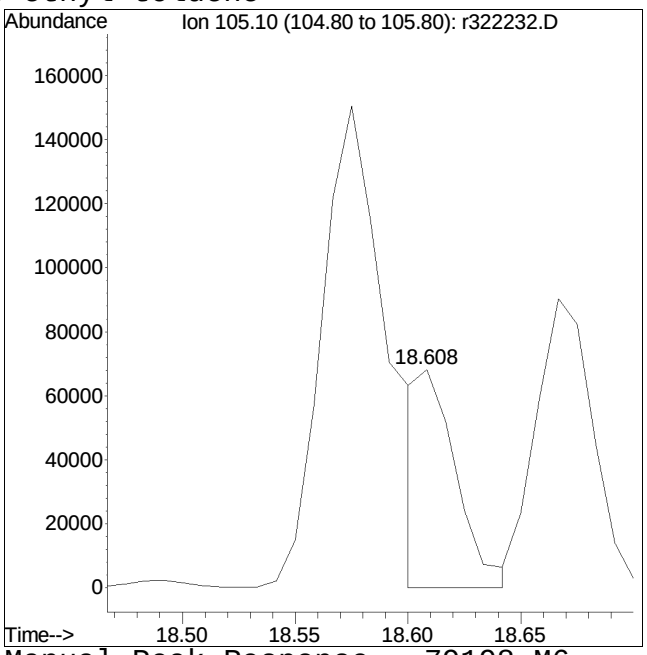
Data Path : O:\Forensics\Data\AirpianoQ
Data File : r322232.D
Date Inj'd : 5/19/2020 0:8: 4
Sample : L2225590-04,3,250,250

Method : TFS3_220516.M
Operator : AIRPIANO3:TS
Instrument :
Quant Date : 5/20/2022 8:05 am

Compound #96: 4-ethyl toluene



Original Peak Response = 375219



Manual Peak Response = 79198 M6

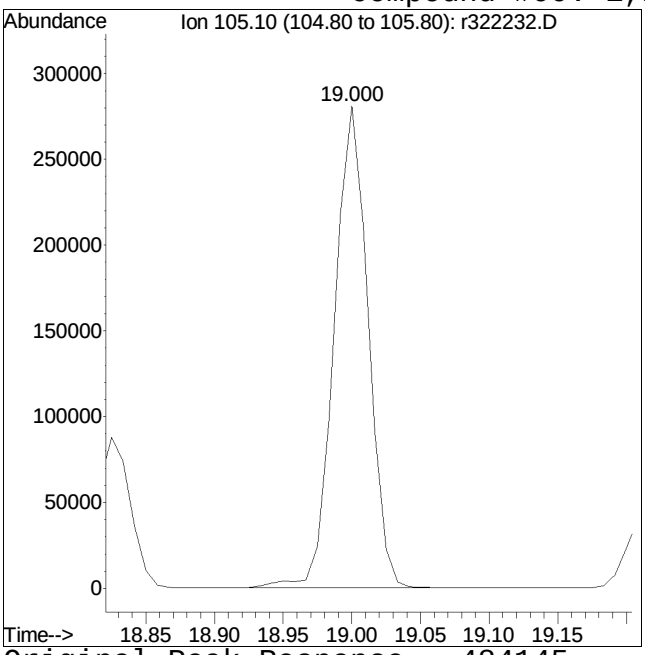
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

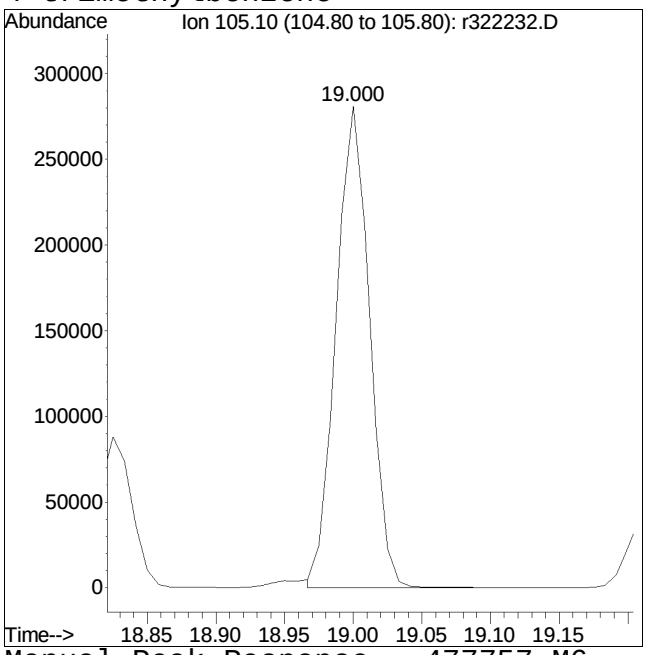
Data Path : O:\Forensics\Data\AirpianoQ
Data File : r322232.D
Date Inj'd : 5/19/2020 0:8: 4
Sample : L2225590-04,3,250,250

Method : TFS3_220516.M
Operator : AIRPIANO3:TS
Instrument :
Quant Date : 5/20/2022 8:05 am

Compound #99: 1,2,4-trimethylbenzene



Original Peak Response = 484145



Manual Peak Response = 477757 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0519T\
Data File : r322234.D
Acq On : 19 May 2022 10:13 PM
Operator : AIRPIANO3:TS
Sample : L2225590-05,3,250,250
Misc : WG1640711,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 20 13:29:11 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0519T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0519T\r322225.D
Sub List : TO15-NY - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.542	49	493171	10.000	ppbV	-0.03
Standard Area = 440035			Recovery = 112.08%			
43) 1,4-difluorobenzene	11.820	114	1515840	10.000	ppbV	-0.02
Standard Area = 1334123			Recovery = 113.62%			
67) chlorobenzene-D5	16.567	54	239431	10.000	ppbV	-0.02
Standard Area = 210666			Recovery = 113.65%			
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	3.940	85	20937	0.540	ppbV	98
6) chloromethane	4.126		0	N.D.		
7) Freon-114	4.252		0	N.D.		
9) vinyl chloride	4.384	62	3052	0.127	ppbV	92
10) 1,3-butadiene	4.546	54	4853	0.250	ppbV	97
13) bromomethane	0.000		0	N.D.		
14) chloroethane	0.000		0	N.D.		
15) ethanol	5.260	31	1930653	101.896	ppbV	95
17) vinyl bromide	0.000		0	N.D.		
19) acetone	5.820	43	1512080M6	55.967	ppbV	
21) trichlorofluoromethane	6.037	101	20901	0.593	ppbV	99
22) isopropyl alcohol	6.157	45	1174718	36.134	ppbV	99
26) 1,1-dichloroethene	6.746		0	N.D.		
27) tertiary butyl alcohol	6.902	59	35960M6	0.889	ppbV	
28) methylene chloride	6.974	49	2029	0.066	ppbV	96
29) 3-chloropropene	0.000		0	N.D.	d	
30) carbon disulfide	7.274	76	20184	0.286	ppbV #	1
31) Freon 113	7.316	101	3246	0.082	ppbV	94
32) trans-1,2-dichloroethene	0.000		0	N.D.		
33) 1,1-dichloroethane	8.433		0	N.D.		
34) MTBE	0.000		0	N.D.	d	
36) 2-butanone	8.842	43	102952	2.096	ppbV	99
37) cis-1,2-dichloroethene	0.000		0	N.D.		
38) Ethyl Acetate	9.675		0	N.D.		
39) chloroform	9.708	83	1935	0.050	ppbV #	90
40) Tetrahydrofuran	10.183	42	12912M6	0.455	ppbV	
42) 1,2-dichloroethane	0.000		0	N.D.		

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0519T\
Data File : r322234.D
Acq On : 19 May 2022 10:13 PM
Operator : AIRPIANO3:TS
Sample : L2225590-05,3,250,250
Misc : WG1640711,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 20 13:29:11 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0519T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0519T\r322225.D
Sub List : TO15-NY - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) hexane	9.617	57	137929	3.192	ppbV #	37
48) 1,1,1-trichloroethane	10.850	97	3756	0.115	ppbV	98
50) benzene	11.380	78	67647	0.762	ppbV	98
52) carbon tetrachloride	11.553		0	N.D.		
53) cyclohexane	11.700	56	32410	0.721	ppbV	96
56) 1,2-dichloropropane	0.000		0	N.D.		
57) bromodichloromethane	0.000		0	N.D.	d	
58) 1,4-dioxane	12.633	88	14249	0.786	ppbV	96
59) trichloroethene	0.000		0	N.D.		
60) 2,2,4-trimethylpentane	12.667	57	137631	1.031	ppbV	98
62) heptane	12.987	43	65844	1.322	ppbV	95
63) cis-1,3-dichloropropene	0.000		0	N.D.		
64) 4-methyl-2-pentanone	13.700	43	9784	0.171	ppbV	95
65) trans-1,3-dichloropropene	0.000		0	N.D.		
66) 1,1,2-trichloroethane	14.617		0	N.D.		
68) toluene	14.775	91	245618	2.731	ppbV	99
72) 2-hexanone	15.092	43	5615M6	0.104	ppbV	
74) dibromochloromethane	0.000		0	N.D.		
75) 1,2-dibromoethane	0.000		0	N.D.		
78) tetrachloroethene	15.950	166	197873	4.541	ppbV	99
80) chlorobenzene	16.625		0	N.D.		
81) ethylbenzene	16.958	91	47952	0.444	ppbV	98
83) m+p-xylene	17.117	91	141400	1.604	ppbV	97
84) bromoform	0.000		0	N.D.		
85) styrene	17.450	104	6800	0.087	ppbV	96
86) 1,1,2,2-tetrachloroethane	17.583		0	N.D.		
87) o-xylene	17.542	91	47616	0.542	ppbV	96
96) 4-ethyl toluene	18.608	105	17993M6	0.135	ppbV	
97) 1,3,5-trimethylbenzene	18.667	105	13252	0.108	ppbV	98
99) 1,2,4-trimethylbenzene	19.000	105	48903	0.456	ppbV #	55
101) Benzyl Chloride	19.183		0	N.D.		
102) 1,3-dichlorobenzene	19.133		0	N.D.		
103) 1,4-dichlorobenzene	19.183		0	N.D.		
107) 1,2-dichlorobenzene	0.000		0	N.D.		
115) 1,2,4-trichlorobenzene	20.933		0	N.D.		
119) hexachlorobutadiene	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0519T\
Data File : r322234.D
Acq On : 19 May 2022 10:13 PM
Operator : AIRPIANO3:TS
Sample : L2225590-05,3,250,250
Misc : WG1640711,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 20 13:29:11 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0519T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

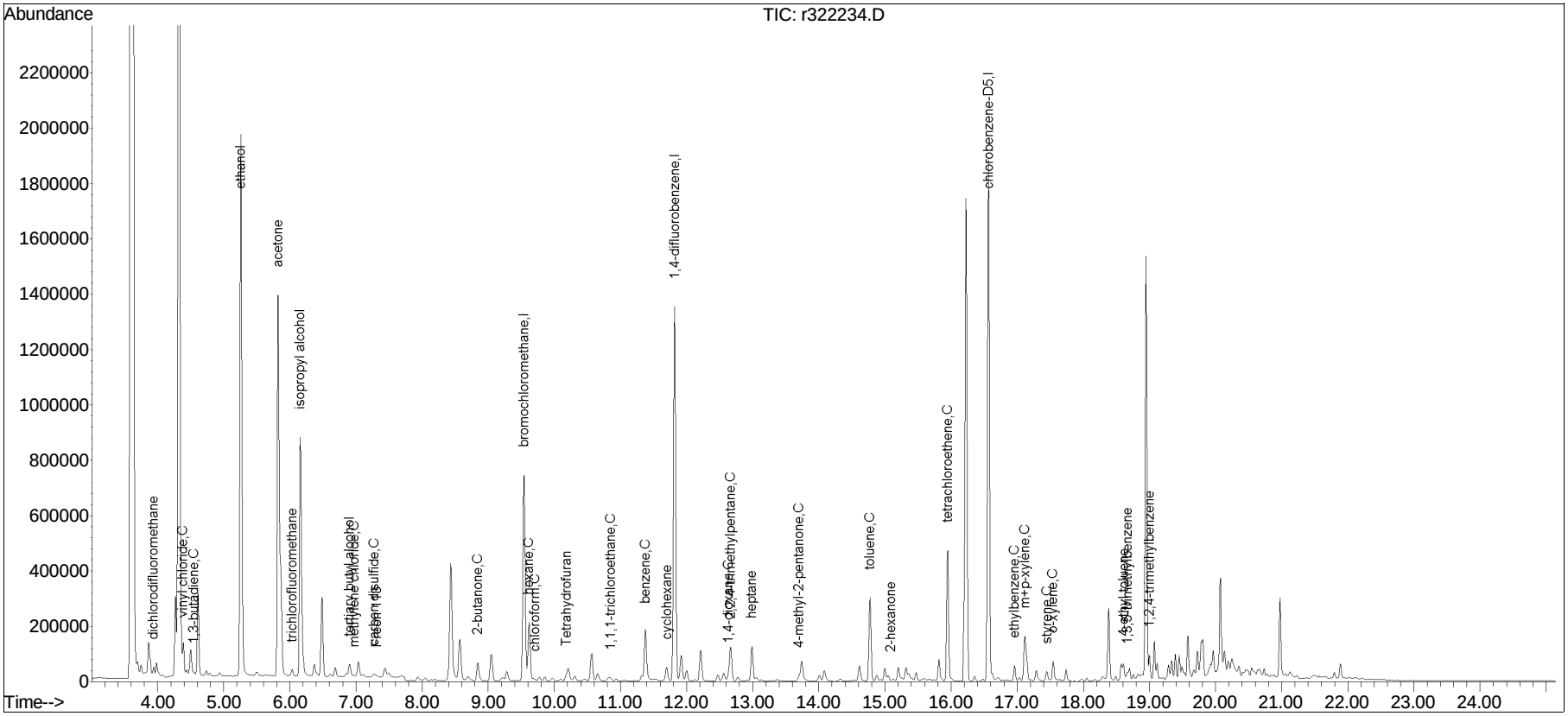
CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0519T\r322225.D
Sub List : TO15-NY - .

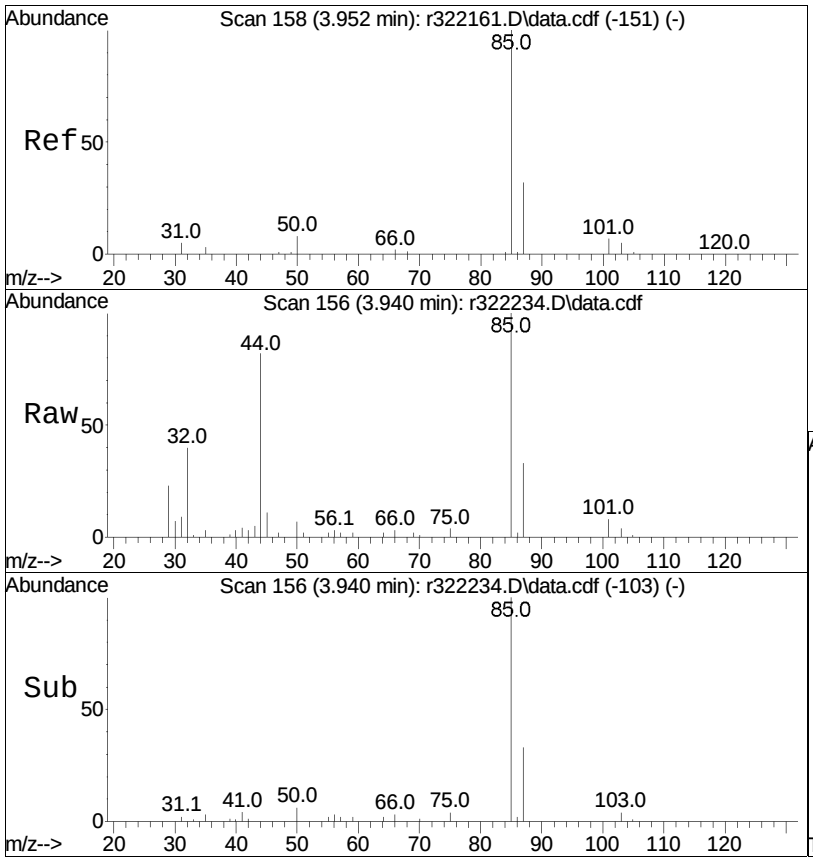
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Sub List : TO15-NY - .s\Data\Airpiano3\2022\05\0519T\r322225.D

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0519T\
Data File : r322234.D
Acq On : 19 May 2022 10:13 PM
Operator : AIRPIANO3:TS
Sample : L2225590-05,3,250,250
Misc : WG1640711,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 20 13:29:11 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0519T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

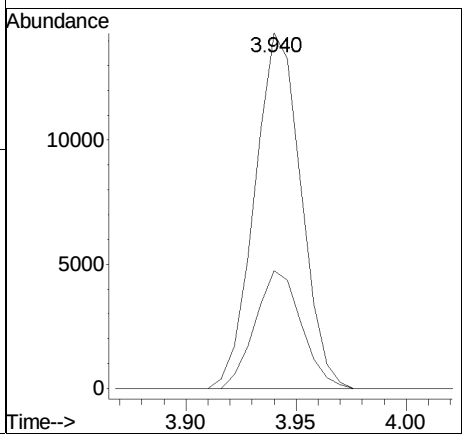


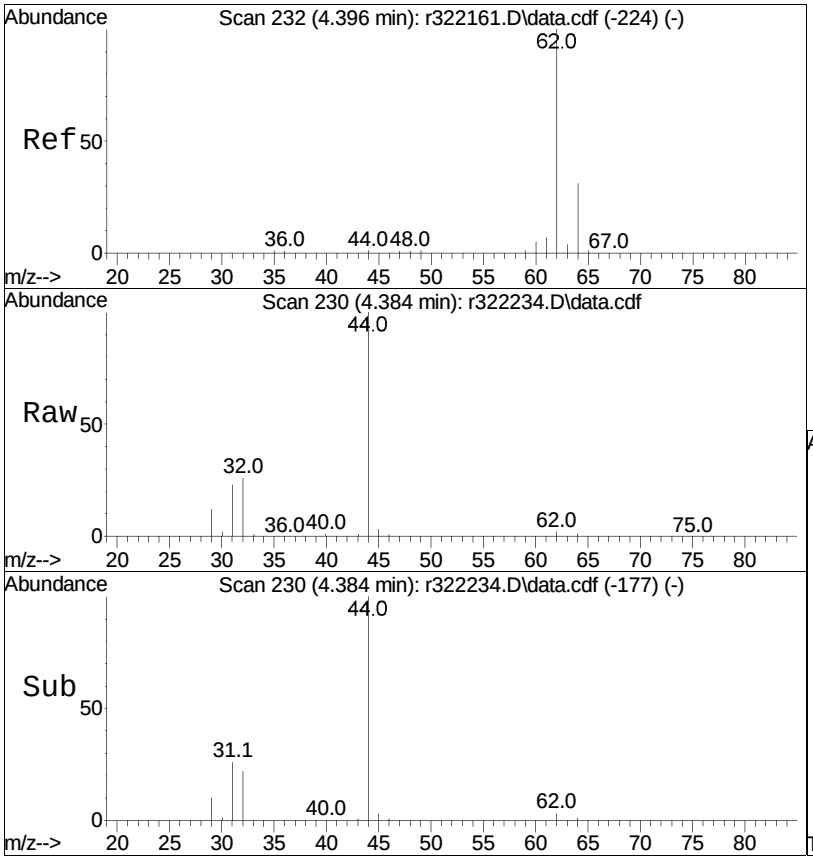


#5
dichlorodifluoromethane
Concen: 0.54 ppbV
RT: 3.940 min Scan# 156
Delta R.T. -0.012 min
Lab File: r322234.D
Acq: 19 May 2022 10:13 PM

Tgt Ion: 85 Resp: 20937

Ion	Ratio	Lower	Upper
85	100		
87	33.1	25.8	38.6

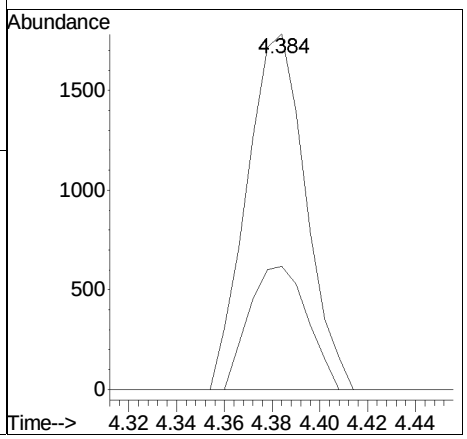


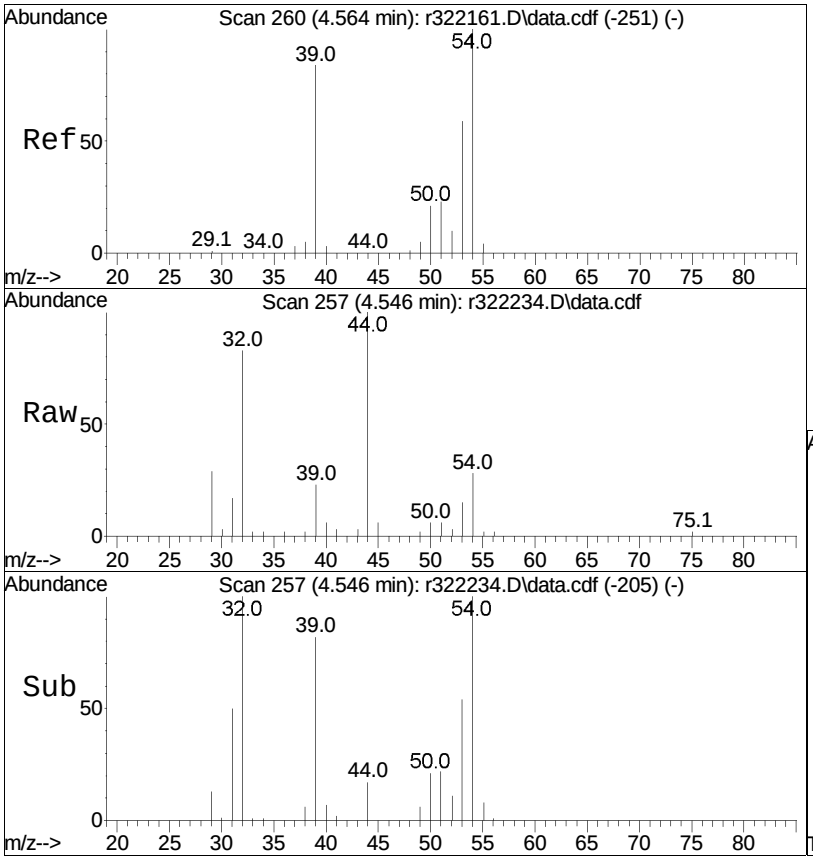


#9
vinyl chloride
Concen: 0.13 ppbV
RT: 4.384 min Scan# 230
Delta R.T. -0.012 min
Lab File: r322234.D
Acq: 19 May 2022 10:13 PM

Tgt Ion: 62 Resp: 3052

Ion	Ratio	Lower	Upper
62	100		
64	34.7	24.4	36.6

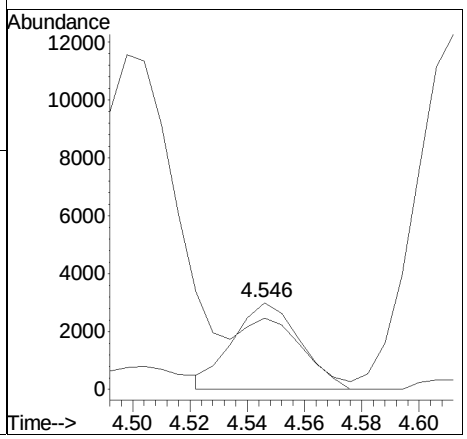


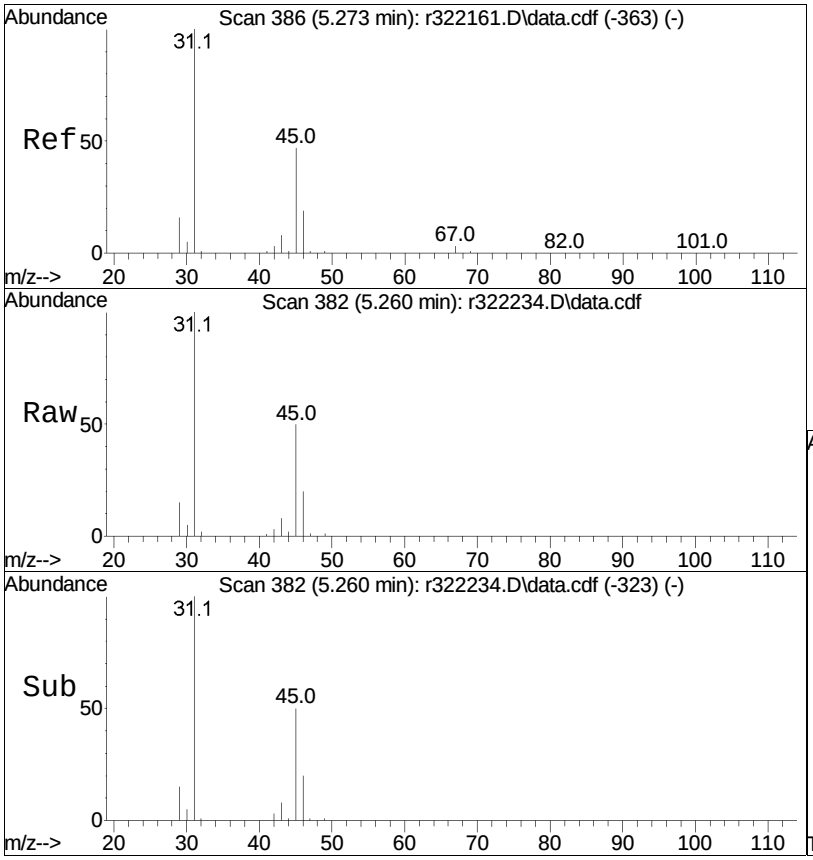


#10
1,3-butadiene
Concen: 0.25 ppbV
RT: 4.546 min Scan# 257
Delta R.T. -0.018 min
Lab File: r322234.D
Acq: 19 May 2022 10:13 PM

Tgt Ion: 54 Resp: 4853

Ion	Ratio	Lower	Upper
54	100		
39	82.4	67.8	101.8

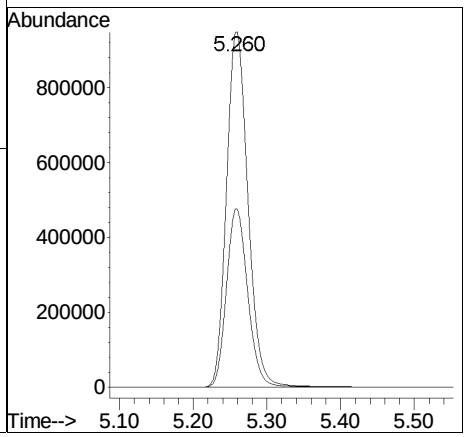


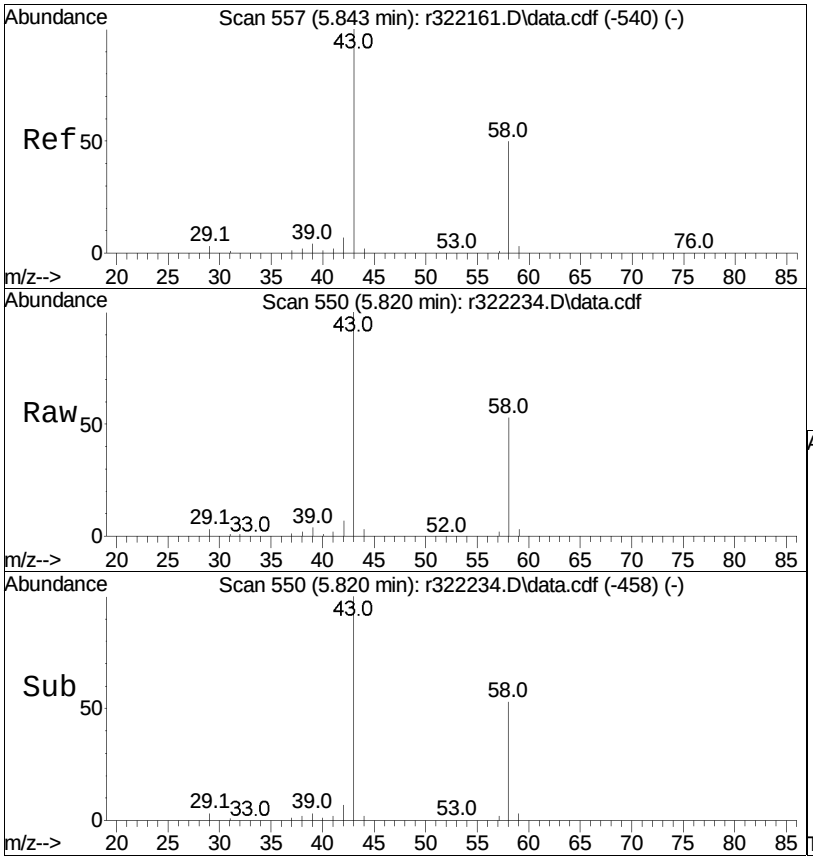


#15
ethanol
Concen: 101.90 ppbV
RT: 5.260 min Scan# 382
Delta R.T. -0.013 min
Lab File: r322234.D
Acq: 19 May 2022 10:13 PM

Tgt Ion: 31 Resp: 1930653

Ion	Ratio	Lower	Upper
31	100		
45	50.1	37.6	56.4

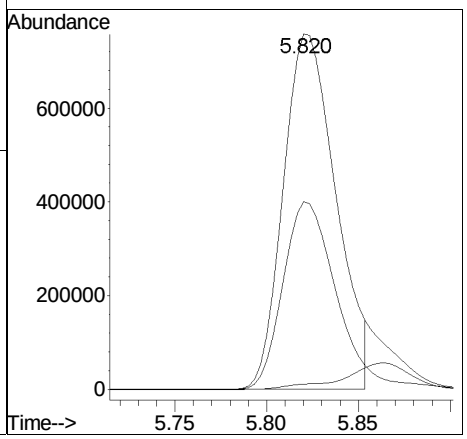


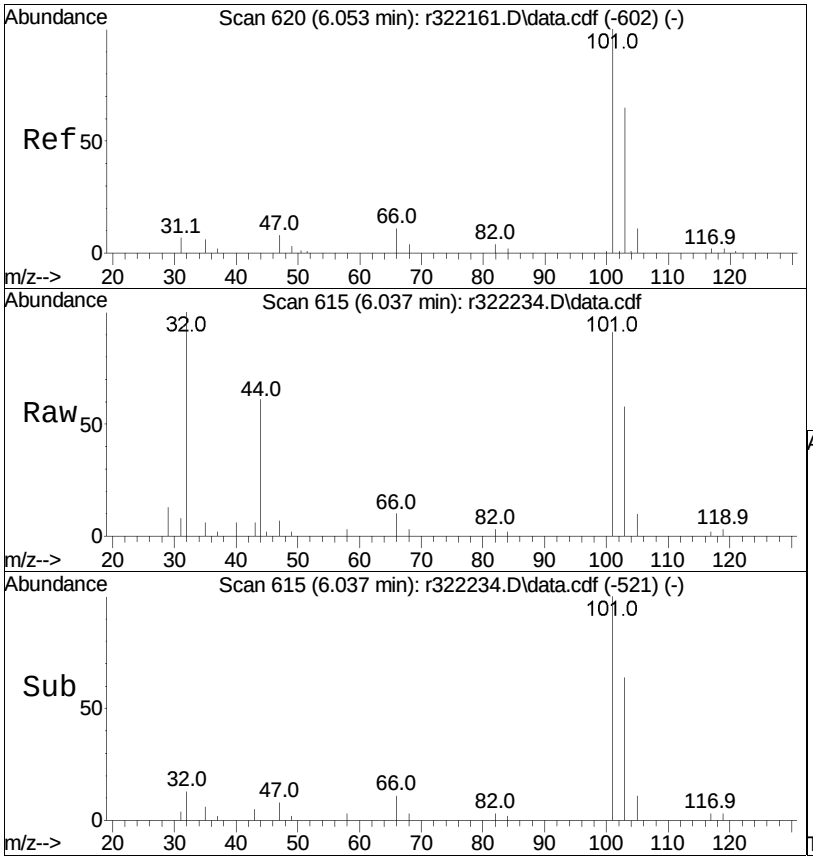


#19
acetone
Concen: 55.97 ppbV m
RT: 5.820 min Scan# 550
Delta R.T. -0.023 min
Lab File: r322234.D
Acq: 19 May 2022 10:13 PM

Tgt Ion: 43 Resp: 1512080

Ion	Ratio	Lower	Upper
43	100		
58	52.8	39.8	59.8
57	1.5	1.0	1.6

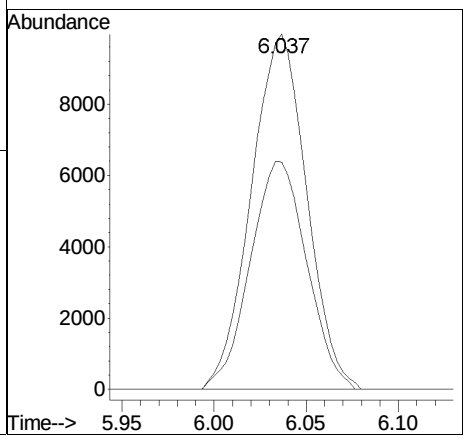


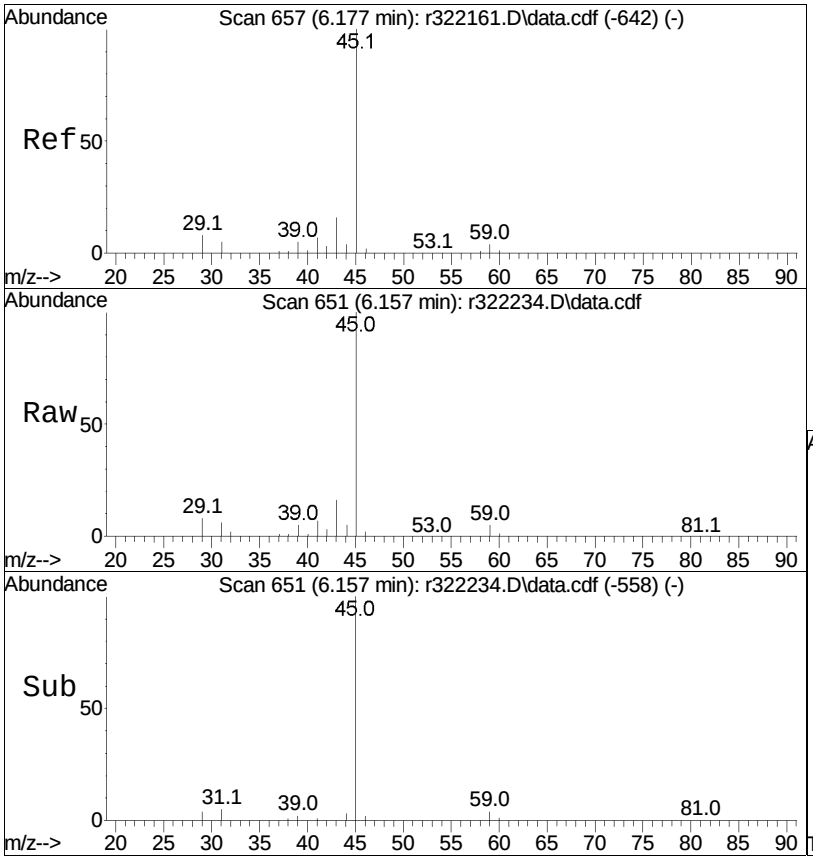


#21
trichlorofluoromethane
Concen: 0.59 ppbV
RT: 6.037 min Scan# 615
Delta R.T. -0.017 min
Lab File: r322234.D
Acq: 19 May 2022 10:13 PM

Tgt Ion:101 Resp: 20901

Ion	Ratio	Lower	Upper
101	100		
103	64.0	51.8	77.6

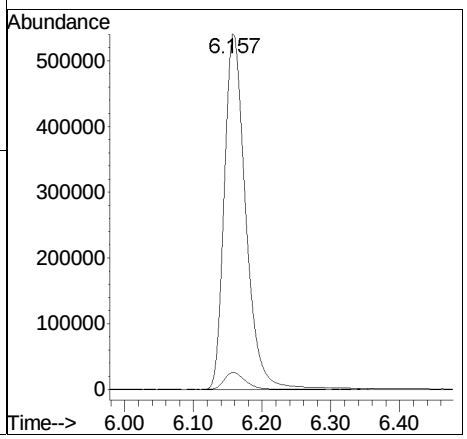


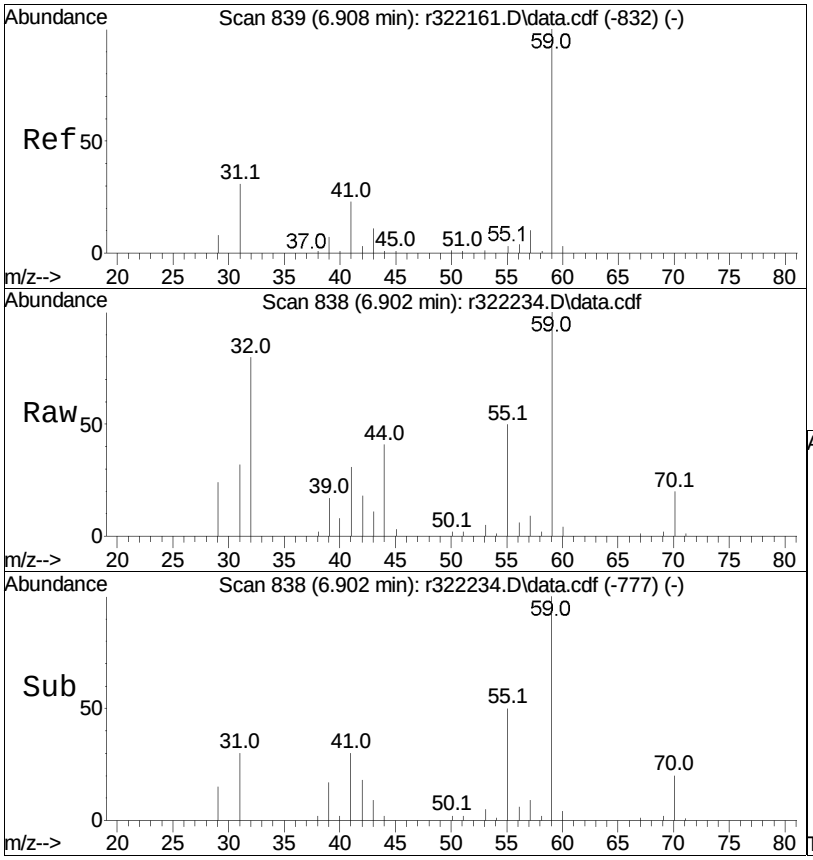


#22
isopropyl alcohol
Concen: 36.13 ppbV
RT: 6.157 min Scan# 651
Delta R.T. -0.020 min
Lab File: r322234.D
Acq: 19 May 2022 10:13 PM

Tgt Ion: 45 Resp: 1174718

Ion	Ratio	Lower	Upper
45	100		
59	4.8	3.5	5.3

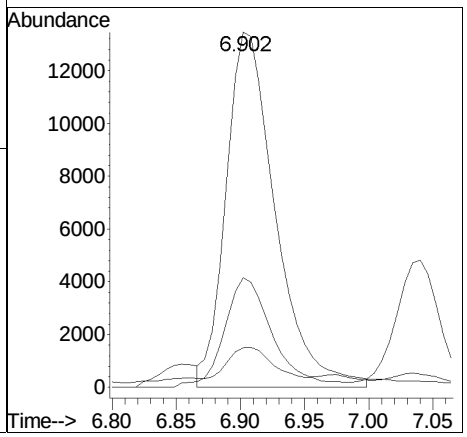


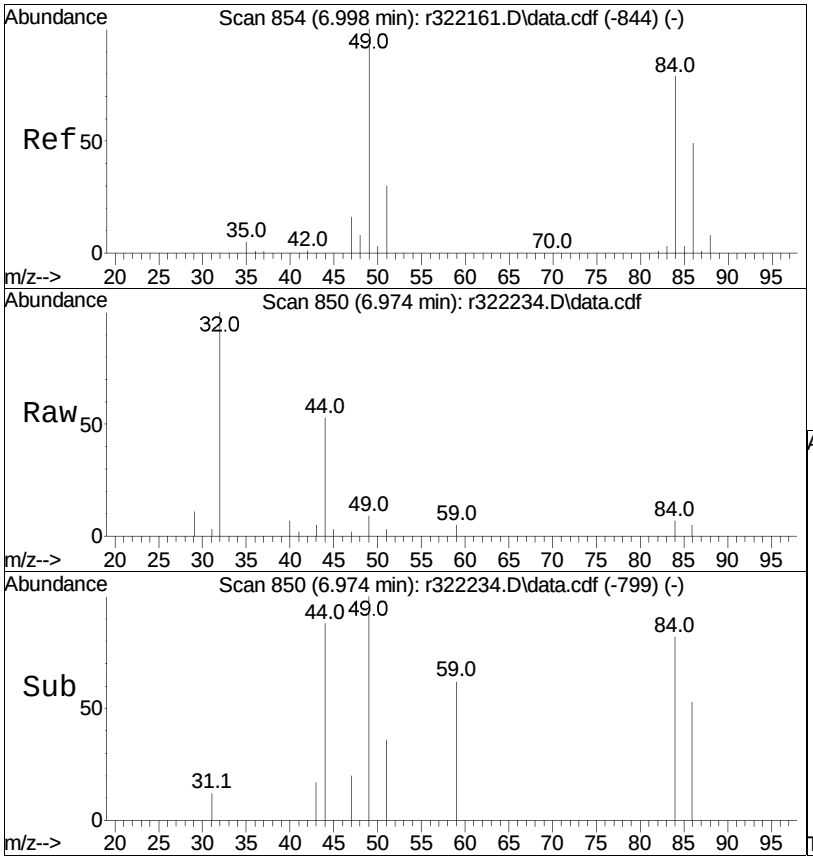


#27
tertiary butyl alcohol
Concen: 0.89 ppbV m
RT: 6.902 min Scan# 838
Delta R.T. -0.006 min
Lab File: r322234.D
Acq: 19 May 2022 10:13 PM

Tgt Ion: 59 Resp: 35960

Ion	Ratio	Lower	Upper
59	100		
41	30.9	18.2	27.2#
43	11.2	8.9	13.3

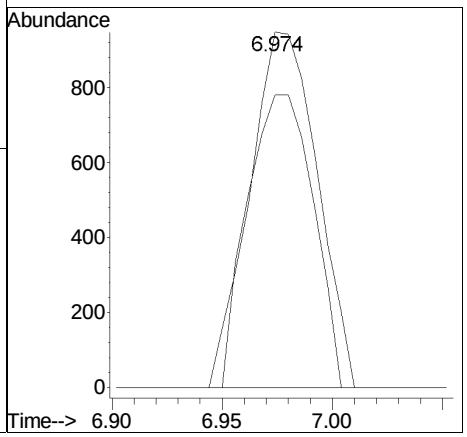


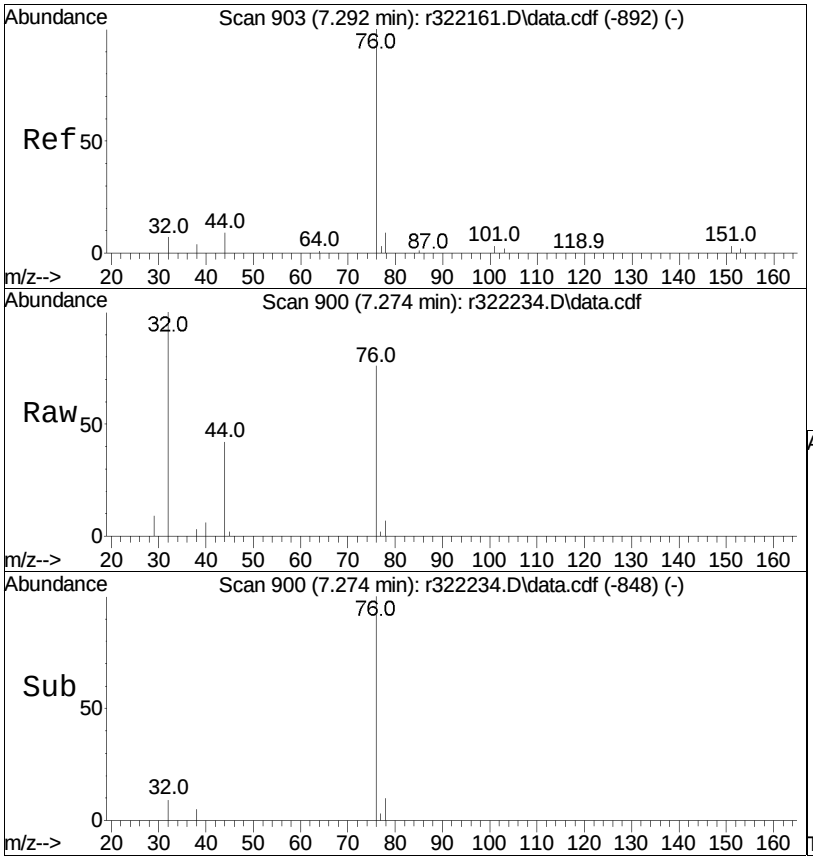


#28
methylene chloride
Concen: 0.07 ppbV
RT: 6.974 min Scan# 850
Delta R.T. -0.024 min
Lab File: r322234.D
Acq: 19 May 2022 10:13 PM

Tgt Ion: 49 Resp: 2029

Ion	Ratio	Lower	Upper
49	100		
84	82.4	63.0	94.6

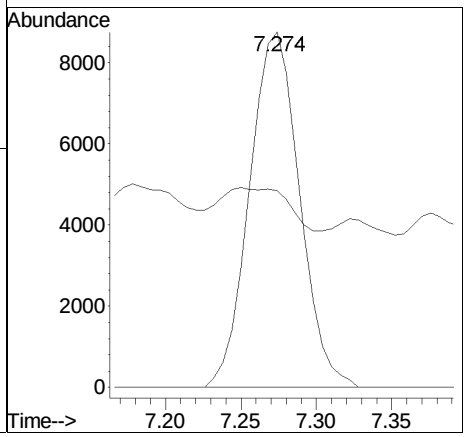


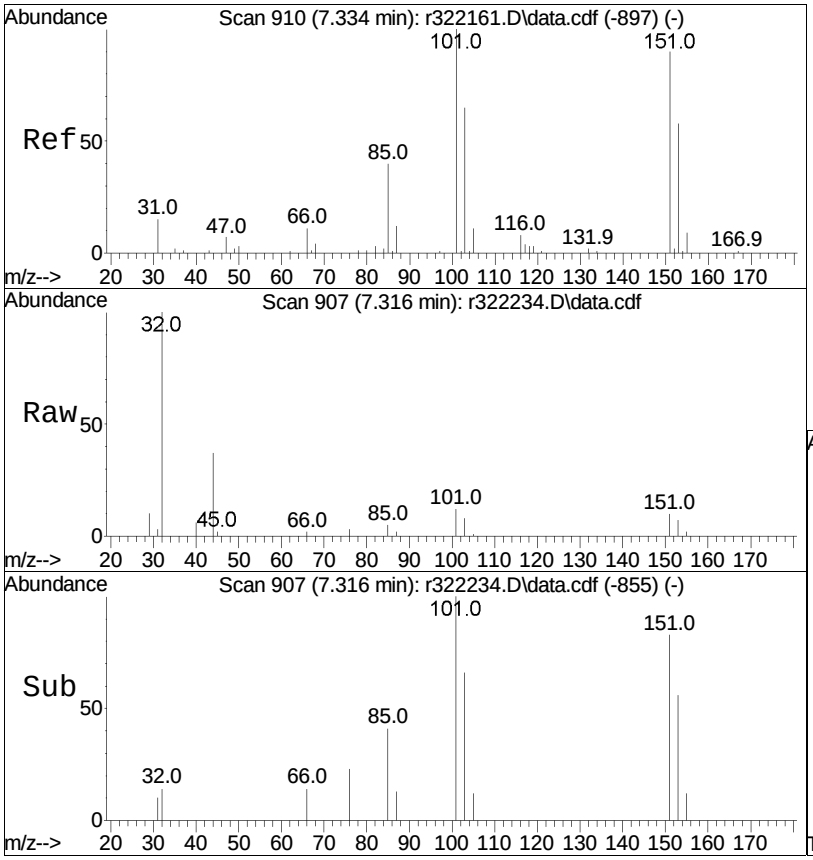


#30
carbon disulfide
Concen: 0.29 ppbV
RT: 7.274 min Scan# 900
Delta R.T. -0.018 min
Lab File: r322234.D
Acq: 19 May 2022 10:13 PM

Tgt Ion: 76 Resp: 20184

Ion	Ratio	Lower	Upper
76	100		
44	55.3	7.6	11.4#

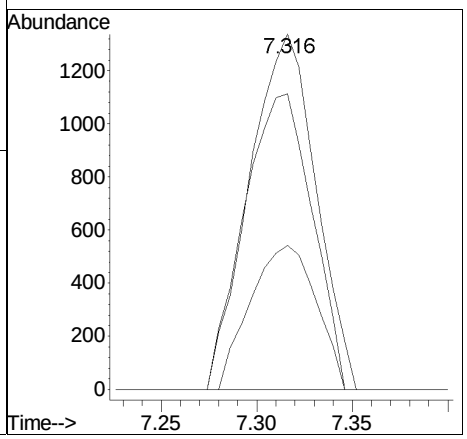


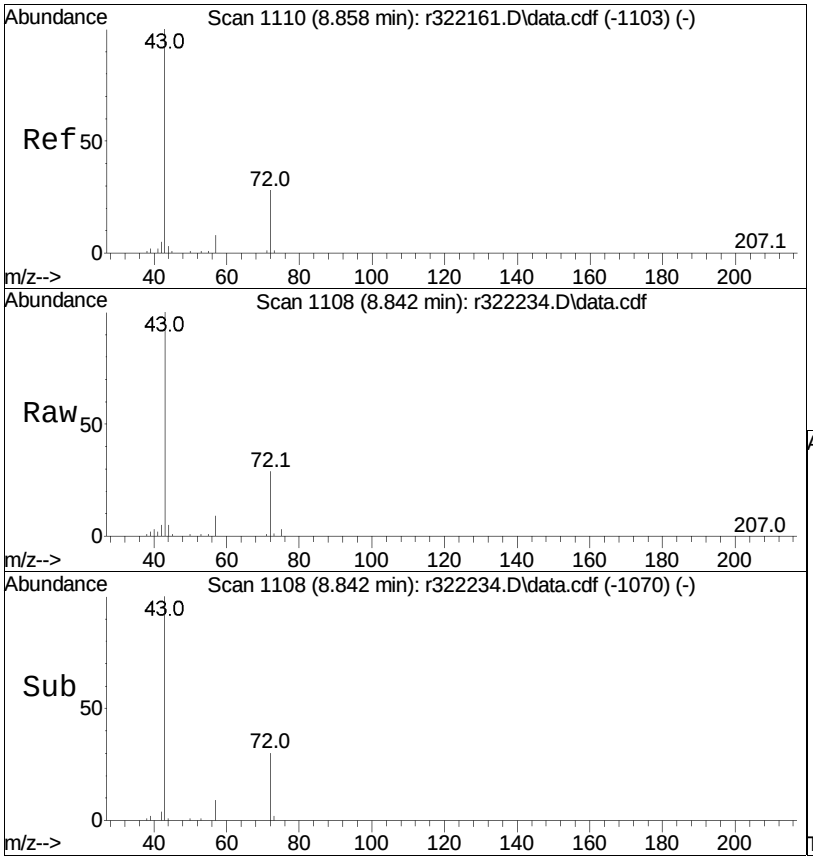


#31
Freon 113
Concen: 0.08 ppbV
RT: 7.316 min Scan# 907
Delta R.T. -0.018 min
Lab File: r322234.D
Acq: 19 May 2022 10:13 PM

Tgt Ion:101 Resp: 3246

Ion	Ratio	Lower	Upper
101	100		
85	40.5	31.8	47.8
151	83.2	72.2	108.4

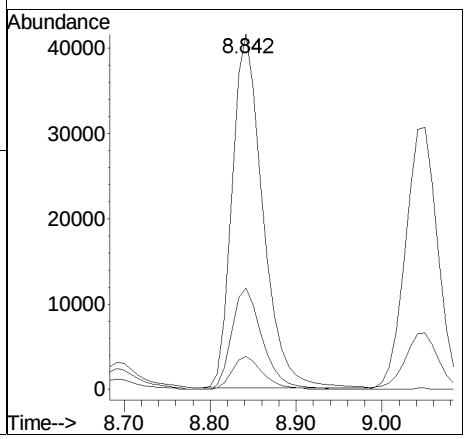


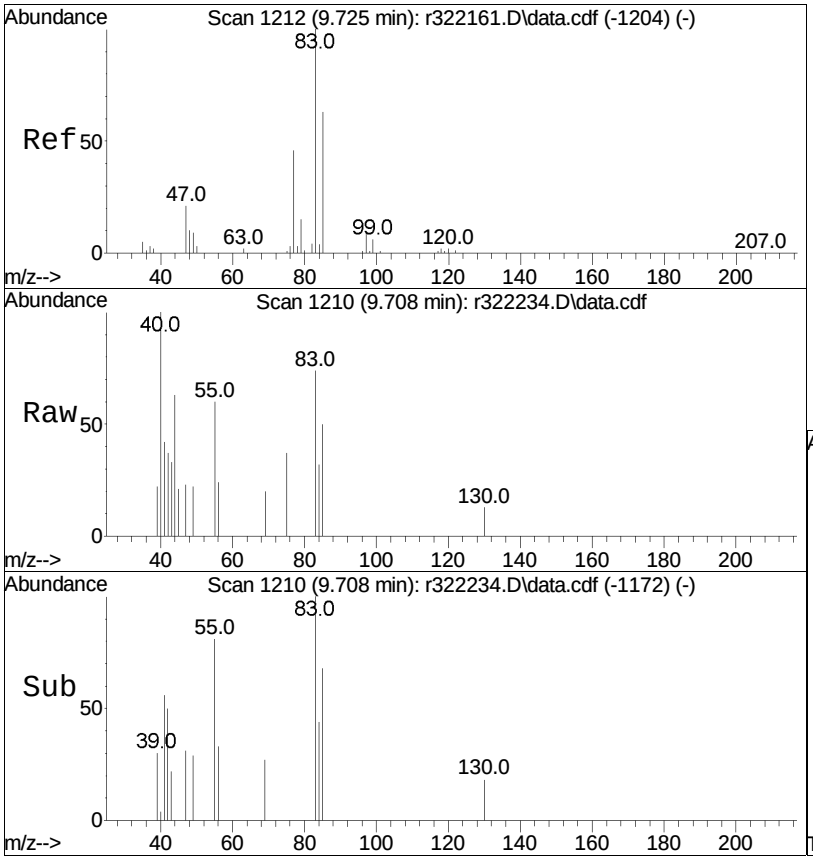


#36
2-butanone
Concen: 2.10 ppbV
RT: 8.842 min Scan# 1108
Delta R.T. -0.017 min
Lab File: r322234.D
Acq: 19 May 2022 10:13 PM

Tgt Ion: 43 Resp: 102952

Ion	Ratio	Lower	Upper
43	100		
72	28.5	22.6	33.8
57	9.3	6.6	10.0

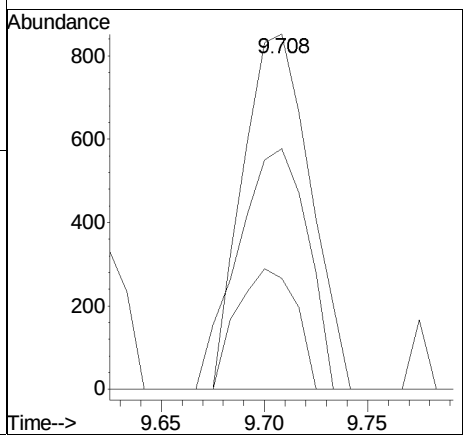


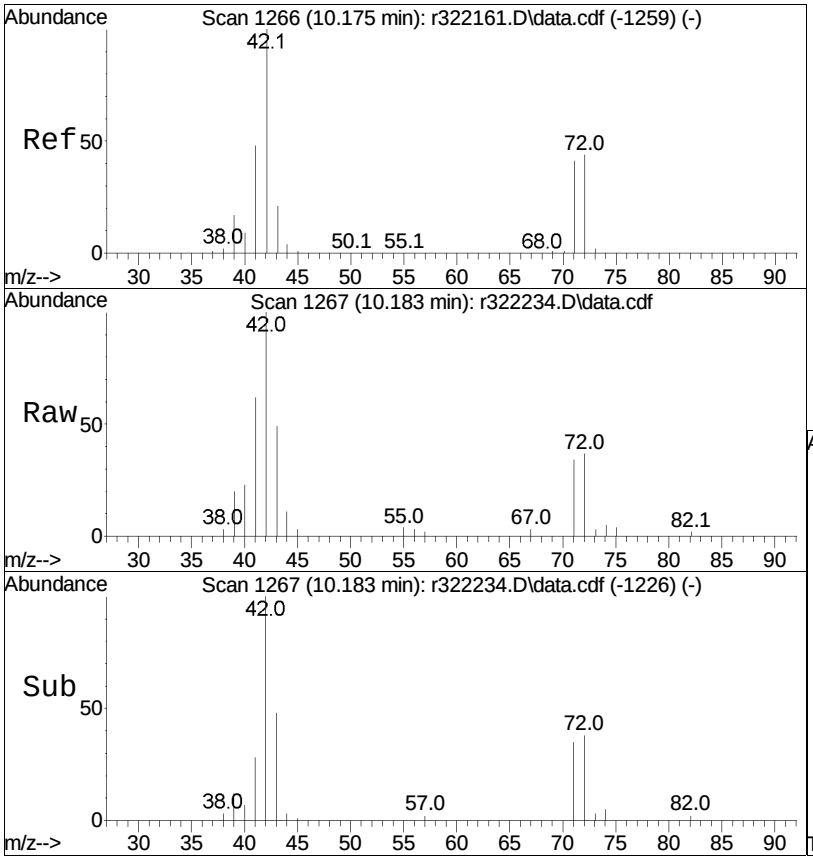


#39
chloroform
Concen: 0.05 ppbV
RT: 9.708 min Scan# 1210
Delta R.T. -0.017 min
Lab File: r322234.D
Acq: 19 May 2022 10:13 PM

Tgt Ion: 83 Resp: 1935

Ion	Ratio	Lower	Upper
83	100		
85	67.7	50.4	75.6
47	31.2	16.9	25.3#

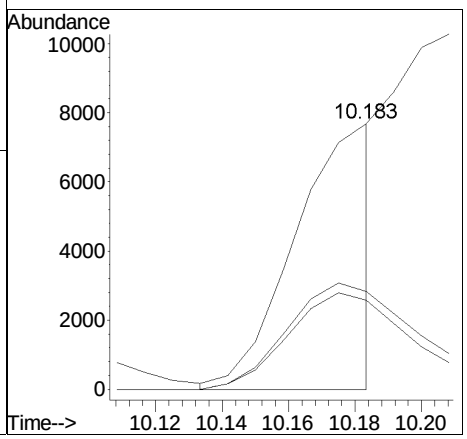


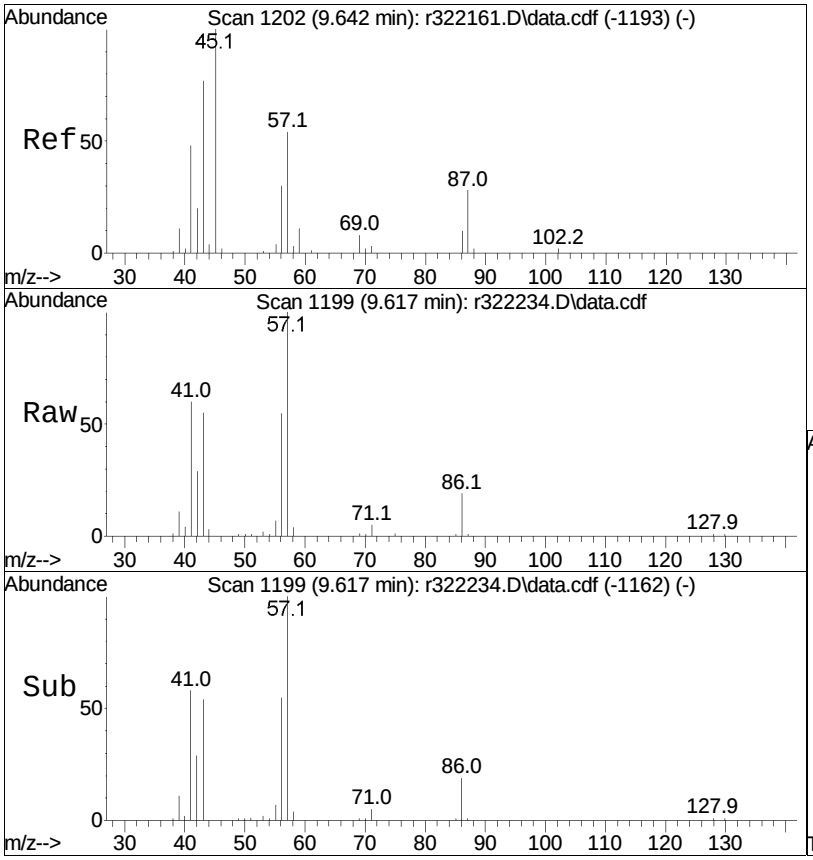


#40
Tetrahydrofuran
Concen: 0.46 ppbV m
RT: 10.183 min Scan# 1267
Delta R.T. 0.008 min
Lab File: r322234.D
Acq: 19 May 2022 10:13 PM

Tgt Ion: 42 Resp: 12912

Ion	Ratio	Lower	Upper
42	100		
71	33.6	32.4	48.6
72	36.9	35.2	52.8

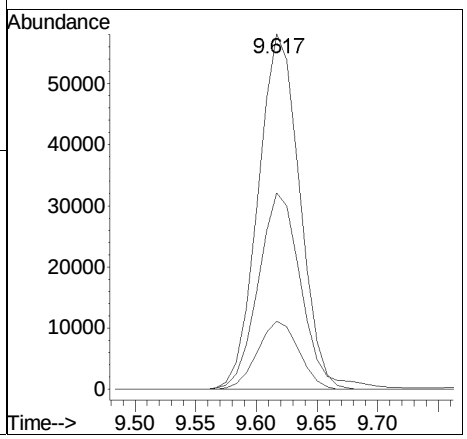


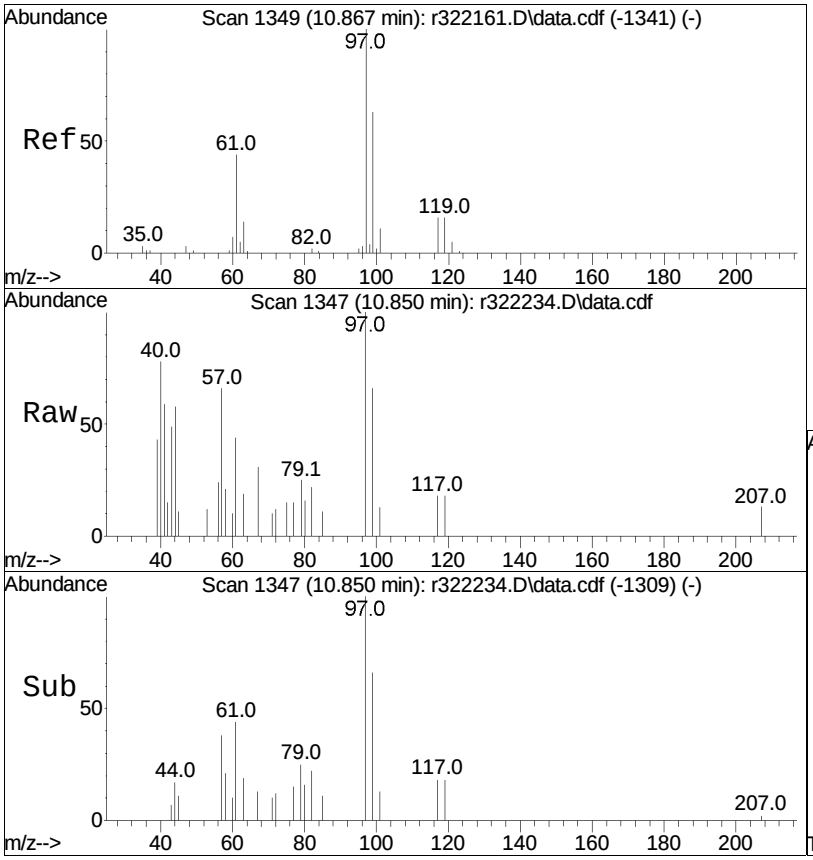


#44
hexane
Concen: 3.19 ppbV
RT: 9.617 min Scan# 1199
Delta R.T. -0.025 min
Lab File: r322234.D
Acq: 19 May 2022 10:13 PM

Tgt Ion: 57 Resp: 137929

Ion	Ratio	Lower	Upper
57	100		
43	55.3	115.0	172.6#
86	19.2	15.5	23.3

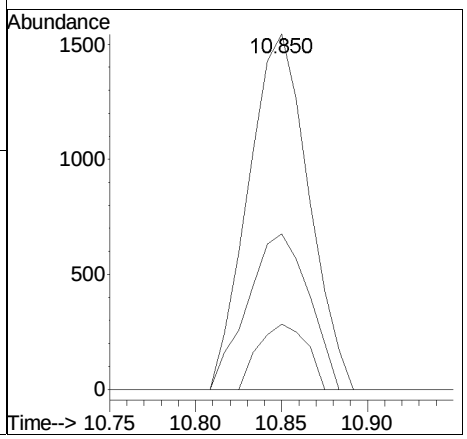


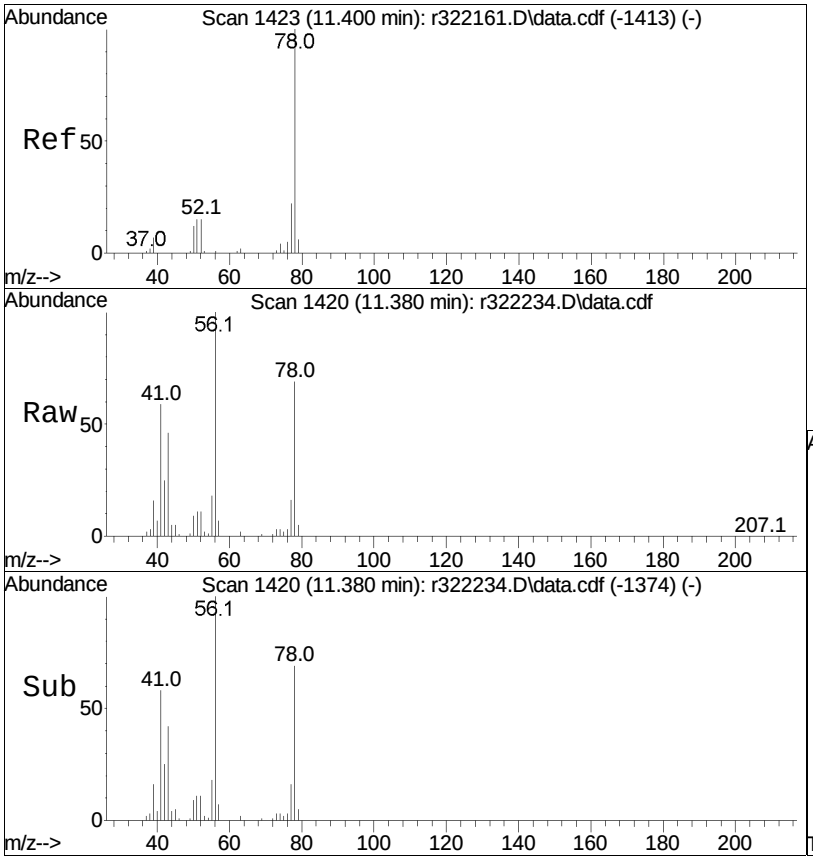


#48
1,1,1-trichloroethane
Concen: 0.11 ppbV
RT: 10.850 min Scan# 1347
Delta R.T. -0.017 min
Lab File: r322234.D
Acq: 19 May 2022 10:13 PM

Tgt Ion: 97 Resp: 3756

Ion	Ratio	Lower	Upper
97	100		
61	43.8	35.1	52.7
119	18.4	12.5	18.7

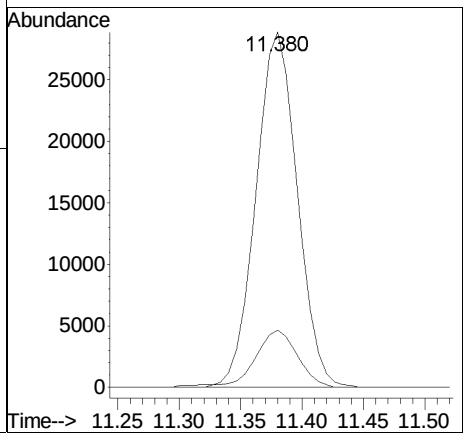


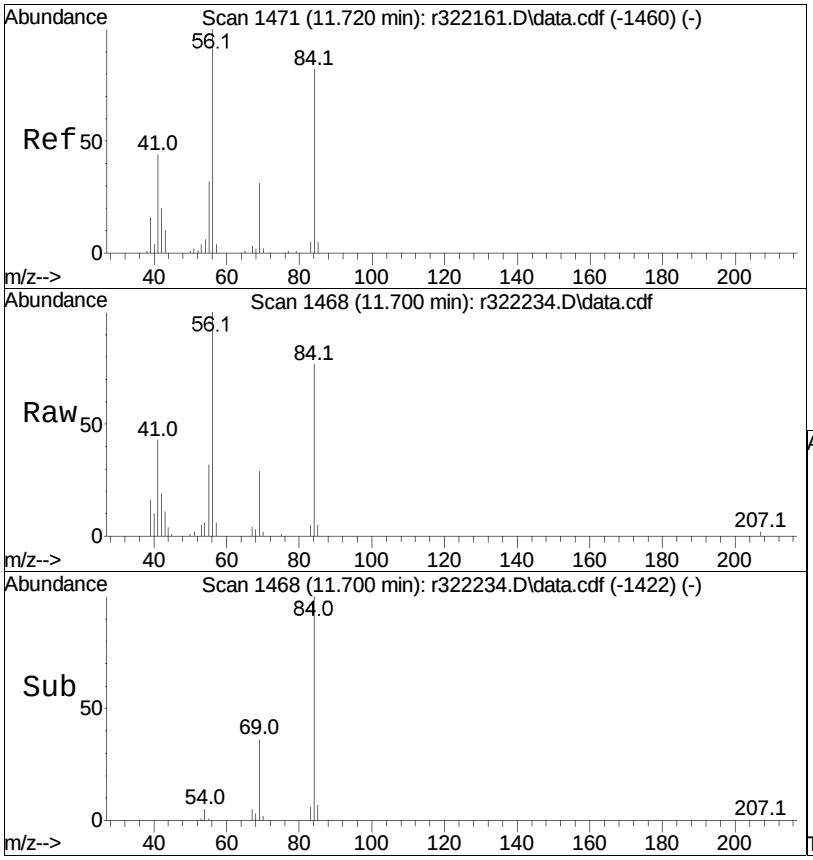


#50
benzene
Concen: 0.76 ppbV
RT: 11.380 min Scan# 1420
Delta R.T. -0.020 min
Lab File: r322234.D
Acq: 19 May 2022 10:13 PM

Tgt Ion: 78 Resp: 67647

Ion	Ratio	Lower	Upper
78	100		
52	16.1	12.2	18.2

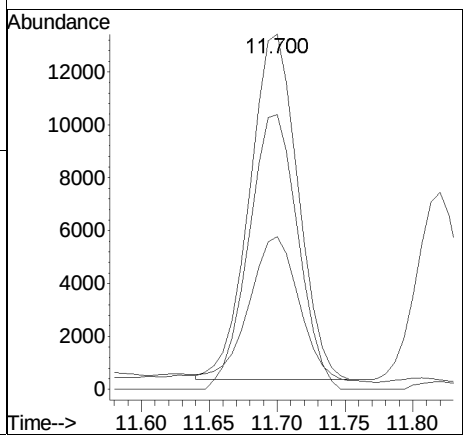


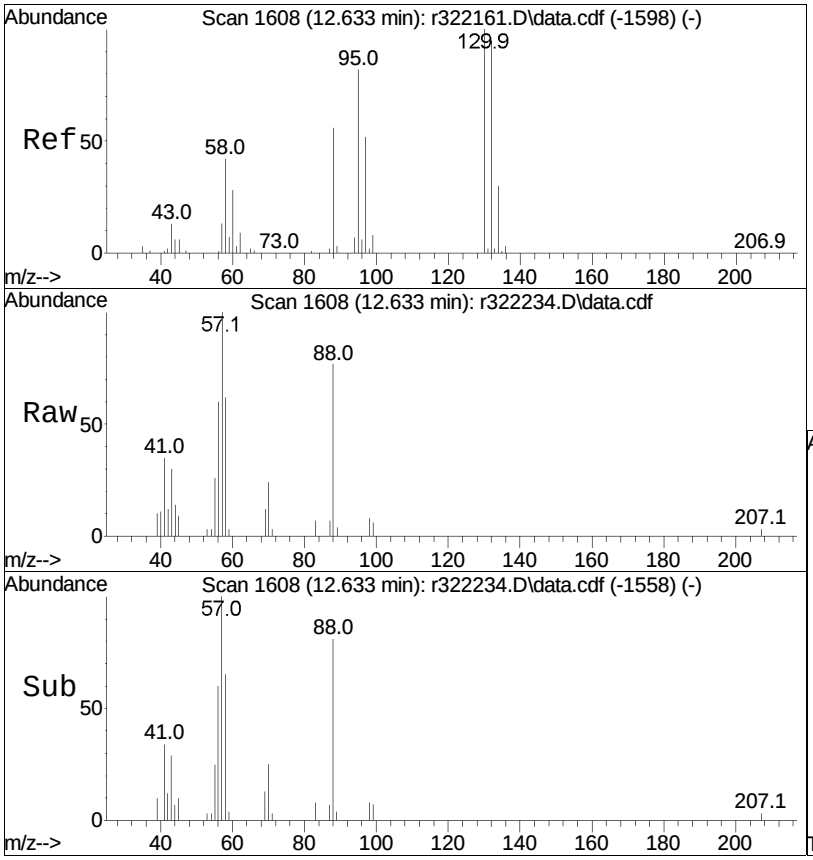


#53
cyclohexane
Concen: 0.72 ppbV
RT: 11.700 min Scan# 1468
Delta R.T. -0.020 min
Lab File: r322234.D
Acq: 19 May 2022 10:13 PM

Tgt Ion: 56 Resp: 32410

Ion	Ratio	Lower	Upper
56	100		
84	77.3	65.4	98.0
41	43.0	35.4	53.2

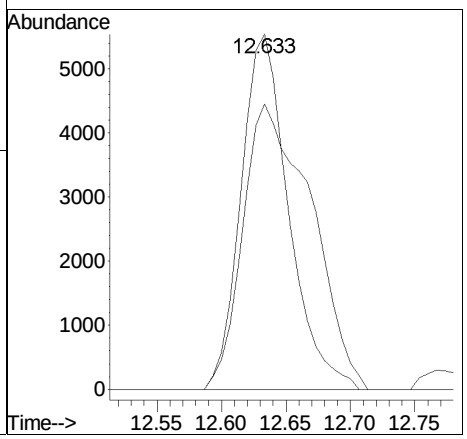


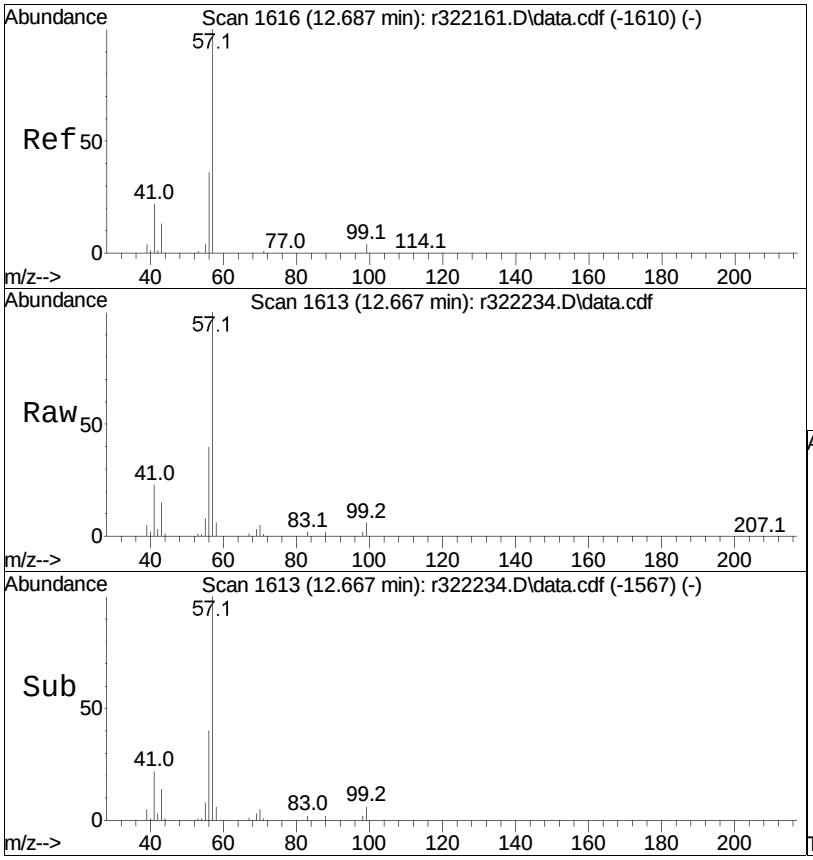


#58
1,4-dioxane
Concen: 0.79 ppbV
RT: 12.633 min Scan# 1608
Delta R.T. 0.000 min
Lab File: r322234.D
Acq: 19 May 2022 10:13 PM

Tgt Ion: 88 Resp: 14249

Ion	Ratio	Lower	Upper
88	100		
58	80.3	61.2	91.8

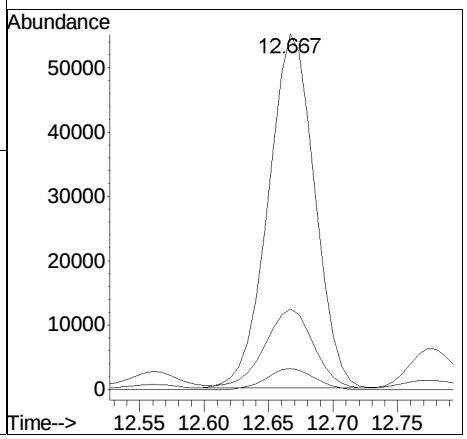


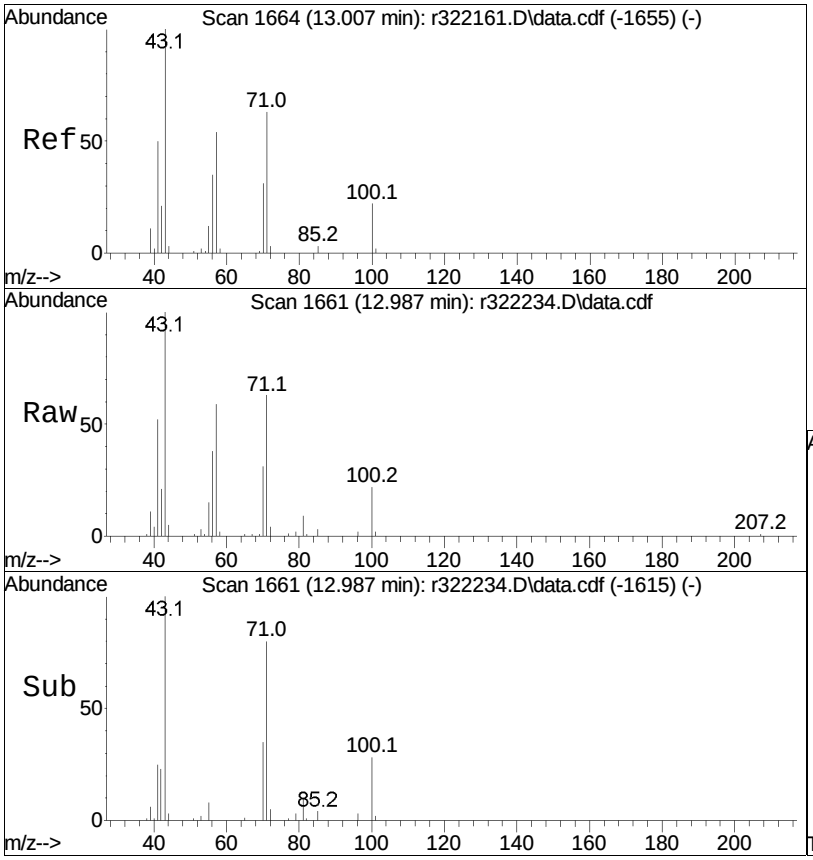


#60
2,2,4-trimethylpentane
Concen: 1.03 ppbV
RT: 12.667 min Scan# 1613
Delta R.T. -0.020 min
Lab File: r322234.D
Acq: 19 May 2022 10:13 PM

Tgt Ion: 57 Resp: 137631

Ion	Ratio	Lower	Upper
57	100		
99	5.9	5.0	7.4
41	22.6	17.4	26.2

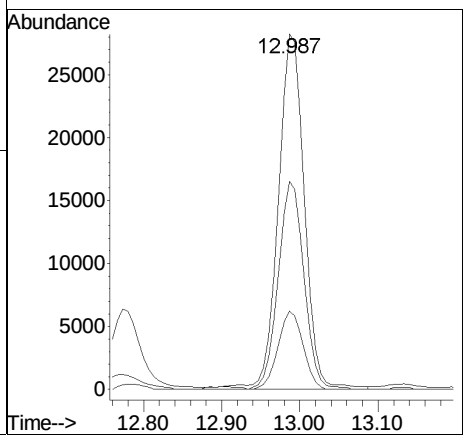


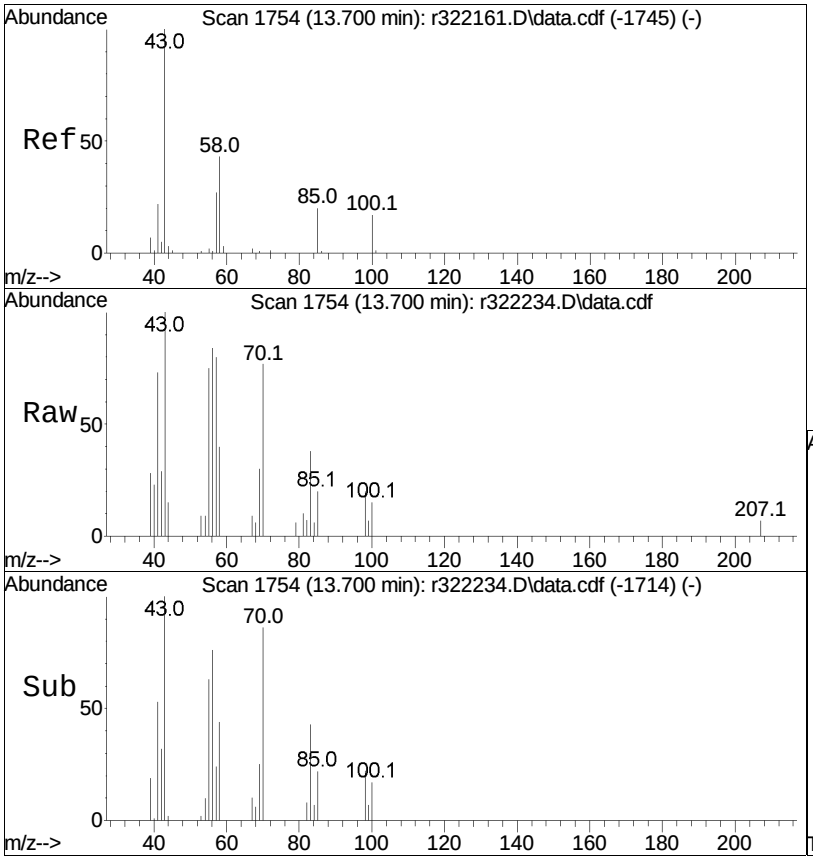


#62
heptane
Concen: 1.32 ppbV
RT: 12.987 min Scan# 1661
Delta R.T. -0.020 min
Lab File: r322234.D
Acq: 19 May 2022 10:13 PM

Tgt Ion: 43 Resp: 65844

Ion	Ratio	Lower	Upper
43	100		
57	58.5	43.0	64.4
100	22.1	17.6	26.4

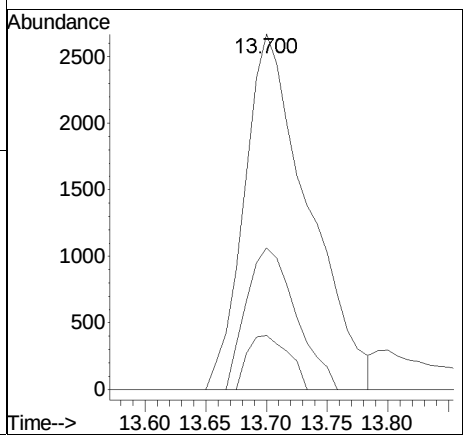


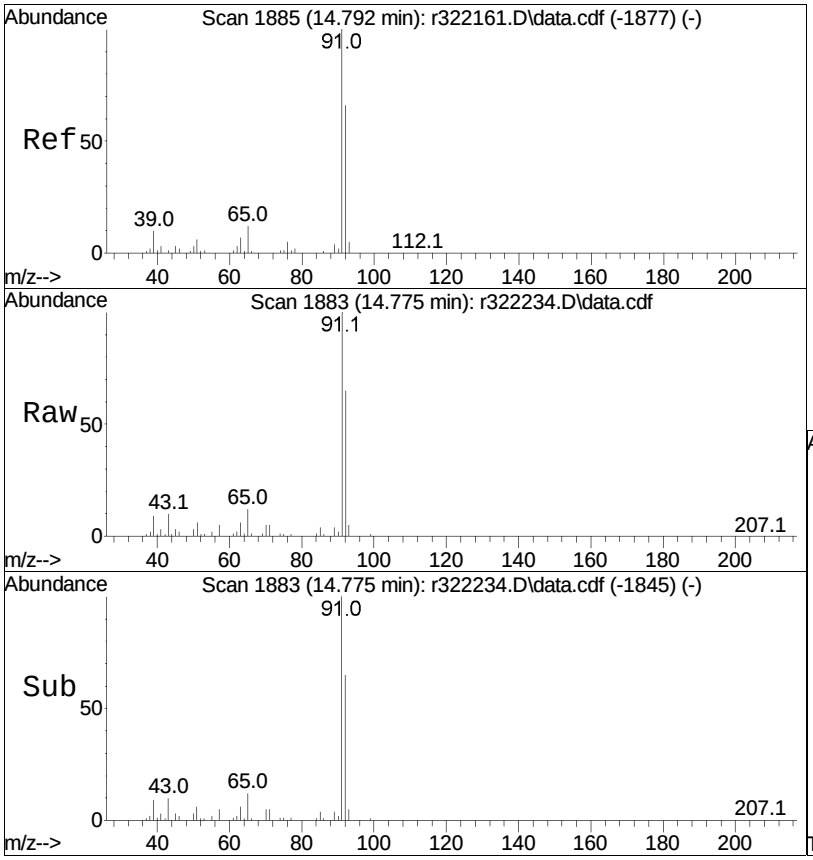


#64
4-methyl-2-pentanone
Concen: 0.17 ppbV
RT: 13.700 min Scan# 1754
Delta R.T. 0.000 min
Lab File: r322234.D
Acq: 19 May 2022 10:13 PM

Tgt Ion: 43 Resp: 9784

Ion	Ratio	Lower	Upper
43	100		
58	39.9	34.3	51.5
100	15.2	13.8	20.6

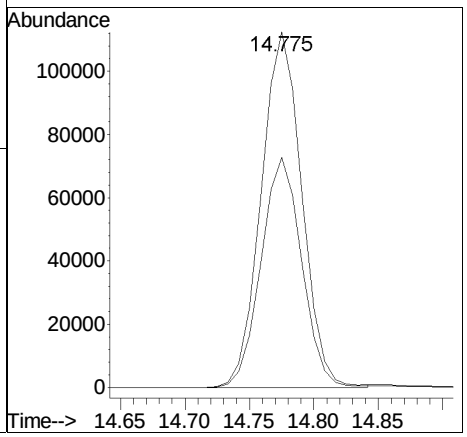


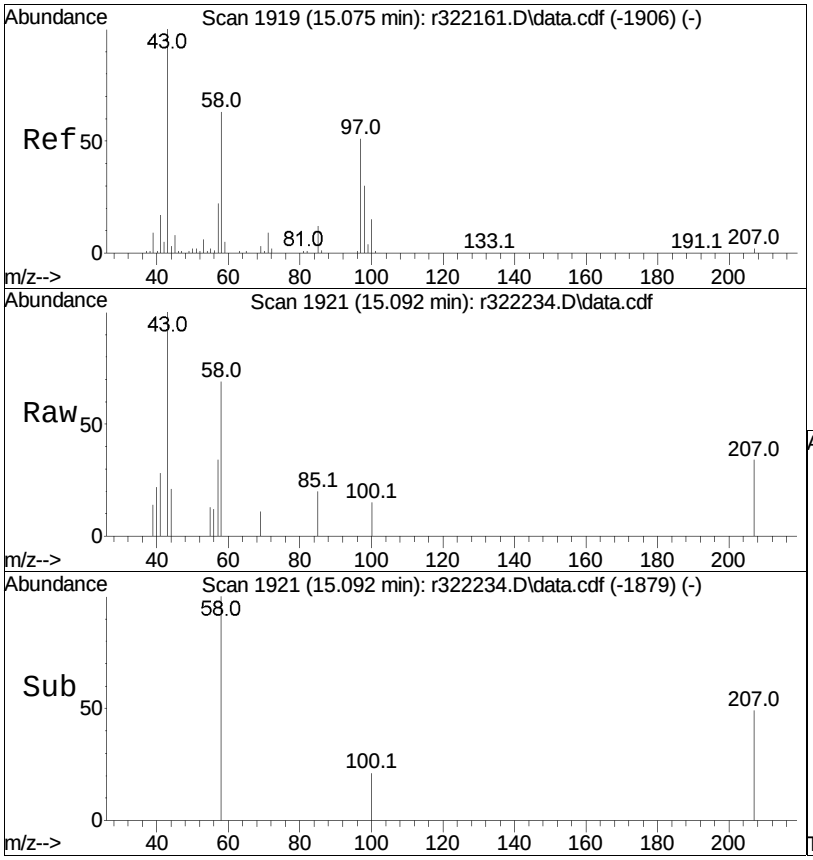


#68
toluene
Concen: 2.73 ppbV
RT: 14.775 min Scan# 1883
Delta R.T. -0.017 min
Lab File: r322234.D
Acq: 19 May 2022 10:13 PM

Tgt Ion: 91 Resp: 245618

Ion	Ratio	Lower	Upper
91	100		
92	64.8	52.7	79.1

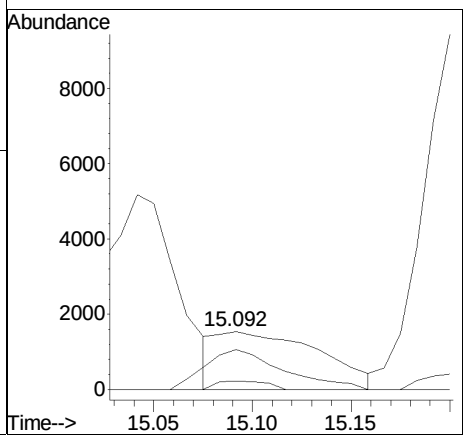


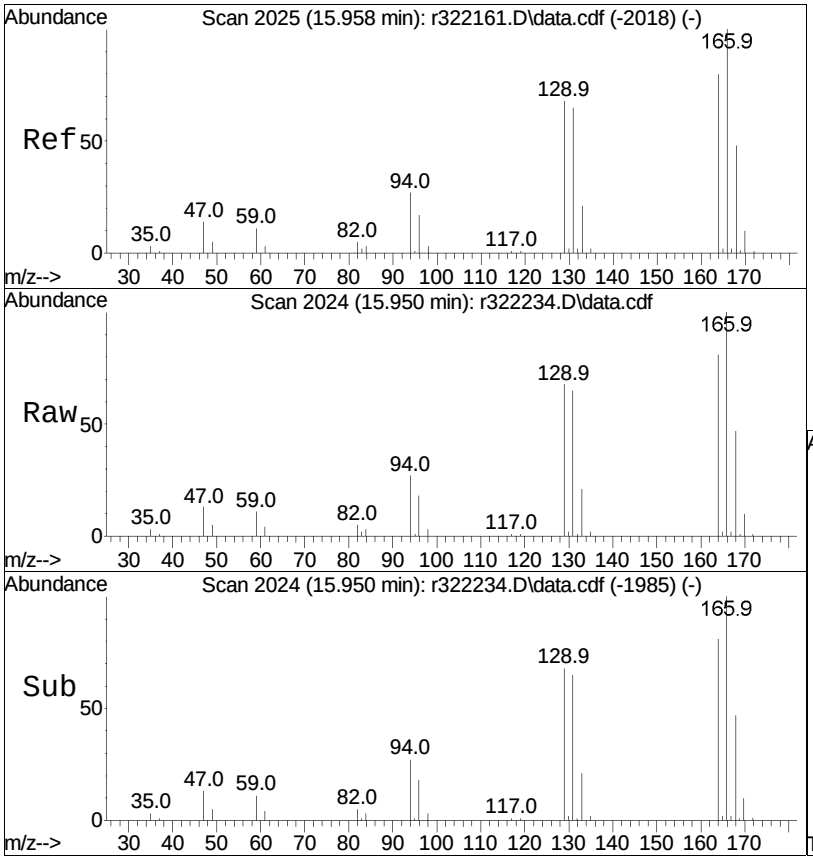


#72
2-hexanone
Concen: 0.10 ppbV m
RT: 15.092 min Scan# 1921
Delta R.T. 0.017 min
Lab File: r322234.D
Acq: 19 May 2022 10:13 PM

Tgt Ion: 43 Resp: 5615

Ion	Ratio	Lower	Upper
43	100		
58	69.0	50.5	75.7
100	14.5	12.2	18.2

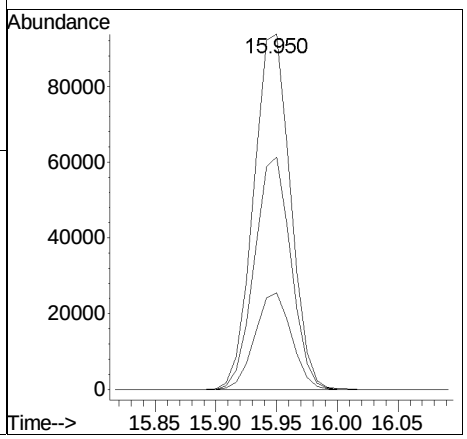


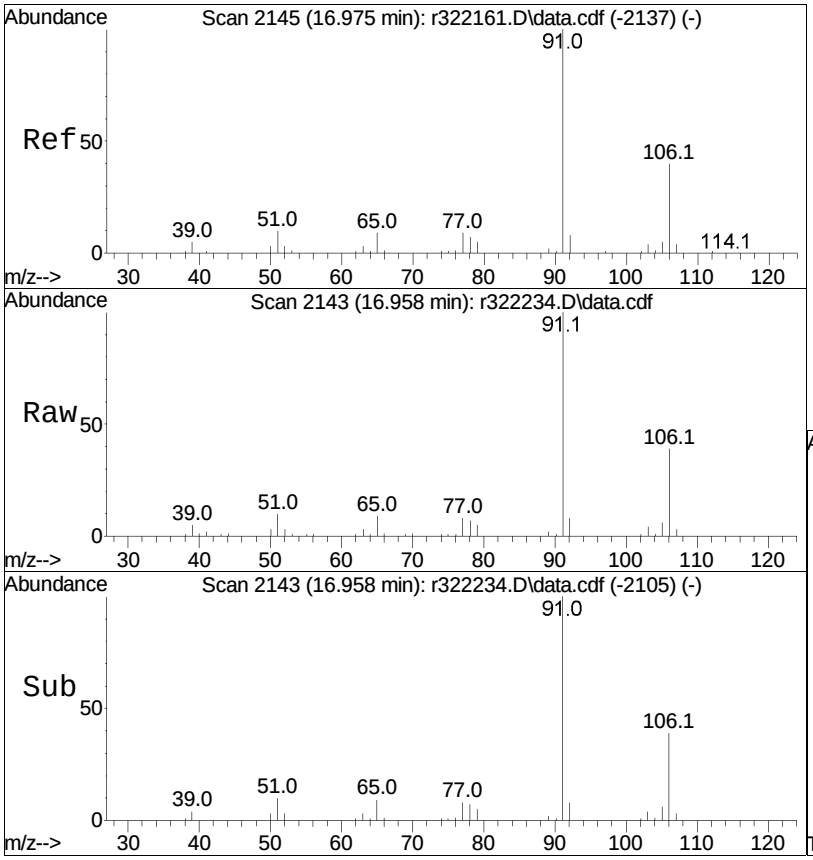


#78
tetrachloroethene
Concen: 4.54 ppbV
RT: 15.950 min Scan# 2024
Delta R.T. -0.008 min
Lab File: r322234.D
Acq: 19 May 2022 10:13 PM

Tgt Ion:166 Resp: 197873

Ion	Ratio	Lower	Upper
166	100		
131	65.4	51.8	77.6
94	27.2	21.8	32.8

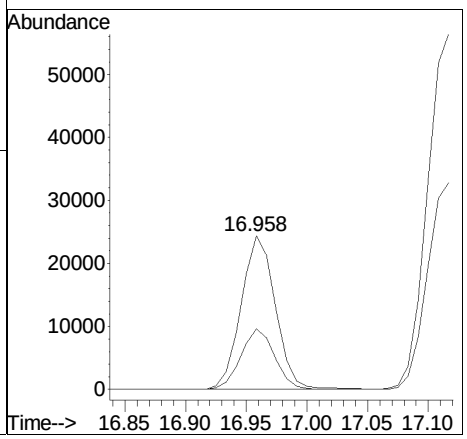


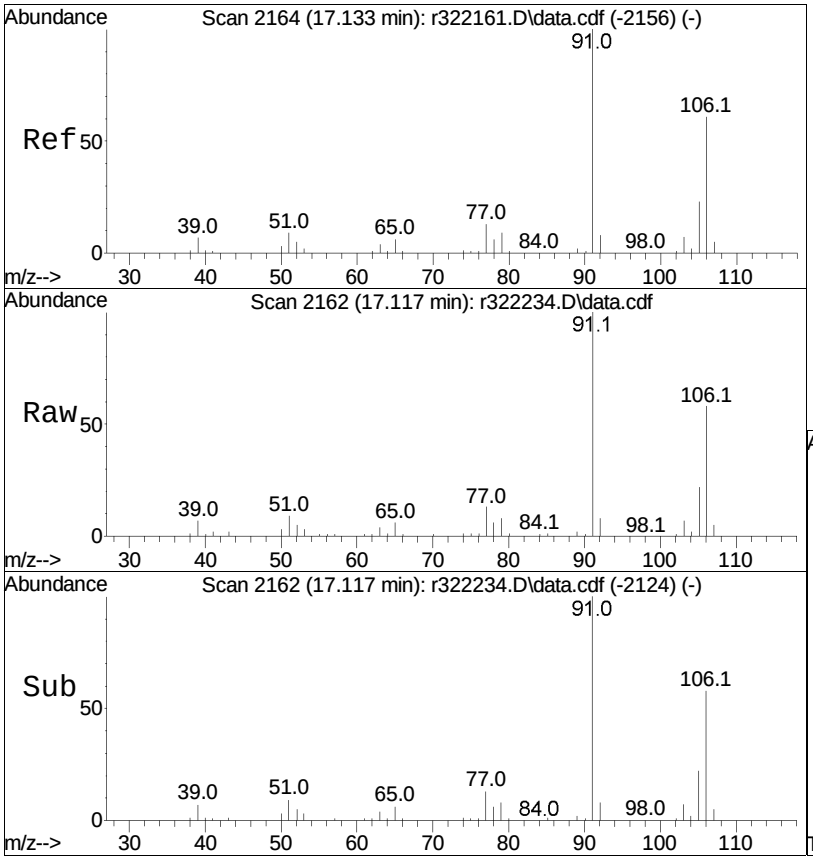


#81
ethylbenzene
Concen: 0.44 ppbV
RT: 16.958 min Scan# 2143
Delta R.T. -0.017 min
Lab File: r322234.D
Acq: 19 May 2022 10:13 PM

Tgt Ion: 91 Resp: 47952

Ion	Ratio	Lower	Upper
91	100		
106	39.4	32.4	48.6

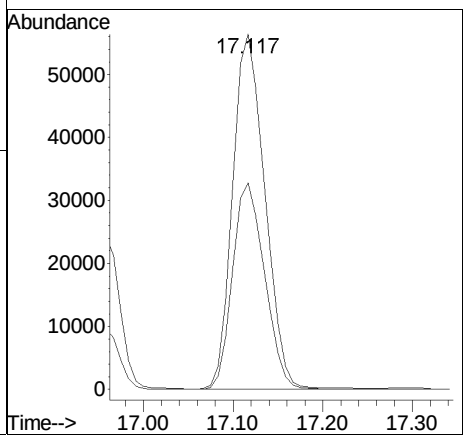


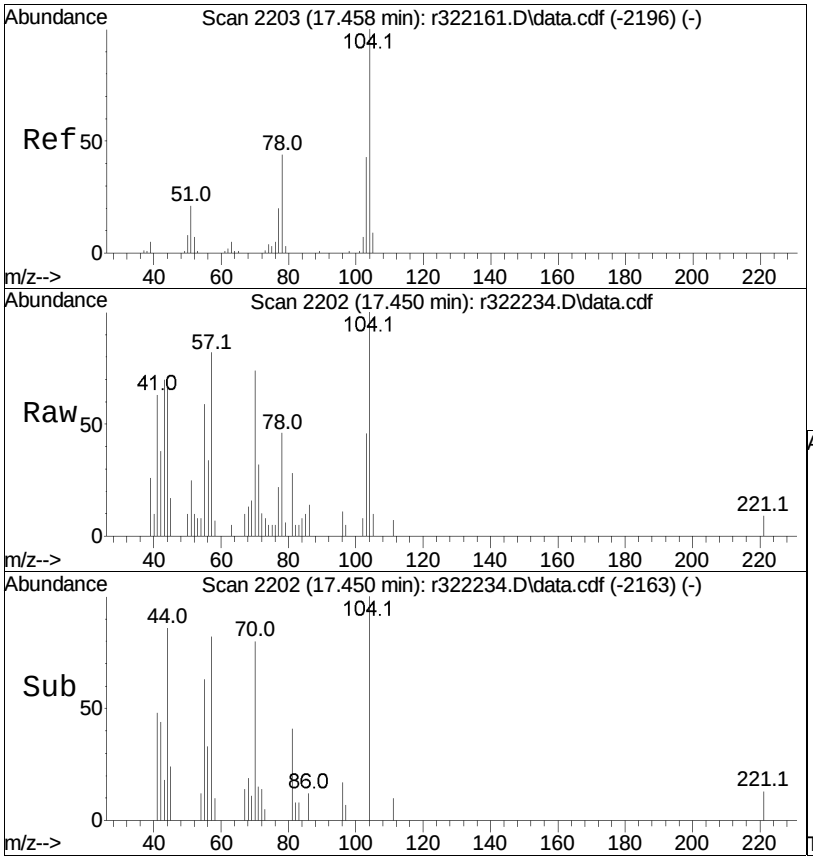


#83
m+p-xylene
Concen: 1.60 ppbV
RT: 17.117 min Scan# 2162
Delta R.T. -0.017 min
Lab File: r322234.D
Acq: 19 May 2022 10:13 PM

Tgt Ion: 91 Resp: 141400

Ion	Ratio	Lower	Upper
91	100		
106	58.2	48.4	72.6

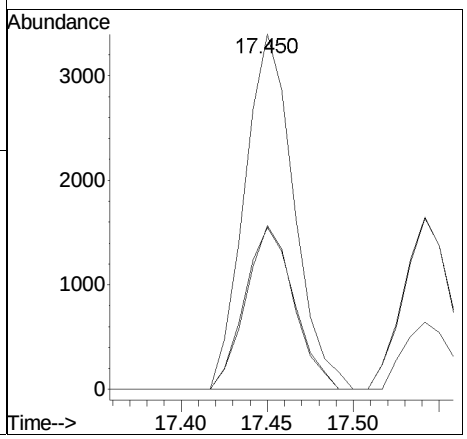


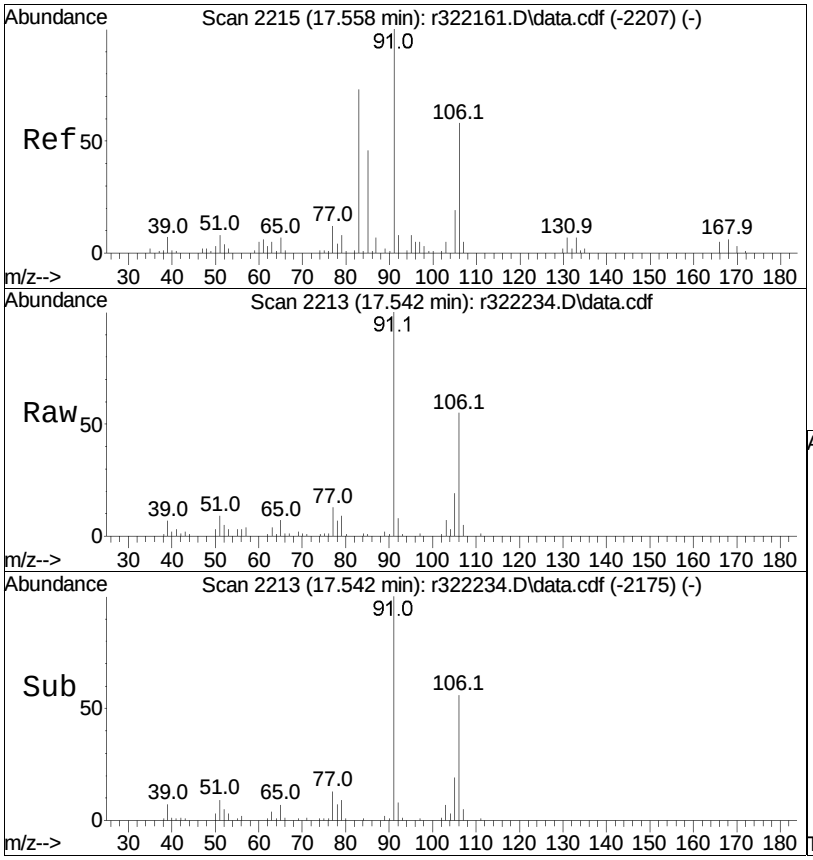


#85
styrene
Concen: 0.09 ppbV
RT: 17.450 min Scan# 2202
Delta R.T. -0.008 min
Lab File: r322234.D
Acq: 19 May 2022 10:13 PM

Tgt Ion:104 Resp: 6800

Ion	Ratio	Lower	Upper
104	100		
103	46.1	34.4	51.6
78	45.6	35.1	52.7

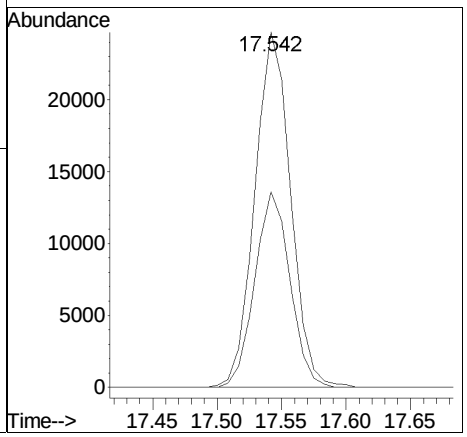


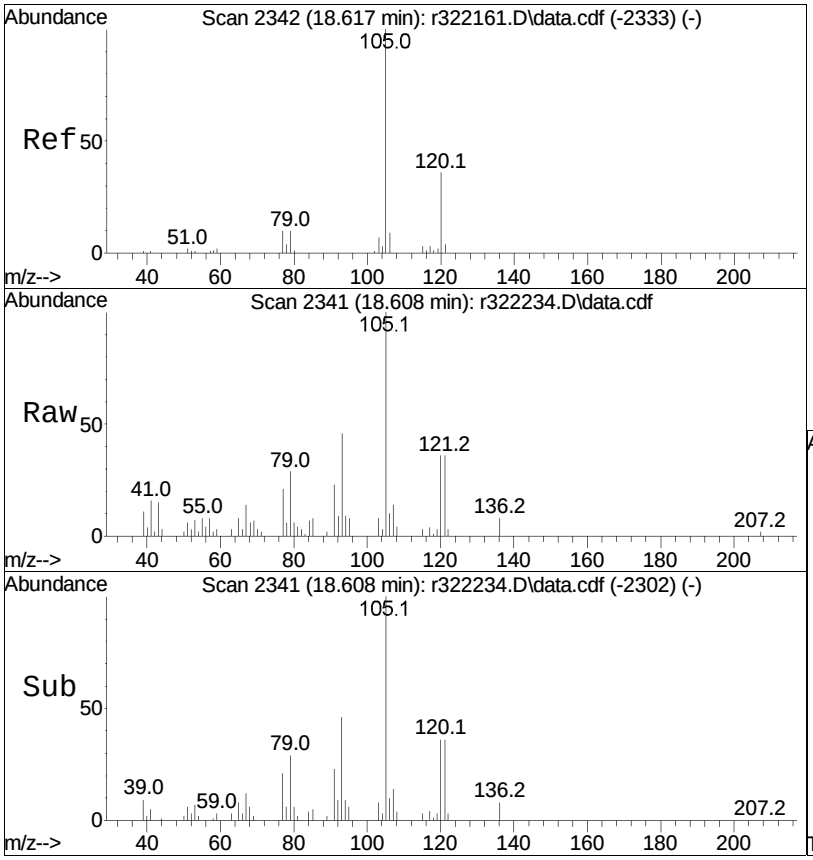


#87
o-xylene
Concen: 0.54 ppbV
RT: 17.542 min Scan# 2213
Delta R.T. -0.017 min
Lab File: r322234.D
Acq: 19 May 2022 10:13 PM

Tgt Ion: 91 Resp: 47616

Ion	Ratio	Lower	Upper
91	100		
106	55.1	46.4	69.6

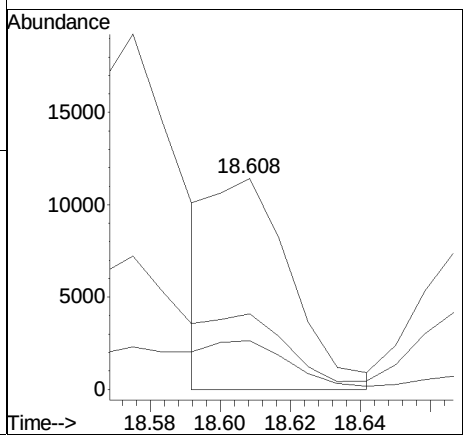


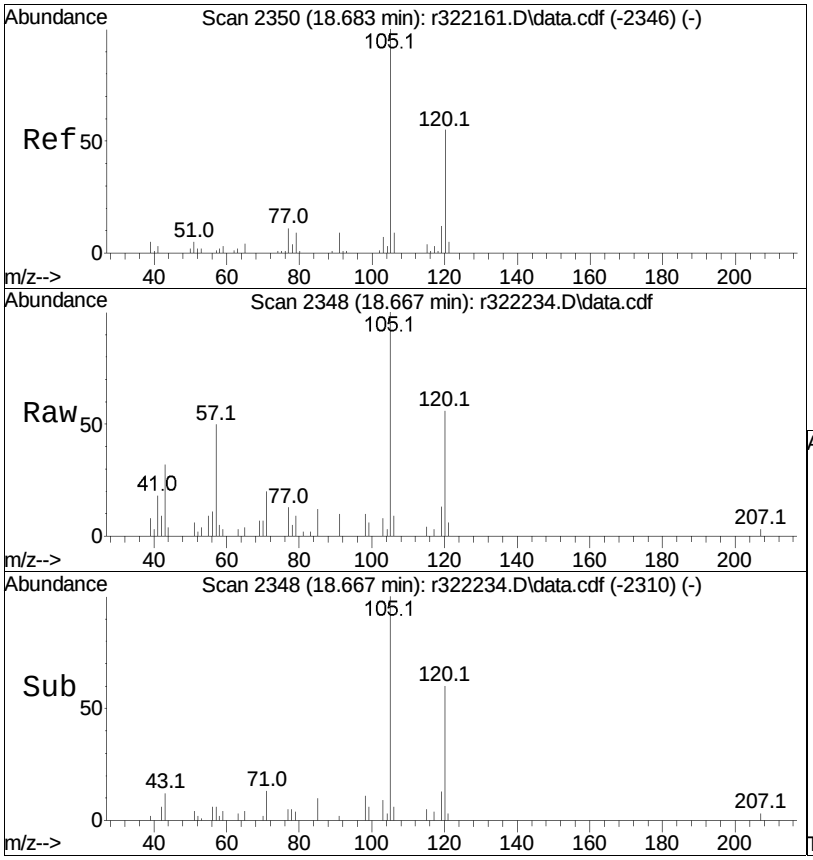


#96
4-ethyl toluene
Concen: 0.13 ppbV m
RT: 18.608 min Scan# 2341
Delta R.T. -0.008 min
Lab File: r322234.D
Acq: 19 May 2022 10:13 PM

Tgt Ion:105 Resp: 17993

Ion	Ratio	Lower	Upper
105	100		
120	35.9	28.6	42.8
91	23.1	7.4	11.2#

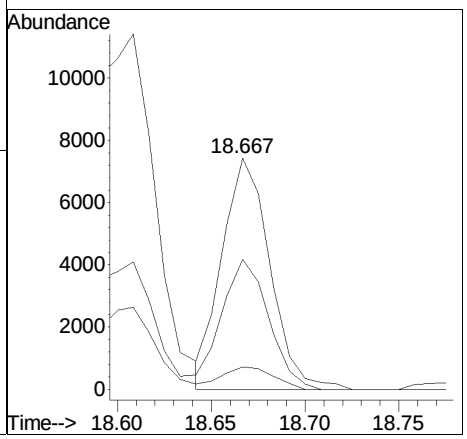


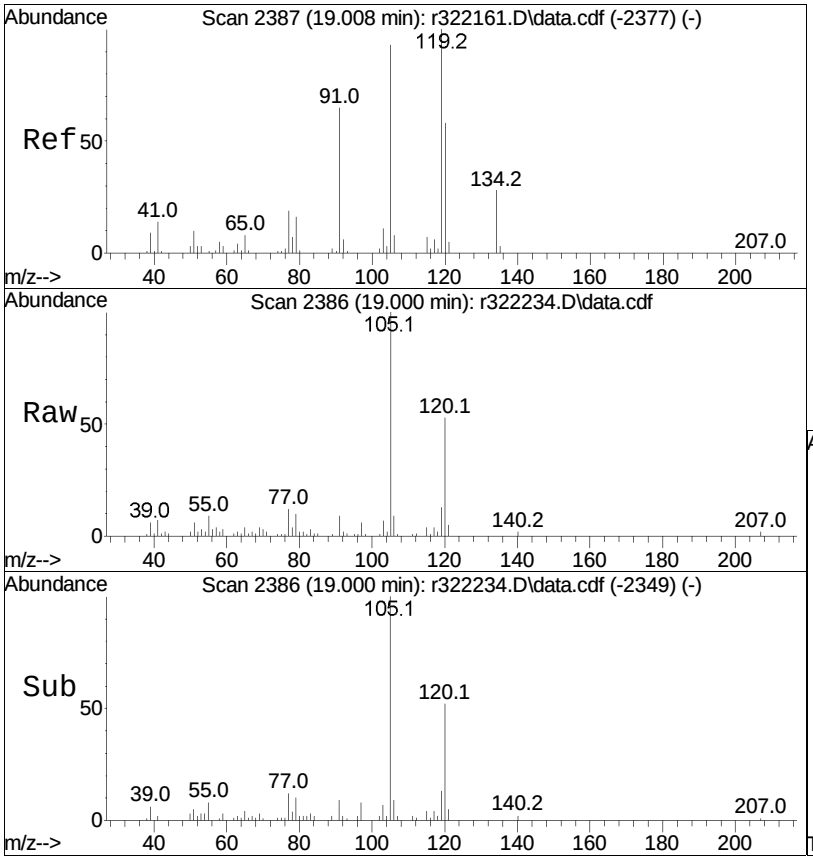


#97
1,3,5-trimethylbenzene
Concen: 0.11 ppbV
RT: 18.667 min Scan# 2348
Delta R.T. -0.017 min
Lab File: r322234.D
Acq: 19 May 2022 10:13 PM

Tgt Ion:105 Resp: 13252

Ion	Ratio	Lower	Upper
105	100		
120	56.2	43.7	65.5
91	9.7	7.0	10.4

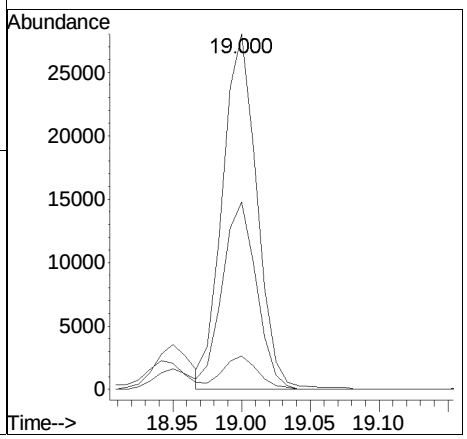




#99
1,2,4-trimethylbenzene
Concen: 0.46 ppbV
RT: 19.000 min Scan# 2386
Delta R.T. -0.008 min
Lab File: r322234.D
Acq: 19 May 2022 10:13 PM

Tgt Ion:105 Resp: 48903

Ion	Ratio	Lower	Upper
105	100		
120	52.7	49.4	74.2
91	9.4	55.8	83.8#

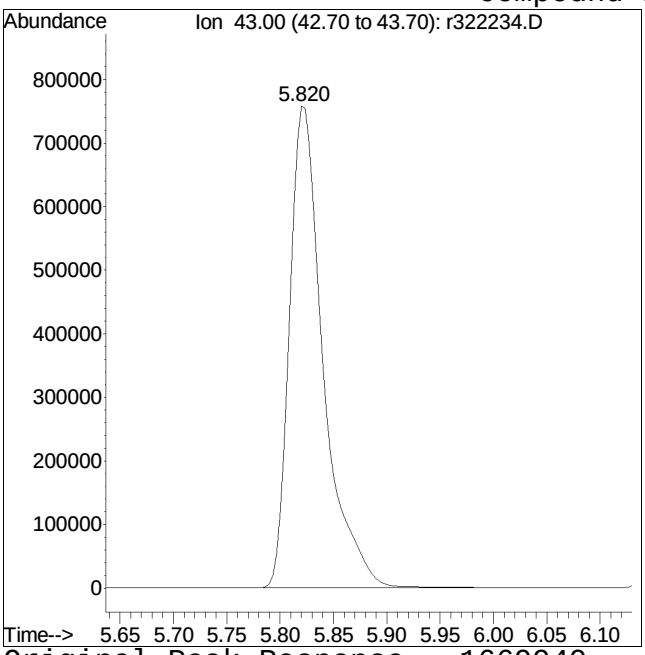


Manual Integration Report

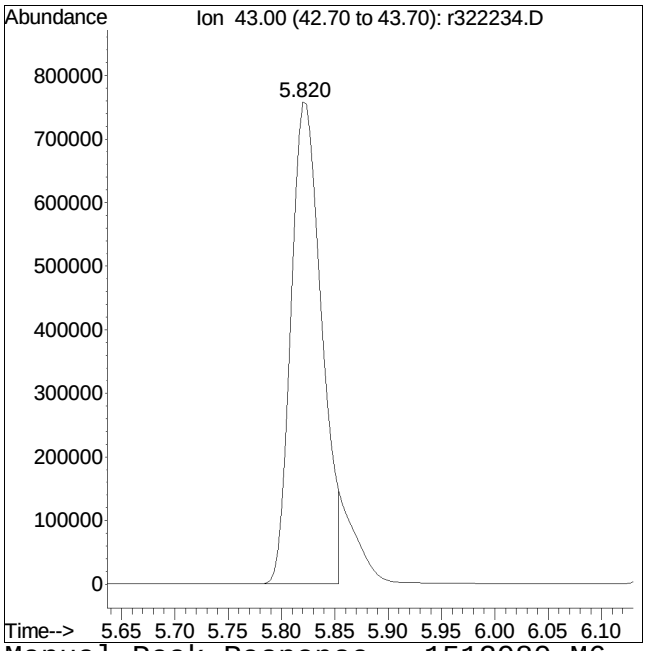
Data Path : O:\Forensics\Data\AirpianoQ
Data File : r322234.D
Date Inj'd : 5/19/2020 0:0: 3
Sample : L2225590-05,3,250,250

Method : TFS3_220516.M
Operator : AIRPIANO3:TS
Instrument :
Quant Date : 5/20/2022 8:13 am

Compound #19: acetone



Original Peak Response = 1669949



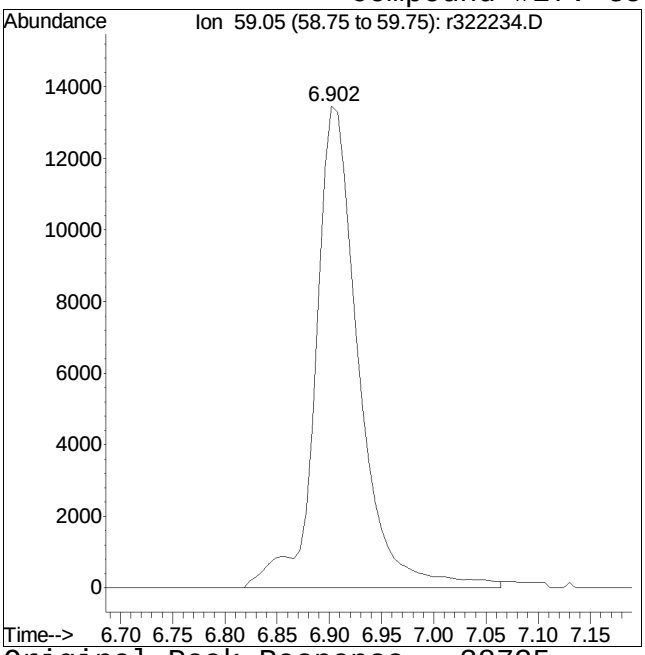
Manual Peak Response = 1512080 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

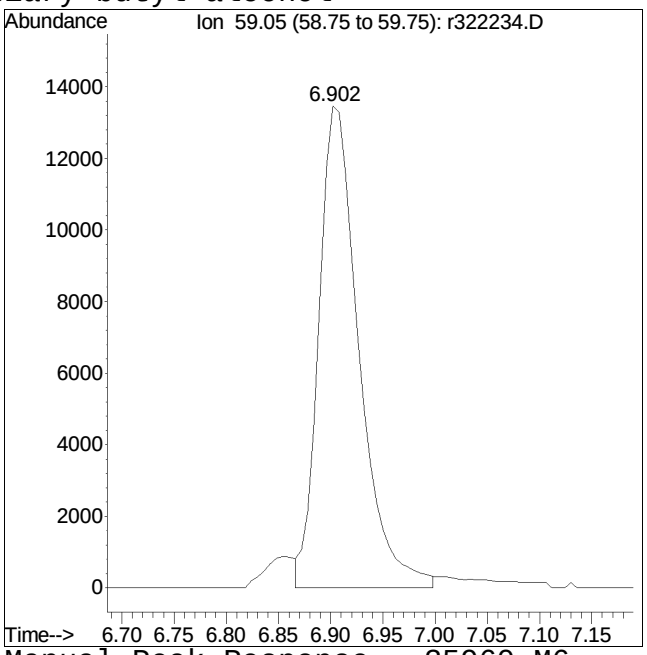
Manual Integration Report

Data Path : O:\Forensics\Data\AirpianoQMethod : TFS3_220516.M
Data File : r322234.D Operator : AIRPIANO3:TS
Date Inj'd : 5/19/2020 0:0: 3 Instrument :
Sample : L2225590-05,3,250,250 Quant Date : 5/20/2022 8:13 am

Compound #27: tertiary butyl alcohol



Original Peak Response = 38735



Manual Peak Response = 35960 M6

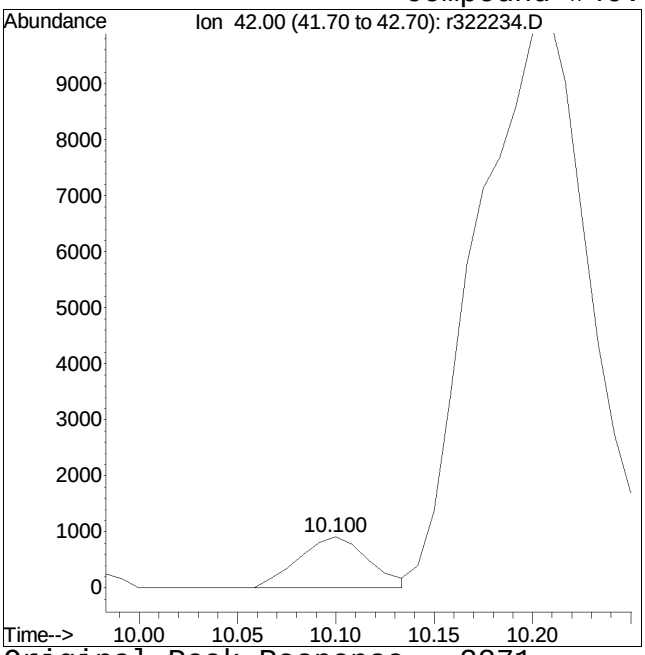
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

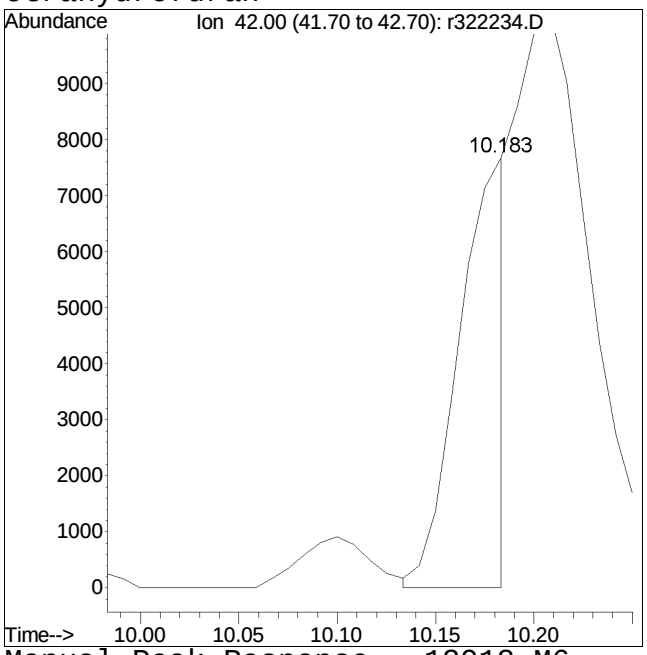
Data Path : O:\Forensics\Data\AirpianoQ
Data File : r322234.D
Date Inj'd : 5/19/2020 0:0: 3
Sample : L2225590-05,3,250,250

Method : TFS3_220516.M
Operator : AIRPIANO3:TS
Instrument :
Quant Date : 5/20/2022 8:13 am

Compound #40: Tetrahydrofuran



Original Peak Response = 2271



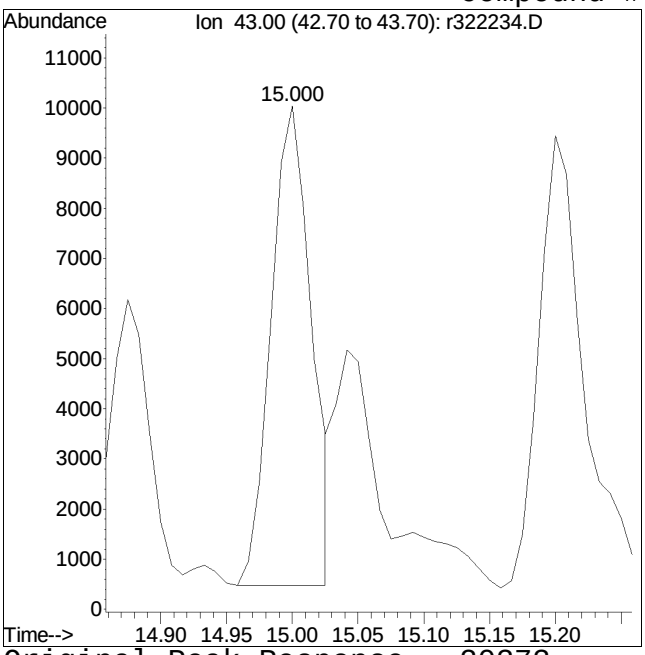
Manual Peak Response = 12912 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

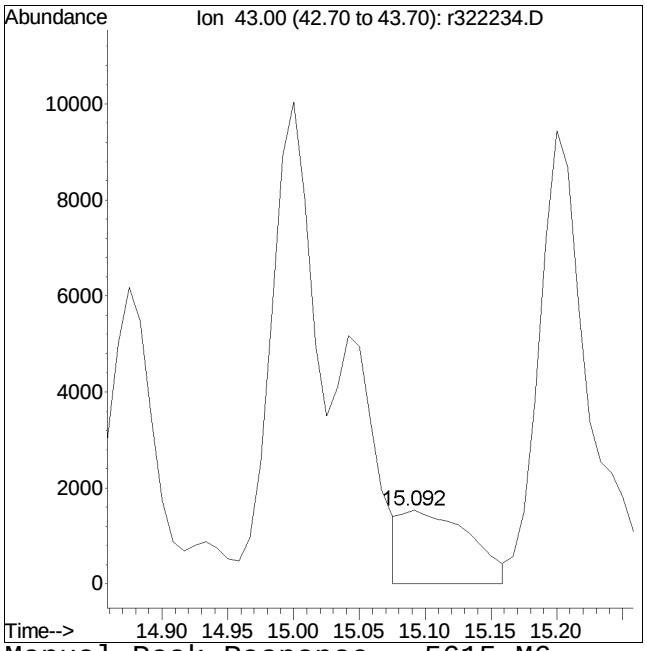
Manual Integration Report

Data Path : O:\Forensics\Data\AirpianoQMethod : TFS3_220516.M
Data File : r322234.D Operator : AIRPIANO3:TS
Date Inj'd : 5/19/2020 0:0: 3 Instrument :
Sample : L2225590-05,3,250,250 Quant Date : 5/20/2022 8:13 am

Compound #72: 2-hexanone



Original Peak Response = 20373



Manual Peak Response = 5615 M6

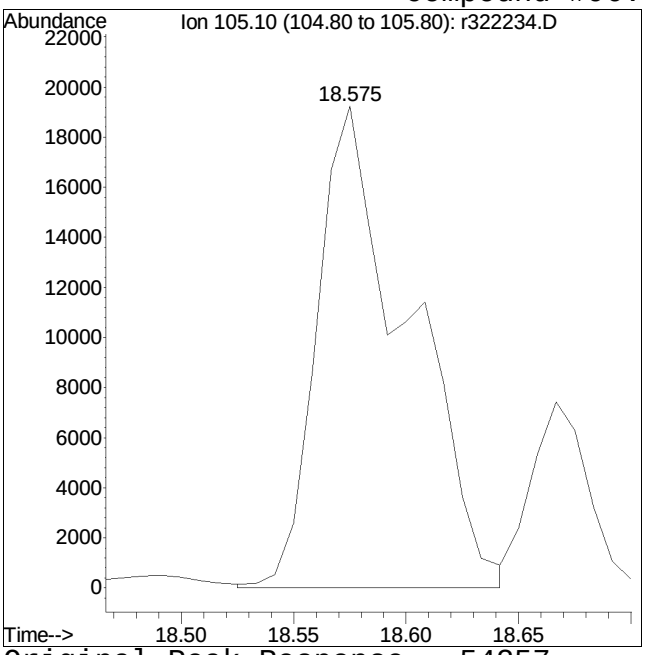
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

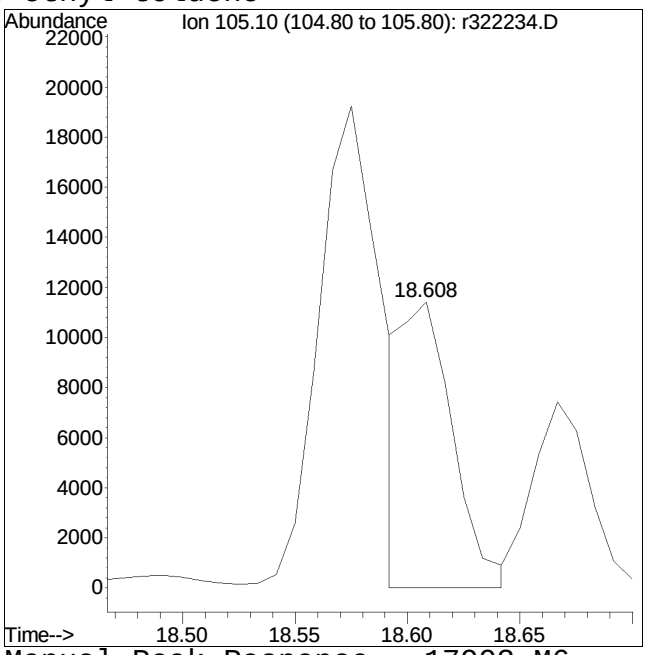
Data Path : O:\Forensics\Data\AirpianoQ
Data File : r322234.D
Date Inj'd : 5/19/2020 0:0: 3
Sample : L2225590-05,3,250,250

Method : TFS3_220516.M
Operator : AIRPIANO3:TS
Instrument :
Quant Date : 5/20/2022 8:13 am

Compound #96: 4-ethyl toluene



Original Peak Response = 54257



Manual Peak Response = 17993 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0519T\
Data File : r322248.D
Acq On : 20 May 2022 7:32 AM
Operator : AIRPIANO3:TS
Sample : L2225590-04D,3,30,250
Misc : WG1640711,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 20 09:44:45 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0519T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0519T\r322225.D
Sub List : Acetone - .

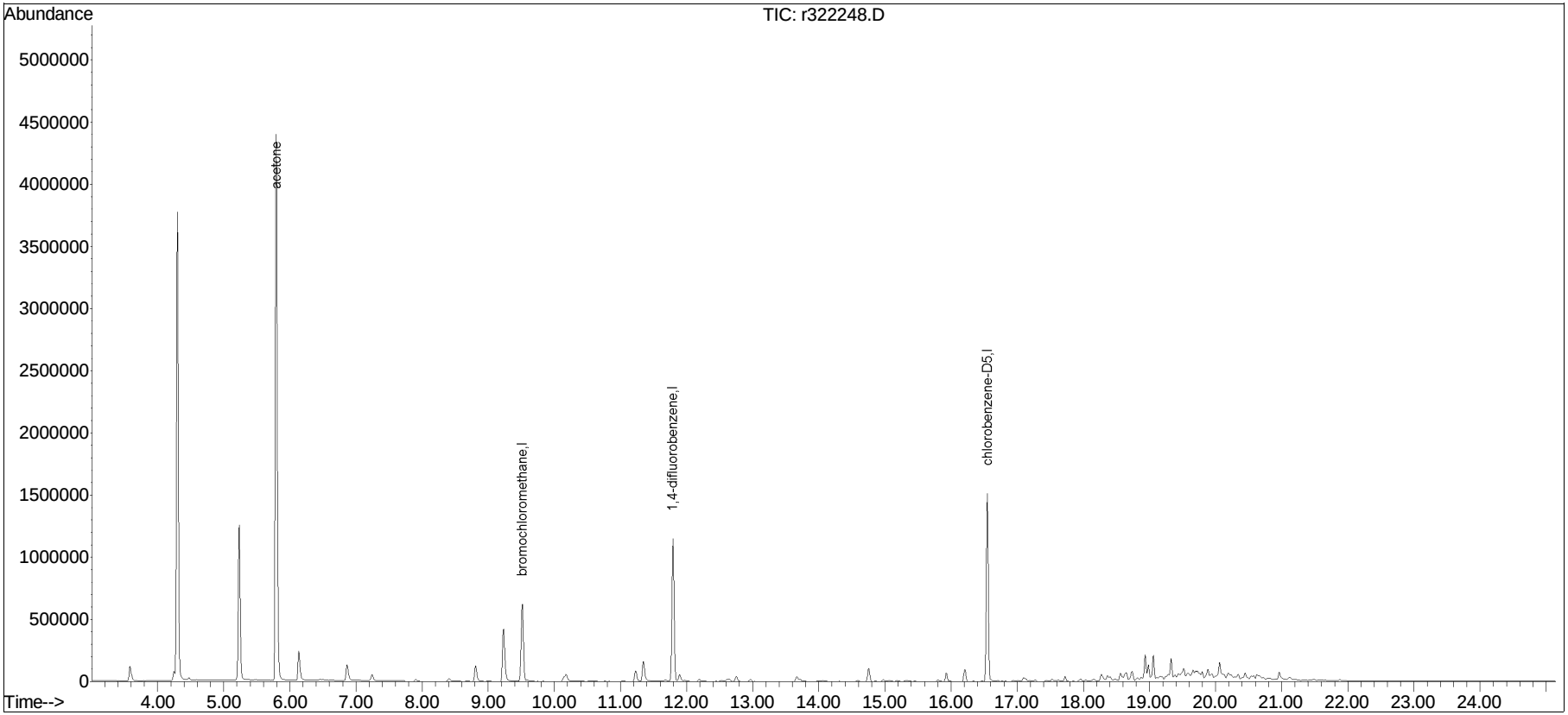
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.517	49	417797	10.000	ppbV	-0.05
Standard Area = 440035			Recovery =		94.95%	
43) 1,4-difluorobenzene	11.793	114	1257221	10.000	ppbV	-0.05
Standard Area = 1334123			Recovery =		94.24%	
67) chlorobenzene-D5	16.550	54	197957	10.000	ppbV	-0.03
Standard Area = 210666			Recovery =		93.97%	
System Monitoring Compounds						
Target Compounds						Qvalue
19) acetone	5.793	43	5304744	231.769	ppbV	90

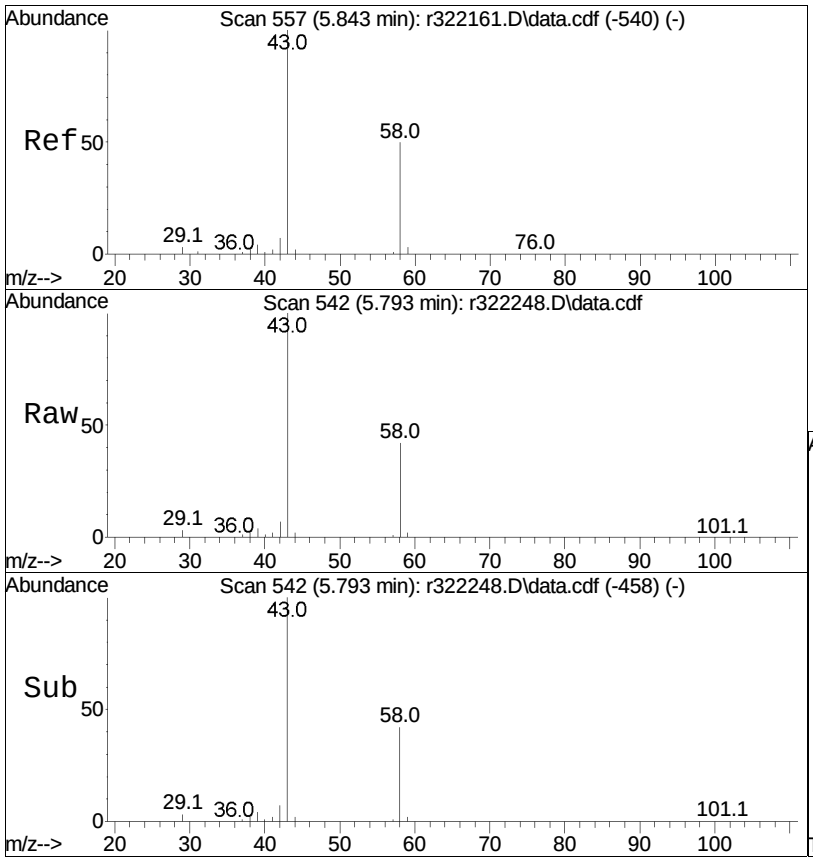
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Acetone - .s\Data\Airpiano3\2022\05\0519T\r322225.D

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0519T\
Data File : r322248.D
Acq On : 20 May 2022 7:32 AM
Operator : AIRPIANO3:TS
Sample : L2225590-04D,3,30,250
Misc : WG1640711,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 20 09:44:45 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0519T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

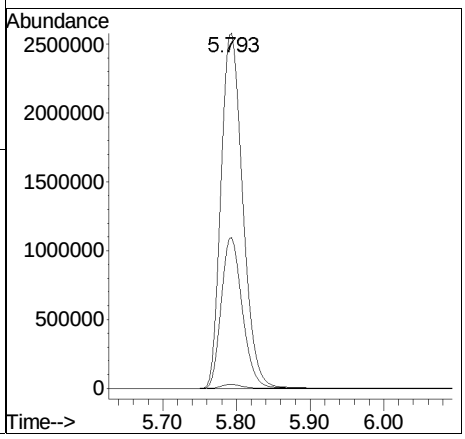




#19
acetone
Concen: 231.77 ppbV
RT: 5.793 min Scan# 542
Delta R.T. -0.050 min
Lab File: r322248.D
Acq: 20 May 2022 7:32 AM

Tgt Ion: 43 Resp: 5304744

Ion	Ratio	Lower	Upper
43	100		
58	42.5	39.8	59.8
57	1.1	1.0	1.6



Manual Integration Report

Data Path	: O:\Forensics\Data\Airpiano	QMethod	: TFS3_220516.M
Data File	: r322248.D	Operator	: AIRPIANO3:TS
Date Inj'd	: 5/20/2020 0:7: 2	Instrument	:
Sample	: L2225590-04D,3,30,250	Quant Date	: 5/20/2022 9:40 am

There are no manual integrations or false positives in this file.

Volatiles Standards Data

Initial Calibration

Initial Calibration Summary
Form 6
Air Volatiles

Client	**: Langan Engineering & Environmental**	**Lab Number**	**: L2225590**
Project Name	**: 57-00, 57-05 47TH ST**	**Project Number**	**: 100965503**
Instrument ID	**: AIRPIANO3**	**Ical Ref**	**: ICAL19030**
Calibration dates	**: 05/16/22 23:12 05/17/22 04:02**		

Calibration Files

0.2 =r322157.D 0.5 =r322158.D 1.0 =r322159.D 5.0 =r322160.D 10 =r322161.D 20 =r322162.D

50 =r322163.D 100 =r322164.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
1)	I	bromochloromethane	----------ISTD----------									
2)		chlorodifluoromethane	0.696	0.718	0.723	0.527	0.532	0.715	0.667	0.607	0.6483	12.70
3)		propylene		0.483	0.476	0.269	0.277	0.366	0.346	0.339	0.3652	23.56
4)		propane		0.540	0.540	0.351	0.364	0.498	0.493	0.468	0.4650	16.71
5)		dichlorodifluoromethane	0.893	0.934	0.927	0.674	0.664	0.848	0.741	0.611	0.7865	16.45
6)	C	chloromethane	0.435	0.452	0.447	0.304	0.302	0.388	0.367	0.331	0.3781	16.52
7)		Freon-114	1.135	1.193	1.187	0.868	0.858	1.122	0.998	0.818	1.0223	15.33
8)	C	methanol			0.453	0.246	0.245	0.219	0.207	0.181	0.2583	38.14#
9)	C	vinyl chloride	0.509	0.535	0.539	0.395	0.399	0.542	0.520	0.472	0.4889	12.46
10)	C	1,3-butadiene	0.425	0.438	0.444	0.317	0.316	0.432	0.413	0.370	0.3943	13.49
11)		butane	0.857	0.872	0.867	0.542	0.540	0.724	0.694	0.633	0.7161	19.47
12)	C	acetaldehyde		0.595	0.583	0.172	0.165	0.201	0.168	0.131	0.2879	71.81#
13)	C	bromomethane	0.437	0.423	0.439	0.316	0.316	0.426	0.405	0.364	0.3909	13.23
14)	C	chloroethane	0.257	0.273	0.276	0.198	0.199	0.271	0.275	0.255	0.2503	13.22
15)		ethanol			0.545	0.312	0.331	0.407	0.390	0.321	0.3842	22.86
16)		dichlorofluoromethane	0.892	0.894	0.911	0.764	0.755	1.004	0.928	0.808	0.8695	9.94
17)	C	vinyl bromide	0.379	0.415	0.411	0.301	0.304	0.416	0.399	0.361	0.3732	12.74
18)	C	acrolein		0.624	0.632	0.193	0.194	0.257	0.251	0.233	0.3407	58.11#
19)		acetone	0.771	0.699	0.691	0.416	0.404	0.520	0.491	0.390	0.5478	27.60
20)	C	acetonitrile	0.610	0.591	0.603	0.332	0.328	0.435	0.428	0.398	0.4658	25.56
21)		trichlorofluoromethane	0.787	0.814	0.788	0.610	0.602	0.715	0.751	0.655	0.7153	11.71
22)		isopropyl alcohol	0.596	0.657	0.720	0.529	0.550	0.783	0.749	0.690	0.6592	14.13
23)	C	acrylonitrile	0.410	0.436	0.447	0.317	0.324	0.461	0.467	0.458	0.4148	14.70
24)		pentane	0.921	0.968	0.979	0.702	0.684	0.961	0.932	0.971	0.8900	13.82
25)		ethyl ether	0.664	0.698	0.713	0.548	0.555	0.804	0.998	0.915	0.7370	21.79
26)	C	1,1-dichloroethene	0.654	0.664	0.671	0.506	0.515	0.714	0.699	0.649	0.6340	12.49
27)		tertiary butyl alcohol		0.707	0.756	0.632	0.660	0.990	1.017	0.980	0.8202	20.59
28)	C	methylene chloride		0.834	0.839	0.524	0.527	0.571	0.554	0.520	0.6239	23.47
29)	C	3-chloropropene	0.576	0.622	0.632	0.468	0.481	0.675	0.669	0.655	0.5972	13.73
30)	C	carbon disulfide	1.453	1.553	1.571	1.148	1.170	1.599	1.530	1.413	1.4298	12.45
31)		Freon 113	0.841	0.883	0.886	0.651	0.652	0.876	0.839	0.769	0.7997	12.34
32)		trans-1,2-dichloroethene	0.639	0.673	0.695	0.511	0.525	0.734	0.724	0.686	0.6484	13.24
33)	C	1,1-dichloroethane	0.785	0.808	0.828	0.614	0.622	0.864	0.864	0.833	0.7773	13.12
34)	C	MTBE	1.158	1.210	1.263	0.934	0.956	1.326	1.278	1.174	1.1625	12.48
35)	C	vinyl acetate			0.896	0.641	0.675	1.040	1.058	1.026	0.8894	21.19
36)	C	2-butanone		1.199	1.239	0.748	0.764	1.042	1.017	0.964	0.9961	19.20

Initial Calibration Summary
Form 6
Air Volatiles

Client	**: Langan Engineering & Environmental**	**Lab Number**	**: L2225590**
Project Name	**: 57-00, 57-05 47TH ST**	**Project Number**	**: 100965503**
Instrument ID	**: AIRPIANO3**	**Ical Ref**	**: ICAL19030**
Calibration dates	**: 05/16/22 23:12 05/17/22 04:02**		

Calibration Files

0.2 =r322157.D 0.5 =r322158.D 1.0 =r322159.D 5.0 =r322160.D 10 =r322161.D 20 =r322162.D

50 =r322163.D 100 =r322164.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
37)		cis-1,2-dichloroethene	0.560	0.602	0.614	0.461	0.471	0.653	0.654	0.615	0.5787	13.04
38)		Ethyl Acetate		0.146	0.164	0.121	0.131	0.186	0.194	0.194	0.1622	18.74
39)	C	chloroform	0.793	0.845	0.856	0.642	0.652	0.889	0.844	0.740	0.7827	12.11
40)		Tetrahydrofuran	0.591	0.598	0.618	0.447	0.457	0.638	0.632	0.620	0.5750	13.52
41)		2,2-dichloropropane	0.592	0.618	0.641	0.508	0.532	0.750	0.716	0.616	0.6217	13.27
42)	C	1,2-dichloroethane	0.576	0.547	0.533	0.385	0.390	0.530	0.506	0.445	0.4888	14.94
43)	I	1,4-difluorobenzene	----------ISTD----------									
44)	C	hexane	0.295	0.305	0.313	0.226	0.230	0.313	0.312	0.286	0.2851	12.73
45)		diisopropyl ether	0.148	0.163	0.164	0.123	0.126	0.181	0.186	0.178	0.1585	15.26
46)		tert-butyl ethyl ether	0.441	0.478	0.490	0.383	0.393	0.559	0.566	0.534	0.4805	14.77
47)	s	1,2-dichloroethane-D4	0.310	0.309	0.311	0.315	0.314	0.308	0.301	0.285	0.3068	3.21
48)	C	1,1,1-trichloroethane	0.211	0.228	0.228	0.171	0.172	0.240	0.257	0.218	0.2157	14.14
49)		1,1-dichloropropene	0.223	0.235	0.243	0.184	0.187	0.264	0.262	0.249	0.2309	13.47
50)	C	benzene	0.704	0.700	0.689	0.423	0.429	0.592	0.589	0.557	0.5854	19.33
51)		thiophene	0.302	0.319	0.328	0.255	0.261	0.371	0.376	0.357	0.3211	14.46
52)	C	carbon tetrachloride	0.188	0.205	0.213	0.164	0.169	0.238	0.229	0.195	0.2002	13.16
53)		cyclohexane	0.280	0.301	0.314	0.227	0.232	0.334	0.344	0.338	0.2965	15.57
54)		tert-amyl methyl ether	0.447	0.467	0.487	0.370	0.377	0.537	0.531	0.500	0.4645	13.70
55)		dibromomethane	0.172	0.166	0.165	0.121	0.121	0.170	0.169	0.154	0.1547	13.93
56)	C	1,2-dichloropropane	0.177	0.182	0.182	0.137	0.139	0.196	0.202	0.197	0.1765	14.44
57)		bromodichloromethane	0.269	0.287	0.291	0.220	0.225	0.320	0.318	0.287	0.2770	13.63
58)	C	1,4-dioxane	0.108	0.118	0.121	0.093	0.094	0.139	0.144	0.140	0.1196	16.98
59)	C	trichloroethene	0.230	0.239	0.236	0.182	0.183	0.252	0.249	0.233	0.2254	12.29
60)	C	2,2,4-trimethylpentane	0.910	0.939	0.945	0.693	0.693	0.983	0.980	0.904	0.8810	13.53
61)		methyl methacrylate		0.179	0.192	0.142	0.148	0.219	0.221	0.215	0.1880	17.63
62)		heptane	0.337	0.355	0.364	0.257	0.257	0.360	0.356	0.342	0.3285	13.67
63)	C	cis-1,3-dichloropropene	0.216	0.250	0.251	0.198	0.207	0.298	0.300	0.286	0.2506	16.37
64)	C	4-methyl-2-pentanone		0.367	0.390	0.306	0.311	0.430	0.426	0.405	0.3764	13.61
65)		trans-1,3-dichloropropene	0.177	0.204	0.221	0.180	0.192	0.281	0.285	0.268	0.2259	20.05
66)	C	1,1,2-trichloroethane	0.181	0.201	0.199	0.148	0.150	0.207	0.211	0.203	0.1875	13.52
67)	I	chlorobenzene-D5	----------ISTD----------									
68)	C	toluene	3.950	4.054	4.139	2.969	2.985	4.102	4.045	3.810	3.7567	13.09
69)	s	toluene-D8	6.292	6.309	6.418	6.485	6.459	6.410	6.470	6.812	6.4568	2.48
70)		2-methylthiophene	2.878	3.034	3.157	2.436	2.446	3.346	3.310	3.192	2.9749	12.15
71)		1,3-dichloropropane	1.973	2.109	2.090	1.565	1.576	2.205	2.171	2.108	1.9747	13.10
72)		2-hexanone	1.835	2.355	2.455	1.842	1.910	2.643	2.578	2.467	2.2607	15.10

Initial Calibration Summary
Form 6
Air Volatiles

Client	**: Langan Engineering & Environmental**	**Lab Number**	**: L2225590**
Project Name	**: 57-00, 57-05 47TH ST**	**Project Number**	**: 100965503**
Instrument ID	**: AIRPIANO3**	**Ical Ref**	**: ICAL19030**
Calibration dates	**: 05/16/22 23:12 05/17/22 04:02**		

Calibration Files
0.2 =r322157.D 0.5 =r322158.D 1.0 =r322159.D 5.0 =r322160.D 10 =r322161.D 20 =r322162.D
50 =r322163.D 100 =r322164.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
73)		3-methylthiophene	2.880	3.138	3.235	2.512	2.500	3.472	3.372	3.163	3.0340	12.17
74)		dibromochloromethane	1.634	1.715	1.812	1.411	1.447	2.053	1.982	1.789	1.7305	13.28
75)	C	1,2-dibromoethane	1.767	1.871	1.954	1.471	1.494	2.060	1.976	1.877	1.8088	12.11
76)		butyl acetate		0.454	0.531	0.446	0.485	0.687	0.698	0.698	0.5714	20.68
77)		octane	1.582	1.646	1.731	1.285	1.321	1.871	1.891	1.839	1.6459	14.44
78)	C	tetrachloroethene	1.831	1.993	1.997	1.481	1.485	2.033	1.937	1.802	1.8200	12.26
79)		1,1,1,2-tetrachloroethane	1.255	1.377	1.446	1.091	1.137	1.596	1.531	1.333	1.3459	13.31
80)	C	chlorobenzene	3.370	3.556	3.565	2.621	2.636	3.547	3.427	3.074	3.2245	12.43
81)	C	ethylbenzene	4.469	4.793	4.898	3.623	3.676	5.097	4.959	4.543	4.5073	12.61
82)		2-ethylthiophene	3.275	3.582	3.756	2.916	2.893	3.951	3.835	3.491	3.4624	11.64
83)	C	m+p-xylene	3.630	3.981	4.118	3.066	3.082	4.202	3.978	3.398	3.6820	12.41
84)	C	bromoform	1.348	1.558	1.688	1.326	1.391	1.992	1.898	1.676	1.6099	15.56
85)	C	styrene	2.977	3.365	3.565	2.696	2.755	3.769	3.649	3.434	3.2765	12.62
86)	C	1,1,2,2-tetrachloroethane	2.604	2.932	3.070	2.279	2.354	3.196	2.948	2.484	2.7334	12.69
87)	C	o-xylene	3.643	4.079	4.261	3.102	3.130	4.194	3.826	3.126	3.6702	13.53
88)		1,2,3-trichloropropane	2.219	2.413	2.551	1.869	1.904	2.631	2.567	2.437	2.3238	12.81
89)		nonane	3.137	3.427	3.514	2.570	2.557	3.484	3.374	3.141	3.1505	12.34
90)	s	bromofluorobenzene	3.798	3.937	3.945	4.099	4.099	4.096	4.147	4.418	4.0674	4.52
91)	C	isopropylbenzene	5.556	6.102	6.189	4.482	4.512	6.085	5.616	4.886	5.4285	13.11
92)		bromobenzene	3.052	3.290	3.397	2.490	2.535	3.488	3.327	3.023	3.0753	12.42
93)		2-chlorotoluene	1.493	1.648	1.745	1.294	1.315	1.821	1.785	1.674	1.5970	12.93
94)		n-propylbenzene	1.677	1.968	2.025	1.522	1.541	2.143	2.086	1.885	1.8559	13.20
95)		4-chlorotoluene	1.429	1.685	1.709	1.299	1.315	1.812	1.785	1.660	1.5868	13.07
96)		4-ethyl toluene	5.232	6.042	6.417	4.761	4.780	6.426	5.925	5.104	5.5858	12.49
97)		1,3,5-trimethylbenzene	4.608	5.172	6.050	4.610	4.609	6.076	5.613	4.187	5.1156	14.17
98)		tert-butylbenzene	4.956	5.570	5.803	4.303	4.277	5.509	4.654	3.642	4.8394	15.61
99)		1,2,4-trimethylbenzene	4.357	4.970	5.363	4.052	4.026	5.218	4.481	3.382	4.4811	15.03
100)		decane	3.510	4.109	4.374	3.241	3.297	4.458	4.191	3.539	3.8400	12.89
101)	C	Benzyl Chloride	1.190	1.538	2.066	2.035	2.427	3.904	3.856	3.241	2.5323	40.61#
102)		1,3-dichlorobenzene	2.955	3.712	3.990	2.986	2.992	3.902	3.568	2.968	3.3842	13.43
103)	C	1,4-dichlorobenzene	3.067	3.634	3.779	2.830	2.862	3.744	3.440	2.967	3.2903	12.23
104)		sec-butylbenzene	6.861	7.685	8.024	5.993	5.968	7.759	6.965	5.612	6.8583	13.45
105)		1,2,3-trimethylbenzene	4.222	4.672	4.839	3.567	3.537	4.744	3.998	3.064	4.0804	16.00
106)		p-isopropyltoluene	5.803	6.655	6.877	5.197	5.217	6.583	5.383	4.096	5.7265	16.49
107)		1,2-dichlorobenzene	2.910	3.426	3.620	2.696	2.736	3.593	3.366	2.985	3.1666	11.94
108)		n-butylbenzene	4.398	5.203	5.553	4.267	4.339	5.828	5.262	4.398	4.9061	12.73

Initial Calibration Summary
Form 6
Air Volatiles

Client	**: Langan Engineering & Environmental**	**Lab Number**	**: L2225590**
Project Name	**: 57-00, 57-05 47TH ST**	**Project Number**	**: 100965503**
Instrument ID	**: AIRPIANO3**	**Ical Ref**	**: ICAL19030**
Calibration dates	**: 05/16/22 23:12 05/17/22 04:02**		

Calibration Files
0.2 =r322157.D 0.5 =r322158.D 1.0 =r322159.D 5.0 =r322160.D 10 =r322161.D 20 =r322162.D
50 =r322163.D 100 =r322164.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
109)		indan	4.229	4.875	5.113	3.895	3.920	5.309	4.752	3.942	4.5044	12.79
110)		indene	2.858	3.455	3.725	3.046	3.117	4.364	4.033	3.455	3.5065	14.66
111)	C	1,2-dibromo-3-chloropropane	0.928	1.184	1.304	1.125	1.170	1.577	1.451	1.232	1.2464	16.05
112)		undecane	3.780	4.362	4.736	3.775	3.833	5.079	4.621	3.744	4.2412	12.44
113)		1,2,4,5-tetramethylbenzene	5.459	6.517	6.926	3.520	3.553	5.928	5.276	4.305	5.1855	24.88
114)		dodecane	3.859	4.184	4.674	4.049	4.175	4.750	4.465	3.677	4.2290	8.96
115)	C	1,2,4-trichlorobenzene	1.940	2.418	2.637	2.248	2.315	3.036	2.866	2.559	2.5022	14.02
116)		naphthalene	5.496	6.575	7.291	5.885	5.998	7.571	6.962	5.989	6.4709	11.51
117)		1,2,3-trichlorobenzene	2.141	2.599	2.789	2.292	2.323	2.902	2.775	2.498	2.5398	10.75
118)		benzothiophene	1.212	1.581	1.731	0.771	0.786	1.339	1.130	0.851	1.1750	30.91#
119)	C	hexachlorobutadiene	2.327	2.674	2.815	2.146	2.124	2.581	2.246	1.870	2.3477	13.56
120)		2-methylnaphthalene			1.948	0.805	0.930	2.063	1.869	1.974	1.5980	35.71#
121)		1-methylnaphthalene			4.699	2.179	2.365	3.862	3.257	3.144	3.2509	28.91

Response Factor Report

Method Path : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\
Method File : TFS3_220516.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Tue May 17 15:52:12 2022
Response Via : Initial Calibration

Calibration Files
0.2 =r322157.D 0.5 =r322158.D 1.0 =r322159.D 5.0 =r322160.D 10 =r322161.D 20 =r322162.D
50 =r322163.D 100 =r322164.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
1)	I	bromochloromethane	----------ISTD----------									
2)		chlorodifluoromethane	0.696	0.718	0.723	0.527	0.532	0.715	0.667	0.607	0.6483	12.70
3)		propylene		0.483	0.476	0.269	0.277	0.366	0.346	0.339	0.3652	23.56
4)		propane		0.540	0.540	0.351	0.364	0.498	0.493	0.468	0.4650	16.71
5)		dichlorodifluoromethane	0.893	0.934	0.927	0.674	0.664	0.848	0.741	0.611	0.7865	16.45
6)	C	chloromethane	0.435	0.452	0.447	0.304	0.302	0.388	0.367	0.331	0.3781	16.52
7)		Freon-114	1.135	1.193	1.187	0.868	0.858	1.122	0.998	0.818	1.0223	15.33
8)	C	methanol			0.453	0.246	0.245	0.219	0.207	0.181	0.2583	38.14#
9)	C	vinyl chloride	0.509	0.535	0.539	0.395	0.399	0.542	0.520	0.472	0.4889	12.46
10)	C	1,3-butadiene	0.425	0.438	0.444	0.317	0.316	0.432	0.413	0.370	0.3943	13.49
11)		butane	0.857	0.872	0.867	0.542	0.540	0.724	0.694	0.633	0.7161	19.47
12)	C	acetaldehyde		0.595	0.583	0.172	0.165	0.201	0.168	0.131	0.2879	71.81#
13)	C	bromomethane	0.437	0.423	0.439	0.316	0.316	0.426	0.405	0.364	0.3909	13.23
14)	C	chloroethane	0.257	0.273	0.276	0.198	0.199	0.271	0.275	0.255	0.2503	13.22
15)		ethanol			0.545	0.312	0.331	0.407	0.390	0.321	0.3842	22.86
16)		dichlorofluoromethane	0.892	0.894	0.911	0.764	0.755	1.004	0.928	0.808	0.8695	9.94
17)	C	vinyl bromide	0.379	0.415	0.411	0.301	0.304	0.416	0.399	0.361	0.3732	12.74
18)	C	acrolein		0.624	0.632	0.193	0.194	0.257	0.251	0.233	0.3407	58.11#
19)		acetone	0.771	0.699	0.691	0.416	0.404	0.520	0.491	0.390	0.5478	27.60
20)	C	acetonitrile	0.610	0.591	0.603	0.332	0.328	0.435	0.428	0.398	0.4658	25.56
21)		trichlorofluoromethane	0.787	0.814	0.788	0.610	0.602	0.715	0.751	0.655	0.7153	11.71
22)		isopropyl alcohol	0.596	0.657	0.720	0.529	0.550	0.783	0.749	0.690	0.6592	14.13
23)	C	acrylonitrile	0.410	0.436	0.447	0.317	0.324	0.461	0.467	0.458	0.4148	14.70
24)		pentane	0.921	0.968	0.979	0.702	0.684	0.961	0.932	0.971	0.8900	13.82
25)		ethyl ether	0.664	0.698	0.713	0.548	0.555	0.804	0.998	0.915	0.7370	21.79
26)	C	1,1-dichloroethene	0.654	0.664	0.671	0.506	0.515	0.714	0.699	0.649	0.6340	12.49
27)		tertiary butyl alcohol		0.707	0.756	0.632	0.660	0.990	1.017	0.980	0.8202	20.59
28)	C	methylene chloride		0.834	0.839	0.524	0.527	0.571	0.554	0.520	0.6239	23.47
29)	C	3-chloropropene	0.576	0.622	0.632	0.468	0.481	0.675	0.669	0.655	0.5972	13.73
30)	C	carbon disulfide	1.453	1.553	1.571	1.148	1.170	1.599	1.530	1.413	1.4298	12.45
31)		Freon 113	0.841	0.883	0.886	0.651	0.652	0.876	0.839	0.769	0.7997	12.34

Response Factor Report

Method Path : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\
Method File : TFS3_220516.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Tue May 17 15:52:12 2022
Response Via : Initial Calibration

Calibration Files
0.2 =r322157.D 0.5 =r322158.D 1.0 =r322159.D 5.0 =r322160.D 10 =r322161.D 20 =r322162.D
50 =r322163.D 100 =r322164.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
32)		trans-1,2-dichloroethene	0.639	0.673	0.695	0.511	0.525	0.734	0.724	0.686	0.6484	13.24
33)	C	1,1-dichloroethane	0.785	0.808	0.828	0.614	0.622	0.864	0.864	0.833	0.7773	13.12
34)	C	MTBE	1.158	1.210	1.263	0.934	0.956	1.326	1.278	1.174	1.1625	12.48
35)	C	vinyl acetate			0.896	0.641	0.675	1.040	1.058	1.026	0.8894	21.19
36)	C	2-butanone		1.199	1.239	0.748	0.764	1.042	1.017	0.964	0.9961	19.20
37)		cis-1,2-dichloroethene	0.560	0.602	0.614	0.461	0.471	0.653	0.654	0.615	0.5787	13.04
38)		Ethyl Acetate		0.146	0.164	0.121	0.131	0.186	0.194	0.194	0.1622	18.74
39)	C	chloroform	0.793	0.845	0.856	0.642	0.652	0.889	0.844	0.740	0.7827	12.11
40)		Tetrahydrofuran	0.591	0.598	0.618	0.447	0.457	0.638	0.632	0.620	0.5750	13.52
41)		2,2-dichloropropane	0.592	0.618	0.641	0.508	0.532	0.750	0.716	0.616	0.6217	13.27
42)	C	1,2-dichloroethane	0.576	0.547	0.533	0.385	0.390	0.530	0.506	0.445	0.4888	14.94
43)	I	1,4-difluorobenzene	----------ISTD----------									
44)	C	hexane	0.295	0.305	0.313	0.226	0.230	0.313	0.312	0.286	0.2851	12.73
45)		diisopropyl ether	0.148	0.163	0.164	0.123	0.126	0.181	0.186	0.178	0.1585	15.26
46)		tert-butyl ethyl ether	0.441	0.478	0.490	0.383	0.393	0.559	0.566	0.534	0.4805	14.77
47)	s	1,2-dichloroethane-D4	0.310	0.309	0.311	0.315	0.314	0.308	0.301	0.285	0.3068	3.21
48)	C	1,1,1-trichloroethane	0.211	0.228	0.228	0.171	0.172	0.240	0.257	0.218	0.2157	14.14
49)		1,1-dichloropropene	0.223	0.235	0.243	0.184	0.187	0.264	0.262	0.249	0.2309	13.47
50)	C	benzene	0.704	0.700	0.689	0.423	0.429	0.592	0.589	0.557	0.5854	19.33
51)		thiophene	0.302	0.319	0.328	0.255	0.261	0.371	0.376	0.357	0.3211	14.46
52)	C	carbon tetrachloride	0.188	0.205	0.213	0.164	0.169	0.238	0.229	0.195	0.2002	13.16
53)		cyclohexane	0.280	0.301	0.314	0.227	0.232	0.334	0.344	0.338	0.2965	15.57
54)		tert-amyl methyl ether	0.447	0.467	0.487	0.370	0.377	0.537	0.531	0.500	0.4645	13.70
55)		dibromomethane	0.172	0.166	0.165	0.121	0.121	0.170	0.169	0.154	0.1547	13.93
56)	C	1,2-dichloropropane	0.177	0.182	0.182	0.137	0.139	0.196	0.202	0.197	0.1765	14.44
57)		bromodichloromethane	0.269	0.287	0.291	0.220	0.225	0.320	0.318	0.287	0.2770	13.63
58)	C	1,4-dioxane	0.108	0.118	0.121	0.093	0.094	0.139	0.144	0.140	0.1196	16.98
59)	C	trichloroethene	0.230	0.239	0.236	0.182	0.183	0.252	0.249	0.233	0.2254	12.29
60)	C	2,2,4-trimethylpentane	0.910	0.939	0.945	0.693	0.693	0.983	0.980	0.904	0.8810	13.53
61)		methyl methacrylate		0.179	0.192	0.142	0.148	0.219	0.221	0.215	0.1880	17.63
62)		heptane	0.337	0.355	0.364	0.257	0.257	0.360	0.356	0.342	0.3285	13.67

Response Factor Report

Method Path : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\
Method File : TFS3_220516.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Tue May 17 15:52:12 2022
Response Via : Initial Calibration

Calibration Files
0.2 =r322157.D 0.5 =r322158.D 1.0 =r322159.D 5.0 =r322160.D 10 =r322161.D 20 =r322162.D
50 =r322163.D 100 =r322164.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
63)	C	cis-1,3-dichloropropene	0.216	0.250	0.251	0.198	0.207	0.298	0.300	0.286	0.2506	16.37
64)	C	4-methyl-2-pentanone		0.367	0.390	0.306	0.311	0.430	0.426	0.405	0.3764	13.61
65)		trans-1,3-dichloropropene	0.177	0.204	0.221	0.180	0.192	0.281	0.285	0.268	0.2259	20.05
66)	C	1,1,2-trichloroethane	0.181	0.201	0.199	0.148	0.150	0.207	0.211	0.203	0.1875	13.52
67)	I	chlorobenzene-D5	ISTD									
68)	C	toluene	3.950	4.054	4.139	2.969	2.985	4.102	4.045	3.810	3.7567	13.09
69)	s	toluene-D8	6.292	6.309	6.418	6.485	6.459	6.410	6.470	6.812	6.4568	2.48
70)		2-methylthiophene	2.878	3.034	3.157	2.436	2.446	3.346	3.310	3.192	2.9749	12.15
71)		1,3-dichloropropane	1.973	2.109	2.090	1.565	1.576	2.205	2.171	2.108	1.9747	13.10
72)		2-hexanone	1.835	2.355	2.455	1.842	1.910	2.643	2.578	2.467	2.2607	15.10
73)		3-methylthiophene	2.880	3.138	3.235	2.512	2.500	3.472	3.372	3.163	3.0340	12.17
74)		dibromochloromethane	1.634	1.715	1.812	1.411	1.447	2.053	1.982	1.789	1.7305	13.28
75)	C	1,2-dibromoethane	1.767	1.871	1.954	1.471	1.494	2.060	1.976	1.877	1.8088	12.11
76)		butyl acetate		0.454	0.531	0.446	0.485	0.687	0.698	0.698	0.5714	20.68
77)		octane	1.582	1.646	1.731	1.285	1.321	1.871	1.891	1.839	1.6459	14.44
78)	C	tetrachloroethene	1.831	1.993	1.997	1.481	1.485	2.033	1.937	1.802	1.8200	12.26
79)		1,1,1,2-tetrachloroethane	1.255	1.377	1.446	1.091	1.137	1.596	1.531	1.333	1.3459	13.31
80)	C	chlorobenzene	3.370	3.556	3.565	2.621	2.636	3.547	3.427	3.074	3.2245	12.43
81)	C	ethylbenzene	4.469	4.793	4.898	3.623	3.676	5.097	4.959	4.543	4.5073	12.61
82)		2-ethylthiophene	3.275	3.582	3.756	2.916	2.893	3.951	3.835	3.491	3.4624	11.64
83)	C	m+p-xylene	3.630	3.981	4.118	3.066	3.082	4.202	3.978	3.398	3.6820	12.41
84)	C	bromoform	1.348	1.558	1.688	1.326	1.391	1.992	1.898	1.676	1.6099	15.56
85)	C	styrene	2.977	3.365	3.565	2.696	2.755	3.769	3.649	3.434	3.2765	12.62
86)	C	1,1,2,2-tetrachloroethane	2.604	2.932	3.070	2.279	2.354	3.196	2.948	2.484	2.7334	12.69
87)	C	o-xylene	3.643	4.079	4.261	3.102	3.130	4.194	3.826	3.126	3.6702	13.53
88)		1,2,3-trichloropropane	2.219	2.413	2.551	1.869	1.904	2.631	2.567	2.437	2.3238	12.81
89)		nonane	3.137	3.427	3.514	2.570	2.557	3.484	3.374	3.141	3.1505	12.34
90)	s	bromofluorobenzene	3.798	3.937	3.945	4.099	4.099	4.096	4.147	4.418	4.0674	4.52
91)	C	isopropylbenzene	5.556	6.102	6.189	4.482	4.512	6.085	5.616	4.886	5.4285	13.11
92)		bromobenzene	3.052	3.290	3.397	2.490	2.535	3.488	3.327	3.023	3.0753	12.42
93)		2-chlorotoluene	1.493	1.648	1.745	1.294	1.315	1.821	1.785	1.674	1.5970	12.93

Response Factor Report

Method Path : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\
Method File : TFS3_220516.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Tue May 17 15:52:12 2022
Response Via : Initial Calibration

Calibration Files
0.2 =r322157.D 0.5 =r322158.D 1.0 =r322159.D 5.0 =r322160.D 10 =r322161.D 20 =r322162.D
50 =r322163.D 100 =r322164.D

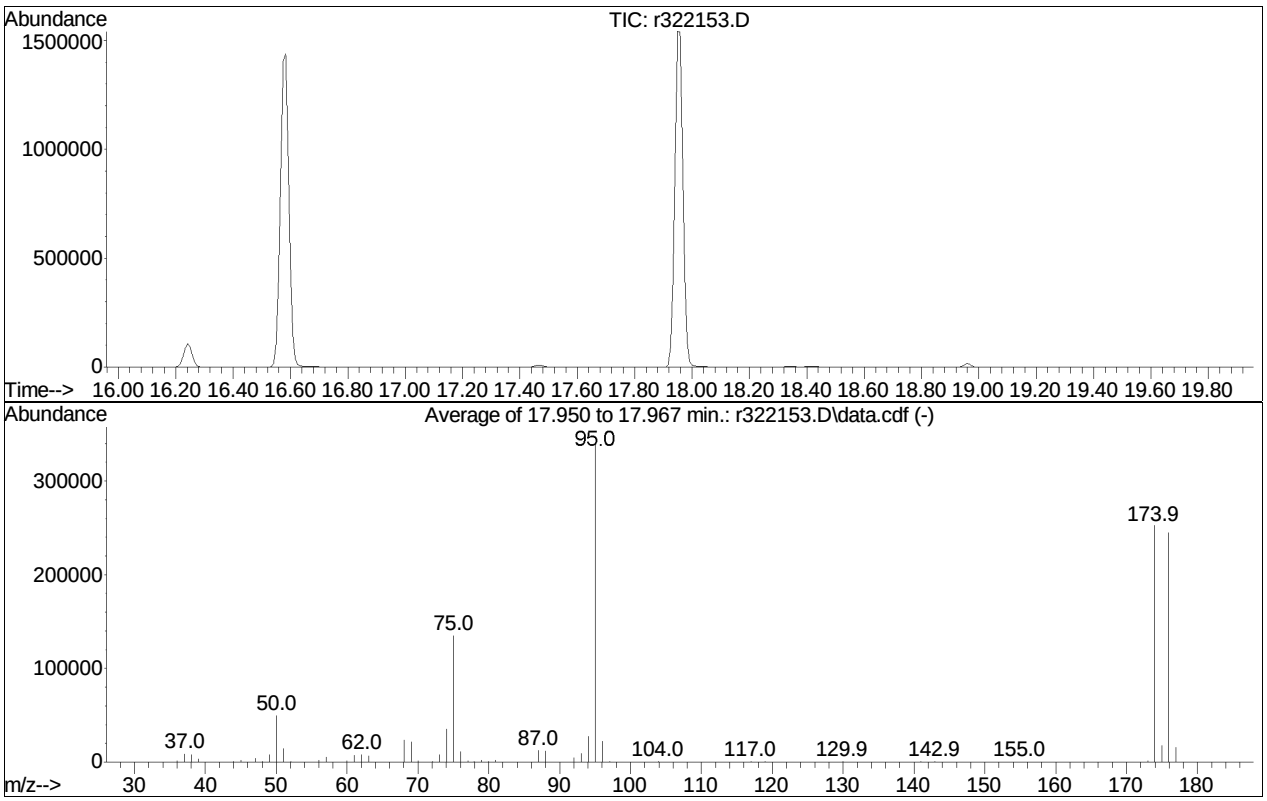
		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
94)		n-propylbenzene	1.677	1.968	2.025	1.522	1.541	2.143	2.086	1.885	1.8559	13.20
95)		4-chlorotoluene	1.429	1.685	1.709	1.299	1.315	1.812	1.785	1.660	1.5868	13.07
96)		4-ethyl toluene	5.232	6.042	6.417	4.761	4.780	6.426	5.925	5.104	5.5858	12.49
97)		1,3,5-trimethylbenzene	4.608	5.172	6.050	4.610	4.609	6.076	5.613	4.187	5.1156	14.17
98)		tert-butylbenzene	4.956	5.570	5.803	4.303	4.277	5.509	4.654	3.642	4.8394	15.61
99)		1,2,4-trimethylbenzene	4.357	4.970	5.363	4.052	4.026	5.218	4.481	3.382	4.4811	15.03
100)		decane	3.510	4.109	4.374	3.241	3.297	4.458	4.191	3.539	3.8400	12.89
101)	C	Benzyl Chloride	1.190	1.538	2.066	2.035	2.427	3.904	3.856	3.241	2.5323	40.61#
102)		1,3-dichlorobenzene	2.955	3.712	3.990	2.986	2.992	3.902	3.568	2.968	3.3842	13.43
103)	C	1,4-dichlorobenzene	3.067	3.634	3.779	2.830	2.862	3.744	3.440	2.967	3.2903	12.23
104)		sec-butylbenzene	6.861	7.685	8.024	5.993	5.968	7.759	6.965	5.612	6.8583	13.45
105)		1,2,3-trimethylbenzene	4.222	4.672	4.839	3.567	3.537	4.744	3.998	3.064	4.0804	16.00
106)		p-isopropyltoluene	5.803	6.655	6.877	5.197	5.217	6.583	5.383	4.096	5.7265	16.49
107)		1,2-dichlorobenzene	2.910	3.426	3.620	2.696	2.736	3.593	3.366	2.985	3.1666	11.94
108)		n-butylbenzene	4.398	5.203	5.553	4.267	4.339	5.828	5.262	4.398	4.9061	12.73
109)		indan	4.229	4.875	5.113	3.895	3.920	5.309	4.752	3.942	4.5044	12.79
110)		indene	2.858	3.455	3.725	3.046	3.117	4.364	4.033	3.455	3.5065	14.66
111)	C	1,2-dibromo-3-chloropropane	0.928	1.184	1.304	1.125	1.170	1.577	1.451	1.232	1.2464	16.05
112)		undecane	3.780	4.362	4.736	3.775	3.833	5.079	4.621	3.744	4.2412	12.44
113)		1,2,4,5-tetramethylbenzene	5.459	6.517	6.926	3.520	3.553	5.928	5.276	4.305	5.1855	24.88
114)		dodecane	3.859	4.184	4.674	4.049	4.175	4.750	4.465	3.677	4.2290	8.96
115)	C	1,2,4-trichlorobenzene	1.940	2.418	2.637	2.248	2.315	3.036	2.866	2.559	2.5022	14.02
116)		naphthalene	5.496	6.575	7.291	5.885	5.998	7.571	6.962	5.989	6.4709	11.51
117)		1,2,3-trichlorobenzene	2.141	2.599	2.789	2.292	2.323	2.902	2.775	2.498	2.5398	10.75
118)		benzothiophene	1.212	1.581	1.731	0.771	0.786	1.339	1.130	0.851	1.1750	30.91#
119)	C	hexachlorobutadiene	2.327	2.674	2.815	2.146	2.124	2.581	2.246	1.870	2.3477	13.56
120)		2-methylnaphthalene			1.948	0.805	0.930	2.063	1.869	1.974	1.5980	35.71#
121)		1-methylnaphthalene			4.699	2.179	2.365	3.862	3.257	3.144	3.2509	28.91

(#) = Out of Range

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\
Data File : r322153.D
Acq On : 16 May 2022 8:39 PM
Operator : AIRPIANO3:TS
Sample : WG1639636-1,3,250,250
Misc : WG1639636
ALS Vial : 0 Sample Multiplier: 1

Integration File: rteint.p

Method : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\TFS3_220516.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Tue May 17 15:52:12 2022



Spectrum Information: Average of 17.950 to 17.967 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	14.6	49888	PASS
75	95	30	66	39.7	135317	PASS
95	95	100	100	100.0	341023	PASS
96	95	5	9	6.5	22142	PASS
173	174	0.00	2	0.6	1606	PASS
174	95	50	120	74.0	252386	PASS
175	174	4	9	7.1	17843	PASS
176	174	93	101	97.0	244906	PASS
177	176	5	9	6.4	15780	PASS

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\
Data File : r322157.D
Acq On : 16 May 2022 11:12 PM
Operator : AIRPIANO3:TS
Sample : ITO15-LLSTD0.2
Misc : WG1639636
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 15:25:20 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 08:03:54 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\r322161.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.558	49	388888	10.000	ppbV	0.00
Standard Area = 424706			Recovery =	91.57%		
43) 1,4-difluorobenzene	11.840	114	1165742	10.000	ppbV	0.00
Standard Area = 1294364			Recovery =	90.06%		
67) chlorobenzene-D5	16.583	54	182902	10.000	ppbV	0.00
Standard Area = 203329			Recovery =	89.95%		
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	10.450	65	360888	9.866	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	98.66%		
69) toluene-D8	14.683	98	1150741	9.741	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	97.41%		
90) bromofluorobenzene	17.958	95	694712	9.267	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	92.67%		
Target Compounds						Qvalue
2) chlorodifluoromethane	3.844	51	5414	0.262	ppbV	95
3) propylene	3.874	41	3726M6	0.346	ppbV	
4) propane	3.898	29	4251	0.300	ppbV	90
5) dichlorodifluoromethane	3.952	85	6945	0.269	ppbV	100
6) chloromethane	4.138	50	3384	0.288	ppbV	98
7) Freon-114	4.264	85	8825	0.264	ppbV	100
8) methanol	4.342	31	18173	1.909	ppbV #	58
9) vinyl chloride	4.396	62	3961	0.255	ppbV	96
10) 1,3-butadiene	4.558	54	3303	0.269	ppbV	95
11) butane	4.624	43	6666	0.318	ppbV	99
12) acetaldehyde	4.282	29	24299	3.780	ppbV	91
13) bromomethane	4.876	94	3397	0.276	ppbV	96
14) chloroethane	5.098	64	1999	0.259	ppbV	99
15) ethanol	5.290	31	21177	1.647	ppbV	96
16) dichlorofluoromethane	5.240	67	6941	0.236	ppbV	97
17) vinyl bromide	5.530	106	2946	0.249	ppbV	97
18) acrolein	5.693	56	4936	0.656	ppbV #	50
19) acetone	5.867	43	30001	1.909	ppbV #	89
20) acetonitrile	5.533	41	4745	0.372	ppbV #	69
21) trichlorofluoromethane	6.053	101	6123	0.262	ppbV	97
22) isopropyl alcohol	6.207	45	11597	0.543	ppbV	100
23) acrylonitrile	6.437	53	3187	0.253	ppbV	99
24) pentane	6.503	43	7164	0.269	ppbV	98

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\
Data File : r322157.D
Acq On : 16 May 2022 11:12 PM
Operator : AIRPIANO3:TS
Sample : ITO15-LLSTD0.2
Misc : WG1639636
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 15:25:20 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 08:03:54 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\r322161.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) ethyl ether	6.560	31	5165	0.239	ppbV		95
26) 1,1-dichloroethene	6.830	61	5084	0.254	ppbV		99
27) tertiary butyl alcohol	6.950	59	4875	0.190	ppbV		95
28) methylene chloride	6.998	49	6504	0.317	ppbV		99
29) 3-chloropropene	7.136	41	4481	0.240	ppbV		96
30) carbon disulfide	7.292	76	11304	0.248	ppbV	#	80
31) Freon 113	7.334	101	6541	0.258	ppbV		98
32) trans-1,2-dichloroethene	8.133	61	4968	0.243	ppbV		96
33) 1,1-dichloroethane	8.367	63	6105	0.253	ppbV		99
34) MTBE	8.475	73	9010	0.242	ppbV		98
35) vinyl acetate	8.600	43	6878	0.262	ppbV		97
36) 2-butanone	8.883	43	8682	0.292	ppbV		98
37) cis-1,2-dichloroethene	9.375	61	4354	0.238	ppbV		97
38) Ethyl Acetate	9.700	61	923	0.182	ppbV		82
39) chloroform	9.725	83	6170	0.243	ppbV		98
40) Tetrahydrofuran	10.217	42	4598	0.259	ppbV		98
41) 2,2-dichloropropane	9.742	77	4606	0.223	ppbV	#	85
42) 1,2-dichloroethane	10.575	62	4480	0.295	ppbV		97
44) hexane	9.642	57	6879	0.256	ppbV	#	67
45) diisopropyl ether	9.658	87	3459	0.235	ppbV		89
46) tert-butyl ethyl ether	10.292	59	10274	0.224	ppbV		98
48) 1,1,1-trichloroethane	10.867	97	4916	0.245	ppbV		98
49) 1,1-dichloropropene	11.240	75	5196	0.239	ppbV		97
50) benzene	11.400	78	16423	0.328	ppbV		99
51) thiophene	11.547	84	7040	0.231	ppbV		98
52) carbon tetrachloride	11.573	117	4390	0.223	ppbV		98
53) cyclohexane	11.720	56	6533	0.241	ppbV		97
54) tert-amyl methyl ether	12.127	73	10430	0.237	ppbV		97
55) dibromomethane	12.327	93	4015	0.284	ppbV		95
56) 1,2-dichloropropane	12.360	63	4138	0.256	ppbV		97
57) bromodichloromethane	12.593	83	6278	0.240	ppbV		97
58) 1,4-dioxane	12.667	88	2514	0.228	ppbV	#	75
59) trichloroethene	12.640	130	5356	0.251	ppbV		99
60) 2,2,4-trimethylpentane	12.687	57	21205	0.262	ppbV		98
61) methyl methacrylate	12.907	41	3711	0.214	ppbV	#	93
62) heptane	13.007	43	7858	0.262	ppbV		96
63) cis-1,3-dichloropropene	13.658	75	5030	0.209	ppbV		96
64) 4-methyl-2-pentanone	13.725	43	7625	0.210	ppbV		97
65) trans-1,3-dichloropropene	14.283	75	4129	0.185	ppbV		97
66) 1,1,2-trichloroethane	14.483	97	4224	0.242	ppbV		97

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\
Data File : r322157.D
Acq On : 16 May 2022 11:12 PM
Operator : AIRPIANO3:TS
Sample : ITO15-LLSTD0.2
Misc : WG1639636
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 15:25:20 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 08:03:54 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\r322161.D
Sub List : Default - All compounds listed

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68)	toluene	14.792	91	14448	0.265	ppbV	99
70)	2-methylthiophene	14.858	97	10527	0.235	ppbV	92
71)	1,3-dichloropropane	14.825	76	7219	0.251	ppbV	100
72)	2-hexanone	15.108	43	6714	0.192	ppbV	95
73)	3-methylthiophene	15.058	97	10534	0.230	ppbV	98
74)	dibromochloromethane	15.242	129	5977	0.226	ppbV	97
75)	1,2-dibromoethane	15.492	107	6464	0.237	ppbV	97
76)	butyl acetate	15.758	73	1268	0.143	ppbV	90
77)	octane	15.833	85	5787	0.240	ppbV	96
78)	tetrachloroethene	15.958	166	6697	0.247	ppbV	98
79)	1,1,1,2-tetrachloroethane	16.608	131	4592	0.221	ppbV	96
80)	chlorobenzene	16.617	112	12326	0.256	ppbV	99
81)	ethylbenzene	16.975	91	16346	0.243	ppbV	98
82)	2-ethylthiophene	17.008	97	11979	0.226	ppbV	96
83)	m+p-xylene	17.133	91	26559	0.471	ppbV	99
84)	bromoform	17.208	173	4931	0.194	ppbV	96
85)	styrene	17.467	104	10891	0.216	ppbV	99
86)	1,1,2,2-tetrachloroethane	17.558	83	9526	0.221	ppbV	98
87)	o-xylene	17.558	91	13326	0.233	ppbV	100
88)	1,2,3-trichloropropane	17.675	75	8116	0.233	ppbV	97
89)	nonane	17.750	43	11477	0.245	ppbV	95
91)	isopropylbenzene	18.067	105	20324	0.246	ppbV	99
92)	bromobenzene	18.150	77	11164	0.241	ppbV	99
93)	2-chlorotoluene	18.475	126	5461	0.227	ppbV	98
94)	n-propylbenzene	18.500	120	6136	0.218	ppbV	97
95)	4-chlorotoluene	18.533	126	5227	0.217	ppbV	95
96)	4-ethyl toluene	18.617	105	19139	0.219	ppbV	99
97)	1,3,5-trimethylbenzene	18.683	105	16855	0.200	ppbV	98
98)	tert-butylbenzene	19.008	119	18129	0.232	ppbV	99
99)	1,2,4-trimethylbenzene	19.008	105	15939	0.216	ppbV	96
100)	decane	19.083	57	12838	0.213	ppbV	98
101)	Benzyl Chloride	19.125	91	4353	0.098	ppbV	99
102)	1,3-dichlorobenzene	19.142	146	10808	0.197	ppbV	99
103)	1,4-dichlorobenzene	19.192	146	11221	0.214	ppbV	97
104)	sec-butylbenzene	19.225	105	25096	0.230	ppbV	98
105)	1,2,3-trimethylbenzene	19.350	105	15443	0.239	ppbV	94
106)	p-isopropyltoluene	19.350	119	21229	0.222	ppbV	99
107)	1,2-dichlorobenzene	19.467	146	10645	0.213	ppbV	98
108)	n-butylbenzene	19.683	91	16089	0.203	ppbV	99
109)	indan	19.517	117	15469	0.216	ppbV	98

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\
Data File : r322157.D
Acq On : 16 May 2022 11:12 PM
Operator : AIRPIANO3:TS
Sample : ITO15-LLSTD0.2
Misc : WG1639636
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 15:25:20 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 08:03:54 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\r322161.D
Sub List : Default - All compounds listed

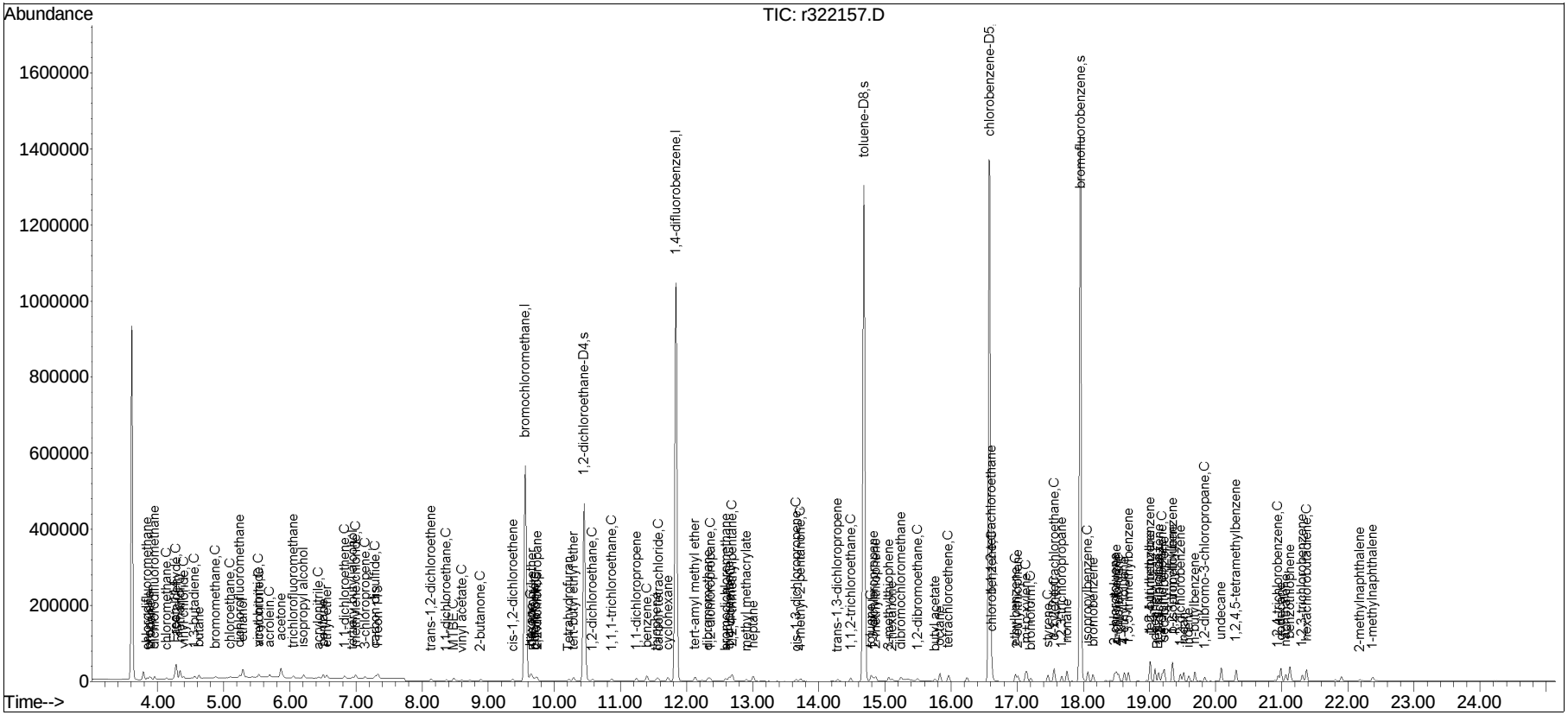
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
110) indene	19.592	115	10454	0.183	ppbV		99
111) 1,2-dibromo-3-chloropr...	19.833	75	3396	0.159	ppbV	#	87
112) undecane	20.083	57	13828	0.197	ppbV		97
113) 1,2,4,5-tetramethylben...	20.308	119	19971	0.307	ppbV		100
114) dodecane	20.992	57	14115	0.185	ppbV		92
115) 1,2,4-trichlorobenzene	20.942	180	7096	0.168	ppbV		96
116) naphthalene	21.058	128	20104	0.183	ppbV		99
117) 1,2,3-trichlorobenzene	21.308	180	7832	0.184	ppbV		99
118) benzothiophene	21.125	134	44324	0.308	ppbV		100
119) hexachlorobutadiene	21.375	225	8513	0.219	ppbV		99
120) 2-methylnaphthalene	22.183	142	3565	0.210	ppbV		96
121) 1-methylnaphthalene	22.375	142	9796	0.226	ppbV		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed22\05\0516T_I\r322161.D

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\
Data File : r322157.D
Acq On : 16 May 2022 11:12 PM
Operator : AIRPIANO3:TS
Sample : ITO15-LLSTD0.2
Misc : WG1639636
ALS Vial : 0 Sample Multiplier: 1

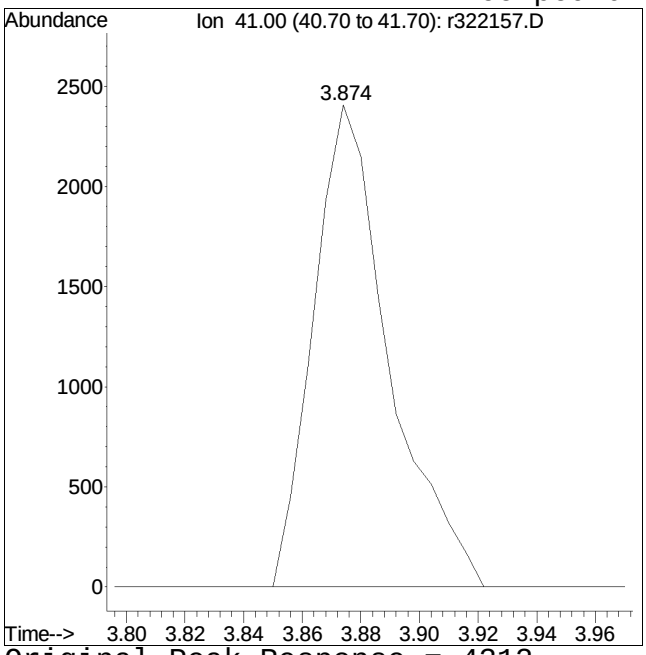
Quant Time: May 17 15:25:20 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 08:03:54 2022
Response via : Initial Calibration



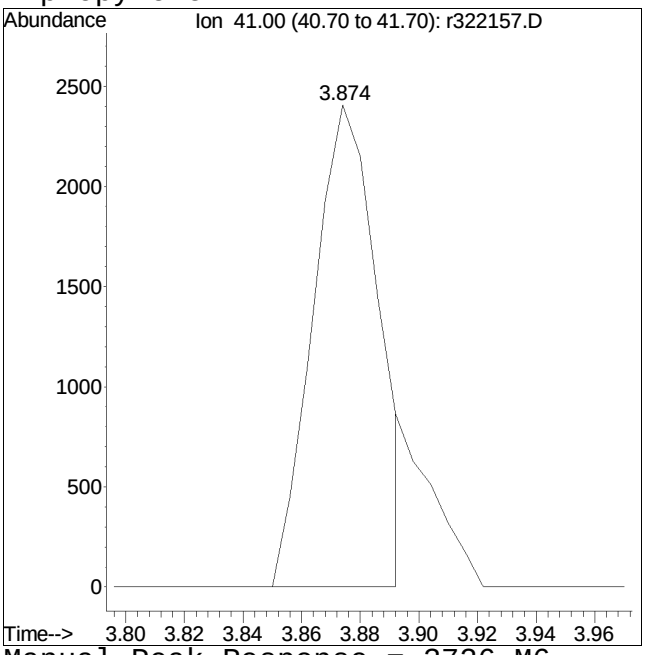
Manual Integration Report

Data Path : O:\Forensics\Data\AirpianoQMethod : TFS3_220516.M
Data File : r322157.D Operator : AIRPIANO3:TS
Date Inj'd : 5/16/2020 0:1: 2 Instrument :
Sample : ITO15-LLSTD0.2 Quant Date : 5/17/2022 8:05 am

Compound #3: propylene



Original Peak Response = 4312



Manual Peak Response = 3726 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\
Data File : r322158.D
Acq On : 16 May 2022 11:53 PM
Operator : AIRPIANO3:TS
Sample : ITO15-LLSTD0.5
Misc : WG1639636
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 15:34:11 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 08:03:54 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\r322161.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.558	49	394274	10.000	ppbV	0.00
Standard Area = 424706			Recovery =	92.83%		
43) 1,4-difluorobenzene	11.840	114	1182852	10.000	ppbV	0.00
Standard Area = 1294364			Recovery =	91.38%		
67) chlorobenzene-D5	16.583	54	186418	10.000	ppbV	0.00
Standard Area = 203329			Recovery =	91.68%		
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	10.450	65	366057	9.863	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	98.63%		
69) toluene-D8	14.683	98	1176140	9.769	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	97.69%		
90) bromofluorobenzene	17.958	95	733933	9.606	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	96.06%		
Target Compounds						Qvalue
2) chlorodifluoromethane	3.844	51	14153	0.675	ppbV	99
3) propylene	3.874	41	9528M6	0.872	ppbV	
4) propane	3.898	29	10652	0.741	ppbV	97
5) dichlorodifluoromethane	3.952	85	18415	0.703	ppbV	98
6) chloromethane	4.138	50	8913	0.749	ppbV	98
7) Freon-114	4.264	85	23527	0.695	ppbV	97
8) methanol	4.336	31	45387	4.703	ppbV #	82
9) vinyl chloride	4.396	62	10541	0.669	ppbV	100
10) 1,3-butadiene	4.564	54	8627	0.692	ppbV	99
11) butane	4.624	43	17199	0.808	ppbV	99
12) acetaldehyde	4.282	29	58607	8.992	ppbV	94
13) bromomethane	4.876	94	8348	0.669	ppbV	98
14) chloroethane	5.098	64	5375	0.687	ppbV	98
15) ethanol	5.283	31	54014	4.145	ppbV	100
16) dichlorofluoromethane	5.243	67	17626	0.592	ppbV	98
17) vinyl bromide	5.530	106	8178	0.682	ppbV	98
18) acrolein	5.693	56	12311	1.613	ppbV #	81
19) acetone	5.860	43	68866	4.323	ppbV #	97
20) acetonitrile	5.530	41	11652	0.900	ppbV	88
21) trichlorofluoromethane	6.050	101	16051	0.676	ppbV	97
22) isopropyl alcohol	6.200	45	32367	1.493	ppbV	99
23) acrylonitrile	6.433	53	8591	0.673	ppbV	99
24) pentane	6.507	43	19088	0.707	ppbV	98

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\
Data File : r322158.D
Acq On : 16 May 2022 11:53 PM
Operator : AIRPIANO3:TS
Sample : ITO15-LLSTD0.5
Misc : WG1639636
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 15:34:11 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 08:03:54 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\r322161.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) ethyl ether	6.553	31	13754	0.628	ppbV		98
26) 1,1-dichloroethene	6.830	61	13092	0.644	ppbV		99
27) tertiary butyl alcohol	6.938	59	13934	0.535	ppbV		95
28) methylene chloride	6.998	49	16436	0.791	ppbV		99
29) 3-chloropropene	7.142	41	12263	0.647	ppbV		98
30) carbon disulfide	7.292	76	30620	0.664	ppbV	#	93
31) Freon 113	7.334	101	17403	0.677	ppbV		96
32) trans-1,2-dichloroethene	8.133	61	13269	0.641	ppbV		99
33) 1,1-dichloroethane	8.367	63	15926	0.650	ppbV		96
34) MTBE	8.467	73	23847	0.633	ppbV		97
35) vinyl acetate	8.600	43	18269	0.686	ppbV		99
36) 2-butanone	8.875	43	23640	0.785	ppbV		99
37) cis-1,2-dichloroethene	9.375	61	11870	0.639	ppbV		98
38) Ethyl Acetate	9.692	61	2882	0.560	ppbV		94
39) chloroform	9.725	83	16652	0.648	ppbV		99
40) Tetrahydrofuran	10.208	42	11779M6	0.654	ppbV		
41) 2,2-dichloropropane	9.742	77	12189	0.581	ppbV	#	86
42) 1,2-dichloroethane	10.575	62	10774	0.700	ppbV		98
44) hexane	9.642	57	18017	0.662	ppbV		81
45) diisopropyl ether	9.650	87	9634	0.646	ppbV		98
46) tert-butyl ethyl ether	10.283	59	28246	0.607	ppbV		98
48) 1,1,1-trichloroethane	10.867	97	13480	0.663	ppbV		100
49) 1,1-dichloropropene	11.240	75	13907	0.629	ppbV		96
50) benzene	11.400	78	41403	0.815	ppbV		100
51) thiophene	11.547	84	18888	0.612	ppbV		98
52) carbon tetrachloride	11.573	117	12123	0.607	ppbV		98
53) cyclohexane	11.720	56	17815	0.649	ppbV		97
54) tert-amyl methyl ether	12.120	73	27628	0.620	ppbV		97
55) dibromomethane	12.327	93	9845	0.687	ppbV		98
56) 1,2-dichloropropane	12.360	63	10770	0.657	ppbV		97
57) bromodichloromethane	12.593	83	16961	0.638	ppbV		100
58) 1,4-dioxane	12.660	88	6985	0.625	ppbV		89
59) trichloroethene	12.640	130	14147	0.655	ppbV		100
60) 2,2,4-trimethylpentane	12.687	57	55541	0.677	ppbV		98
61) methyl methacrylate	12.900	41	10558	0.601	ppbV		96
62) heptane	13.007	43	20992	0.689	ppbV		99
63) cis-1,3-dichloropropene	13.658	75	14764	0.604	ppbV		98
64) 4-methyl-2-pentanone	13.717	43	21723	0.591	ppbV		99
65) trans-1,3-dichloropropene	14.283	75	12052	0.531	ppbV		98
66) 1,1,2-trichloroethane	14.483	97	11874	0.669	ppbV		98

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\
Data File : r322158.D
Acq On : 16 May 2022 11:53 PM
Operator : AIRPIANO3:TS
Sample : ITO15-LLSTD0.5
Misc : WG1639636
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 15:34:11 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 08:03:54 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\r322161.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) toluene	14.792	91	37788	0.679	ppbV	98
70) 2-methylthiophene	14.867	97	28280	0.620	ppbV	97
71) 1,3-dichloropropane	14.825	76	19658	0.669	ppbV	99
72) 2-hexanone	15.092	43	21955M6	0.617	ppbV	
73) 3-methylthiophene	15.058	97	29251	0.628	ppbV	99
74) dibromochloromethane	15.242	129	15987	0.593	ppbV	99
75) 1,2-dibromoethane	15.492	107	17443	0.627	ppbV	98
76) butyl acetate	15.750	73	4235	0.468	ppbV	92
77) octane	15.833	85	15345	0.623	ppbV	92
78) tetrachloroethene	15.958	166	18580	0.671	ppbV	99
79) 1,1,1,2-tetrachloroethane	16.608	131	12833	0.605	ppbV	99
80) chlorobenzene	16.625	112	33142	0.674	ppbV	100
81) ethylbenzene	16.975	91	44675	0.652	ppbV	99
82) 2-ethylthiophene	17.017	97	33389	0.619	ppbV	96
83) m+p-xylene	17.133	91	74219	1.292	ppbV	100
84) bromoform	17.208	173	14525	0.560	ppbV	99
85) styrene	17.467	104	31369	0.611	ppbV	99
86) 1,1,2,2-tetrachloroethane	17.558	83	27331	0.623	ppbV	100
87) o-xylene	17.558	91	38020	0.652	ppbV	100
88) 1,2,3-trichloropropane	17.675	75	22495	0.634	ppbV	97
89) nonane	17.750	43	31939	0.670	ppbV	96
91) isopropylbenzene	18.067	105	56878	0.676	ppbV	99
92) bromobenzene	18.150	77	30666	0.649	ppbV	100
93) 2-chlorotoluene	18.475	126	15363	0.627	ppbV	98
94) n-propylbenzene	18.500	120	18342	0.638	ppbV	98
95) 4-chlorotoluene	18.533	126	15708	0.641	ppbV	100
96) 4-ethyl toluene	18.617	105	56317	0.632	ppbV	98
97) 1,3,5-trimethylbenzene	18.683	105	48205	0.561	ppbV	99
98) tert-butylbenzene	19.008	119	51919	0.651	ppbV	100
99) 1,2,4-trimethylbenzene	19.008	105	46323	0.617	ppbV	97
100) decane	19.083	57	38299	0.623	ppbV	96
101) Benzyl Chloride	19.125	91	14335	0.317	ppbV	99
102) 1,3-dichlorobenzene	19.142	146	34602	0.620	ppbV	99
103) 1,4-dichlorobenzene	19.192	146	33868	0.635	ppbV	99
104) sec-butylbenzene	19.225	105	71628	0.644	ppbV	100
105) 1,2,3-trimethylbenzene	19.350	105	43547	0.660	ppbV	97
106) p-isopropyltoluene	19.350	119	62026	0.638	ppbV	100
107) 1,2-dichlorobenzene	19.467	146	31937	0.626	ppbV	98
108) n-butylbenzene	19.683	91	48498	0.600	ppbV	99
109) indan	19.517	117	45438	0.622	ppbV	99

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\
Data File : r322158.D
Acq On : 16 May 2022 11:53 PM
Operator : AIRPIANO3:TS
Sample : ITO15-LLSTD0.5
Misc : WG1639636
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 15:34:11 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 08:03:54 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\r322161.D
Sub List : Default - All compounds listed

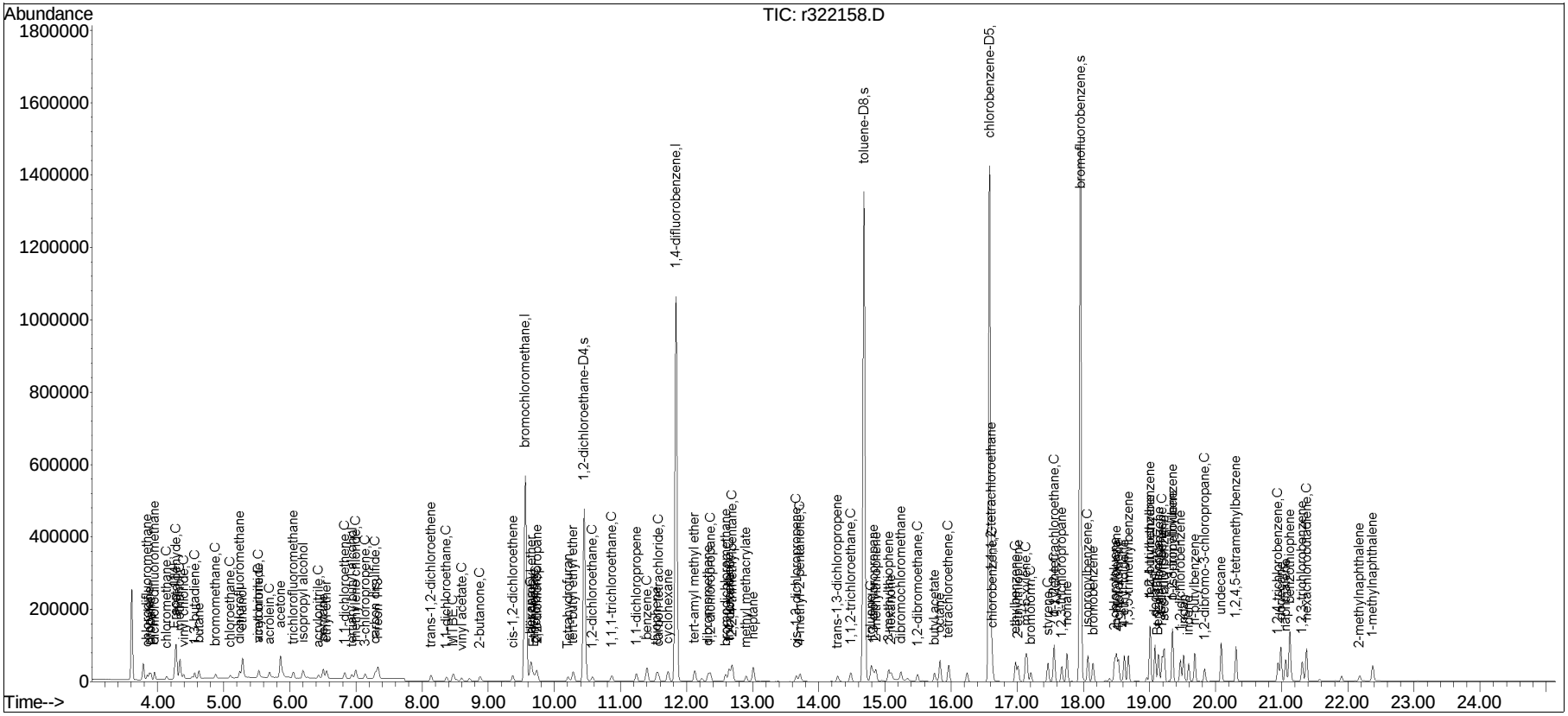
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
110) indene	19.592	115	32204	0.554	ppbV		98
111) 1,2-dibromo-3-chloropr...	19.833	75	11032	0.506	ppbV	#	90
112) undecane	20.083	57	40654	0.569	ppbV		98
113) 1,2,4,5-tetramethylben...	20.308	119	60741	0.917	ppbV		99
114) dodecane	20.992	57	38995	0.501	ppbV		94
115) 1,2,4-trichlorobenzene	20.942	180	22534	0.522	ppbV		99
116) naphthalene	21.058	128	61284	0.548	ppbV		100
117) 1,2,3-trichlorobenzene	21.308	180	24223	0.559	ppbV		99
118) benzothiophene	21.125	134	147338	1.005	ppbV		99
119) hexachlorobutadiene	21.375	225	24922	0.630	ppbV		98
120) 2-methylnaphthalene	22.175	142	14541	0.839	ppbV		97
121) 1-methylnaphthalene	22.375	142	36553	0.829	ppbV		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed22\05\0516T_I\r322161.D

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\
Data File : r322158.D
Acq On : 16 May 2022 11:53 PM
Operator : AIRPIANO3:TS
Sample : ITO15-LLSTD0.5
Misc : WG1639636
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 15:34:11 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 08:03:54 2022
Response via : Initial Calibration

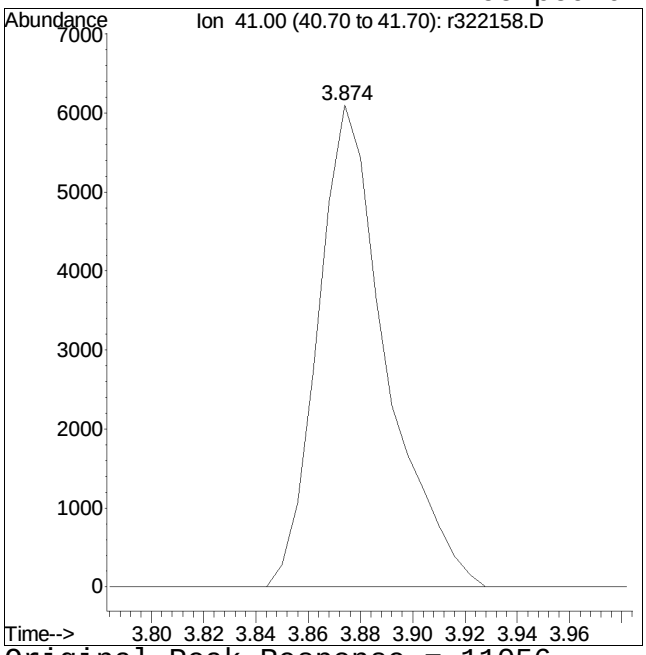


Manual Integration Report

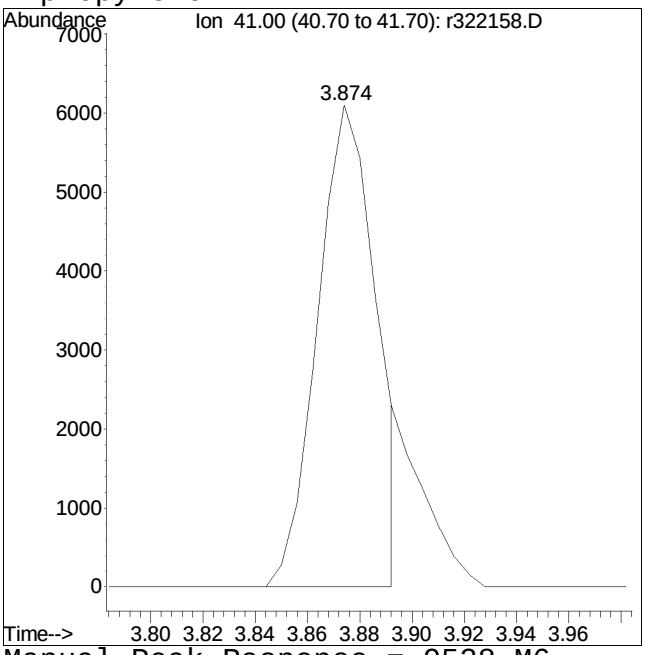
Data Path : O:\Forensics\Data\AirpianoQ
Data File : r322158.D
Date Inj'd : 5/16/2020 0:1: 3
Sample : ITO15-LLSTD0.5

Method : TFS3_220516.M
Operator : AIRPIANO3:TS
Instrument :
Quant Date : 5/17/2022 8:05 am

Compound #3: propylene



Original Peak Response = 11056



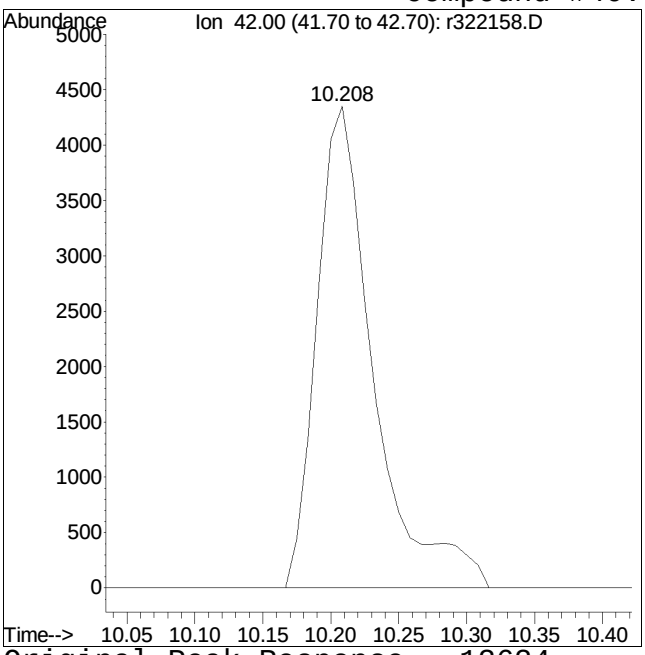
Manual Peak Response = 9528 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

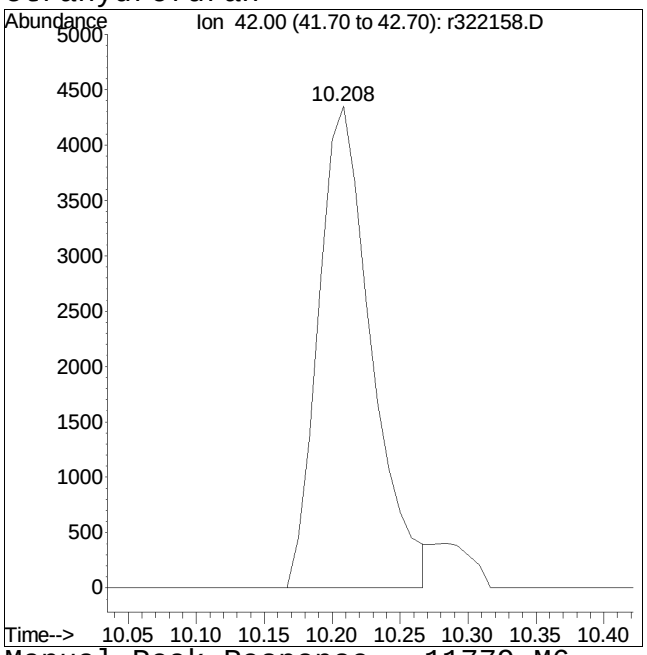
Manual Integration Report

Data Path : O:\Forensics\Data\AirpianoQMethod : TFS3_220516.M
Data File : r322158.D Operator : AIRPIANO3:TS
Date Inj'd : 5/16/2020 0:1: 3 Instrument :
Sample : ITO15-LLSTD0.5 Quant Date : 5/17/2022 8:05 am

Compound #40: Tetrahydrofuran



Original Peak Response = 12624



Manual Peak Response = 11779 M6

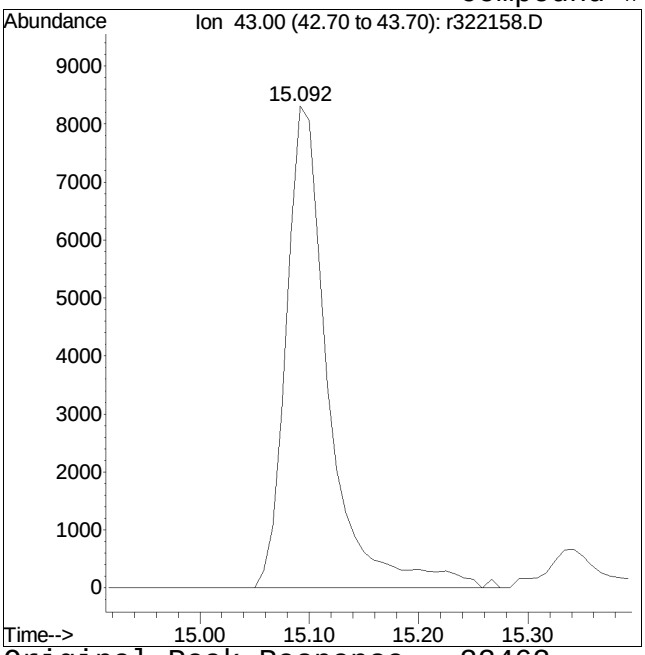
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

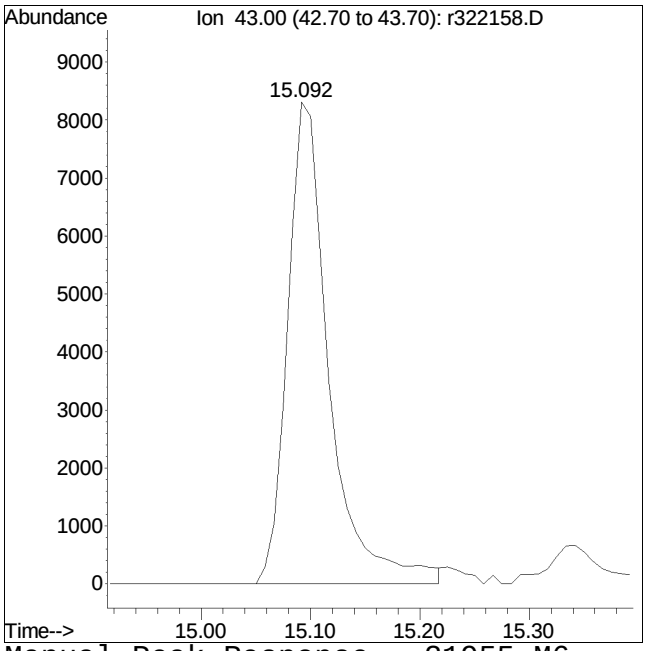
Data Path : O:\Forensics\Data\AirpianoQ
Data File : r322158.D
Date Inj'd : 5/16/2020 0:1: 3
Sample : ITO15-LLSTD0.5

Method : TFS3_220516.M
Operator : AIRPIANO3:TS
Instrument :
Quant Date : 5/17/2022 8:05 am

Compound #72: 2-hexanone



Original Peak Response = 22462



Manual Peak Response = 21955 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\
Data File : r322159.D
Acq On : 17 May 2022 12:37 AM
Operator : AIRPIANO3:TS
Sample : ITO15-LLSTD1.0
Misc : WG1639636
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 15:37:45 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 08:03:54 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\r322161.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.558	49	402187	10.000	ppbV	0.00
Standard Area = 424706			Recovery =	94.70%		
43) 1,4-difluorobenzene	11.840	114	1219735	10.000	ppbV	0.00
Standard Area = 1294364			Recovery =	94.23%		
67) chlorobenzene-D5	16.583	54	192503	10.000	ppbV	0.00
Standard Area = 203329			Recovery =	94.68%		
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	10.450	65	379880	9.926	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	99.26%		
69) toluene-D8	14.683	98	1235474	9.937	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	99.37%		
90) bromofluorobenzene	17.958	95	759443	9.626	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	96.26%		
Target Compounds						Qvalue
2) chlorodifluoromethane	3.844	51	29082	1.359	ppbV	99
3) propylene	3.874	41	19164M6	1.720	ppbV	
4) propane	3.898	29	21738	1.483	ppbV	98
5) dichlorodifluoromethane	3.952	85	37298	1.396	ppbV	99
6) chloromethane	4.138	50	17975	1.482	ppbV	99
7) Freon-114	4.264	85	47728	1.383	ppbV	99
8) methanol	4.336	31	91131	9.258	ppbV	92
9) vinyl chloride	4.396	62	21694	1.350	ppbV	99
10) 1,3-butadiene	4.564	54	17872	1.405	ppbV	98
11) butane	4.624	43	34869	1.607	ppbV	99
12) acetaldehyde	4.282	29	117311	17.644	ppbV	97
13) bromomethane	4.876	94	17651	1.387	ppbV	100
14) chloroethane	5.098	64	11088	1.388	ppbV	98
15) ethanol	5.280	31	109628	8.246	ppbV	99
16) dichlorofluoromethane	5.240	67	36652	1.206	ppbV	99
17) vinyl bromide	5.530	106	16526	1.351	ppbV	96
18) acrolein	5.690	56	25403	3.262	ppbV #	93
19) acetone	5.853	43	138875	8.545	ppbV	98
20) acetonitrile	5.530	41	24271	1.838	ppbV	96
21) trichlorofluoromethane	6.053	101	31695	1.309	ppbV	97
22) isopropyl alcohol	6.190	45	72373	3.274	ppbV	99
23) acrylonitrile	6.430	53	17964	1.379	ppbV	99
24) pentane	6.503	43	39374M6	1.430	ppbV	

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\
Data File : r322159.D
Acq On : 17 May 2022 12:37 AM
Operator : AIRPIANO3:TS
Sample : ITO15-LLSTD1.0
Misc : WG1639636
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 15:37:45 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 08:03:54 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\r322161.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) ethyl ether	6.550	31	28681	1.284	ppbV		98
26) 1,1-dichloroethene	6.830	61	26993	1.302	ppbV		99
27) tertiary butyl alcohol	6.926	59	30407M6	1.145	ppbV		
28) methylene chloride	6.998	49	33762	1.593	ppbV		99
29) 3-chloropropene	7.136	41	25427	1.315	ppbV		99
30) carbon disulfide	7.292	76	63201	1.343	ppbV		96
31) Freon 113	7.328	101	35618	1.358	ppbV		98
32) trans-1,2-dichloroethene	8.133	61	27944	1.324	ppbV		100
33) 1,1-dichloroethane	8.367	63	33318	1.333	ppbV		98
34) MTBE	8.467	73	50794	1.321	ppbV		99
35) vinyl acetate	8.592	43	36035	1.327	ppbV		99
36) 2-butanone	8.867	43	49819	1.622	ppbV		100
37) cis-1,2-dichloroethene	9.367	61	24680	1.302	ppbV		99
38) Ethyl Acetate	9.683	61	6579	1.253	ppbV		100
39) chloroform	9.725	83	34422	1.313	ppbV		99
40) Tetrahydrofuran	10.192	42	24837	1.352	ppbV		99
41) 2,2-dichloropropane	9.742	77	25799	1.206	ppbV	#	87
42) 1,2-dichloroethane	10.575	62	21427	1.365	ppbV		99
44) hexane	9.642	57	38178	1.360	ppbV		88
45) diisopropyl ether	9.650	87	19983	1.299	ppbV		98
46) tert-butyl ethyl ether	10.283	59	59768	1.245	ppbV		99
48) 1,1,1-trichloroethane	10.867	97	27850	1.329	ppbV		100
49) 1,1-dichloropropene	11.240	75	29668	1.302	ppbV		98
50) benzene	11.400	78	83982	1.604	ppbV		100
51) thiophene	11.547	84	40000	1.256	ppbV		97
52) carbon tetrachloride	11.573	117	25988	1.261	ppbV		98
53) cyclohexane	11.720	56	38278	1.351	ppbV		99
54) tert-amyl methyl ether	12.113	73	59407	1.292	ppbV		98
55) dibromomethane	12.327	93	20087	1.360	ppbV		98
56) 1,2-dichloropropane	12.360	63	22178	1.312	ppbV		99
57) bromodichloromethane	12.587	83	35540	1.296	ppbV		100
58) 1,4-dioxane	12.647	88	14750	1.281	ppbV		96
59) trichloroethene	12.640	130	28758	1.290	ppbV		97
60) 2,2,4-trimethylpentane	12.687	57	115304	1.363	ppbV		98
61) methyl methacrylate	12.900	41	23406	1.293	ppbV		99
62) heptane	13.007	43	44386	1.414	ppbV		98
63) cis-1,3-dichloropropene	13.658	75	30610	1.214	ppbV		98
64) 4-methyl-2-pentanone	13.708	43	47601	1.256	ppbV		97
65) trans-1,3-dichloropropene	14.283	75	26912	1.150	ppbV		99
66) 1,1,2-trichloroethane	14.483	97	24316	1.330	ppbV		97

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\
Data File : r322159.D
Acq On : 17 May 2022 12:37 AM
Operator : AIRPIANO3:TS
Sample : ITO15-LLSTD1.0
Misc : WG1639636
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 15:37:45 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 08:03:54 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\r322161.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) toluene	14.792	91	79685	1.387	ppbV	99
70) 2-methylthiophene	14.858	97	60775	1.291	ppbV	100
71) 1,3-dichloropropane	14.825	76	40238	1.327	ppbV	96
72) 2-hexanone	15.092	43	47259	1.285	ppbV	94
73) 3-methylthiophene	15.058	97	62269	1.294	ppbV	99
74) dibromochloromethane	15.242	129	34888	1.252	ppbV	99
75) 1,2-dibromoethane	15.492	107	37617	1.308	ppbV	99
76) butyl acetate	15.742	73	10214	1.093	ppbV	98
77) octane	15.833	85	33320	1.310	ppbV	95
78) tetrachloroethene	15.958	166	38450	1.345	ppbV	99
79) 1,1,1,2-tetrachloroethane	16.608	131	27836	1.272	ppbV	99
80) chlorobenzene	16.625	112	68629	1.353	ppbV	99
81) ethylbenzene	16.975	91	94287	1.332	ppbV	100
82) 2-ethylthiophene	17.008	97	72295	1.298	ppbV	98
83) m+p-xylene	17.133	91	158548	2.672	ppbV	99
84) bromoform	17.208	173	32502	1.214	ppbV	98
85) styrene	17.467	104	68635	1.294	ppbV	99
86) 1,1,2,2-tetrachloroethane	17.558	83	59090	1.304	ppbV	99
87) o-xylene	17.558	91	82022	1.361	ppbV	98
88) 1,2,3-trichloropropane	17.675	75	49117	1.340	ppbV	98
89) nonane	17.750	43	67637	1.374	ppbV	97
91) isopropylbenzene	18.067	105	119136	1.372	ppbV	99
92) bromobenzene	18.150	77	65385	1.340	ppbV	98
93) 2-chlorotoluene	18.475	126	33594	1.327	ppbV	99
94) n-propylbenzene	18.500	120	38988	1.314	ppbV	94
95) 4-chlorotoluene	18.533	126	32903	1.299	ppbV	96
96) 4-ethyl toluene	18.617	105	123521	1.342	ppbV	99
97) 1,3,5-trimethylbenzene	18.683	105	116468	1.313	ppbV	98
98) tert-butylbenzene	19.008	119	111714	1.357	ppbV	99
99) 1,2,4-trimethylbenzene	19.008	105	103232	1.332	ppbV	98
100) decane	19.083	57	84204	1.327	ppbV	98
101) Benzyl Chloride	19.125	91	39770	0.851	ppbV	99
102) 1,3-dichlorobenzene	19.133	146	76816	1.333	ppbV	97
103) 1,4-dichlorobenzene	19.192	146	72743	1.320	ppbV	99
104) sec-butylbenzene	19.225	105	154469	1.344	ppbV	99
105) 1,2,3-trimethylbenzene	19.350	105	93146	1.368	ppbV	98
106) p-isopropyltoluene	19.342	119	132393M6	1.318	ppbV	
107) 1,2-dichlorobenzene	19.467	146	69682	1.323	ppbV	99
108) n-butylbenzene	19.683	91	106897	1.280	ppbV	99
109) indan	19.517	117	98436	1.304	ppbV	99

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\
Data File : r322159.D
Acq On : 17 May 2022 12:37 AM
Operator : AIRPIANO3:TS
Sample : ITO15-LLSTD1.0
Misc : WG1639636
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 15:37:45 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 08:03:54 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\r322161.D
Sub List : Default - All compounds listed

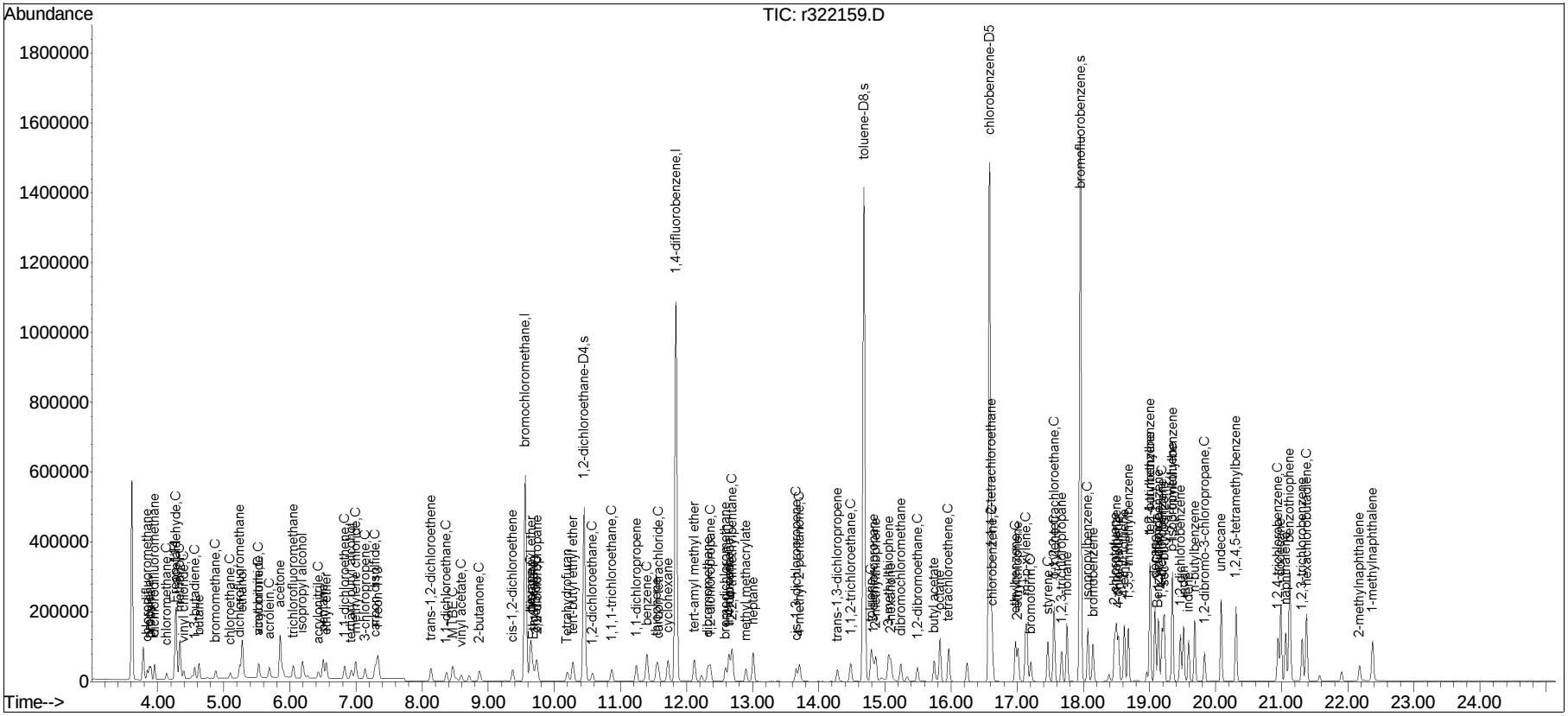
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indene	19.592	115	71710	1.195	ppbV	100
111) 1,2-dibromo-3-chloropr...	19.833	75	25099	1.114	ppbV	95
112) undecane	20.083	57	91160	1.235	ppbV	98
113) 1,2,4,5-tetramethylben...	20.308	119	133337	1.949	ppbV	99
114) dodecane	20.983	57	89979	1.120	ppbV	96
115) 1,2,4-trichlorobenzene	20.942	180	50754	1.139	ppbV	100
116) naphthalene	21.058	128	140361	1.216	ppbV	100
117) 1,2,3-trichlorobenzene	21.308	180	53693	1.201	ppbV	99
118) benzothiophene	21.117	134	333263	2.202	ppbV	99
119) hexachlorobutadiene	21.375	225	54189	1.326	ppbV	98
120) 2-methylnaphthalene	22.175	142	37496	2.095	ppbV	99
121) 1-methylnaphthalene	22.375	142	90458	1.987	ppbV	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed22\05\0516T_I\r322161.D

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\
Data File : r322159.D
Acq On : 17 May 2022 12:37 AM
Operator : AIRPIANO3:TS
Sample : ITO15-LLSTD1.0
Misc : WG1639636
ALS Vial : 0 Sample Multiplier: 1

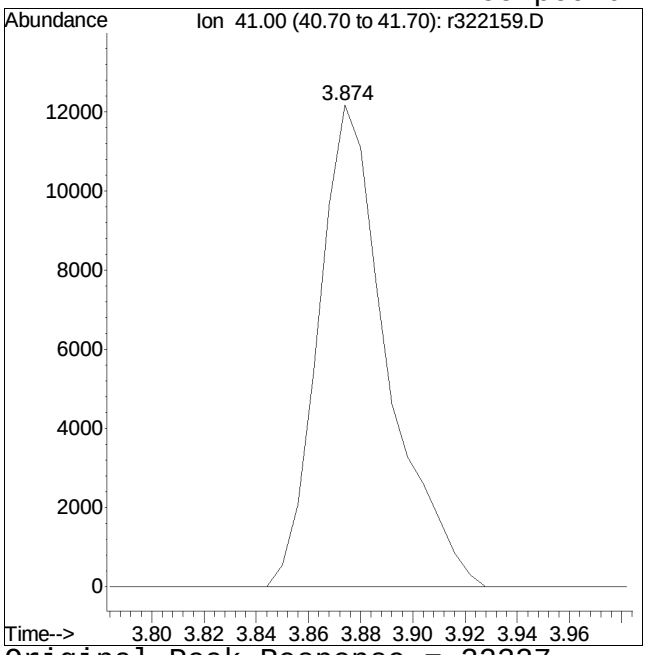
Quant Time: May 17 15:37:45 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 08:03:54 2022
Response via : Initial Calibration



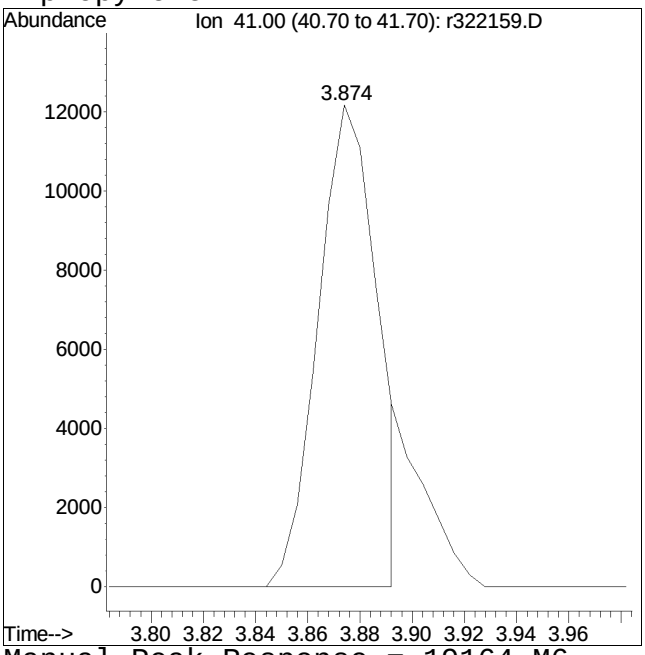
Manual Integration Report

Data Path : O:\Forensics\Data\AirpianoQMethod : TFS3_220516.M
Data File : r322159.D Operator : AIRPIANO3:TS
Date Inj'd : 5/17/2020 0:2: 7 Instrument :
Sample : ITO15-LLSTD1.0 Quant Date : 5/17/2022 8:06 am

Compound #3: propylene



Original Peak Response = 22327



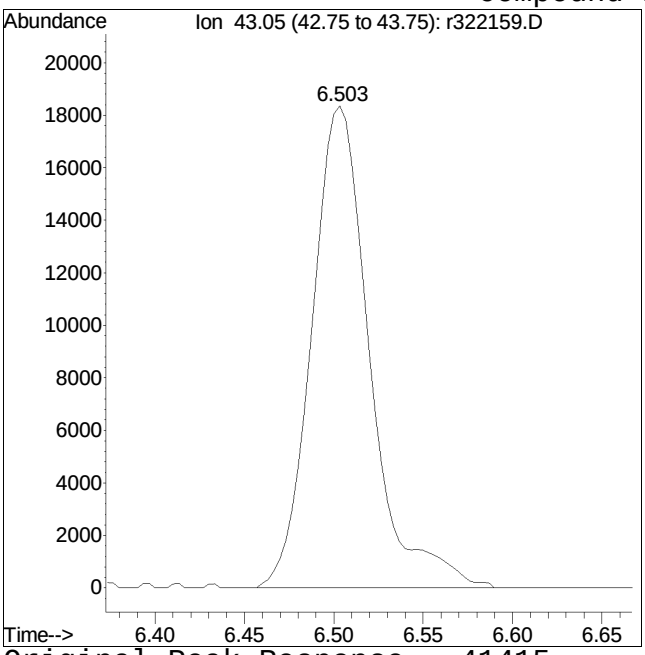
Manual Peak Response = 19164 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

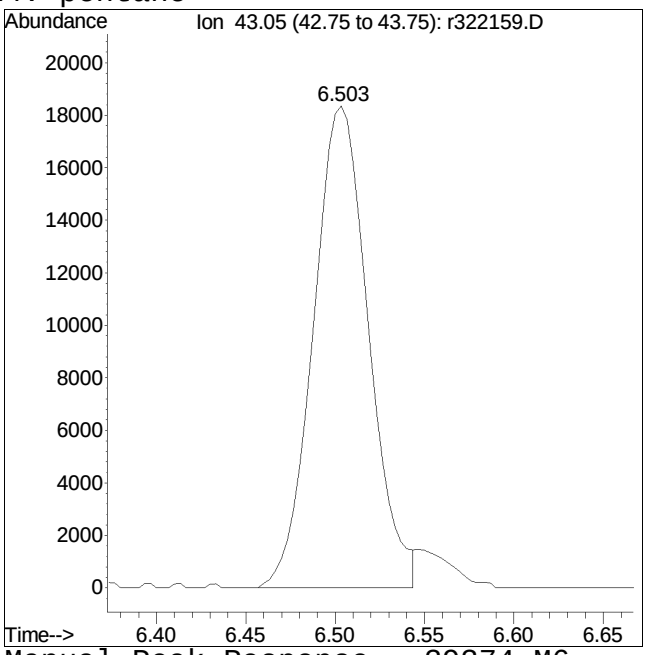
Manual Integration Report

Data Path : O:\Forensics\Data\AirpianoQMethod : TFS3_220516.M
Data File : r322159.D Operator : AIRPIANO3:TS
Date Inj'd : 5/17/2020 0:2: 7 Instrument :
Sample : ITO15-LLSTD1.0 Quant Date : 5/17/2022 8:06 am

Compound #24: pentane



Original Peak Response = 41415



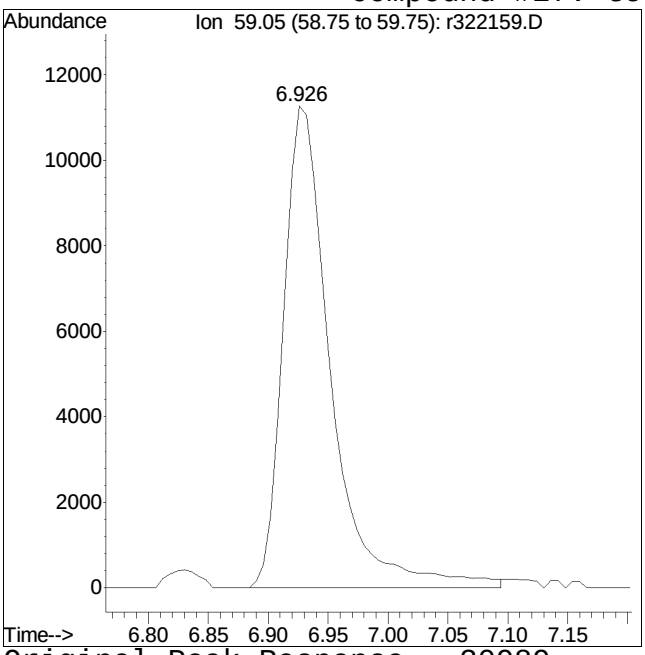
Manual Peak Response = 39374 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

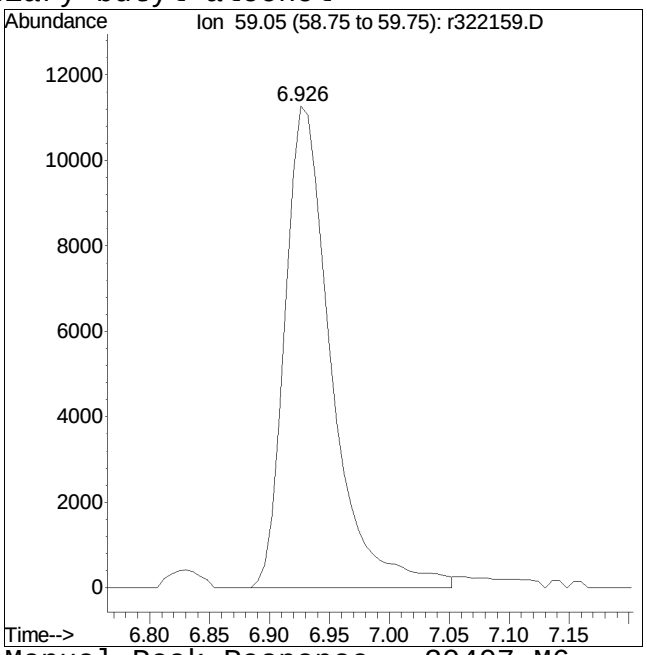
Manual Integration Report

Data Path : O:\Forensics\Data\AirpianoQMethod : TFS3_220516.M
Data File : r322159.D Operator : AIRPIANO3:TS
Date Inj'd : 5/17/2020 0:2: 7 Instrument :
Sample : ITO15-LLSTD1.0 Quant Date : 5/17/2022 8:06 am

Compound #27: tertiary butyl alcohol



Original Peak Response = 30989



Manual Peak Response = 30407 M6

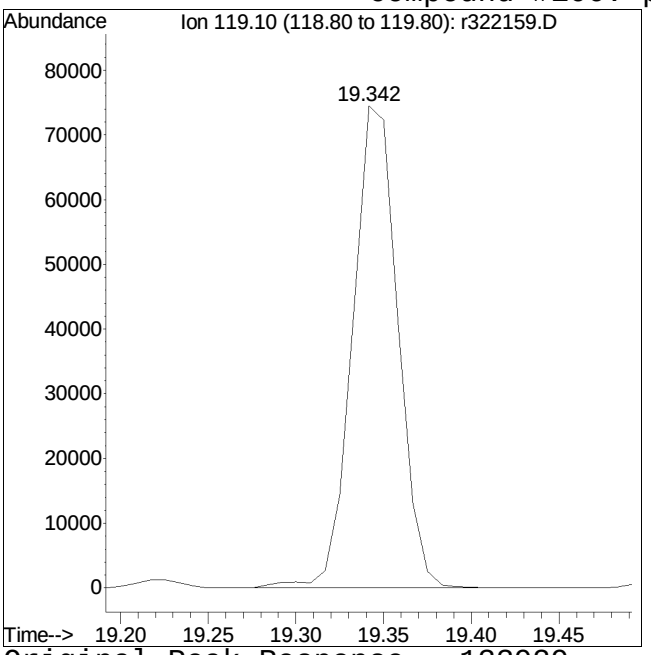
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

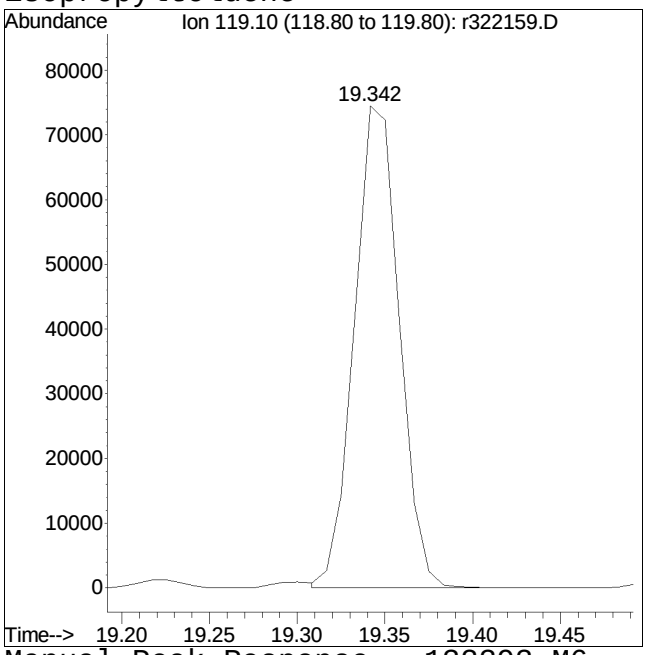
Data Path : O:\Forensics\Data\AirpianoQ
Data File : r322159.D
Date Inj'd : 5/17/2020 0:2: 7
Sample : ITO15-LLSTD1.0

Method : TFS3_220516.M
Operator : AIRPIANO3:TS
Instrument :
Quant Date : 5/17/2022 8:06 am

Compound #106: p-isopropyltoluene



Original Peak Response = 133929



Manual Peak Response = 132393 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\
Data File : r322160.D
Acq On : 17 May 2022 1:18 AM
Operator : AIRPIANO3:TS
Sample : ITO15-LLSTD5.0
Misc : WG1639636
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 15:41:01 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 08:03:54 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\r322161.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.567	49	411409	10.000	ppbV	0.00
Standard Area = 424706			Recovery = 96.87%			
43) 1,4-difluorobenzene	11.840	114	1248013	10.000	ppbV	0.00
Standard Area = 1294364			Recovery = 96.42%			
67) chlorobenzene-D5	16.583	54	196977	10.000	ppbV	0.00
Standard Area = 203329			Recovery = 96.88%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	10.450	65	393527	10.049	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.49%			
69) toluene-D8	14.683	98	1277360	10.040	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.40%			
90) bromofluorobenzene	17.958	95	807361	10.001	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.01%			
Target Compounds						Qvalue
2) chlorodifluoromethane	3.844	51	108476	4.955	ppbV	100
3) propylene	3.874	41	55311M6	4.852	ppbV	
4) propane	3.904	29	72271	4.820	ppbV	98
5) dichlorodifluoromethane	3.958	85	138615	5.071	ppbV	100
6) chloromethane	4.138	50	62448	5.032	ppbV	99
7) Freon-114	4.264	85	178552	5.057	ppbV	99
8) methanol	4.336	31	252835	25.109	ppbV	98
9) vinyl chloride	4.396	62	81210	4.942	ppbV	100
10) 1,3-butadiene	4.564	54	65106	5.003	ppbV	98
11) butane	4.630	43	111492	5.022	ppbV	100
12) acetaldehyde	4.282	29	177086	26.038	ppbV	98
13) bromomethane	4.882	94	65019	4.994	ppbV	99
14) chloroethane	5.104	64	40708	4.983	ppbV	99
15) ethanol	5.277	31	320666	23.580	ppbV	99
16) dichlorofluoromethane	5.243	67	157146	5.056	ppbV	99
17) vinyl bromide	5.533	106	61927	4.948	ppbV	100
18) acrolein	5.690	56	39673	4.981	ppbV	94
19) acetone	5.850	43	428233	25.760	ppbV	99
20) acetonitrile	5.530	41	68270	5.054	ppbV	100
21) trichlorofluoromethane	6.057	101	125388	5.063	ppbV	99
22) isopropyl alcohol	6.183	45	272264	12.039	ppbV	100
23) acrylonitrile	6.430	53	65169	4.890	ppbV	98
24) pentane	6.507	43	144480	5.131	ppbV	99

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\
Data File : r322160.D
Acq On : 17 May 2022 1:18 AM
Operator : AIRPIANO3:TS
Sample : ITO15-LLSTD5.0
Misc : WG1639636
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 15:41:01 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 08:03:54 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\r322161.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) ethyl ether	6.547	31	112744	4.934	ppbV	99
26) 1,1-dichloroethene	6.836	61	104072	4.908	ppbV	99
27) tertiary butyl alcohol	6.920	59	129915	4.783	ppbV	99
28) methylene chloride	6.998	49	107708	4.968	ppbV	99
29) 3-chloropropene	7.142	41	96220	4.864	ppbV	99
30) carbon disulfide	7.292	76	236130	4.904	ppbV	99
31) Freon 113	7.334	101	133980	4.993	ppbV	99
32) trans-1,2-dichloroethene	8.142	61	105108	4.868	ppbV	99
33) 1,1-dichloroethane	8.375	63	126271	4.937	ppbV	99
34) MTBE	8.458	73	192206	4.886	ppbV	99
35) vinyl acetate	8.592	43	131834	4.747	ppbV	99
36) 2-butanone	8.858	43	153806	4.896	ppbV	99
37) cis-1,2-dichloroethene	9.375	61	94926	4.896	ppbV	99
38) Ethyl Acetate	9.675	61	24926	4.642	ppbV	88
39) chloroform	9.725	83	132130	4.925	ppbV	99
40) Tetrahydrofuran	10.183	42	91896	4.891	ppbV	100
41) 2,2-dichloropropane	9.742	77	104471	4.774	ppbV	96
42) 1,2-dichloroethane	10.575	62	79148	4.929	ppbV	100
44) hexane	9.642	57	141277	4.919	ppbV	94
45) diisopropyl ether	9.650	87	76460	4.856	ppbV	94
46) tert-butyl ethyl ether	10.275	59	238754	4.862	ppbV	100
48) 1,1,1-trichloroethane	10.875	97	106902	4.984	ppbV	99
49) 1,1-dichloropropene	11.240	75	114830	4.925	ppbV	99
50) benzene	11.400	78	263834	4.924	ppbV	100
51) thiophene	11.547	84	159292	4.889	ppbV	99
52) carbon tetrachloride	11.573	117	102482	4.859	ppbV	99
53) cyclohexane	11.720	56	141958	4.898	ppbV	99
54) tert-amyl methyl ether	12.113	73	230616	4.901	ppbV	99
55) dibromomethane	12.327	93	75320	4.985	ppbV	99
56) 1,2-dichloropropane	12.360	63	85217	4.925	ppbV	99
57) bromodichloromethane	12.593	83	136973	4.883	ppbV	100
58) 1,4-dioxane	12.640	88	57777	4.903	ppbV	100
59) trichloroethene	12.640	130	113294	4.968	ppbV	99
60) 2,2,4-trimethylpentane	12.687	57	432618M6	4.999	ppbV	
61) methyl methacrylate	12.893	41	88601	4.782	ppbV	100
62) heptane	13.007	43	160375	4.992	ppbV	100
63) cis-1,3-dichloropropene	13.658	75	123816	4.799	ppbV	100
64) 4-methyl-2-pentanone	13.700	43	190654	4.915	ppbV	99
65) trans-1,3-dichloropropene	14.283	75	112629	4.705	ppbV	99
66) 1,1,2-trichloroethane	14.483	97	92336	4.934	ppbV	99

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\
Data File : r322160.D
Acq On : 17 May 2022 1:18 AM
Operator : AIRPIANO3:TS
Sample : ITO15-LLSTD5.0
Misc : WG1639636
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 15:41:01 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 08:03:54 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\r322161.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) toluene	14.792	91	292389	4.972	ppbV	100
70) 2-methylthiophene	14.867	97	239933	4.981	ppbV	99
71) 1,3-dichloropropane	14.825	76	154094	4.965	ppbV	99
72) 2-hexanone	15.083	43	181376	4.821	ppbV	96
73) 3-methylthiophene	15.058	97	247449	5.025	ppbV	99
74) dibromochloromethane	15.242	129	138929	4.873	ppbV	98
75) 1,2-dibromoethane	15.492	107	144908	4.926	ppbV	99
76) butyl acetate	15.742	73	43967	4.599	ppbV	94
77) octane	15.833	85	126589	4.865	ppbV	98
78) tetrachloroethene	15.967	166	145826	4.984	ppbV	97
79) 1,1,1,2-tetrachloroethane	16.608	131	107487	4.799	ppbV	99
80) chlorobenzene	16.625	112	258182	4.973	ppbV	100
81) ethylbenzene	16.975	91	356859	4.928	ppbV	100
82) 2-ethylthiophene	17.008	97	287241	5.041	ppbV	98
83) m+p-xylene	17.133	91	603893	9.948	ppbV	100
84) bromoform	17.208	173	130637	4.767	ppbV	99
85) styrene	17.458	104	265568	4.894	ppbV	100
86) 1,1,2,2-tetrachloroethane	17.558	83	224422	4.840	ppbV	100
87) o-xylene	17.558	91	305502	4.955	ppbV	99
88) 1,2,3-trichloropropane	17.667	75	184077	4.909	ppbV	100
89) nonane	17.750	43	253164	5.026	ppbV	98
91) isopropylbenzene	18.067	105	441433	4.967	ppbV	100
92) bromobenzene	18.150	77	245260	4.912	ppbV	100
93) 2-chlorotoluene	18.475	126	127472	4.922	ppbV	98
94) n-propylbenzene	18.500	120	149883	4.938	ppbV	98
95) 4-chlorotoluene	18.533	126	127940	4.937	ppbV	100
96) 4-ethyl toluene	18.617	105	468904	4.981	ppbV	99
97) 1,3,5-trimethylbenzene	18.683	105	454051	5.002	ppbV	100
98) tert-butylbenzene	19.008	119	423797	5.030	ppbV	100
99) 1,2,4-trimethylbenzene	19.008	105	399031	5.031	ppbV	99
100) decane	19.083	57	319223	4.915	ppbV	99
101) Benzyl Chloride	19.125	91	200450	4.192	ppbV	100
102) 1,3-dichlorobenzene	19.133	146	294082	4.989	ppbV	97
103) 1,4-dichlorobenzene	19.192	146	278748	4.944	ppbV	100
104) sec-butylbenzene	19.225	105	590238	5.021	ppbV	100
105) 1,2,3-trimethylbenzene	19.350	105	351333	5.043	ppbV	98
106) p-isopropyltoluene	19.342	119	511878M6	4.981	ppbV	
107) 1,2-dichlorobenzene	19.467	146	265496	4.926	ppbV	100
108) n-butylbenzene	19.683	91	420233	4.917	ppbV	99
109) indan	19.517	117	383617	4.968	ppbV	98

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\
Data File : r322160.D
Acq On : 17 May 2022 1:18 AM
Operator : AIRPIANO3:TS
Sample : ITO15-LLSTD5.0
Misc : WG1639636
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 15:41:01 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 08:03:54 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\r322161.D
Sub List : Default - All compounds listed

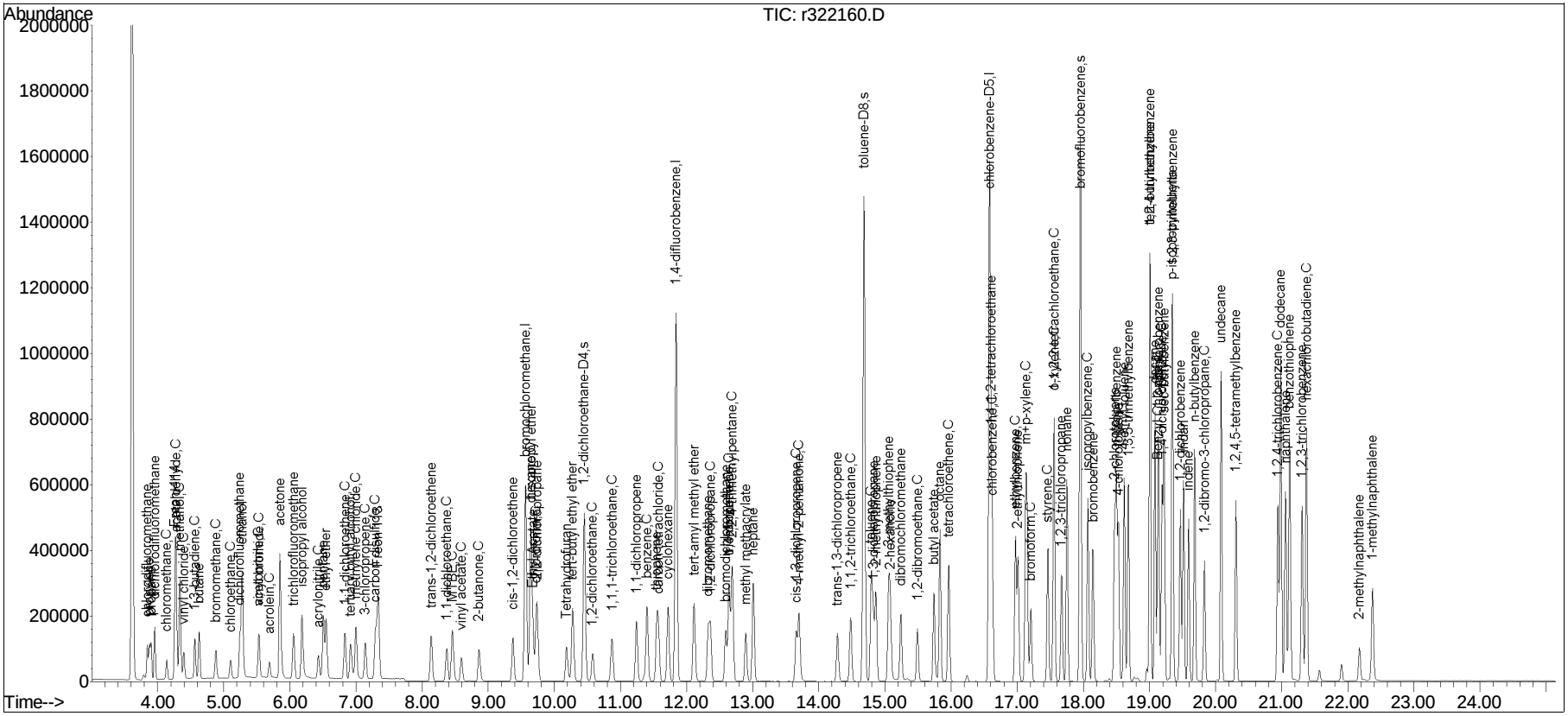
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indene	19.592	115	299961	4.886	ppbV	100
111) 1,2-dibromo-3-chloropr...	19.833	75	110834	4.807	ppbV	97
112) undecane	20.083	57	371745	4.923	ppbV	99
113) 1,2,4,5-tetramethylben...	20.308	119	346669	4.953	ppbV	99
114) dodecane	20.983	57	398792	4.850	ppbV	97
115) 1,2,4-trichlorobenzene	20.942	180	221411	4.856	ppbV	100
116) naphthalene	21.058	128	579562	4.905	ppbV	100
117) 1,2,3-trichlorobenzene	21.308	180	225696	4.932	ppbV	100
118) benzothiophene	21.117	134	759544	4.904	ppbV	100
119) hexachlorobutadiene	21.375	225	211356	5.053	ppbV	99
120) 2-methylnaphthalene	22.175	142	79280	4.328	ppbV	99
121) 1-methylnaphthalene	22.375	142	214578	4.606	ppbV	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed22\05\0516T_I\r322161.D

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\
Data File : r322160.D
Acq On : 17 May 2022 1:18 AM
Operator : AIRPIANO3:TS
Sample : ITO15-LLSTD5.0
Misc : WG1639636
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 15:41:01 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 08:03:54 2022
Response via : Initial Calibration

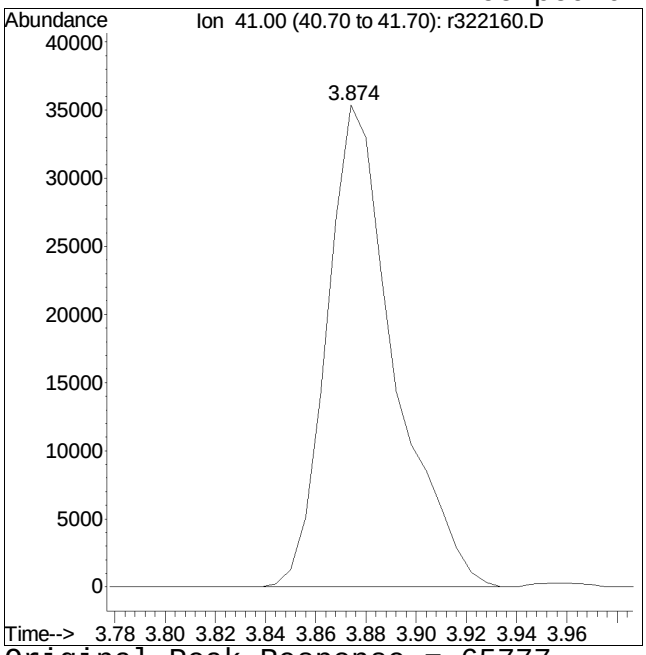


Manual Integration Report

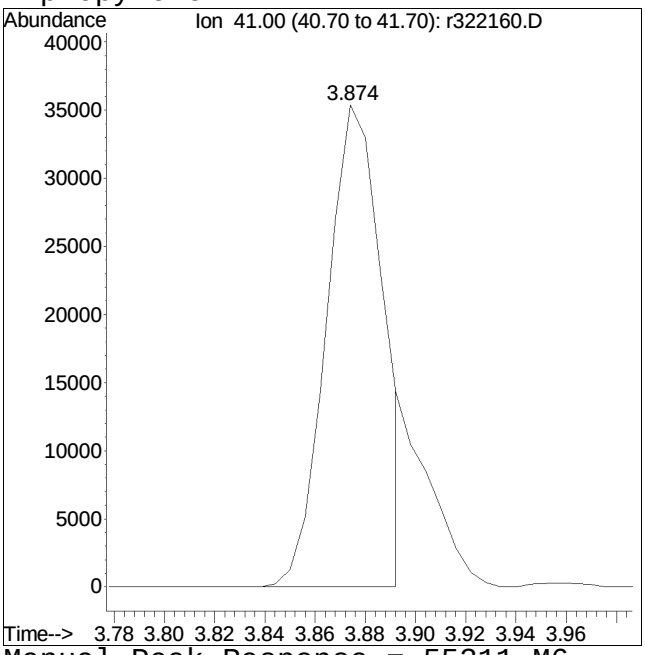
Data Path : O:\Forensics\Data\AirpianoQ
Data File : r322160.D
Date Inj'd : 5/17/2020 0:1: 8
Sample : ITO15-LLSTD5.0

Method : TFS3_220516.M
Operator : AIRPIANO3:TS
Instrument :
Quant Date : 5/17/2022 8:06 am

Compound #3: propylene



Original Peak Response = 65777



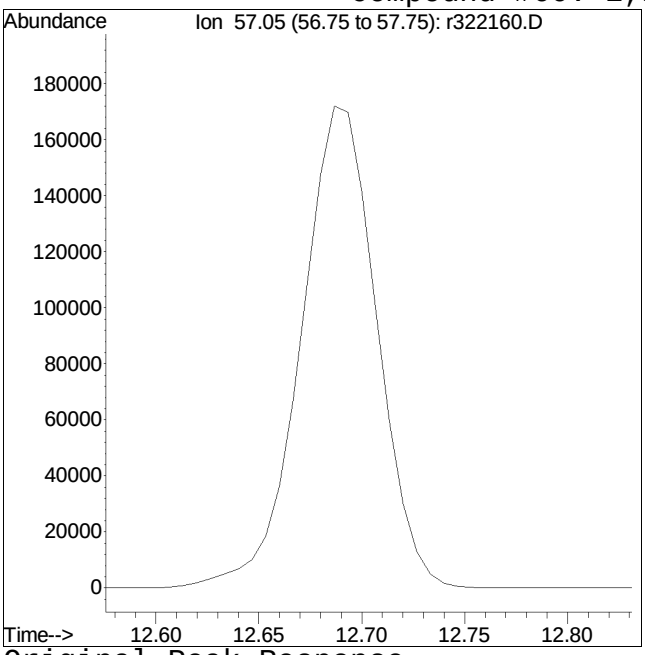
Manual Peak Response = 55311 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

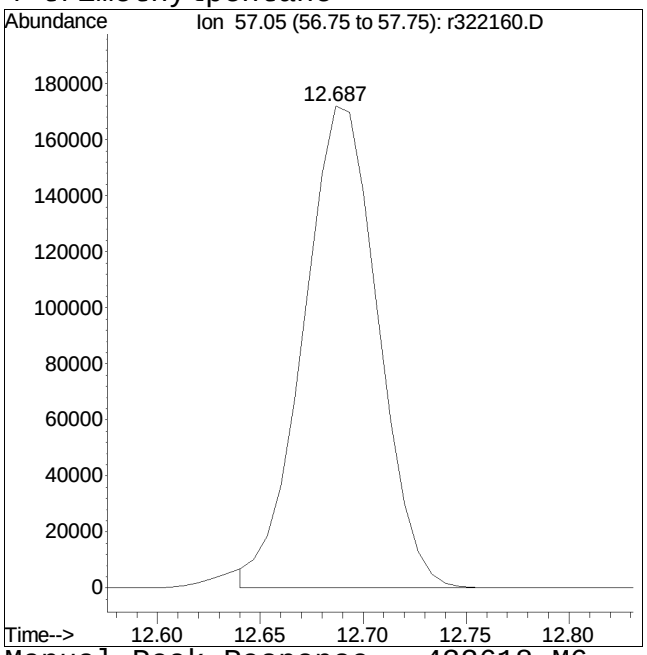
Manual Integration Report

Data Path : O:\Forensics\Data\AirpianoQMethod : TFS3_220516.M
Data File : r322160.D Operator : AIRPIANO3:TS
Date Inj'd : 5/17/2020 0:1: 8 Instrument :
Sample : ITO15-LLSTD5.0 Quant Date : 5/17/2022 8:06 am

Compound #60: 2,2,4-trimethylpentane



Original Peak Response =



Manual Peak Response = 432618 M6

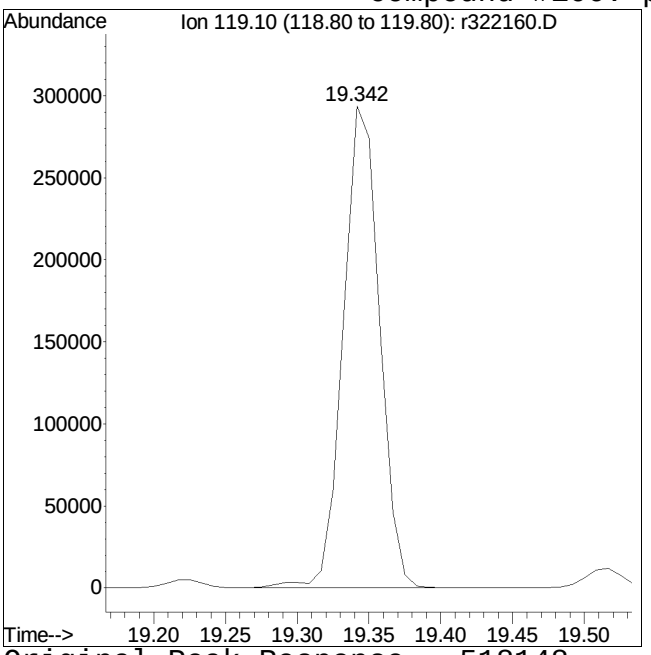
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

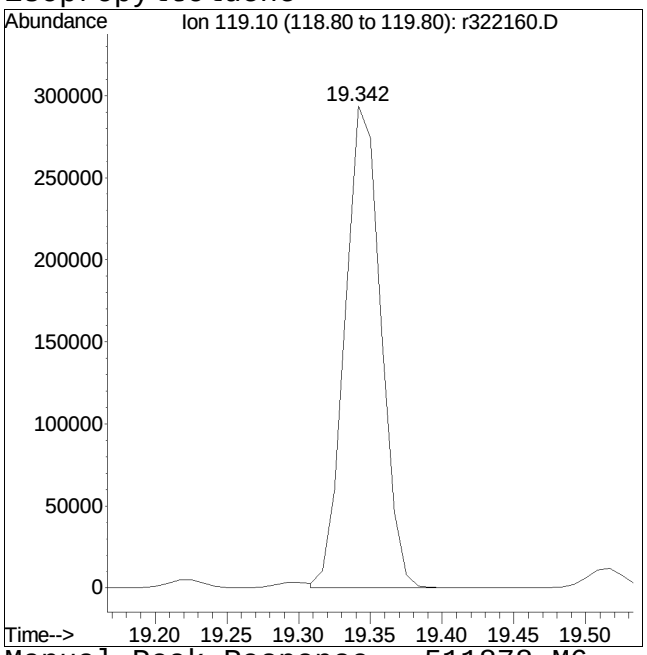
Data Path : O:\Forensics\Data\AirpianoQ
Data File : r322160.D
Date Inj'd : 5/17/2020 0:1: 8
Sample : ITO15-LLSTD5.0

Method : TFS3_220516.M
Operator : AIRPIANO3:TS
Instrument :
Quant Date : 5/17/2022 8:06 am

Compound #106: p-isopropyltoluene



Original Peak Response = 518148



Manual Peak Response = 511878 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\
Data File : r322161.D
Acq On : 17 May 2022 2:00 AM
Operator : AIRPIANO3:TS
Sample : ITO15-LLSTD010
Misc : WG1639636
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 08:58:02 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Apr 04 12:46:44 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\r322161.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.567	49	424706	10.000	ppbV	-0.03
Standard Area = 424706			Recovery = 100.00%			
43) 1,4-difluorobenzene	11.840	114	1294364	10.000	ppbV	-0.03
Standard Area = 1294364			Recovery = 100.00%			
67) chlorobenzene-D5	16.583	54	203329	10.000	ppbV	0.00
Standard Area = 203329			Recovery = 100.00%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	10.450	65	406145	12.024	ppbV	-0.03
Spiked Amount 10.000	Range 70 - 130		Recovery = 120.24%			
69) toluene-D8	14.683	98	1313234	9.051	ppbV	-0.02
Spiked Amount 10.000	Range 70 - 130		Recovery = 90.51%			
90) bromofluorobenzene	17.958	95	833344	8.142	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 81.42%			
Target Compounds						Qvalue
2) chlorodifluoromethane	3.844	51	226017	7.621	ppbV #	93
3) propylene	3.874	41	117684M6	5.463	ppbV	
4) propane	3.898	29	154794	6.892	ppbV	92
5) dichlorodifluoromethane	3.952	85	282184	7.915	ppbV	99
6) chloromethane	4.138	50	128101	8.045	ppbV	98
7) Freon-114	4.264	85	364476	7.639	ppbV	96
8) methanol	4.336	31	519738	59.924	ppbV	96
9) vinyl chloride	4.396	62	169651	6.968	ppbV	96
10) 1,3-butadiene	4.564	54	134335	8.030	ppbV #	71
11) butane	4.624	43	229176	5.872	ppbV #	97
12) acetaldehyde	4.282	29	351044	44.036	ppbV #	69
13) bromomethane	4.876	94	134395	6.812	ppbV	95
14) chloroethane	5.098	64	84328	6.115	ppbV	97
15) ethanol	5.273	31	701926	46.148	ppbV #	78
16) dichlorofluoromethane	5.243	67	320834	7.243	ppbV	99
17) vinyl bromide	5.530	106	129208	5.938	ppbV	99
18) acrolein	5.687	56	82229	7.935	ppbV	96
19) acetone	5.843	43	858062	27.630	ppbV #	81
20) acetonitrile	5.527	41	139455	5.601	ppbV	98
21) trichlorofluoromethane	6.053	101	255670	6.121	ppbV	99
22) isopropyl alcohol	6.177	45	583643	14.233	ppbV	99
23) acrylonitrile	6.430	53	137576	6.801	ppbV	97
24) pentane	6.503	43	290685M6	5.665	ppbV	

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\
Data File : r322161.D
Acq On : 17 May 2022 2:00 AM
Operator : AIRPIANO3:TS
Sample : ITO15-LLSTD010
Misc : WG1639636
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 08:58:02 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Apr 04 12:46:44 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\r322161.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) ethyl ether	6.543	31	235906	5.078	ppbV		99
26) 1,1-dichloroethene	6.830	61	218917	5.731	ppbV		97
27) tertiary butyl alcohol	6.908	59	280393	5.197	ppbV		96
28) methylene chloride	6.998	49	223795	8.980	ppbV		90
29) 3-chloropropene	7.142	41	204207	5.357	ppbV		97
30) carbon disulfide	7.292	76	497092	6.569	ppbV		100
31) Freon 113	7.334	101	276990	5.825	ppbV		90
32) trans-1,2-dichloroethene	8.133	61	222906	5.650	ppbV		97
33) 1,1-dichloroethane	8.367	63	264031	5.404	ppbV		99
34) MTBE	8.450	73	406057	5.915	ppbV		99
35) vinyl acetate	8.592	43	286717	5.056	ppbV		99
36) 2-butanone	8.858	43	324315	5.794	ppbV		99
37) cis-1,2-dichloroethene	9.375	61	200155	5.672	ppbV		97
38) Ethyl Acetate	9.675	61	55433	5.510	ppbV		92
39) chloroform	9.725	83	276933	6.788	ppbV		96
40) Tetrahydrofuran	10.175	42	193960	5.676	ppbV		100
41) 2,2-dichloropropane	9.742	77	225911	6.288	ppbV		96
42) 1,2-dichloroethane	10.575	62	165759	5.864	ppbV	#	94
44) hexane	9.642	57	297882	7.071	ppbV		98
45) diisopropyl ether	9.642	87	163299	6.569	ppbV		90
46) tert-butyl ethyl ether	10.275	59	509278	6.253	ppbV		98
48) 1,1,1-trichloroethane	10.867	97	222456	5.921	ppbV		94
49) 1,1-dichloropropene	11.240	75	241803	7.039	ppbV		94
50) benzene	11.400	78	555730	6.788	ppbV		98
51) thiophene	11.547	84	337938	6.998	ppbV		96
52) carbon tetrachloride	11.573	117	218724	7.264	ppbV		98
53) cyclohexane	11.720	56	300591	6.861	ppbV		97
54) tert-amyl methyl ether	12.107	73	488011	6.511	ppbV		99
55) dibromomethane	12.327	93	156720	6.238	ppbV		97
56) 1,2-dichloropropane	12.360	63	179446	5.987	ppbV		97
57) bromodichloromethane	12.593	83	290930	7.222	ppbV		98
58) 1,4-dioxane	12.633	88	122212	6.032	ppbV		95
59) trichloroethene	12.640	130	236508	6.991	ppbV		95
60) 2,2,4-trimethylpentane	12.687	57	897515M6	6.536	ppbV		
61) methyl methacrylate	12.893	41	192156	6.092	ppbV		98
62) heptane	13.007	43	333185	6.754	ppbV		98
63) cis-1,3-dichloropropene	13.658	75	267584	6.890	ppbV		96
64) 4-methyl-2-pentanone	13.700	43	402290	6.804	ppbV		96
65) trans-1,3-dichloropropene	14.283	75	248283	6.830	ppbV		95
66) 1,1,2-trichloroethane	14.483	97	194085	6.185	ppbV		90

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\
Data File : r322161.D
Acq On : 17 May 2022 2:00 AM
Operator : AIRPIANO3:TS
Sample : ITO15-LLSTD010
Misc : WG1639636
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 08:58:02 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Apr 04 12:46:44 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\r322161.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
68) toluene	14.792	91	606975	5.642	ppbV		99
70) 2-methylthiophene	14.858	97	497276	5.973	ppbV	#	98
71) 1,3-dichloropropane	14.825	76	320366	7.007	ppbV		92
72) 2-hexanone	15.075	43	388363	7.076	ppbV		98
73) 3-methylthiophene	15.058	97	508296	6.032	ppbV	#	98
74) dibromochloromethane	15.242	129	294277	6.876	ppbV		99
75) 1,2-dibromoethane	15.492	107	303674	6.850	ppbV		99
76) butyl acetate	15.733	73	98684	6.514	ppbV		97
77) octane	15.833	85	268596	6.559	ppbV		93
78) tetrachloroethene	15.958	166	301997	6.843	ppbV		97
79) 1,1,1,2-tetrachloroethane	16.608	131	231217	6.566	ppbV		99
80) chlorobenzene	16.625	112	535955	7.254	ppbV		99
81) ethylbenzene	16.975	91	747432	5.947	ppbV		92
82) 2-ethylthiophene	17.008	97	588130	6.156	ppbV	#	89
83) m+p-xylene	17.133	91	1253308	12.311	ppbV		90
84) bromoform	17.208	173	282899	6.864	ppbV		100
85) styrene	17.458	104	560149	6.805	ppbV		97
86) 1,1,2,2-tetrachloroethane	17.558	83	478597	7.199	ppbV		98
87) o-xylene	17.558	91	636447	6.344	ppbV		91
88) 1,2,3-trichloropropane	17.667	75	387082	7.233	ppbV		98
89) nonane	17.750	43	519942	7.085	ppbV		95
91) isopropylbenzene	18.067	105	917426	6.908	ppbV		98
92) bromobenzene	18.150	77	515384	7.283	ppbV		96
93) 2-chlorotoluene	18.475	126	267321	6.578	ppbV		96
94) n-propylbenzene	18.500	120	313332	6.973	ppbV		77
95) 4-chlorotoluene	18.533	126	267475	6.764	ppbV		85
96) 4-ethyl toluene	18.617	105	971836	7.024	ppbV		98
97) 1,3,5-trimethylbenzene	18.683	105	937057	7.125	ppbV		99
98) tert-butylbenzene	19.008	119	869728	7.236	ppbV		98
99) 1,2,4-trimethylbenzene	19.008	105	818701	7.339	ppbV		96
100) decane	19.083	57	670464	7.067	ppbV		96
101) Benzyl Chloride	19.125	91	493573	5.339	ppbV		96
102) 1,3-dichlorobenzene	19.142	146	608454	7.512	ppbV		97
103) 1,4-dichlorobenzene	19.192	146	581993	7.179	ppbV		97
104) sec-butylbenzene	19.225	105	1213508	7.266	ppbV		99
105) 1,2,3-trimethylbenzene	19.350	105	719178	7.211	ppbV		99
106) p-isopropyltoluene	19.350	119	1060751	7.388	ppbV		98
107) 1,2-dichlorobenzene	19.467	146	556305	7.256	ppbV		97
108) n-butylbenzene	19.683	91	882274	6.540	ppbV		96
109) indan	19.517	117	797142	7.368	ppbV		99

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\
Data File : r322161.D
Acq On : 17 May 2022 2:00 AM
Operator : AIRPIANO3:TS
Sample : ITO15-LLSTD010
Misc : WG1639636
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 08:58:02 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Apr 04 12:46:44 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\r322161.D
Sub List : Default - All compounds listed

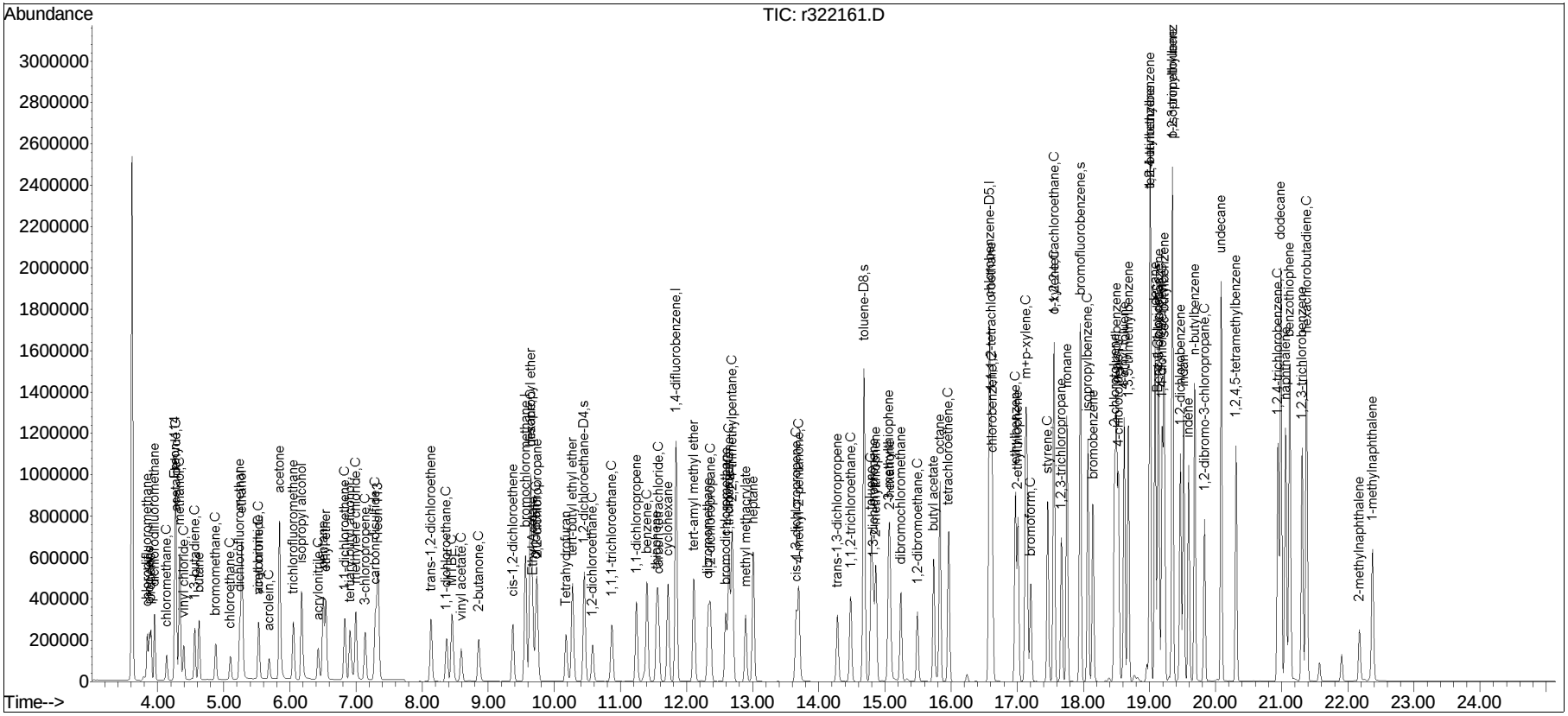
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indene	19.592	115	633718	7.482	ppbV	99
111) 1,2-dibromo-3-chloropr...	19.833	75	237988	7.654	ppbV	95
112) undecane	20.083	57	779422	7.419	ppbV	98
113) 1,2,4,5-tetramethylben...	20.308	119	722430	5.604	ppbV	97
114) dodecane	20.983	57	848798	8.089	ppbV	98
115) 1,2,4-trichlorobenzene	20.942	180	470636	6.991	ppbV	96
116) naphthalene	21.058	128	1219655	7.224	ppbV	99
117) 1,2,3-trichlorobenzene	21.308	180	472351	7.229	ppbV	96
118) benzothiophene	21.117	134	1598676	5.313	ppbV	98
119) hexachlorobutadiene	21.375	225	431780	7.882	ppbV	97
120) 2-methylnaphthalene	22.175	142	189073	4.599	ppbV	99
121) 1-methylnaphthalene	22.375	142	480858	5.979	ppbV	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed22\05\0516T_I\r322161.D

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\
Data File : r322161.D
Acq On : 17 May 2022 2:00 AM
Operator : AIRPIANO3:TS
Sample : ITO15-LLSTD010
Misc : WG1639636
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 08:58:02 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Apr 04 12:46:44 2022
Response via : Initial Calibration

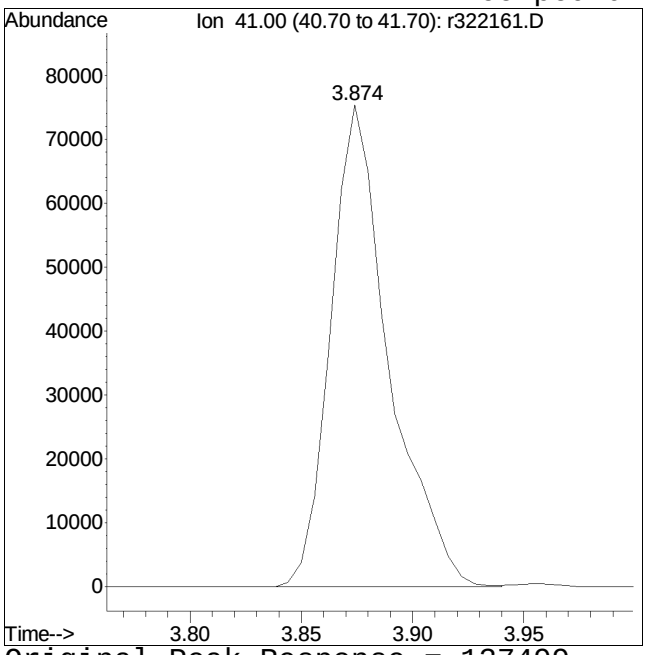


Manual Integration Report

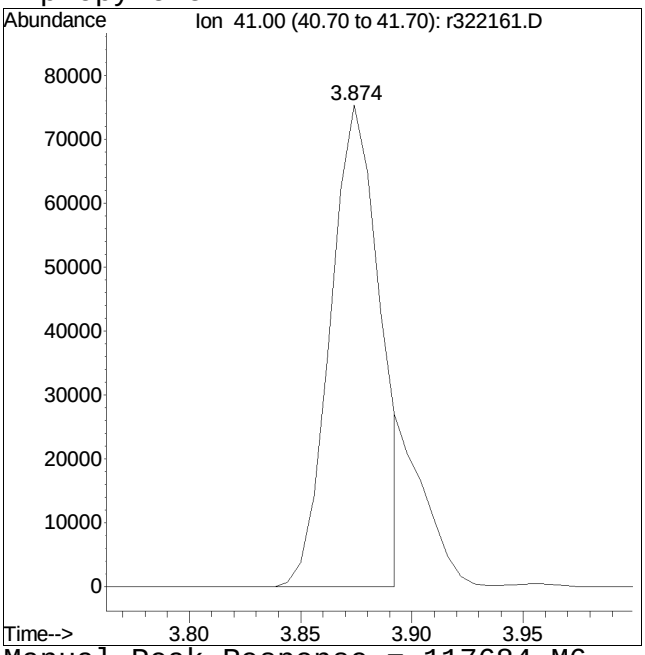
Data Path : O:\Forensics\Data\AirpianoQ
Data File : r322161.D
Date Inj'd : 5/17/2020 0:2: 0
Sample : ITO15-LLSTD010

Method : TFS3_220516.M
Operator : AIRPIANO3:TS
Instrument :
Quant Date : 5/17/2022 7:52 am

Compound #3: propylene



Original Peak Response = 137499



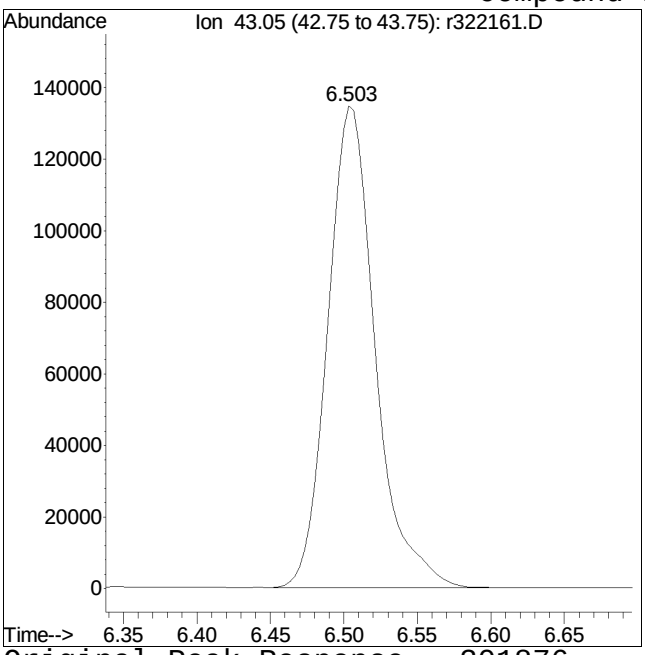
Manual Peak Response = 117684 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

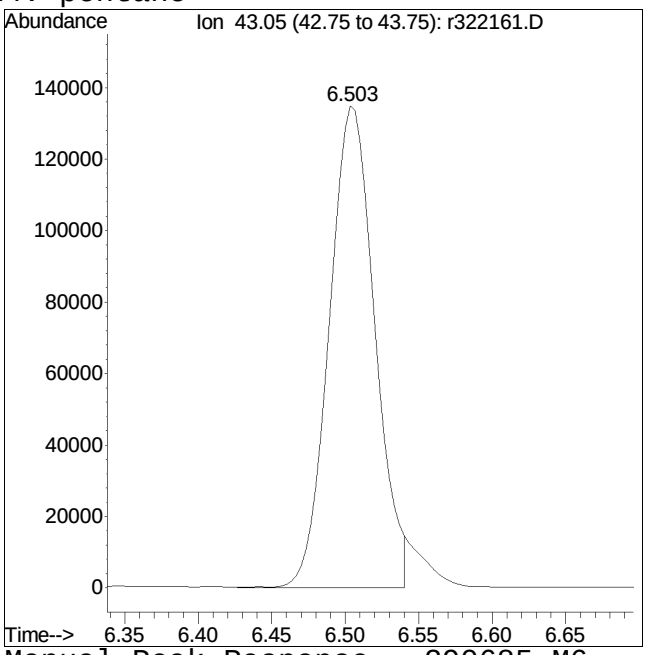
Manual Integration Report

Data Path : O:\Forensics\Data\AirpianoQMethod : TFS3_220516.M
Data File : r322161.D Operator : AIRPIANO3:TS
Date Inj'd : 5/17/2020 0:2: 0 Instrument :
Sample : ITO15-LLSTD010 Quant Date : 5/17/2022 7:52 am

Compound #24: pentane



Original Peak Response = 301876



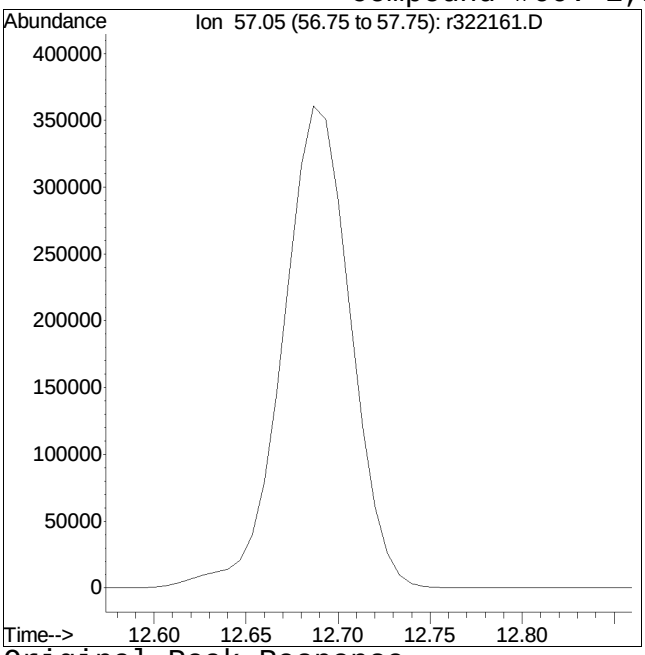
Manual Peak Response = 290685 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

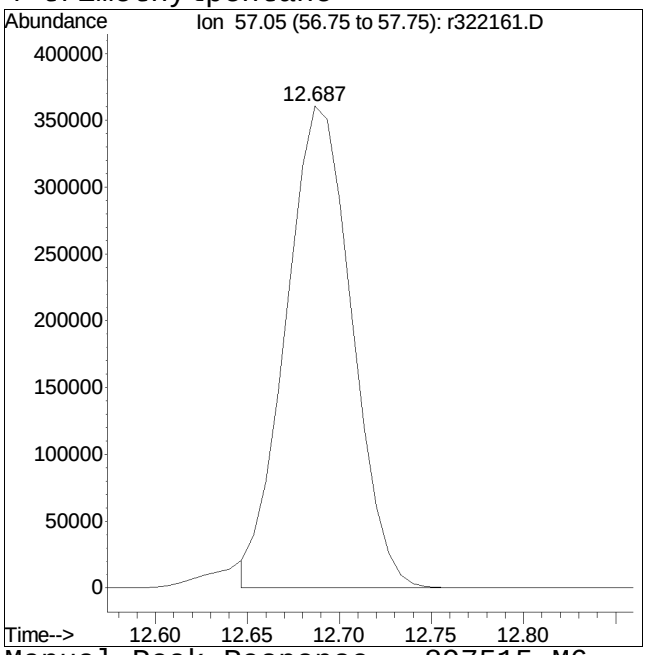
Manual Integration Report

Data Path : O:\Forensics\Data\AirpianoQMethod : TFS3_220516.M
Data File : r322161.D Operator : AIRPIANO3:TS
Date Inj'd : 5/17/2020 0:2: 0 Instrument :
Sample : ITO15-LLSTD010 Quant Date : 5/17/2022 7:52 am

Compound #60: 2,2,4-trimethylpentane



Original Peak Response =



Manual Peak Response = 897515 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\
Data File : r322162.D
Acq On : 17 May 2022 2:39 AM
Operator : AIRPIANO3:TS
Sample : ITO15-LLSTD020
Misc : WG1639636
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 15:42:30 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 08:03:54 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\r322161.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.567	49	442712	10.000	ppbV	0.00
Standard Area = 424706			Recovery = 104.24%			
43) 1,4-difluorobenzene	11.840	114	1327128	10.000	ppbV	0.00
Standard Area = 1294364			Recovery = 102.53%			
67) chlorobenzene-D5	16.583	54	208707	10.000	ppbV	0.00
Standard Area = 203329			Recovery = 102.64%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	10.450	65	409178	9.826	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.26%			
69) toluene-D8	14.683	98	1337907	9.925	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.25%			
90) bromofluorobenzene	17.958	95	854846	9.994	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.94%			
Target Compounds						Qvalue
2) chlorodifluoromethane	3.844	51	633446	26.887	ppbV	100
3) propylene	3.874	41	323752M6	26.391	ppbV	
4) propane	3.904	29	440510	27.300	ppbV	97
5) dichlorodifluoromethane	3.958	85	750639	25.519	ppbV	100
6) chloromethane	4.138	50	343479	25.723	ppbV	99
7) Freon-114	4.264	85	993150	26.140	ppbV	100
8) methanol	4.336	31	967754	89.314	ppbV	99
9) vinyl chloride	4.396	62	479511	27.115	ppbV	99
10) 1,3-butadiene	4.564	54	382504	27.316	ppbV	100
11) butane	4.630	43	640635	26.817	ppbV	100
12) acetaldehyde	4.282	29	889617	121.557	ppbV	97
13) bromomethane	4.882	94	377097	26.918	ppbV	99
14) chloroethane	5.104	64	239863	27.287	ppbV	100
15) ethanol	5.277	31	1800170	123.015	ppbV	98
16) dichlorofluoromethane	5.247	67	888694	26.573	ppbV	100
17) vinyl bromide	5.533	106	368240	27.341	ppbV	98
18) acrolein	5.687	56	227893	26.587	ppbV	97
19) acetone	5.843	43	2304178	128.806	ppbV	98
20) acetonitrile	5.527	41	385409	26.513	ppbV	99
21) trichlorofluoromethane	6.057	101	633107	23.756	ppbV	99
22) isopropyl alcohol	6.177	45	1732633	71.198	ppbV	99
23) acrylonitrile	6.430	53	407851	28.440	ppbV	99
24) pentane	6.507	43	850815	28.079	ppbV	100

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\
Data File : r322162.D
Acq On : 17 May 2022 2:39 AM
Operator : AIRPIANO3:TS
Sample : ITO15-LLSTD020
Misc : WG1639636
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 15:42:30 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 08:03:54 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\r322161.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) ethyl ether	6.543	31	712202	28.962	ppbV	98
26) 1,1-dichloroethene	6.836	61	631980	27.694	ppbV	99
27) tertiary butyl alcohol	6.908	59	876149	29.976	ppbV	97
28) methylene chloride	6.998	49	505260	21.659	ppbV	96
29) 3-chloropropene	7.142	41	597504	28.070	ppbV	99
30) carbon disulfide	7.292	76	1416164	27.330	ppbV	99
31) Freon 113	7.334	101	776035	26.877	ppbV	100
32) trans-1,2-dichloroethene	8.142	61	650146	27.981	ppbV	99
33) 1,1-dichloroethane	8.375	63	765301	27.806	ppbV	99
34) MTBE	8.450	73	1174170	27.740	ppbV	99
35) vinyl acetate	8.592	43	921211	30.823	ppbV	99
36) 2-butanone	8.850	43	922482	27.287	ppbV	99
37) cis-1,2-dichloroethene	9.375	61	578138	27.710	ppbV	99
38) Ethyl Acetate	9.667	61	164638	28.492	ppbV	76
39) chloroform	9.733	83	787007	27.263	ppbV	99
40) Tetrahydrofuran	10.167	42	564688	27.930	ppbV	99
41) 2,2-dichloropropane	9.742	77	664225	28.206	ppbV	96
42) 1,2-dichloroethane	10.583	62	468928	27.139	ppbV	99
44) hexane	9.642	57	830560	27.194	ppbV	100
45) diisopropyl ether	9.642	87	480379	28.691	ppbV	91
46) tert-butyl ethyl ether	10.275	59	1484127	28.422	ppbV	99
48) 1,1,1-trichloroethane	10.867	97	638274	27.984	ppbV	100
49) 1,1-dichloropropene	11.240	75	699729	28.224	ppbV	99
50) benzene	11.400	78	1572009	27.589	ppbV	100
51) thiophene	11.547	84	983850	28.395	ppbV	100
52) carbon tetrachloride	11.573	117	631320	28.151	ppbV	99
53) cyclohexane	11.720	56	887583	28.799	ppbV	99
54) tert-amyl methyl ether	12.107	73	1424483	28.469	ppbV	100
55) dibromomethane	12.327	93	450350	28.027	ppbV	99
56) 1,2-dichloropropane	12.360	63	519778	28.251	ppbV	99
57) bromodichloromethane	12.593	83	848041	28.430	ppbV	99
58) 1,4-dioxane	12.627	88	369234	29.467	ppbV	97
59) trichloroethene	12.640	130	668175	27.554	ppbV	100
60) 2,2,4-trimethylpentane	12.687	57	2607893M6	28.339	ppbV	
61) methyl methacrylate	12.893	41	581902	29.535	ppbV	99
62) heptane	13.007	43	956178	27.990	ppbV	98
63) cis-1,3-dichloropropene	13.658	75	790236	28.803	ppbV	99
64) 4-methyl-2-pentanone	13.692	43	1142621	27.702	ppbV	98
65) trans-1,3-dichloropropene	14.283	75	745382	29.280	ppbV	99
66) 1,1,2-trichloroethane	14.483	97	550089	27.643	ppbV	97

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\
Data File : r322162.D
Acq On : 17 May 2022 2:39 AM
Operator : AIRPIANO3:TS
Sample : ITO15-LLSTD020
Misc : WG1639636
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 15:42:30 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 08:03:54 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\r322161.D
Sub List : Default - All compounds listed

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68)	toluene	14.792	91	1712190	27.482	ppbV	100
70)	2-methylthiophene	14.867	97	1396636	27.362	ppbV	100
71)	1,3-dichloropropane	14.825	76	920563	27.994	ppbV	98
72)	2-hexanone	15.075	43	1103266	27.676	ppbV	99
73)	3-methylthiophene	15.058	97	1449102	27.774	ppbV	99
74)	dibromochloromethane	15.242	129	857123	28.376	ppbV	99
75)	1,2-dibromoethane	15.492	107	859785	27.583	ppbV	100
76)	butyl acetate	15.733	73	286852	28.319	ppbV	98
77)	octane	15.833	85	781162	28.334	ppbV	97
78)	tetrachloroethene	15.958	166	848724	27.380	ppbV	99
79)	1,1,1,2-tetrachloroethane	16.608	131	666129	28.067	ppbV	99
80)	chlorobenzene	16.625	112	1480442	26.911	ppbV	99
81)	ethylbenzene	16.975	91	2127619	27.732	ppbV	99
82)	2-ethylthiophene	17.008	97	1649396	27.322	ppbV	99
83)	m+p-xylene	17.133	91	3507993	54.537	ppbV	100
84)	bromoform	17.208	173	831671	28.641	ppbV	99
85)	styrene	17.458	104	1573429	27.366	ppbV	99
86)	1,1,2,2-tetrachloroethane	17.558	83	1334250	27.160	ppbV	100
87)	o-xylene	17.558	91	1750819	26.800	ppbV	100
88)	1,2,3-trichloropropane	17.667	75	1098197	27.640	ppbV	99
89)	nonane	17.750	43	1454211	27.248	ppbV	98
91)	isopropylbenzene	18.067	105	2540050	26.973	ppbV	98
92)	bromobenzene	18.150	77	1456100	27.525	ppbV	100
93)	2-chlorotoluene	18.475	126	760199	27.705	ppbV	99
94)	n-propylbenzene	18.500	120	894451	27.811	ppbV	97
95)	4-chlorotoluene	18.533	126	756218	27.544	ppbV	100
96)	4-ethyl toluene	18.617	105	2682502	26.891	ppbV	98
97)	1,3,5-trimethylbenzene	18.675	105	2536378	26.370	ppbV	97
98)	tert-butylbenzene	19.008	119	2299563	25.759	ppbV	97
99)	1,2,4-trimethylbenzene	19.008	105	2178107	25.919	ppbV	100
100)	decane	19.083	57	1860900	27.040	ppbV	98
101)	Benzyl Chloride	19.125	91	1629750	32.169	ppbV	98
102)	1,3-dichlorobenzene	19.133	146	1628665	26.078	ppbV	98
103)	1,4-dichlorobenzene	19.192	146	1562596	26.157	ppbV	98
104)	sec-butylbenzene	19.225	105	3238754	26.001	ppbV	97
105)	1,2,3-trimethylbenzene	19.350	105	1980272	26.826	ppbV	98
106)	p-isopropyltoluene	19.350	119	2747714M6	25.236	ppbV	
107)	1,2-dichlorobenzene	19.467	146	1499971	26.268	ppbV	100
108)	n-butylbenzene	19.683	91	2432588	26.861	ppbV	100
109)	indan	19.517	117	2215988	27.083	ppbV	100

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\
Data File : r322162.D
Acq On : 17 May 2022 2:39 AM
Operator : AIRPIANO3:TS
Sample : ITO15-LLSTD020
Misc : WG1639636
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 15:42:30 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 08:03:54 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\r322161.D
Sub List : Default - All compounds listed

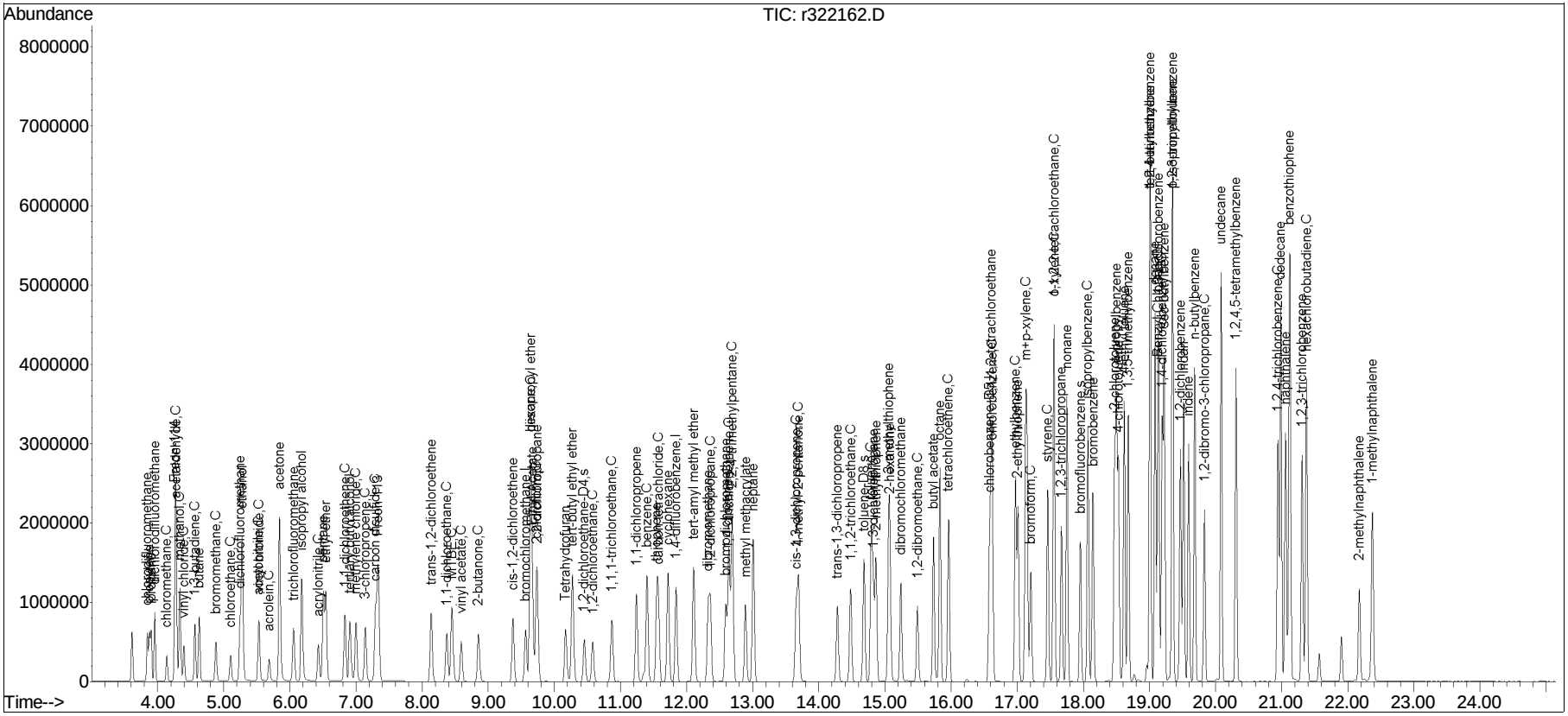
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indene	19.592	115	1821502	28.002	ppbV	99
111) 1,2-dibromo-3-chloropr...	19.833	75	658060	26.938	ppbV	99
112) undecane	20.083	57	2120017	26.499	ppbV	98
113) 1,2,4,5-tetramethylben...	20.308	119	2474277	33.367	ppbV	98
114) dodecane	20.983	57	1982609	22.756	ppbV	99
115) 1,2,4-trichlorobenzene	20.942	180	1267374	26.235	ppbV	99
116) naphthalene	21.058	128	3160438	25.245	ppbV	100
117) 1,2,3-trichlorobenzene	21.308	180	1211167	24.981	ppbV	100
118) benzothiophene	21.117	134	5588666	34.057	ppbV	99
119) hexachlorobutadiene	21.375	225	1077201	24.305	ppbV	98
120) 2-methylnaphthalene	22.175	142	860991	44.364	ppbV	100
121) 1-methylnaphthalene	22.375	142	1612143	32.662	ppbV	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed22\05\0516T_I\r322161.D

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\
Data File : r322162.D
Acq On : 17 May 2022 2:39 AM
Operator : AIRPIANO3:TS
Sample : ITO15-LLSTD020
Misc : WG1639636
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 15:42:30 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 08:03:54 2022
Response via : Initial Calibration

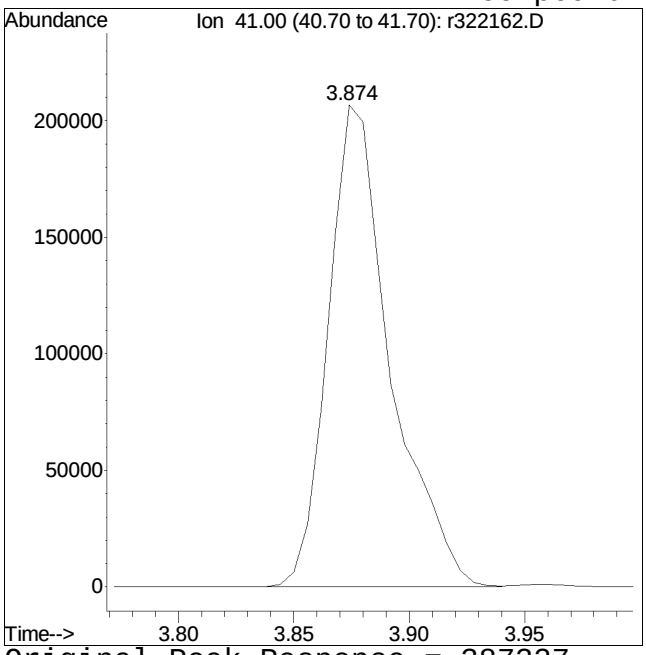


Manual Integration Report

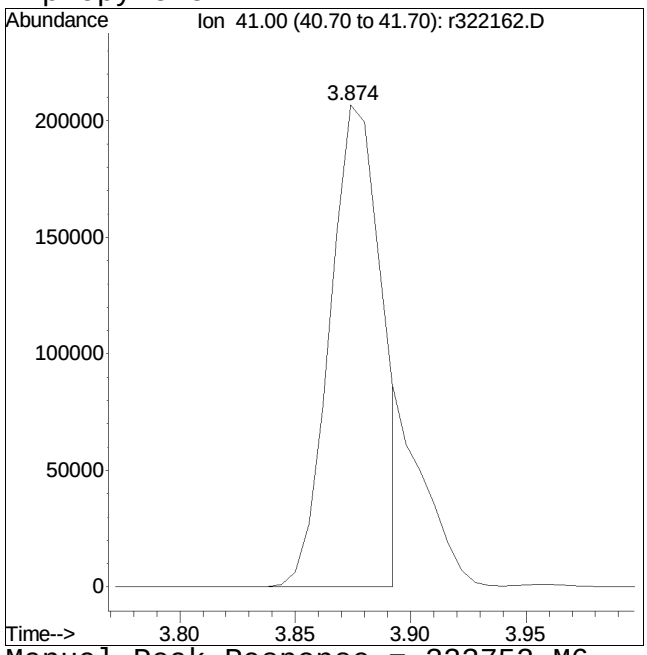
Data Path : O:\Forensics\Data\AirpianoQ
Data File : r322162.D
Date Inj'd : 5/17/2020 0:2: 9
Sample : ITO15-LLSTD020

Method : TFS3_220516.M
Operator : AIRPIANO3:TS
Instrument :
Quant Date : 5/17/2022 8:06 am

Compound #3: propylene



Original Peak Response = 387327



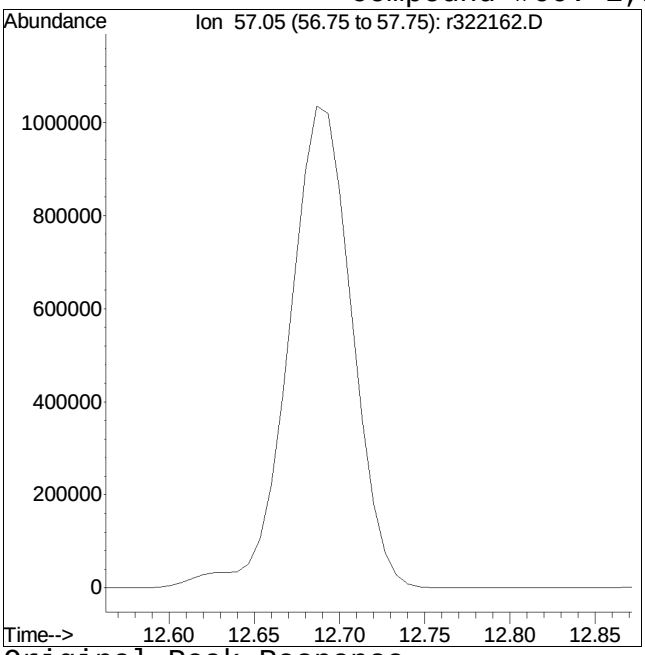
Manual Peak Response = 323752 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

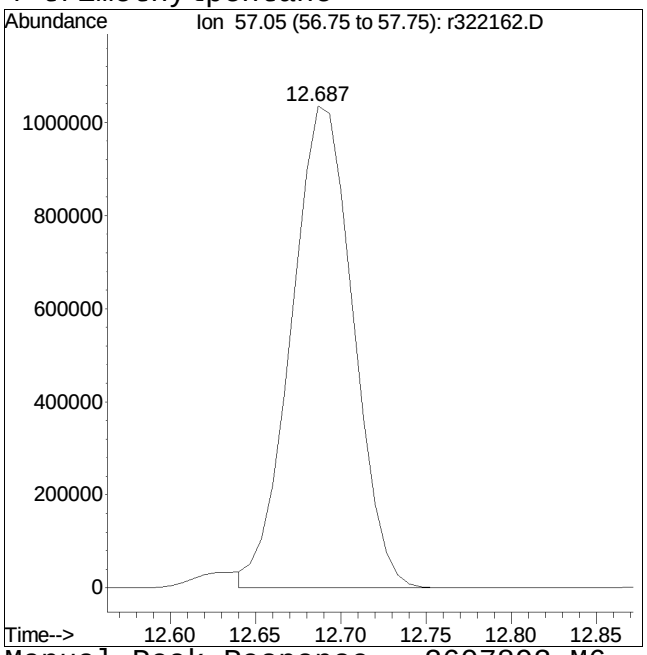
Manual Integration Report

Data Path : O:\Forensics\Data\AirpianoQMethod : TFS3_220516.M
Data File : r322162.D Operator : AIRPIANO3:TS
Date Inj'd : 5/17/2020 0:2: 9 Instrument :
Sample : ITO15-LLSTD020 Quant Date : 5/17/2022 8:06 am

Compound #60: 2,2,4-trimethylpentane



Original Peak Response =



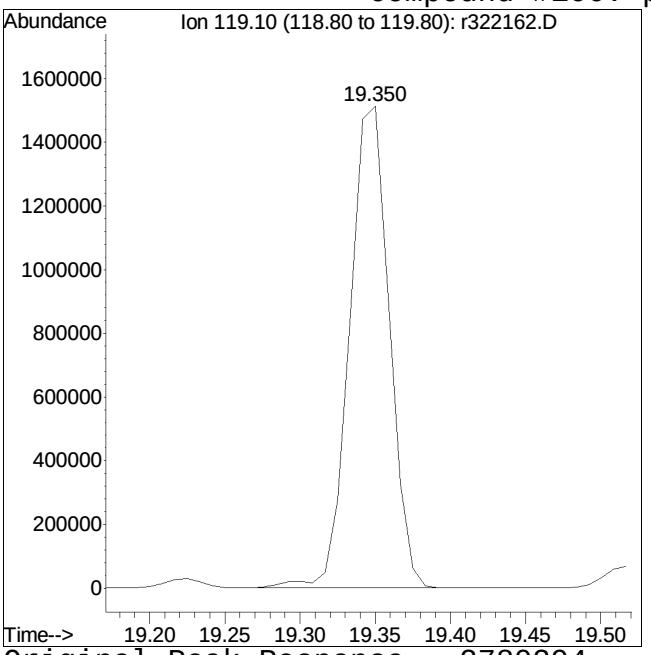
Manual Peak Response = 2607893 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

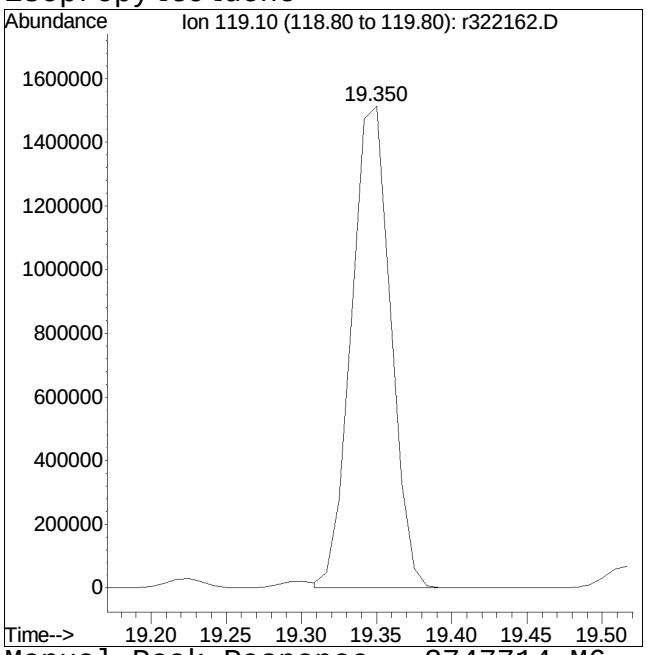
Manual Integration Report

Data Path : O:\Forensics\Data\AirpianoQMethod : TFS3_220516.M
Data File : r322162.D Operator : AIRPIANO3:TS
Date Inj'd : 5/17/2020 0:2: 9 Instrument :
Sample : ITO15-LLSTD020 Quant Date : 5/17/2022 8:06 am

Compound #106: p-isopropyltoluene



Original Peak Response = 2780294



Manual Peak Response = 2747714 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\
Data File : r322163.D
Acq On : 17 May 2022 3:19 AM
Operator : AIRPIANO3:TS
Sample : ITO15-LLSTD050
Misc : WG1639636
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 15:44:54 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 08:03:54 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\r322161.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.567	49	475675	10.000	ppbV	0.00
Standard Area = 424706			Recovery = 112.00%			
43) 1,4-difluorobenzene	11.840	114	1391469	10.000	ppbV	0.00
Standard Area = 1294364			Recovery = 107.50%			
67) chlorobenzene-D5	16.583	54	217568	10.000	ppbV	0.00
Standard Area = 203329			Recovery = 107.00%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	10.450	65	419509	9.608	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.08%			
69) toluene-D8	14.683	98	1407710	10.018	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.18%			
90) bromofluorobenzene	17.958	95	902281	10.119	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.19%			
Target Compounds						Qvalue
2) chlorodifluoromethane	3.844	51	1587205	62.700	ppbV	99
3) propylene	3.874	41	822902M6	62.432	ppbV	
4) propane	3.898	29	1171927	67.597	ppbV	97
5) dichlorodifluoromethane	3.952	85	1762383	55.763	ppbV	100
6) chloromethane	4.138	50	872115	60.785	ppbV	99
7) Freon-114	4.264	85	2372508	58.119	ppbV	99
8) methanol	4.336	31	2462232	211.491	ppbV	97
9) vinyl chloride	4.396	62	1237207	65.112	ppbV	99
10) 1,3-butadiene	4.558	54	981959	65.265	ppbV	99
11) butane	4.624	43	1650477	64.301	ppbV	99
12) acetaldehyde	4.276	29	1993807	253.554	ppbV	87
13) bromomethane	4.876	94	963441	64.006	ppbV	100
14) chloroethane	5.098	64	653616	69.204	ppbV	99
15) ethanol	5.280	31	4637548	294.948	ppbV	94
16) dichlorofluoromethane	5.243	67	2206551	61.406	ppbV	100
17) vinyl bromide	5.530	106	949981	65.645	ppbV	98
18) acrolein	5.683	56	597856	64.916	ppbV	96
19) acetone	5.840	43	5844063	304.050	ppbV	94
20) acetonitrile	5.527	41	1018113	65.184	ppbV	98
21) trichlorofluoromethane	6.053	101	1785977	62.370	ppbV	100
22) isopropyl alcohol	6.177	45	4454017	170.342	ppbV	98
23) acrylonitrile	6.430	53	1110250	72.054	ppbV	99
24) pentane	6.503	43	2217788	68.120	ppbV	99

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\
Data File : r322163.D
Acq On : 17 May 2022 3:19 AM
Operator : AIRPIANO3:TS
Sample : ITO15-LLSTD050
Misc : WG1639636
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 15:44:54 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 08:03:54 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\r322161.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) ethyl ether	6.540	31	2374139	89.856	ppbV	96
26) 1,1-dichloroethene	6.830	61	1661545	67.766	ppbV	98
27) tertiary butyl alcohol	6.902	59	2418450	77.010	ppbV	95
28) methylene chloride	6.998	49	1316497	52.523	ppbV	95
29) 3-chloropropene	7.142	41	1591056	69.565	ppbV	98
30) carbon disulfide	7.292	76	3638997	65.362	ppbV	99
31) Freon 113	7.334	101	1995408	64.320	ppbV	98
32) trans-1,2-dichloroethene	8.133	61	1722502	68.995	ppbV	98
33) 1,1-dichloroethane	8.367	63	2055147	69.497	ppbV	99
34) MTBE	8.442	73	3039590	66.835	ppbV	97
35) vinyl acetate	8.592	43	2515704	78.340	ppbV	97
36) 2-butanone	8.850	43	2419450	66.608	ppbV	99
37) cis-1,2-dichloroethene	9.375	61	1554571	69.346	ppbV	100
38) Ethyl Acetate	9.667	61	461594	74.348	ppbV	99
39) chloroform	9.733	83	2006993	64.707	ppbV	97
40) Tetrahydrofuran	10.167	42	1504257	69.245	ppbV	100
41) 2,2-dichloropropane	9.742	77	1702285	67.278	ppbV	92
42) 1,2-dichloroethane	10.575	62	1202777	64.787	ppbV	98
44) hexane	9.642	57	2169735	67.756	ppbV	99
45) diisopropyl ether	9.642	87	1290831	73.531	ppbV	84
46) tert-butyl ethyl ether	10.275	59	3939283	71.952	ppbV	98
48) 1,1,1-trichloroethane	10.867	97	1784731	74.630	ppbV	98
49) 1,1-dichloropropene	11.240	75	1825712	70.235	ppbV	97
50) benzene	11.400	78	4095996	68.561	ppbV	99
51) thiophene	11.553	84	2614578	71.969	ppbV	99
52) carbon tetrachloride	11.573	117	1592155	67.713	ppbV	99
53) cyclohexane	11.720	56	2392864	74.050	ppbV	98
54) tert-amyl methyl ether	12.107	73	3693349	70.400	ppbV	98
55) dibromomethane	12.327	93	1174536	69.715	ppbV	99
56) 1,2-dichloropropane	12.360	63	1405685	72.868	ppbV	97
57) bromodichloromethane	12.593	83	2212249	70.734	ppbV	99
58) 1,4-dioxane	12.627	88	1002478	76.303	ppbV	97
59) trichloroethene	12.640	130	1731860	68.116	ppbV	99
60) 2,2,4-trimethylpentane	12.687	57	6820979M6	70.695	ppbV	
61) methyl methacrylate	12.887	41	1540605	74.580	ppbV	97
62) heptane	13.007	43	2473413	69.055	ppbV	96
63) cis-1,3-dichloropropene	13.658	75	2088294	72.596	ppbV	98
64) 4-methyl-2-pentanone	13.692	43	2961209	68.472	ppbV	95
65) trans-1,3-dichloropropene	14.283	75	1980784	74.212	ppbV	98
66) 1,1,2-trichloroethane	14.483	97	1465724	70.249	ppbV	97

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\
Data File : r322163.D
Acq On : 17 May 2022 3:19 AM
Operator : AIRPIANO3:TS
Sample : ITO15-LLSTD050
Misc : WG1639636
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 15:44:54 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 08:03:54 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\r322161.D
Sub List : Default - All compounds listed

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68)	toluene	14.792	91	4400049	67.747	ppbV	99
70)	2-methylthiophene	14.867	97	3601249	67.680	ppbV	100
71)	1,3-dichloropropane	14.825	76	2361197	68.880	ppbV	98
72)	2-hexanone	15.075	43	2804761	67.494	ppbV	95
73)	3-methylthiophene	15.058	97	3668724	67.453	ppbV	99
74)	dibromochloromethane	15.242	129	2156410	68.482	ppbV	99
75)	1,2-dibromoethane	15.492	107	2149685	66.156	ppbV	99
76)	butyl acetate	15.733	73	758993	71.878	ppbV	94
77)	octane	15.833	85	2056952	71.570	ppbV	93
78)	tetrachloroethene	15.967	166	2106664	65.192	ppbV	96
79)	1,1,1,2-tetrachloroethane	16.608	131	1665987	67.337	ppbV	99
80)	chlorobenzene	16.625	112	3727974	65.005	ppbV	99
81)	ethylbenzene	16.975	91	5395130	67.458	ppbV	98
82)	2-ethylthiophene	17.017	97	4172251	66.298	ppbV	99
83)	m+p-xylene	17.142	91	8655348	129.081	ppbV	98
84)	bromoform	17.208	173	2064986	68.217	ppbV	98
85)	styrene	17.467	104	3969351	66.225	ppbV	98
86)	1,1,2,2-tetrachloroethane	17.558	83	3206962	62.622	ppbV	100
87)	o-xylene	17.558	91	4162452	61.121	ppbV	93
88)	1,2,3-trichloropropane	17.667	75	2792173	67.413	ppbV	98
89)	nonane	17.758	43	3670670	65.977	ppbV	98
91)	isopropylbenzene	18.067	105	6109323	62.234	ppbV	94
92)	bromobenzene	18.150	77	3619481	65.633	ppbV	99
93)	2-chlorotoluene	18.475	126	1941749	67.884	ppbV	90
94)	n-propylbenzene	18.500	120	2269029	67.677	ppbV	84
95)	4-chlorotoluene	18.533	126	1941433	67.833	ppbV	92
96)	4-ethyl toluene	18.617	105	6445956	61.987	ppbV	96
97)	1,3,5-trimethylbenzene	18.683	105	6105722	60.894	ppbV	96
98)	tert-butylbenzene	19.008	119	5063152	54.405	ppbV	91
99)	1,2,4-trimethylbenzene	19.017	105	4874791	55.646	ppbV	92
100)	decane	19.083	57	4559678	63.557	ppbV	99
101)	Benzyl Chloride	19.125	91	4195040	79.431	ppbV	94
102)	1,3-dichlorobenzene	19.142	146	3881034	59.611	ppbV	97
103)	1,4-dichlorobenzene	19.192	146	3742477	60.096	ppbV	98
104)	sec-butylbenzene	19.225	105	7576761	58.351	ppbV	93
105)	1,2,3-trimethylbenzene	19.350	105	4349345	56.519	ppbV	100
106)	p-isopropyltoluene	19.350	119	5856198M6	51.595	ppbV	
107)	1,2-dichlorobenzene	19.467	146	3662064	61.520	ppbV	99
108)	n-butylbenzene	19.683	91	5724053	60.632	ppbV	94
109)	indan	19.517	117	5169955	60.612	ppbV	99

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\
Data File : r322163.D
Acq On : 17 May 2022 3:19 AM
Operator : AIRPIANO3:TS
Sample : ITO15-LLSTD050
Misc : WG1639636
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 15:44:54 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 08:03:54 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\r322161.D
Sub List : Default - All compounds listed

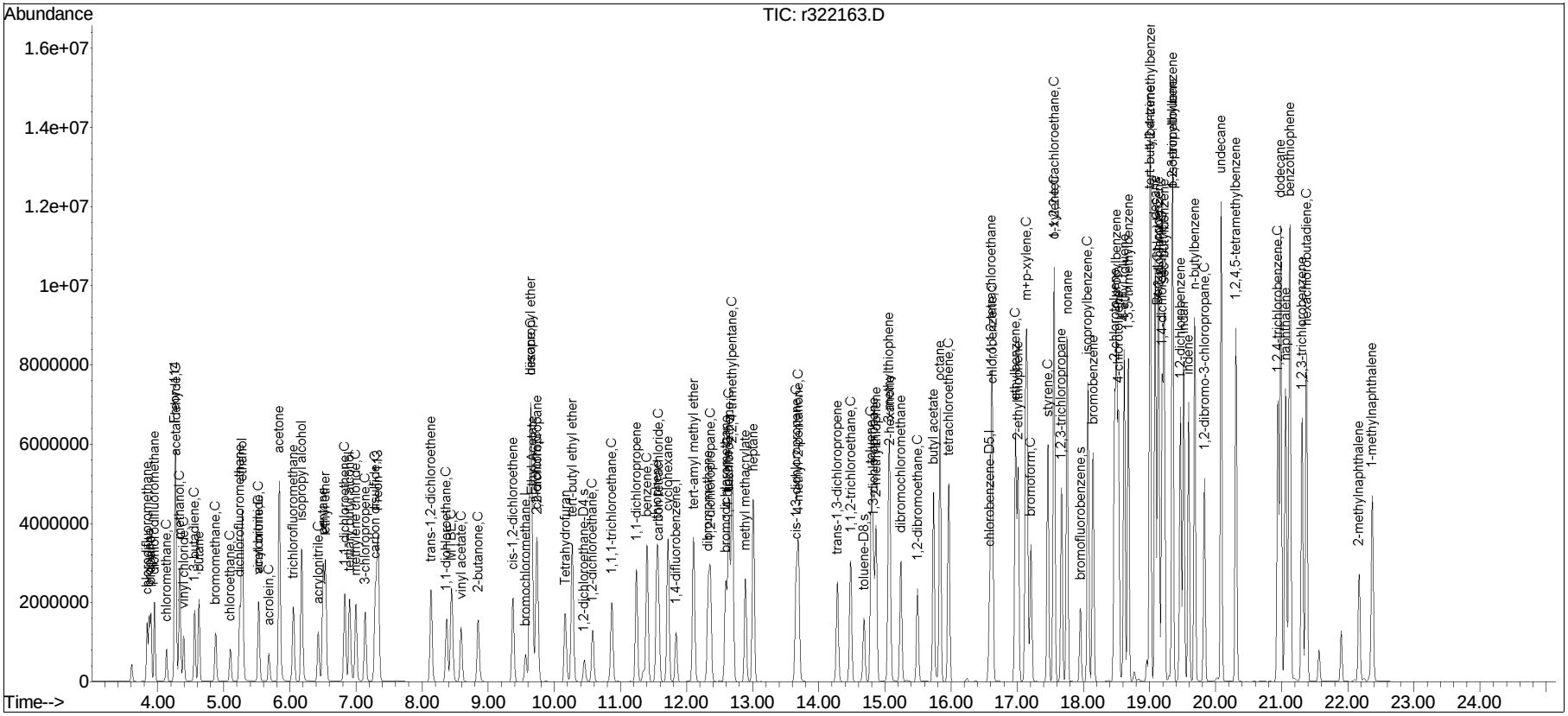
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
110) indene	19.592	115	4386855	64.694	ppbV	98
111) 1,2-dibromo-3-chloropr...	19.833	75	1578885	62.001	ppbV	93
112) undecane	20.083	57	5027054	60.276	ppbV	97
113) 1,2,4,5-tetramethylben...	20.308	119	5739197	74.244	ppbV	94
114) dodecane	20.983	57	4857318	53.481	ppbV	98
115) 1,2,4-trichlorobenzene	20.942	180	3117435	61.904	ppbV	98
116) naphthalene	21.058	128	7573396	58.031	ppbV	99
117) 1,2,3-trichlorobenzene	21.308	180	3019049	59.732	ppbV	99
118) benzothiophene	21.125	134	12289770	71.844	ppbV	97
119) hexachlorobutadiene	21.375	225	2443296	52.883	ppbV	94
120) 2-methylnaphthalene	22.167	142	2032788	100.477	ppbV	99
121) 1-methylnaphthalene	22.367	142	3542936	68.857	ppbV	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed22\05\0516T_I\r322161.D

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\
Data File : r322163.D
Acq On : 17 May 2022 3:19 AM
Operator : AIRPIANO3:TS
Sample : ITO15-LLSTD050
Misc : WG1639636
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 15:44:54 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 08:03:54 2022
Response via : Initial Calibration

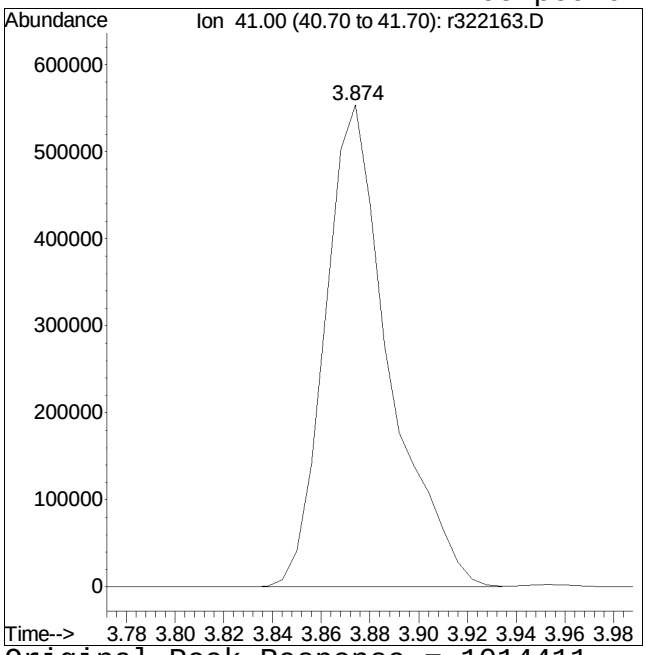


Manual Integration Report

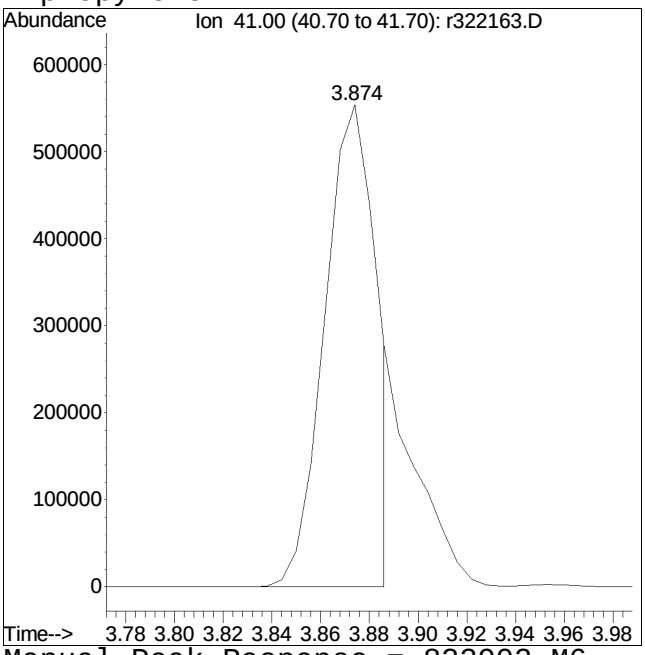
Data Path : O:\Forensics\Data\AirpianoQ
Data File : r322163.D
Date Inj'd : 5/17/2020 0:3: 9
Sample : ITO15-LLSTD050

Method : TFS3_220516.M
Operator : AIRPIANO3:TS
Instrument :
Quant Date : 5/17/2022 8:06 am

Compound #3: propylene



Original Peak Response = 1014411



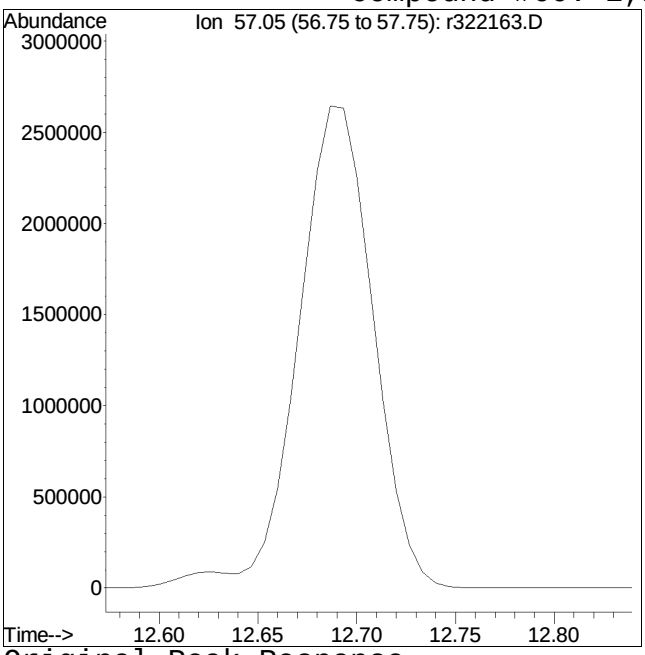
Manual Peak Response = 822902 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

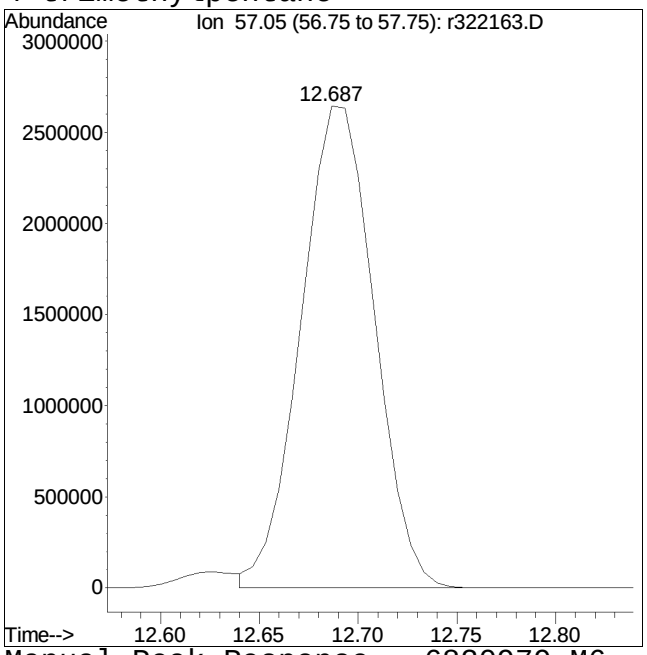
Manual Integration Report

Data Path : O:\Forensics\Data\AirpianoQMethod : TFS3_220516.M
Data File : r322163.D Operator : AIRPIANO3:TS
Date Inj'd : 5/17/2020 0:3: 9 Instrument :
Sample : ITO15-LLSTD050 Quant Date : 5/17/2022 8:06 am

Compound #60: 2,2,4-trimethylpentane



Original Peak Response =



Manual Peak Response = 6820979 M6

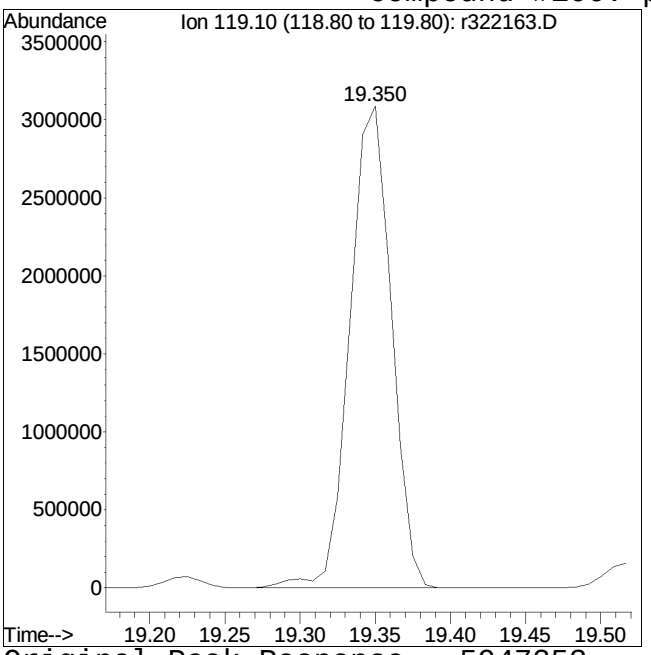
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

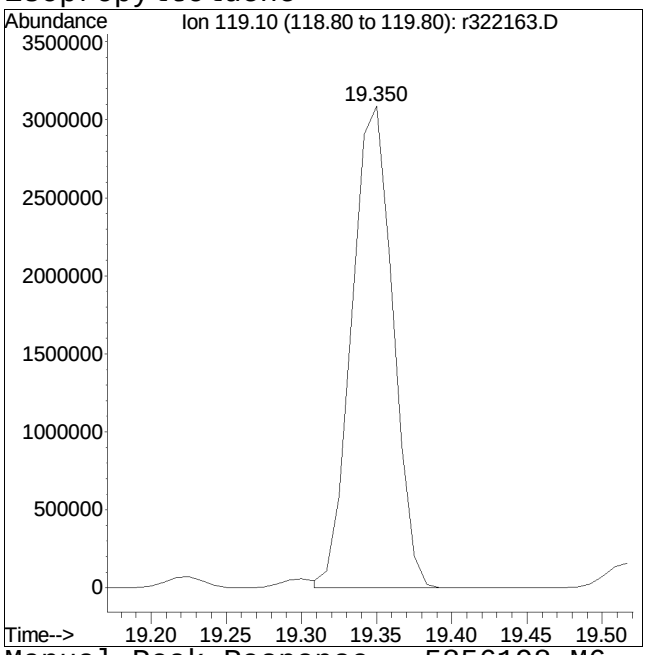
Data Path : O:\Forensics\Data\AirpianoQ
Data File : r322163.D
Date Inj'd : 5/17/2020 0:3: 9
Sample : ITO15-LLSTD050

Method : TFS3_220516.M
Operator : AIRPIANO3:TS
Instrument :
Quant Date : 5/17/2022 8:06 am

Compound #106: p-isopropyltoluene



Original Peak Response = 5947253



Manual Peak Response = 5856198 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\
Data File : r322164.D
Acq On : 17 May 2022 4:02 AM
Operator : AIRPIANO3:TS
Sample : ITO15-LLSTD100
Misc : WG1639636
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 15:51:21 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 08:03:54 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\r322161.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.567	49	504144	10.000	ppbV	0.00
Standard Area = 424706			Recovery = 118.70%			
43) 1,4-difluorobenzene	11.840	114	1439448	10.000	ppbV	0.00
Standard Area = 1294364			Recovery = 111.21%			
67) chlorobenzene-D5	16.575	54	217565	10.000	ppbV	0.00
Standard Area = 203329			Recovery = 107.00%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	10.450	65	409789	9.073	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 90.73%			
69) toluene-D8	14.683	98	1482017	10.547	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 105.47%			
90) bromofluorobenzene	17.950	95	961267	10.780	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 107.80%			
Target Compounds						Qvalue
2) chlorodifluoromethane	3.838	51	3060087	114.058	ppbV	97
3) propylene	3.874	41	1709048M6	122.341	ppbV	
4) propane	3.898	29	2360530	128.466	ppbV	97
5) dichlorodifluoromethane	3.952	85	3079843	91.945	ppbV	99
6) chloromethane	4.132	50	1668322	109.714	ppbV	98
7) Freon-114	4.258	85	4123050	95.298	ppbV	97
8) methanol	4.336	31	4554070	369.079	ppbV	95
9) vinyl chloride	4.396	62	2378367	118.102	ppbV	98
10) 1,3-butadiene	4.558	54	1865751	117.003	ppbV	97
11) butane	4.624	43	3191007	117.298	ppbV	99
12) acetaldehyde	4.276	29	3302646	396.282	ppbV #	77
13) bromomethane	4.876	94	1837224	115.163	ppbV	99
14) chloroethane	5.098	64	1284155	128.286	ppbV	100
15) ethanol	5.290	31	8093711	485.691	ppbV	87
16) dichlorofluoromethane	5.240	67	4071948	106.919	ppbV	99
17) vinyl bromide	5.530	106	1817989	118.532	ppbV	97
18) acrolein	5.680	56	1176340	120.515	ppbV #	94
19) acetone	5.843	43	9820166	482.063	ppbV #	91
20) acetonitrile	5.527	41	2007053	121.244	ppbV	97
21) trichlorofluoromethane	6.050	101	3303383	108.846	ppbV	100
22) isopropyl alcohol	6.183	45	8693444	313.703	ppbV #	97
23) acrylonitrile	6.430	53	2308780	141.375	ppbV	98
24) pentane	6.500	43	4896756	141.912	ppbV	98

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\
Data File : r322164.D
Acq On : 17 May 2022 4:02 AM
Operator : AIRPIANO3:TS
Sample : ITO15-LLSTD100
Misc : WG1639636
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 15:51:21 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 08:03:54 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\r322161.D
Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) ethyl ether	6.537	31	4614122	164.772	ppbV		97
26) 1,1-dichloroethene	6.830	61	3273102	125.955	ppbV		96
27) tertiary butyl alcohol	6.908	59	4942596	148.498	ppbV		94
28) methylene chloride	6.998	49	2619489	98.605	ppbV		93
29) 3-chloropropene	7.136	41	3301465	136.198	ppbV		95
30) carbon disulfide	7.292	76	7121611	120.691	ppbV		98
31) Freon 113	7.328	101	3876751	117.906	ppbV		97
32) trans-1,2-dichloroethene	8.133	61	3459948	130.762	ppbV		97
33) 1,1-dichloroethane	8.367	63	4201325	134.049	ppbV		98
34) MTBE	8.442	73	5920556	122.831	ppbV		94
35) vinyl acetate	8.592	43	5172821	151.987	ppbV		95
36) 2-butanone	8.850	43	4862098	126.296	ppbV		97
37) cis-1,2-dichloroethene	9.375	61	3100460	130.495	ppbV		97
38) Ethyl Acetate	9.675	61	978865	148.761	ppbV		64
39) chloroform	9.733	83	3732386	113.539	ppbV		97
40) Tetrahydrofuran	10.158	42	3126138	135.778	ppbV		99
41) 2,2-dichloropropane	9.742	77	3105915	115.821	ppbV	#	88
42) 1,2-dichloroethane	10.583	62	2241190	113.903	ppbV		94
44) hexane	9.633	57	4123304	124.469	ppbV		81
45) diisopropyl ether	9.642	87	2557032	140.803	ppbV		79
46) tert-butyl ethyl ether	10.267	59	7686031	135.709	ppbV		94
48) 1,1,1-trichloroethane	10.867	97	3142946	127.044	ppbV		97
49) 1,1-dichloropropene	11.240	75	3584840	133.312	ppbV		94
50) benzene	11.400	78	8019121	129.755	ppbV		99
51) thiophene	11.553	84	5138098	136.718	ppbV		98
52) carbon tetrachloride	11.573	117	2810656	115.550	ppbV		99
53) cyclohexane	11.720	56	4870380	145.696	ppbV		97
54) tert-amyl methyl ether	12.107	73	7201580	132.696	ppbV		98
55) dibromomethane	12.327	93	2220439	127.402	ppbV		99
56) 1,2-dichloropropane	12.360	63	2838778	142.252	ppbV	#	95
57) bromodichloromethane	12.593	83	4128315	127.598	ppbV		99
58) 1,4-dioxane	12.620	88	2009384	147.846	ppbV		94
59) trichloroethene	12.640	130	3360779	127.778	ppbV		98
60) 2,2,4-trimethylpentane	12.693	57	13018228	130.428	ppbV		98
61) methyl methacrylate	12.887	41	3091162	144.653	ppbV		95
62) heptane	13.013	43	4925861	132.940	ppbV		97
63) cis-1,3-dichloropropene	13.658	75	4113685	138.239	ppbV		95
64) 4-methyl-2-pentanone	13.692	43	5825451	130.212	ppbV		92
65) trans-1,3-dichloropropene	14.283	75	3855700	139.642	ppbV		96
66) 1,1,2-trichloroethane	14.483	97	2922429	135.398	ppbV		95

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\
Data File : r322164.D
Acq On : 17 May 2022 4:02 AM
Operator : AIRPIANO3:TS
Sample : ITO15-LLSTD100
Misc : WG1639636
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 15:51:21 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 08:03:54 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\r322161.D
Sub List : Default - All compounds listed

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
68)	toluene	14.792	91	8288443	127.618	ppbV		99
70)	2-methylthiophene	14.867	97	6944209	130.508	ppbV		99
71)	1,3-dichloropropane	14.825	76	4587252	133.819	ppbV		97
72)	2-hexanone	15.075	43	5367363	129.162	ppbV		95
73)	3-methylthiophene	15.058	97	6881901	126.532	ppbV		98
74)	dibromochloromethane	15.242	129	3892118	123.606	ppbV		97
75)	1,2-dibromoethane	15.492	107	4084653	125.707	ppbV		99
76)	butyl acetate	15.733	73	1518370	143.794	ppbV		91
77)	octane	15.833	85	4002018	139.248	ppbV		92
78)	tetrachloroethene	15.967	166	3921310	121.350	ppbV		97
79)	1,1,1,2-tetrachloroethane	16.608	131	2900300	117.229	ppbV		97
80)	chlorobenzene	16.625	112	6688743	116.634	ppbV		99
81)	ethylbenzene	16.975	91	9883670	123.582	ppbV		93
82)	2-ethylthiophene	17.017	97	7595805	120.701	ppbV		95
83)	m+p-xylene	17.142	91	14785867	220.510	ppbV		94
84)	bromoform	17.208	173	3646049	120.448	ppbV		97
85)	styrene	17.458	104	7471220	124.652	ppbV		97
86)	1,1,2,2-tetrachloroethane	17.558	83	5404880	105.542	ppbV		100
87)	o-xylene	17.558	91	6800881	99.865	ppbV		88
88)	1,2,3-trichloropropane	17.675	75	5301397	127.996	ppbV	#	95
89)	nonane	17.758	43	6832964	122.819	ppbV		96
91)	isopropylbenzene	18.067	105	10630061	108.287	ppbV		89
92)	bromobenzene	18.150	77	6577060	119.264	ppbV		97
93)	2-chlorotoluene	18.475	126	3642778	127.353	ppbV		75
94)	n-propylbenzene	18.500	120	4101712	122.341	ppbV		68
95)	4-chlorotoluene	18.533	126	3611144	126.175	ppbV		82
96)	4-ethyl toluene	18.617	105	11103480	106.777	ppbV		92
97)	1,3,5-trimethylbenzene	18.683	105	9109580	90.854	ppbV		91
98)	tert-butylbenzene	19.008	119	7923495	85.142	ppbV	#	86
99)	1,2,4-trimethylbenzene	19.017	105	7357736	83.990	ppbV		92
100)	decane	19.092	57	7700332	107.336	ppbV		93
101)	Benzyl Chloride	19.125	91	7051576	133.520	ppbV	#	88
102)	1,3-dichlorobenzene	19.142	146	6457705	99.188	ppbV		96
103)	1,4-dichlorobenzene	19.192	146	6454159	103.641	ppbV		96
104)	sec-butylbenzene	19.225	105	12209124	94.027	ppbV	#	85
105)	1,2,3-trimethylbenzene	19.358	105	6667105	86.639	ppbV		99
106)	p-isopropyltoluene	19.350	119	8912078M6	78.519	ppbV		
107)	1,2-dichlorobenzene	19.467	146	6495104	109.115	ppbV		97
108)	n-butylbenzene	19.683	91	9569551	101.367	ppbV	#	85
109)	indan	19.517	117	8575543	100.539	ppbV		97

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\
Data File : r322164.D
Acq On : 17 May 2022 4:02 AM
Operator : AIRPIANO3:TS
Sample : ITO15-LLSTD100
Misc : WG1639636
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 15:51:21 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 08:03:54 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\r322161.D
Sub List : Default - All compounds listed

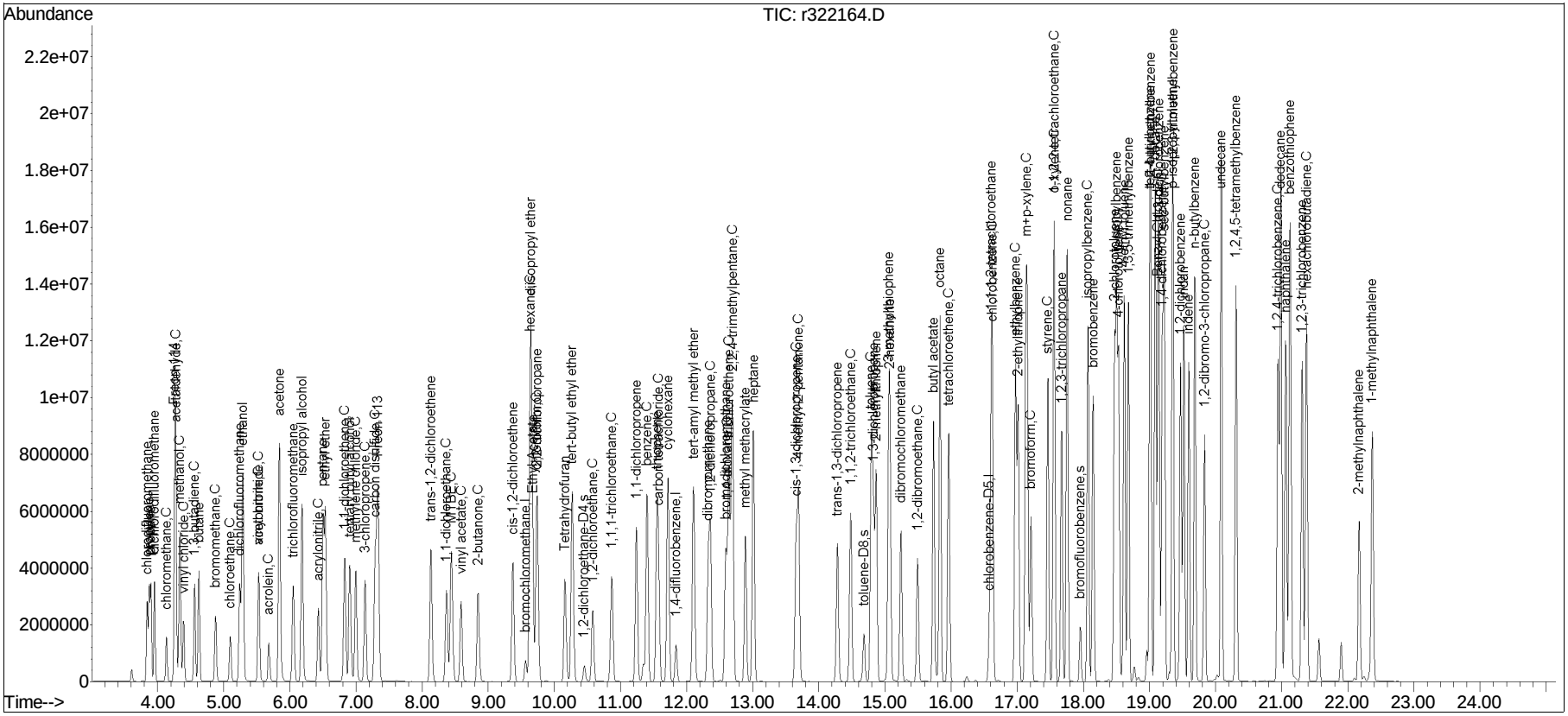
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
110) indene	19.592	115	7517413	110.862	ppbV		98
111) 1,2-dibromo-3-chloropr...	19.833	75	2679929	105.239	ppbV		88
112) undecane	20.083	57	8145884	97.673	ppbV	#	91
113) 1,2,4,5-tetramethylben...	20.308	119	9365886	121.161	ppbV		88
114) dodecane	20.983	57	8000283	88.087	ppbV		92
115) 1,2,4-trichlorobenzene	20.942	180	5568052	110.568	ppbV		98
116) naphthalene	21.058	128	13029701	99.841	ppbV		99
117) 1,2,3-trichlorobenzene	21.308	180	5434280	107.520	ppbV		98
118) benzothiophene	21.125	134	18505194	108.179	ppbV	#	95
119) hexachlorobutadiene	21.375	225	4067453	88.038	ppbV		90
120) 2-methylnaphthalene	22.167	142	4294546	212.275	ppbV		99
121) 1-methylnaphthalene	22.367	142	6839812	132.934	ppbV		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default - All compounds listed22\05\0516T_I\r322161.D

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\
Data File : r322164.D
Acq On : 17 May 2022 4:02 AM
Operator : AIRPIANO3:TS
Sample : ITO15-LLSTD100
Misc : WG1639636
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 15:51:21 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 08:03:54 2022
Response via : Initial Calibration

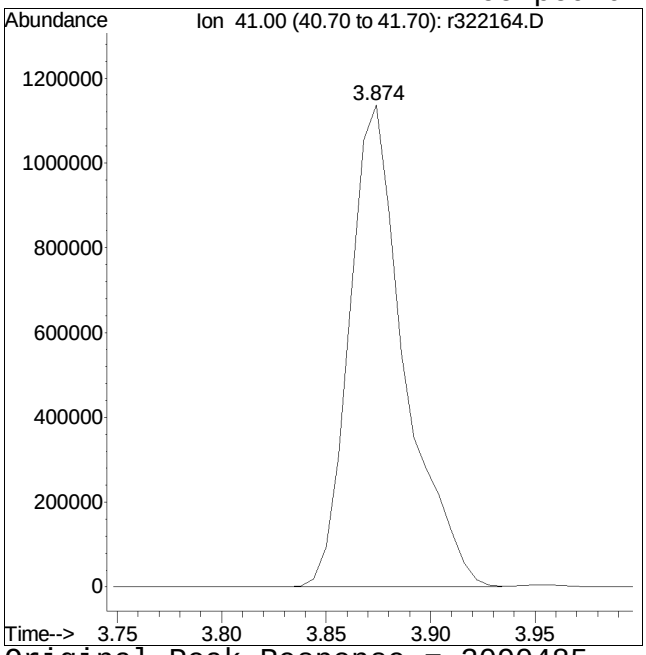


Manual Integration Report

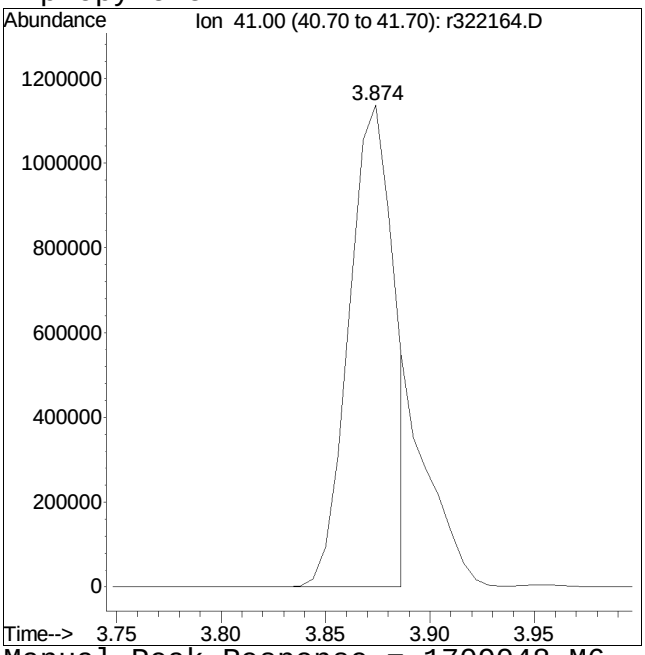
Data Path : O:\Forensics\Data\AirpianoQ
Data File : r322164.D
Date Inj'd : 5/17/2020 0:4: 2
Sample : ITO15-LLSTD100

Method : TFS3_220516.M
Operator : AIRPIANO3:TS
Instrument :
Quant Date : 5/17/2022 8:06 am

Compound #3: propylene



Original Peak Response = 2090485



Manual Peak Response = 1709048 M6

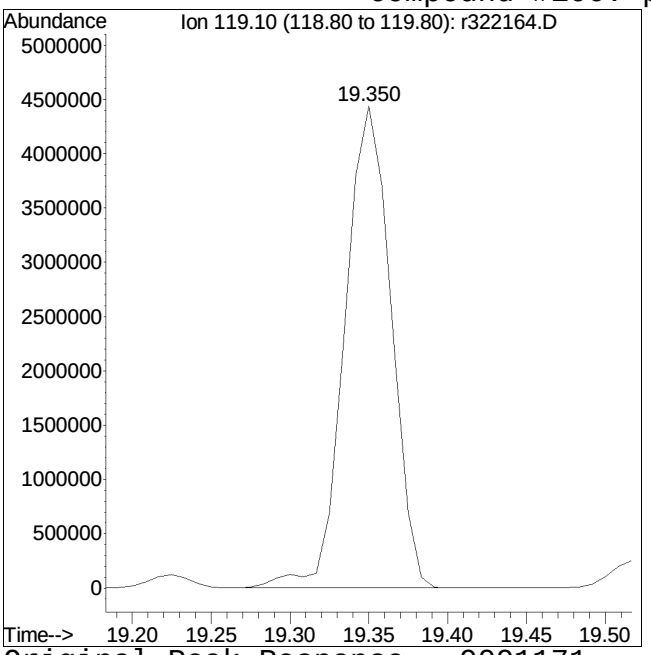
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

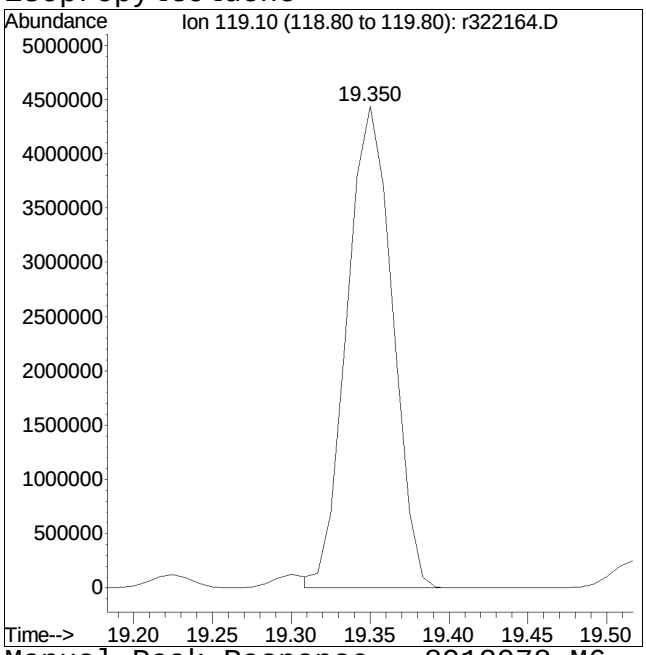
Data Path : O:\Forensics\Data\AirpianoQ
Data File : r322164.D
Date Inj'd : 5/17/2020 0:4: 2
Sample : ITO15-LLSTD100

Method : TFS3_220516.M
Operator : AIRPIANO3:TS
Instrument :
Quant Date : 5/17/2022 8:06 am

Compound #106: p-isopropyltoluene



Original Peak Response = 9091171



Manual Peak Response = 8912078 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Evaluate Continuing Calibration Report

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\
Data File : r322167.D
Acq On : 17 May 2022 11:14 AM
Operator : AIRPIANO3:TS
Sample : CTO15-LLSTD010
Misc : WG1639636
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 15:57:20 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	bromochloromethane	10.000	10.000	0.0	106	0.00
2		chlorodifluoromethane	10.000	9.918	0.8	128	0.00
3		propylene	10.000	12.213	-22.1	171	0.00
4		propane	10.000	10.688	-6.9	145	0.00
5		dichlorodifluoromethane	10.000	10.038	-0.4	126	0.00
6	C	chloromethane	10.000	10.213	-2.1	136	0.00
7		Freon-114	10.000	10.997	-10.0	139	0.00
8	C	methanol	50.000	36.586	26.8	82	0.00
9	C	vinyl chloride	10.000	11.429	-14.3	149	0.00
10	C	1,3-butadiene	10.000	11.367	-13.7	151	0.00
11		butane	10.000	9.952	0.5	140	0.00
13	C	bromomethane	10.000	11.348	-13.5	149	0.00
14	C	chloroethane	10.000	11.637	-16.4	156	0.00
15		ethanol	50.000	48.375	3.3	120	0.00
16		dichlorofluoromethane	10.000	11.003	-10.0	135	0.00
17	C	vinyl bromide	10.000	11.320	-13.2	148	0.00
18	C	acrolein	10.000	6.973	30.3#	130	0.00
19		acetone	50.000	51.383	-2.8	148	0.00
20	C	acetonitrile	10.000	9.595	4.0	145	0.00
21		trichlorofluoromethane	10.000	11.338	-13.4	143	0.00
22		isopropyl alcohol	25.000	31.068	-24.3	158	0.00
23	C	acrylonitrile	10.000	11.534	-15.3	157	0.00
24		pentane	10.000	11.005	-10.1	152	0.00
25		ethyl ether	10.000	13.634	-36.3#	192	0.00
26	C	1,1-dichloroethene	10.000	12.387	-23.9	162	0.00
27		tertiary butyl alcohol	10.000	12.472	-24.7	165	-0.01
28	C	methylene chloride	10.000	9.541	4.6	120	0.00
29	C	3-chloropropene	10.000	13.085	-30.9#	173	0.00
30	C	carbon disulfide	10.000	10.937	-9.4	142	0.00
31		Freon 113	10.000	11.870	-18.7	155	0.00
32		trans-1,2-dichloroethene	10.000	12.241	-22.4	161	0.00
33	C	1,1-dichloroethane	10.000	12.531	-25.3	167	0.00
34	C	MTBE	10.000	11.646	-16.5	151	0.00
35	C	vinyl acetate	10.000	10.897	-9.0	153	0.00
36	C	2-butanone	10.000	10.773	-7.7	149	-0.02
37		cis-1,2-dichloroethene	10.000	12.704	-27.0	166	0.00
38		Ethyl Acetate	10.000	13.227	-32.3#	175	0.00
39	C	chloroform	10.000	11.978	-19.8	153	0.00
40		Tetrahydrofuran	10.000	11.562	-15.6	155	0.00

Evaluate Continuing Calibration Report

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\
Data File : r322167.D
Acq On : 17 May 2022 11:14 AM
Operator : AIRPIANO3:TS
Sample : CTO15-LLSTD010
Misc : WG1639636
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 15:57:20 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		2,2-dichloropropane	10.000	10.855	-8.6	135	0.00
42	C	1,2-dichloroethane	10.000	10.852	-8.5	144	0.00
43	I	1,4-difluorobenzene	10.000	10.000	0.0	106	0.00
44	C	hexane	10.000	12.332	-23.3	161	0.00
45		diisopropyl ether	10.000	11.700	-17.0	155	0.00
46		tert-butyl ethyl ether	10.000	11.926	-19.3	154	0.00
47	s	1,2-dichloroethane-D4	10.000	9.505	4.9	98	0.00
48	C	1,1,1-trichloroethane	10.000	11.640	-16.4	154	0.00
49		1,1-dichloropropene	10.000	11.193	-11.9	146	0.00
50	C	benzene	10.000	10.446	-4.5	151	0.00
52	C	carbon tetrachloride	10.000	11.593	-15.9	145	0.00
53		cyclohexane	10.000	12.596	-26.0	170	0.00
54		tert-amyl methyl ether	10.000	10.991	-9.9	143	0.00
55		dibromomethane	10.000	11.302	-13.0	153	0.00
56	C	1,2-dichloropropane	10.000	12.626	-26.3	170	0.00
57		bromodichloromethane	10.000	12.088	-20.9	157	-0.01
58	C	1,4-dioxane	10.000	12.934	-29.3	173	-0.01
59	C	trichloroethene	10.000	12.061	-20.6	157	0.00
60	C	2,2,4-trimethylpentane	10.000	12.684	-26.8	170	0.00
61		methyl methacrylate	10.000	12.136	-21.4	162	-0.01
62		heptane	10.000	11.497	-15.0	155	0.00
63	C	cis-1,3-dichloropropene	10.000	12.582	-25.8	161	0.00
64	C	4-methyl-2-pentanone	10.000	11.838	-18.4	152	-0.02
65		trans-1,3-dichloropropene	10.000	11.018	-10.2	137	0.00
66	C	1,1,2-trichloroethane	10.000	12.406	-24.1	164	-0.02
67	I	chlorobenzene-D5	10.000	10.000	0.0	104	0.00
68	C	toluene	10.000	12.407	-24.1	162	0.00
69	s	toluene-D8	10.000	10.312	-3.1	107	0.00
71		1,3-dichloropropane	10.000	10.716	-7.2	140	0.00
72		2-hexanone	10.000	11.851	-18.5	146	0.00
74		dibromochloromethane	10.000	13.006	-30.1#	162	0.00
75	C	1,2-dibromoethane	10.000	11.822	-18.2	149	0.00
76		butyl acetate	10.000	11.378	-13.8	139	0.00
77		octane	10.000	11.656	-16.6	151	0.00
78	C	tetrachloroethene	10.000	12.267	-22.7	156	0.00
79		1,1,1,2-tetrachloroethane	10.000	12.032	-20.3	148	0.00
80	C	chlorobenzene	10.000	11.903	-19.0	151	0.00

Evaluate Continuing Calibration Report

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\
Data File : r322167.D
Acq On : 17 May 2022 11:14 AM
Operator : AIRPIANO3:TS
Sample : CTO15-LLSTD010
Misc : WG1639636
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 15:57:20 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	C	ethylbenzene	10.000	12.855	-28.6	164	0.00
83	C	m+p-xylene	20.000	25.675	-28.4	159	0.00
84	C	bromoform	10.000	13.263	-32.6#	160	0.00
85	C	styrene	10.000	11.999	-20.0	148	0.00
86	C	1,1,2,2-tetrachloroethane	10.000	13.189	-31.9#	159	0.00
87	C	o-xylene	10.000	12.934	-29.3	158	0.00
88		1,2,3-trichloropropane	10.000	10.926	-9.3	139	0.00
89		nonane	10.000	10.880	-8.8	139	0.00
90	s	bromofluorobenzene	10.000	10.283	-2.8	106	0.00
91	C	isopropylbenzene	10.000	11.413	-14.1	143	0.00
92		bromobenzene	10.000	11.260	-12.6	142	0.00
93		2-chlorotoluene	10.000	11.528	-15.3	146	0.00
94		n-propylbenzene	10.000	11.845	-18.5	148	0.00
95		4-chlorotoluene	10.000	11.658	-16.6	146	0.00
96		4-ethyl toluene	10.000	11.818	-18.2	144	0.00
97		1,3,5-trimethylbenzene	10.000	11.167	-11.7	129	0.00
98		tert-butylbenzene	10.000	12.059	-20.6	142	0.00
99		1,2,4-trimethylbenzene	10.000	12.658	-26.6	146	0.00
100		decane	10.000	12.456	-24.6	151	0.00
101	C	Benzyl Chloride	10.000	15.796	-58.0#	171	0.00
102		1,3-dichlorobenzene	10.000	12.217	-22.2	144	0.00
103	C	1,4-dichlorobenzene	10.000	12.308	-23.1	147	0.00
104		sec-butylbenzene	10.000	11.413	-14.1	136	0.00
106		p-isopropyltoluene	10.000	11.805	-18.0	135	0.00
107		1,2-dichlorobenzene	10.000	12.299	-23.0	148	0.00
108		n-butylbenzene	10.000	12.890	-28.9	152	0.00
111	C	1,2-dibromo-3-chloropropane	10.000	11.943	-19.4	132	0.00
112		undecane	10.000	12.898	-29.0	148	0.00
114		dodecane	10.000	12.649	-26.5	133	0.00
115	C	1,2,4-trichlorobenzene	10.000	12.886	-28.9	145	0.00
116		naphthalene	10.000	12.703	-27.0	142	0.00
117		1,2,3-trichlorobenzene	10.000	12.296	-23.0	140	0.00
119	C	hexachlorobutadiene	10.000	12.495	-24.9	144	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 5

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\
Data File : r322167.D
Acq On : 17 May 2022 11:14 AM
Operator : AIRPIANO3:TS
Sample : CTO15-LLSTD010
Misc : WG1639636
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 15:57:20 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\r322161.D
Sub List : Default-ICV-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.558	49	451482	10.000	ppbV	0.00
Standard Area = 424706			Recovery = 106.30%			
43) 1,4-difluorobenzene	11.833	114	1367867	10.000	ppbV	0.00
Standard Area = 1294364			Recovery = 105.68%			
67) chlorobenzene-D5	16.575	54	211425	10.000	ppbV	0.00
Standard Area = 203329			Recovery = 103.98%			
System Monitoring Compounds						
47) 1,2-dichloroethane-D4	10.442	65	398852	9.505	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 95.05%			
69) toluene-D8	14.675	98	1407701	10.312	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.12%			
90) bromofluorobenzene	17.950	95	884318	10.283	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.83%			
Target Compounds						Qvalue
2) chlorodifluoromethane	3.844	51	290296	9.918	ppbV	97
3) propylene	3.874	41	201379M6	12.213	ppbV	
4) propane	3.898	29	224389	10.688	ppbV	97
5) dichlorodifluoromethane	3.952	85	356453	10.038	ppbV	99
6) chloromethane	4.138	50	174347	10.213	ppbV	99
7) Freon-114	4.264	85	507537	10.997	ppbV	98
8) methanol	4.330	31	426726	36.586	ppbV	95
9) vinyl chloride	4.396	62	252277	11.429	ppbV	99
10) 1,3-butadiene	4.558	54	202361	11.367	ppbV	97
11) butane	4.624	43	321738	9.952	ppbV	99
13) bromomethane	4.876	94	200263	11.348	ppbV	99
14) chloroethane	5.098	64	131499	11.637	ppbV	100
15) ethanol	5.270	31	839094	48.375	ppbV	95
16) dichlorofluoromethane	5.240	67	431972	11.003	ppbV	99
17) vinyl bromide	5.527	106	190750	11.320	ppbV	97
18) acrolein	5.680	56	107250	6.973	ppbV	96
19) acetone	5.837	43	1270875	51.383	ppbV	95
20) acetonitrile	5.520	41	201780	9.595	ppbV	99
21) trichlorofluoromethane	6.050	101	366155	11.338	ppbV	98
22) isopropyl alcohol	6.170	45	924655	31.068	ppbV	98
23) acrylonitrile	6.423	53	215996	11.534	ppbV	98
24) pentane	6.500	43	442183	11.005	ppbV	99
25) ethyl ether	6.537	31	453684	13.634	ppbV	94

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\
Data File : r322167.D
Acq On : 17 May 2022 11:14 AM
Operator : AIRPIANO3:TS
Sample : CTO15-LLSTD010
Misc : WG1639636
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 15:57:20 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\r322161.D
Sub List : Default-ICV-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
26) 1,1-dichloroethene	6.824	61	354572	12.387	ppbV	98
27) tertiary butyl alcohol	6.896	59	461863	12.472	ppbV	94
28) methylene chloride	6.992	49	268766	9.541	ppbV	93
29) 3-chloropropene	7.136	41	352815	13.085	ppbV	96
30) carbon disulfide	7.286	76	705999	10.937	ppbV	97
31) Freon 113	7.328	101	428538	11.870	ppbV	98
32) trans-1,2-dichloroethene	8.133	61	358361	12.241	ppbV	99
33) 1,1-dichloroethane	8.367	63	439776	12.531	ppbV	100
34) MTBE	8.442	73	611236	11.646	ppbV	95
35) vinyl acetate	8.583	43	437542	10.897	ppbV	97
36) 2-butanone	8.842	43	484505	10.773	ppbV	98
37) cis-1,2-dichloroethene	9.367	61	331952	12.704	ppbV	99
38) Ethyl Acetate	9.667	61	96887	13.227	ppbV	74
39) chloroform	9.717	83	423238	11.978	ppbV	97
40) Tetrahydrofuran	10.167	42	300142	11.562	ppbV	99
41) 2,2-dichloropropane	9.733	77	304689	10.855	ppbV	94
42) 1,2-dichloroethane	10.567	62	239467	10.852	ppbV	98
44) hexane	9.633	57	480838	12.332	ppbV	91
45) diisopropyl ether	9.633	87	253651	11.700	ppbV	86
46) tert-butyl ethyl ether	10.267	59	783769	11.926	ppbV	100
48) 1,1,1-trichloroethane	10.858	97	343438	11.640	ppbV	99
49) 1,1-dichloropropene	11.233	75	353500	11.193	ppbV	99
50) benzene	11.393	78	836469	10.446	ppbV	99
52) carbon tetrachloride	11.567	117	317442	11.593	ppbV	98
53) cyclohexane	11.713	56	510803	12.596	ppbV	97
54) tert-amyl methyl ether	12.100	73	698306	10.991	ppbV	98
55) dibromomethane	12.320	93	239217	11.302	ppbV	97
56) 1,2-dichloropropane	12.353	63	304753	12.626	ppbV	97
57) bromodichloromethane	12.580	83	458000	12.088	ppbV	99
58) 1,4-dioxane	12.620	88	211560	12.934	ppbV	98
59) trichloroethene	12.633	130	371858	12.061	ppbV	99
60) 2,2,4-trimethylpentane	12.680	57	1528565M6	12.684	ppbV	
61) methyl methacrylate	12.880	41	312153	12.136	ppbV	97
62) heptane	13.000	43	516661	11.497	ppbV	94
63) cis-1,3-dichloropropene	13.650	75	431360	12.582	ppbV	98
64) 4-methyl-2-pentanone	13.683	43	609479	11.838	ppbV	93
65) trans-1,3-dichloropropene	14.275	75	340456	11.018	ppbV	99
66) 1,1,2-trichloroethane	14.467	97	318208	12.406	ppbV	99
68) toluene	14.783	91	985428	12.407	ppbV	99
71) 1,3-dichloropropane	14.817	76	447368	10.716	ppbV	99

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\
Data File : r322167.D
Acq On : 17 May 2022 11:14 AM
Operator : AIRPIANO3:TS
Sample : CTO15-LLSTD010
Misc : WG1639636
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 15:57:20 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\r322161.D
Sub List : Default-ICV-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
72) 2-hexanone	15.067	43	566460	11.851	ppbV	94
74) dibromochloromethane	15.233	129	475855	13.006	ppbV	99
75) 1,2-dibromoethane	15.483	107	452132	11.822	ppbV	100
76) butyl acetate	15.733	73	137448	11.378	ppbV	90
77) octane	15.825	85	405607	11.656	ppbV	93
78) tetrachloroethene	15.958	166	472009	12.267	ppbV	99
79) 1,1,1,2-tetrachloroethane	16.600	131	342374	12.032	ppbV	98
80) chlorobenzene	16.617	112	811487	11.903	ppbV	99
81) ethylbenzene	16.967	91	1225047	12.855	ppbV	94
83) m+p-xylene	17.133	91	1998670	25.675	ppbV	95
84) bromoform	17.200	173	451426	13.263	ppbV	99
85) styrene	17.458	104	831197	11.999	ppbV	99
86) 1,1,2,2-tetrachloroethane	17.550	83	762200	13.189	ppbV	100
87) o-xylene	17.550	91	1003666	12.934	ppbV	96
88) 1,2,3-trichloropropane	17.667	75	536797	10.926	ppbV	98
89) nonane	17.750	43	724724	10.880	ppbV	92
91) isopropylbenzene	18.067	105	1309861	11.413	ppbV	96
92) bromobenzene	18.142	77	732118	11.260	ppbV	96
93) 2-chlorotoluene	18.467	126	389228	11.528	ppbV	91
94) n-propylbenzene	18.492	120	464781	11.845	ppbV	97
95) 4-chlorotoluene	18.525	126	391102	11.658	ppbV	96
96) 4-ethyl toluene	18.617	105	1395659	11.818	ppbV	97
97) 1,3,5-trimethylbenzene	18.675	105	1207736	11.167	ppbV	95
98) tert-butylbenzene	19.000	119	1233791	12.059	ppbV	100
99) 1,2,4-trimethylbenzene	19.008	105	1199278	12.658	ppbV	95
100) decane	19.075	57	1011247	12.456	ppbV	92
101) Benzyl Chloride	19.117	91	845699	15.796	ppbV	100
102) 1,3-dichlorobenzene	19.133	146	874109	12.217	ppbV	98
103) 1,4-dichlorobenzene	19.183	146	856245	12.308	ppbV	98
104) sec-butylbenzene	19.217	105	1654846	11.413	ppbV	98
106) p-isopropyltoluene	19.342	119	1429233	11.805	ppbV	98
107) 1,2-dichlorobenzene	19.458	146	823459	12.299	ppbV	96
108) n-butylbenzene	19.683	91	1337083	12.890	ppbV	96
111) 1,2-dibromo-3-chloropr...	19.825	75	314715	11.943	ppbV	92
112) undecane	20.075	57	1156520	12.898	ppbV	94
114) dodecane	20.983	57	1130951	12.649	ppbV	94
115) 1,2,4-trichlorobenzene	20.933	180	681731	12.886	ppbV	98
116) naphthalene	21.050	128	1737847	12.703	ppbV	99
117) 1,2,3-trichlorobenzene	21.300	180	660283	12.296	ppbV	98
119) hexachlorobutadiene	21.367	225	620192	12.495	ppbV	98

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\
Data File : r322167.D
Acq On : 17 May 2022 11:14 AM
Operator : AIRPIANO3:TS
Sample : CTO15-LLSTD010
Misc : WG1639636
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 15:57:20 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\r322161.D
Sub List : Default-ICV-AP2 - All compounds listed

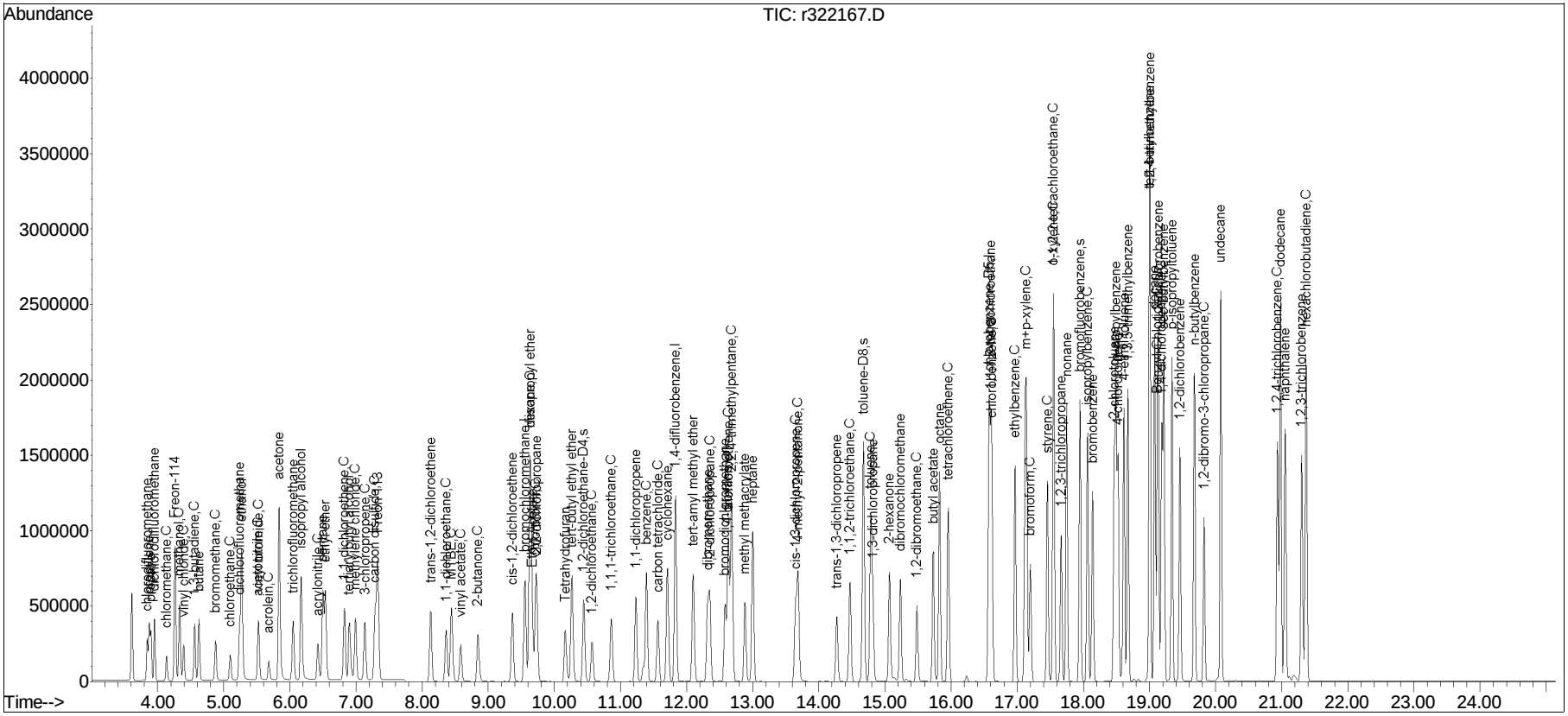
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default-ICV-AP2 - All compounds listed16T_I\r322161.D

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\
Data File : r322167.D
Acq On : 17 May 2022 11:14 AM
Operator : AIRPIANO3:TS
Sample : CTO15-LLSTD010
Misc : WG1639636
ALS Vial : 0 Sample Multiplier: 1

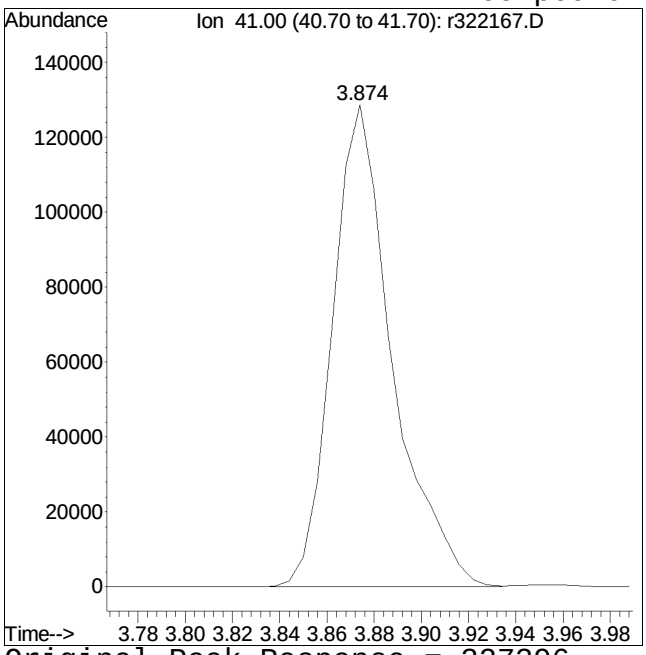
Quant Time: May 17 15:57:20 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516T_I\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration



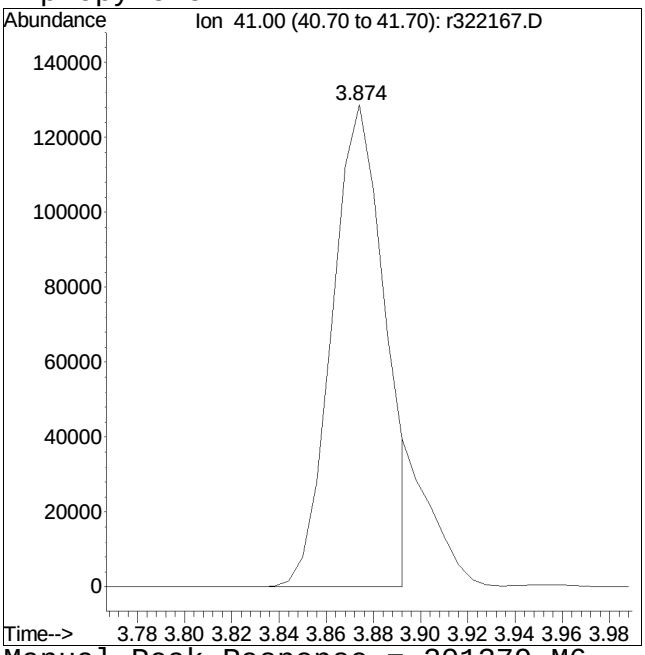
Manual Integration Report

Data Path : O:\Forensics\Data\AirpianoQMethod : TFS3_220516.M
Data File : r322167.D Operator : AIRPIANO3:TS
Date Inj'd : 5/17/2020 0:1: 4 Instrument :
Sample : CTO15-LLSTD010 Quant Date : 5/17/2022 3:56 pm

Compound #3: propylene



Original Peak Response = 227396



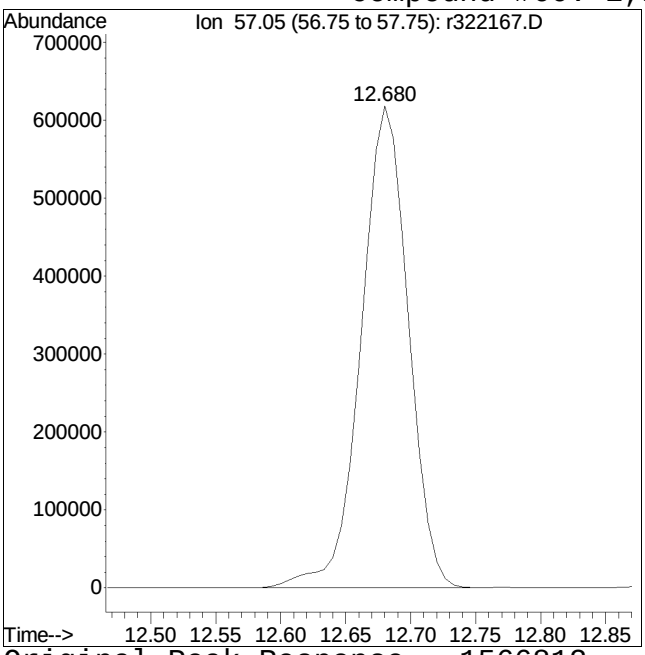
Manual Peak Response = 201379 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

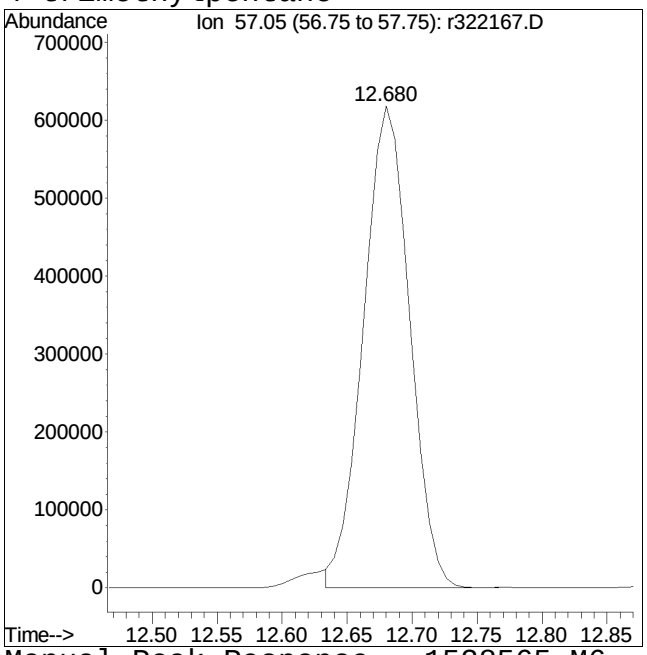
Manual Integration Report

Data Path : O:\Forensics\Data\AirpianoQMethod : TFS3_220516.M
Data File : r322167.D Operator : AIRPIANO3:TS
Date Inj'd : 5/17/2020 0:1: 4 Instrument :
Sample : CTO15-LLSTD010 Quant Date : 5/17/2022 3:56 pm

Compound #60: 2,2,4-trimethylpentane



Original Peak Response = 1566812



Manual Peak Response = 1528565 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Continuing Calibration

Calibration Verification Summary
Form 7
Air Volatiles

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590	
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503	
Instrument ID	: AIRPIANO3	**Calibration Date**	: 05/18/22 13:48	
Lab File ID	: R322194	**Init. Calib. Date(s)**	: 05/16/22	05/17/22
Sample No	: WG1640147-2	**Init. Calib. Times**	: 23:12	04:02
Channel	:			

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
bromochloromethane	1	1	-	0	30	104	-.03
chlorodifluoromethane	0.648	0.671	-	-3.5	30	132	-.02
propylene	0.365	0.418	-	-14.5	30	157	-.02
propane	0.465	0.464	-	0.2	30	133	-.01
dichlorodifluoromethane	0.787	0.895	-	-13.7	30	141	-.01
chloromethane	0.378	0.417	-	-10.3	30	144	-.02
Freon-114	1.022	1.206	-	-18	30	147	-.02
methanol	0.258	0.199	-	22.9	30	85	-.02
vinyl chloride	0.489	0.566	-	-15.7	30	148	-.02
1,3-butadiene	0.394	0.477	-	-21.1	30	157	-.02
butane	0.716	0.725	-	-1.3	30	140	-.02
bromomethane	0.391	0.452	-	-15.6	30	149	-.02
chloroethane	0.25	0.285	-	-14	30	150	-.02
ethanol	0.384	0.441	-	-14.8	30	139	-.02
dichlorofluoromethane	0.87	1.015	-	-16.7	30	140	-.02
vinyl bromide	0.373	0.427	-	-14.5	30	147	-.02
acrolein	0.341	0.247	-	27.6	30	133	-.02
acetone	0.548	0.611	-	-11.5	30	158	-.03
acetonitrile	0.466	0.426	-	8.6	30	135	-.02
trichlorofluoromethane	0.715	0.863	-	-20.7	30	150	-.02
isopropyl alcohol	0.659	0.85	-	-29	30	161	-.03
acrylonitrile	0.415	0.45	-	-8.4	30	145	-.03
pentane	0.89	0.951	-	-6.9	30	145	-.02
ethyl ether	0.737	0.747	-	-1.4	30	140	-.02
1,1-dichloroethene	0.634	0.74	-	-16.7	30	150	-.02
tertiary butyl alcohol	0.82	0.982	-	-19.8	30	155	-.03
methylene chloride	0.624	0.606	-	2.9	30	120	-.02
3-chloropropene	0.597	0.757	-	-26.8	30	164	-.03
carbon disulfide	1.43	1.574	-	-10.1	30	140	-.02
Freon 113	0.8	0.948	-	-18.5	30	152	-.03
trans-1,2-dichloroethene	0.648	0.72	-	-11.1	30	143	-.03
1,1-dichloroethane	0.777	0.882	-	-13.5	30	148	-.03
MTBE	1.163	1.398	-	-20.2	30	153	-.02
vinyl acetate	0.889	0.97	-	-9.1	30	150	-.03
2-butanone	0.996	1.08	-	-8.4	30	148	-.03
cis-1,2-dichloroethene	0.579	0.672	-	-16.1	30	149	-.03
Ethyl Acetate	0.162	0.192	-	-18.5	30	154	-.03
chloroform	0.783	0.937	-	-19.7	30	150	-.03
Tetrahydrofuran	0.575	0.647	-	-12.5	30	148	-.03
2,2-dichloropropane	0.622	0.73	-	-17.4	30	143	-.03
1,2-dichloroethane	0.489	0.543	-	-11	30	145	-.02
1,4-difluorobenzene	1	1	-	0	30	103	-.03
hexane	0.285	0.318	-	-11.6	30	143	-.03

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Air Volatiles

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590		
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503		
Instrument ID	: AIRPIANO3	**Calibration Date**	: 05/18/22 13:48		
Lab File ID	: R322194	**Init. Calib. Date(s)**	: 05/16/22	05/17/22	
Sample No	: WG1640147-2	**Init. Calib. Times**	: 23:12	04:02	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
diisopropyl ether	0.158	0.174	-	-10.1	30	142	-.03
tert-butyl ethyl ether	0.48	0.534	-	-11.3	30	140	-.03
1,1,1-trichloroethane	0.216	0.252	-	-16.7	30	152	-.03
1,1-dichloropropene	0.231	0.264	-	-14.3	30	146	-.03
benzene	0.585	0.597	-	-2.1	30	144	-.03
carbon tetrachloride	0.2	0.247	-	-23.5	30	151	-.03
cyclohexane	0.296	0.334	-	-12.8	30	149	-.03
tert-amyl methyl ether	0.464	0.518	-	-11.6	30	142	-.03
dibromomethane	0.155	0.165	-	-6.5	30	141	-.03
1,2-dichloropropane	0.176	0.2	-	-13.6	30	149	-.03
bromodichloromethane	0.277	0.33	-	-19.1	30	151	-.03
1,4-dioxane	0.12	0.141	-	-17.5	30	154	-.03
trichloroethene	0.225	0.263	-	-16.9	30	149	-.03
2,2,4-trimethylpentane	0.881	1.037	-	-17.7	30	154	-.02
methyl methacrylate	0.188	0.229	-	-21.8	30	159	-.03
heptane	0.329	0.38	-	-15.5	30	152	-.02
cis-1,3-dichloropropene	0.251	0.318	-	-26.7	30	159	-.03
4-methyl-2-pentanone	0.376	0.454	-	-20.7	30	151	-.03
trans-1,3-dichloropropene	0.226	0.256	-	-13.3	30	138	-.03
1,1,2-trichloroethane	0.188	0.221	-	-17.6	30	152	-.02
chlorobenzene-D5	1	1	-	0	30	102	-.02
toluene	3.757	4.294	-	-14.3	30	146	-.02
1,3-dichloropropane	1.975	2.155	-	-9.1	30	139	-.02
2-hexanone	2.261	2.735	-	-21	30	146	-.02
dibromochloromethane	1.73	2.221	-	-28.4	30	156	-.03
1,2-dibromoethane	1.809	2.174	-	-20.2	30	148	-.03
butyl acetate	0.571	0.653	-	-14.4	30	137	-.02
octane	1.646	1.798	-	-9.2	30	138	-.03
tetrachloroethene	1.82	2.162	-	-18.8	30	148	-.02
1,1,1,2-tetrachloroethane	1.346	1.59	-	-18.1	30	142	-.03
chlorobenzene	3.224	3.794	-	-17.7	30	146	-.02
ethylbenzene	4.507	5.356	-	-18.8	30	148	-.02
m+p-xylene	3.682	4.416	-	-19.9	30	146	-.02
bromoform	1.61	2.129	-	-32.2*	30	156	-.02
styrene	3.276	3.996	-	-22	30	148	-.02
1,1,2,2-tetrachloroethane	2.733	3.382	-	-23.7	30	146	-.02
o-xylene	3.67	4.508	-	-22.8	30	147	-.02
1,2,3-trichloropropane	2.324	2.58	-	-11	30	138	-.02
nonane	3.151	3.469	-	-10.1	30	138	-.02
isopropylbenzene	5.429	6.37	-	-17.3	30	144	-.02
bromobenzene	3.075	3.492	-	-13.6	30	140	-.02
2-chlorotoluene	1.597	1.774	-	-11.1	30	137	-.02
n-propylbenzene	1.856	2.132	-	-14.9	30	141	-.02

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Air Volatiles

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590		
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503		
Instrument ID	: AIRPIANO3	**Calibration Date**	: 05/18/22 13:48		
Lab File ID	: R322194	**Init. Calib. Date(s)**	: 05/16/22	05/17/22	
Sample No	: WG1640147-2	**Init. Calib. Times**	: 23:12	04:02	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
4-chlorotoluene	1.587	1.776	-	-11.9	30	137	-.02
4-ethyl toluene	5.586	6.774	-	-21.3	30	144	-.02
1,3,5-trimethylbenzene	5.116	5.855	-	-14.4	30	129	-.02
tert-butylbenzene	4.839	5.737	-	-18.6	30	136	-.02
1,2,4-trimethylbenzene	4.481	5.799	-	-29.4	30	147	-.02
decane	3.84	4.425	-	-15.2	30	137	-.02
Benzyl Chloride	2.532	3.759	-	-48.5*	30	158	-.02
1,3-dichlorobenzene	3.384	4.234	-	-25.1	30	144	-.02
1,4-dichlorobenzene	3.29	4.127	-	-25.4	30	147	-.02
sec-butylbenzene	6.858	8.018	-	-16.9	30	137	-.02
p-isopropyltoluene	5.726	6.677	-	-16.6	30	130	-.02
1,2-dichlorobenzene	3.167	3.934	-	-24.2	30	146	-.02
n-butylbenzene	4.906	6.016	-	-22.6	30	141	-.02
1,2-dibromo-3-chloropropan	1.246	1.591	-	-27.7	30	138	-.02
undecane	4.241	5.121	-	-20.7	30	136	-.02
dodecane	4.229	4.963	-	-17.4	30	121	-.02
1,2,4-trichlorobenzene	2.502	3.244	-	-29.7	30	143	-.02
naphthalene	6.471	8.05	-	-24.4	30	137	-.02
1,2,3-trichlorobenzene	2.54	3.134	-	-23.4	30	137	-.02
hexachlorobutadiene	2.348	3.02	-	-28.6	30	145	-.02

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Air Volatiles

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590		
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503		
Instrument ID	: AIRPIANO3	**Calibration Date**	: 05/19/22 14:23		
Lab File ID	: R322225	**Init. Calib. Date(s)**	: 05/16/22	05/17/22	
Sample No	: WG1640711-2	**Init. Calib. Times**	: 23:12	04:02	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
bromochloromethane	1	1	-	0	30	104	-.02
chlorodifluoromethane	0.648	0.702	-	-8.3	30	137	0
propylene	0.365	0.416	-	-14	30	155	0
propane	0.465	0.476	-	-2.4	30	135	0
dichlorodifluoromethane	0.787	0.844	-	-7.2	30	132	0
chloromethane	0.378	0.387	-	-2.4	30	133	-.01
Freon-114	1.022	1.125	-	-10.1	30	136	0
methanol	0.258	0.208	-	19.4	30	88	-.01
vinyl chloride	0.489	0.524	-	-7.2	30	136	0
1,3-butadiene	0.394	0.489	-	-24.1	30	160	-.01
butane	0.716	0.752	-	-5	30	144	0
bromomethane	0.391	0.418	-	-6.9	30	137	0
chloroethane	0.25	0.262	-	-4.8	30	137	0
ethanol	0.384	0.452	-	-17.7	30	142	0
dichlorofluoromethane	0.87	1.036	-	-19.1	30	142	-.01
vinyl bromide	0.373	0.436	-	-16.9	30	149	-.01
acrolein	0.341	0.259	-	24	30	138	-.01
acetone	0.548	0.672	-	-22.6	30	172	-.01
acetonitrile	0.466	0.446	-	4.3	30	141	-.01
trichlorofluoromethane	0.715	0.811	-	-13.4	30	140	-.01
isopropyl alcohol	0.659	0.867	-	-31.6*	30	163	-.02
acrylonitrile	0.415	0.468	-	-12.8	30	150	-.02
pentane	0.89	1	-	-12.4	30	151	0
ethyl ether	0.737	0.769	-	-4.3	30	143	-.01
1,1-dichloroethene	0.634	0.693	-	-9.3	30	139	-.01
tertiary butyl alcohol	0.82	1.007	-	-22.8	30	158	-.02
methylene chloride	0.624	0.571	-	8.5	30	112	-.01
3-chloropropene	0.597	0.778	-	-30.3*	30	168	-.02
carbon disulfide	1.43	1.616	-	-13	30	143	-.01
Freon 113	0.8	0.891	-	-11.4	30	142	-.01
trans-1,2-dichloroethene	0.648	0.732	-	-13	30	145	0
1,1-dichloroethane	0.777	0.831	-	-6.9	30	138	0
MTBE	1.163	1.444	-	-24.2	30	156	-.02
vinyl acetate	0.889	1.027	-	-15.5	30	158	-.02
2-butanone	0.996	1.126	-	-13.1	30	153	-.02
cis-1,2-dichloroethene	0.579	0.628	-	-8.5	30	138	-.02
Ethyl Acetate	0.162	0.196	-	-21	30	155	-.02
chloroform	0.783	0.875	-	-11.7	30	139	0
Tetrahydrofuran	0.575	0.67	-	-16.5	30	152	-.02
2,2-dichloropropane	0.622	0.781	-	-25.6	30	152	-.02
1,2-dichloroethane	0.489	0.514	-	-5.1	30	136	0
1,4-difluorobenzene	1	1	-	0	30	103	-.01
hexane	0.285	0.326	-	-14.4	30	146	-.02

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Air Volatiles

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590		
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503		
Instrument ID	: AIRPIANO3	**Calibration Date**	: 05/19/22 14:23		
Lab File ID	: R322225	**Init. Calib. Date(s)**	: 05/16/22	05/17/22	
Sample No	: WG1640711-2	**Init. Calib. Times**	: 23:12	04:02	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
diisopropyl ether	0.158	0.18	-	-13.9	30	147	0
tert-butyl ethyl ether	0.48	0.555	-	-15.6	30	145	-.02
1,1,1-trichloroethane	0.216	0.24	-	-11.1	30	144	0
1,1-dichloropropene	0.231	0.276	-	-19.5	30	152	-.01
benzene	0.585	0.557	-	4.8	30	134	-.01
carbon tetrachloride	0.2	0.235	-	-17.5	30	143	-.01
cyclohexane	0.296	0.344	-	-16.2	30	152	-.01
tert-amyl methyl ether	0.464	0.546	-	-17.7	30	149	-.01
dibromomethane	0.155	0.173	-	-11.6	30	147	-.01
1,2-dichloropropane	0.176	0.188	-	-6.8	30	139	-.01
bromodichloromethane	0.277	0.338	-	-22	30	155	-.01
1,4-dioxane	0.12	0.141	-	-17.5	30	154	-.01
trichloroethene	0.225	0.247	-	-9.8	30	139	-.01
2,2,4-trimethylpentane	0.881	1.06	-	-20.3	30	158	0
methyl methacrylate	0.188	0.242	-	-28.7	30	168	-.01
heptane	0.329	0.397	-	-20.7	30	159	0
cis-1,3-dichloropropene	0.251	0.299	-	-19.1	30	149	-.02
4-methyl-2-pentanone	0.376	0.47	-	-25	30	156	-.02
trans-1,3-dichloropropene	0.226	0.239	-	-5.8	30	128	-.02
1,1,2-trichloroethane	0.188	0.209	-	-11.2	30	144	-.02
chlorobenzene-D5	1	1	-	0	30	104	0
toluene	3.757	3.961	-	-5.4	30	137	0
1,3-dichloropropane	1.975	2.209	-	-11.8	30	145	-.02
2-hexanone	2.261	2.791	-	-23.4	30	151	0
dibromochloromethane	1.73	2.291	-	-32.4*	30	164	0
1,2-dibromoethane	1.809	2.034	-	-12.4	30	141	0
butyl acetate	0.571	0.679	-	-18.9	30	145	0
octane	1.646	1.83	-	-11.2	30	144	0
tetrachloroethene	1.82	1.98	-	-8.8	30	138	0
1,1,1,2-tetrachloroethane	1.346	1.639	-	-21.8	30	149	0
chlorobenzene	3.224	3.524	-	-9.3	30	139	-.02
ethylbenzene	4.507	4.942	-	-9.7	30	139	0
m+p-xylene	3.682	4.077	-	-10.7	30	137	0
bromoform	1.61	2.191	-	-36.1*	30	163	-.02
styrene	3.276	3.701	-	-13	30	139	0
1,1,2,2-tetrachloroethane	2.733	3.104	-	-13.6	30	137	0
o-xylene	3.67	4.19	-	-14.2	30	139	0
1,2,3-trichloropropane	2.324	2.653	-	-14.2	30	144	0
nonane	3.151	3.557	-	-12.9	30	144	0
isopropylbenzene	5.429	6.499	-	-19.7	30	149	0
bromobenzene	3.075	3.553	-	-15.5	30	145	0
2-chlorotoluene	1.597	1.817	-	-13.8	30	143	0
n-propylbenzene	1.856	2.16	-	-16.4	30	145	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Air Volatiles

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590		
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503		
Instrument ID	: AIRPIANO3	**Calibration Date**	: 05/19/22 14:23		
Lab File ID	: R322225	**Init. Calib. Date(s)**	: 05/16/22	05/17/22	
Sample No	: WG1640711-2	**Init. Calib. Times**	: 23:12	04:02	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
4-chlorotoluene	1.587	1.817	-	-14.5	30	143	0
4-ethyl toluene	5.586	6.876	-	-23.1	30	149	0
1,3,5-trimethylbenzene	5.116	5.441	-	-6.4	30	122	0
tert-butylbenzene	4.839	5.779	-	-19.4	30	140	0
1,2,4-trimethylbenzene	4.481	5.34	-	-19.2	30	137	0
decane	3.84	4.488	-	-16.9	30	141	0
Benzyl Chloride	2.532	3.813	-	-50.6*	30	163	0
1,3-dichlorobenzene	3.384	3.949	-	-16.7	30	137	-.02
1,4-dichlorobenzene	3.29	3.773	-	-14.7	30	137	0
sec-butylbenzene	6.858	8.243	-	-20.2	30	143	0
p-isopropyltoluene	5.726	6.761	-	-18.1	30	134	-.02
1,2-dichlorobenzene	3.167	3.635	-	-14.8	30	138	0
n-butylbenzene	4.906	6.146	-	-25.3	30	147	0
1,2-dibromo-3-chloropropan	1.246	1.652	-	-32.6*	30	146	0
undecane	4.241	5.194	-	-22.5	30	140	0
dodecane	4.229	5.234	-	-23.8	30	130	0
1,2,4-trichlorobenzene	2.502	3.115	-	-24.5	30	139	0
naphthalene	6.471	8.584	-	-32.7*	30	148	0
1,2,3-trichlorobenzene	2.54	3.351	-	-31.9*	30	149	0
hexachlorobutadiene	2.348	2.751	-	-17.2	30	134	0

* Value outside of QC limits.

Evaluate Continuing Calibration Report

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518T\
Data File : r322194.D
Acq On : 18 May 2022 1:48 PM
Operator : AIRPIANO3:TS
Sample : WG1640147-2,3,250,250
Misc : WG1640147,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 18 15:34:19 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	bromochloromethane	1.000	1.000	0.0	104	-0.03
2		chlorodifluoromethane	0.648	0.671	-3.5	132	-0.02
3		propylene	0.365	0.418	-14.5	157#	-0.02
4		propane	0.465	0.464	0.2	133	-0.01
5		dichlorodifluoromethane	0.787	0.895	-13.7	141#	-0.01
6	C	chloromethane	0.378	0.417	-10.3	144#	-0.02
7		Freon-114	1.022	1.206	-18.0	147#	-0.02
8	C	methanol	0.258	0.199	22.9	85	-0.02
9	C	vinyl chloride	0.489	0.566	-15.7	148#	-0.02
10	C	1,3-butadiene	0.394	0.477	-21.1	157#	-0.02
11		butane	0.716	0.725	-1.3	140#	-0.02
13	C	bromomethane	0.391	0.452	-15.6	149#	-0.02
14	C	chloroethane	0.250	0.285	-14.0	150#	-0.02
15		ethanol	0.384	0.441	-14.8	139	-0.02
16		dichlorofluoromethane	0.870	1.015	-16.7	140#	-0.02
17	C	vinyl bromide	0.373	0.427	-14.5	147#	-0.02
18	C	acrolein	0.341	0.247	27.6	133	-0.02
19		acetone	0.548	0.611	-11.5	158#	-0.03
20	C	acetonitrile	0.466	0.426	8.6	135	-0.02
21		trichlorofluoromethane	0.715	0.863	-20.7	150#	-0.02
22		isopropyl alcohol	0.659	0.850	-29.0	161#	-0.03
23	C	acrylonitrile	0.415	0.450	-8.4	145#	-0.03
24		pentane	0.890	0.951	-6.9	145#	-0.02
25		ethyl ether	0.737	0.747	-1.4	140#	-0.02
26	C	1,1-dichloroethene	0.634	0.740	-16.7	150#	-0.02
27		tertiary butyl alcohol	0.820	0.982	-19.8	155#	-0.03
28	C	methylene chloride	0.624	0.606	2.9	120	-0.02
29	C	3-chloropropene	0.597	0.757	-26.8	164#	-0.03
30	C	carbon disulfide	1.430	1.574	-10.1	140#	-0.02
31		Freon 113	0.800	0.948	-18.5	152#	-0.03
32		trans-1,2-dichloroethene	0.648	0.720	-11.1	143#	-0.03
33	C	1,1-dichloroethane	0.777	0.882	-13.5	148#	-0.03
34	C	MTBE	1.163	1.398	-20.2	153#	-0.02
35	C	vinyl acetate	0.889	0.970	-9.1	150#	-0.03
36	C	2-butanone	0.996	1.080	-8.4	148#	-0.03
37		cis-1,2-dichloroethene	0.579	0.672	-16.1	149#	-0.03
38		Ethyl Acetate	0.162	0.192	-18.5	154#	-0.03
39	C	chloroform	0.783	0.937	-19.7	150#	-0.03
40		Tetrahydrofuran	0.575	0.647	-12.5	148#	-0.03

Evaluate Continuing Calibration Report

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518T\
Data File : r322194.D
Acq On : 18 May 2022 1:48 PM
Operator : AIRPIANO3:TS
Sample : WG1640147-2,3,250,250
Misc : WG1640147,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 18 15:34:19 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		2,2-dichloropropane	0.622	0.730	-17.4	143#	-0.03
42	C	1,2-dichloroethane	0.489	0.543	-11.0	145#	-0.02
43	I	1,4-difluorobenzene	1.000	1.000	0.0	103	-0.03
44	C	hexane	0.285	0.318	-11.6	143#	-0.03
45		diisopropyl ether	0.158	0.174	-10.1	142#	-0.03
46		tert-butyl ethyl ether	0.480	0.534	-11.3	140#	-0.03
48	C	1,1,1-trichloroethane	0.216	0.252	-16.7	152#	-0.03
49		1,1-dichloropropene	0.231	0.264	-14.3	146#	-0.03
50	C	benzene	0.585	0.597	-2.1	144#	-0.03
52	C	carbon tetrachloride	0.200	0.247	-23.5	151#	-0.03
53		cyclohexane	0.296	0.334	-12.8	149#	-0.03
54		tert-amyl methyl ether	0.464	0.518	-11.6	142#	-0.03
55		dibromomethane	0.155	0.165	-6.5	141#	-0.03
56	C	1,2-dichloropropane	0.176	0.200	-13.6	149#	-0.03
57		bromodichloromethane	0.277	0.330	-19.1	151#	-0.03
58	C	1,4-dioxane	0.120	0.141	-17.5	154#	-0.03
59	C	trichloroethene	0.225	0.263	-16.9	149#	-0.03
60	C	2,2,4-trimethylpentane	0.881	1.037	-17.7	154#	-0.02
61		methyl methacrylate	0.188	0.229	-21.8	159#	-0.03
62		heptane	0.329	0.380	-15.5	152#	-0.02
63	C	cis-1,3-dichloropropene	0.251	0.318	-26.7	159#	-0.03
64	C	4-methyl-2-pentanone	0.376	0.454	-20.7	151#	-0.03
65		trans-1,3-dichloropropene	0.226	0.256	-13.3	138	-0.03
66	C	1,1,2-trichloroethane	0.188	0.221	-17.6	152#	-0.02
67	I	chlorobenzene-D5	1.000	1.000	0.0	102	-0.02
68	C	toluene	3.757	4.294	-14.3	146#	-0.02
71		1,3-dichloropropane	1.975	2.155	-9.1	139	-0.02
72		2-hexanone	2.261	2.735	-21.0	146#	-0.02
74		dibromochloromethane	1.730	2.221	-28.4	156#	-0.03
75	C	1,2-dibromoethane	1.809	2.174	-20.2	148#	-0.03
76		butyl acetate	0.571	0.653	-14.4	137	-0.02
77		octane	1.646	1.798	-9.2	138	-0.03
78	C	tetrachloroethene	1.820	2.162	-18.8	148#	-0.02
79		1,1,1,2-tetrachloroethane	1.346	1.590	-18.1	142#	-0.03
80	C	chlorobenzene	3.224	3.794	-17.7	146#	-0.02
81	C	ethylbenzene	4.507	5.356	-18.8	148#	-0.02
83	C	m+p-xylene	3.682	4.416	-19.9	146#	-0.02

Evaluate Continuing Calibration Report

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518T\
Data File : r322194.D
Acq On : 18 May 2022 1:48 PM
Operator : AIRPIANO3:TS
Sample : WG1640147-2,3,250,250
Misc : WG1640147,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 18 15:34:19 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
84	C	bromoform	1.610	2.129	-32.2#	156#	-0.02
85	C	styrene	3.276	3.996	-22.0	148#	-0.02
86	C	1,1,2,2-tetrachloroethane	2.733	3.382	-23.7	146#	-0.02
87	C	o-xylene	3.670	4.508	-22.8	147#	-0.02
88		1,2,3-trichloropropane	2.324	2.580	-11.0	138	-0.02
89		nonane	3.151	3.469	-10.1	138	-0.02
91	C	isopropylbenzene	5.429	6.370	-17.3	144#	-0.02
92		bromobenzene	3.075	3.492	-13.6	140#	-0.02
93		2-chlorotoluene	1.597	1.774	-11.1	137	-0.02
94		n-propylbenzene	1.856	2.132	-14.9	141#	-0.02
95		4-chlorotoluene	1.587	1.776	-11.9	137	-0.02
96		4-ethyl toluene	5.586	6.774	-21.3	144#	-0.02
97		1,3,5-trimethylbenzene	5.116	5.855	-14.4	129	-0.02
98		tert-butylbenzene	4.839	5.737	-18.6	136	-0.02
99		1,2,4-trimethylbenzene	4.481	5.799	-29.4	147#	-0.02
100		decane	3.840	4.425	-15.2	137	-0.02
101	C	Benzyl Chloride	2.532	3.759	-48.5#	158#	-0.02
102		1,3-dichlorobenzene	3.384	4.234	-25.1	144#	-0.02
103	C	1,4-dichlorobenzene	3.290	4.127	-25.4	147#	-0.02
104		sec-butylbenzene	6.858	8.018	-16.9	137	-0.02
106		p-isopropyltoluene	5.726	6.677	-16.6	130	-0.02
107		1,2-dichlorobenzene	3.167	3.934	-24.2	146#	-0.02
108		n-butylbenzene	4.906	6.016	-22.6	141#	-0.02
111	C	1,2-dibromo-3-chloropropane	1.246	1.591	-27.7	138	-0.02
112		undecane	4.241	5.121	-20.7	136	-0.02
114		dodecane	4.229	4.963	-17.4	121	-0.02
115	C	1,2,4-trichlorobenzene	2.502	3.244	-29.7	143#	-0.02
116		naphthalene	6.471	8.050	-24.4	137	-0.02
117		1,2,3-trichlorobenzene	2.540	3.134	-23.4	137	-0.02
119	C	hexachlorobutadiene	2.348	3.020	-28.6	145#	-0.02

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 2

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518T\
Data File : r322194.D
Acq On : 18 May 2022 1:48 PM
Operator : AIRPIANO3:TS
Sample : WG1640147-2,3,250,250
Misc : WG1640147,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 18 15:34:19 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0518T\r322194.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.533	49	443368	10.000	ppbV	-0.03
Standard Area = 443368			Recovery = 100.00%			
43) 1,4-difluorobenzene	11.813	114	1337389	10.000	ppbV	-0.03
Standard Area = 1337389			Recovery = 100.00%			
67) chlorobenzene-D5	16.558	54	206902	10.000	ppbV	-0.02
Standard Area = 206902			Recovery = 100.00%			
System Monitoring Compounds						
Target Compounds						Qvalue
2) chlorodifluoromethane	3.826	51	297284	10.343	ppbV	99
3) propylene	3.856	41	185230M6	11.440	ppbV	
4) propane	3.886	29	205764	9.980	ppbV	98
5) dichlorodifluoromethane	3.940	85	396978	11.384	ppbV	100
6) chloromethane	4.120	50	184916	11.030	ppbV	100
7) Freon-114	4.246	85	534671	11.797	ppbV	99
8) methanol	4.312	31	440656	38.471	ppbV	99
9) vinyl chloride	4.378	62	251108	11.585	ppbV	100
10) 1,3-butadiene	4.540	54	211280	12.086	ppbV	99
11) butane	4.606	43	321413	10.124	ppbV	99
13) bromomethane	4.858	94	200311	11.558	ppbV	100
14) chloroethane	5.080	64	126468	11.397	ppbV	100
15) ethanol	5.250	31	977130	57.364	ppbV	99
16) dichlorofluoromethane	5.220	67	450143	11.676	ppbV	99
17) vinyl bromide	5.510	106	189507	11.453	ppbV	98
18) acrolein	5.663	56	109622	7.258	ppbV	98
19) acetone	5.817	43	1354341	55.760	ppbV	99
20) acetonitrile	5.503	41	188884	9.146	ppbV	99
21) trichlorofluoromethane	6.030	101	382644	12.066	ppbV	99
22) isopropyl alcohol	6.150	45	942579	32.250	ppbV	100
23) acrylonitrile	6.403	53	199544	10.850	ppbV	100
24) pentane	6.480	43	421714	10.687	ppbV	100
25) ethyl ether	6.520	31	331147	10.134	ppbV	100
26) 1,1-dichloroethene	6.806	61	327906	11.666	ppbV	100
27) tertiary butyl alcohol	6.878	59	435258	11.969	ppbV	99
28) methylene chloride	6.974	49	268576	9.709	ppbV	99
29) 3-chloropropene	7.112	41	335821	12.683	ppbV	99
30) carbon disulfide	7.268	76	697904	11.009	ppbV	99
31) Freon 113	7.304	101	420286	11.854	ppbV	99

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518T\
Data File : r322194.D
Acq On : 18 May 2022 1:48 PM
Operator : AIRPIANO3:TS
Sample : WG1640147-2,3,250,250
Misc : WG1640147,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 18 15:34:19 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0518T\r322194.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
32) trans-1,2-dichloroethene	8.108	61	319118	11.100	ppbV	99
33) 1,1-dichloroethane	8.342	63	391002	11.345	ppbV	100
34) MTBE	8.425	73	619862	12.026	ppbV	100
35) vinyl acetate	8.567	43	430075	10.907	ppbV	100
36) 2-butanone	8.825	43	478676	10.839	ppbV	100
37) cis-1,2-dichloroethene	9.350	61	297910	11.610	ppbV	99
38) Ethyl Acetate	9.642	61	85126	11.834	ppbV	78
39) chloroform	9.700	83	415380	11.970	ppbV	99
40) Tetrahydrofuran	10.150	42	286753	11.248	ppbV	100
41) 2,2-dichloropropane	9.717	77	323699	11.743	ppbV	98
42) 1,2-dichloroethane	10.550	62	240702	11.107	ppbV	99
44) hexane	9.617	57	424969	11.147	ppbV	95
45) diisopropyl ether	9.617	87	232447	10.966	ppbV	99
46) tert-butyl ethyl ether	10.250	59	714646	11.122	ppbV	100
48) 1,1,1-trichloroethane	10.842	97	337304	11.692	ppbV	99
49) 1,1-dichloropropene	11.213	75	353144	11.436	ppbV	99
50) benzene	11.373	78	798212	10.195	ppbV	100
52) carbon tetrachloride	11.547	117	330237	12.335	ppbV	99
53) cyclohexane	11.693	56	446843	11.270	ppbV	99
54) tert-amyl methyl ether	12.080	73	692653	11.150	ppbV	100
55) dibromomethane	12.300	93	220746	10.667	ppbV	100
56) 1,2-dichloropropane	12.333	63	267835	11.349	ppbV	99
57) bromodichloromethane	12.567	83	440673	11.896	ppbV	100
58) 1,4-dioxane	12.607	88	188511	11.787	ppbV	98
59) trichloroethene	12.613	130	351829	11.672	ppbV	99
60) 2,2,4-trimethylpentane	12.667	57	1386302	11.766	ppbV	100
61) methyl methacrylate	12.867	41	306400	12.184	ppbV	99
62) heptane	12.987	43	507818	11.558	ppbV	100
63) cis-1,3-dichloropropene	13.633	75	424999	12.679	ppbV	99
64) 4-methyl-2-pentanone	13.667	43	606723	12.053	ppbV	99
65) trans-1,3-dichloropropene	14.258	75	342238	11.328	ppbV	99
66) 1,1,2-trichloroethane	14.458	97	295194	11.771	ppbV	99
68) toluene	14.767	91	888344	11.429	ppbV	100
71) 1,3-dichloropropane	14.800	76	445827	10.912	ppbV	99
72) 2-hexanone	15.058	43	565961	12.100	ppbV	97
74) dibromochloromethane	15.217	129	459568	12.836	ppbV	99
75) 1,2-dibromoethane	15.467	107	449743	12.017	ppbV	99
76) butyl acetate	15.717	73	135009	11.421	ppbV	95
77) octane	15.808	85	371938	10.922	ppbV	98
78) tetrachloroethene	15.942	166	447313	11.879	ppbV	100

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518T\
Data File : r322194.D
Acq On : 18 May 2022 1:48 PM
Operator : AIRPIANO3:TS
Sample : WG1640147-2,3,250,250
Misc : WG1640147,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 18 15:34:19 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0518T\r322194.D
Sub List : Default-LCS-AP2 - All compounds listed

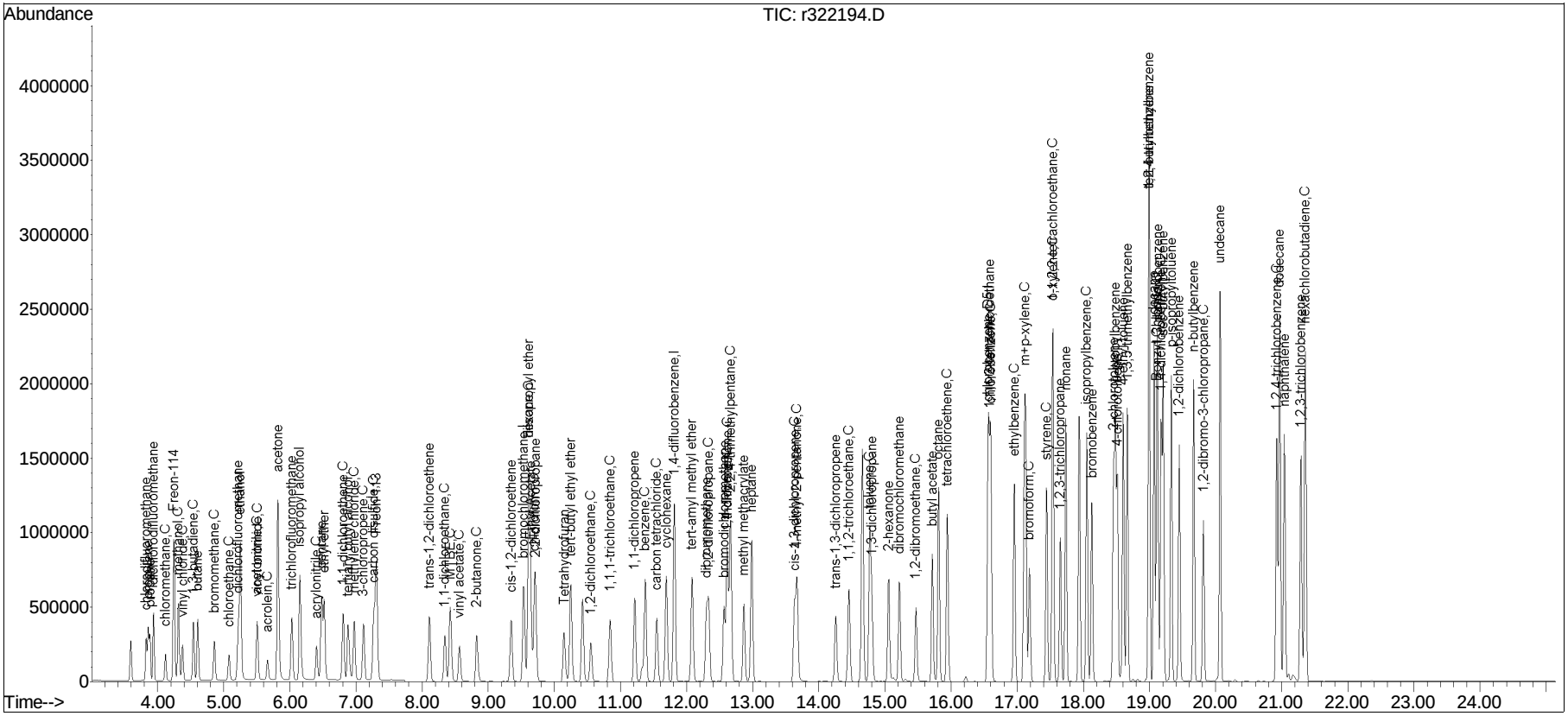
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) 1,1,1,2-tetrachloroethane	16.583	131	328979	11.814	ppbV	98
80) chlorobenzene	16.600	112	785081	11.768	ppbV	99
81) ethylbenzene	16.958	91	1108209	11.883	ppbV	100
83) m+p-xylene	17.117	91	1827260	23.986	ppbV	100
84) bromoform	17.183	173	440443	13.223	ppbV	100
85) styrene	17.442	104	826685	12.195	ppbV	100
86) 1,1,2,2-tetrachloroethane	17.542	83	699819	12.374	ppbV	99
87) o-xylene	17.542	91	932618	12.281	ppbV	100
88) 1,2,3-trichloropropane	17.650	75	533888	11.104	ppbV	100
89) nonane	17.733	43	717690	11.010	ppbV	99
91) isopropylbenzene	18.050	105	1318020	11.735	ppbV	100
92) bromobenzene	18.133	77	722454	11.354	ppbV	100
93) 2-chlorotoluene	18.458	126	366987	11.107	ppbV	98
94) n-propylbenzene	18.483	120	441146	11.488	ppbV	97
95) 4-chlorotoluene	18.517	126	367470	11.193	ppbV	100
96) 4-ethyl toluene	18.600	105	1401487	12.127	ppbV	99
97) 1,3,5-trimethylbenzene	18.667	105	1211484	11.446	ppbV	98
98) tert-butylbenzene	18.992	119	1186990	11.855	ppbV	100
99) 1,2,4-trimethylbenzene	18.992	105	1199823	12.941	ppbV	97
100) decane	19.067	57	915542	11.523	ppbV	99
101) Benzyl Chloride	19.108	91	777787	14.845	ppbV	98
102) 1,3-dichlorobenzene	19.125	146	876124	12.513	ppbV	100
103) 1,4-dichlorobenzene	19.175	146	853919	12.543	ppbV	99
104) sec-butylbenzene	19.208	105	1658885	11.691	ppbV	99
106) p-isopropyltoluene	19.333	119	1381463	11.660	ppbV	97
107) 1,2-dichlorobenzene	19.450	146	813985	12.424	ppbV	100
108) n-butylbenzene	19.667	91	1244665	12.262	ppbV	100
111) 1,2-dibromo-3-chloropr...	19.817	75	329106	12.762	ppbV	99
112) undecane	20.067	57	1059455	12.074	ppbV	100
114) dodecane	20.967	57	1026873	11.736	ppbV	99
115) 1,2,4-trichlorobenzene	20.925	180	671092	12.962	ppbV	100
116) naphthalene	21.042	128	1665542	12.440	ppbV	100
117) 1,2,3-trichlorobenzene	21.292	180	648373	12.338	ppbV	99
119) hexachlorobutadiene	21.358	225	624779	12.862	ppbV	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default-LCS-AP2 - All compounds listed18T\r322194.D

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518T\
Data File : r322194.D
Acq On : 18 May 2022 1:48 PM
Operator : AIRPIANO3:TS
Sample : WG1640147-2,3,250,250
Misc : WG1640147,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 18 15:34:19 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

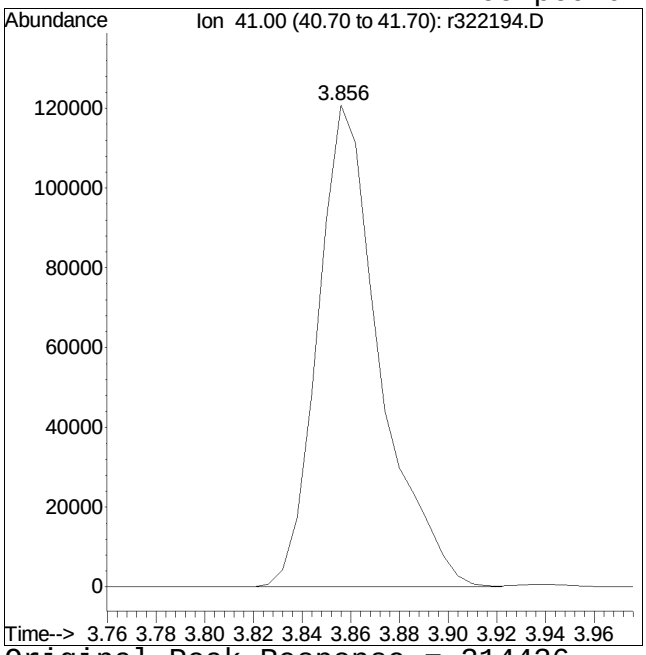


Manual Integration Report

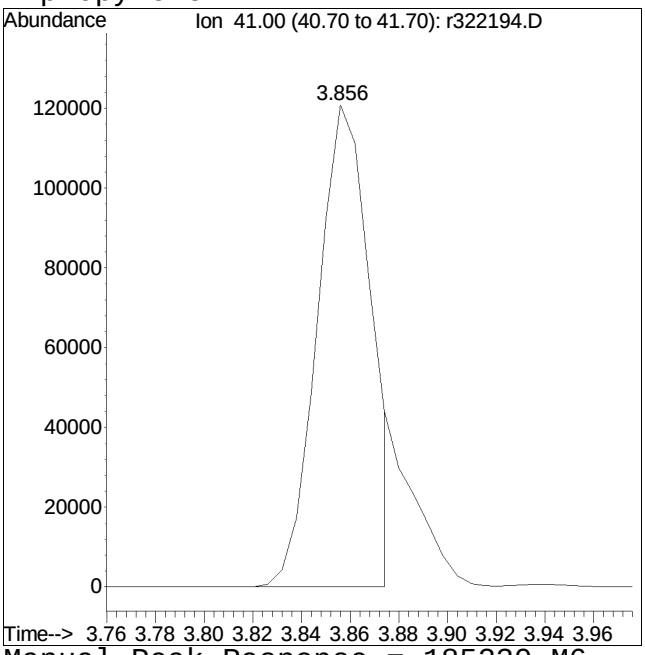
Data Path : O:\Forensics\Data\AirpianoQ
Data File : r322194.D
Date Inj'd : 5/18/2020 0:1: 8
Sample : WG1640147-2,3,250,250

Method : TFS3_220516.M
Operator : AIRPIANO3:TS
Instrument :
Quant Date : 5/18/2022 2:33 pm

Compound #3: propylene



Original Peak Response = 214436



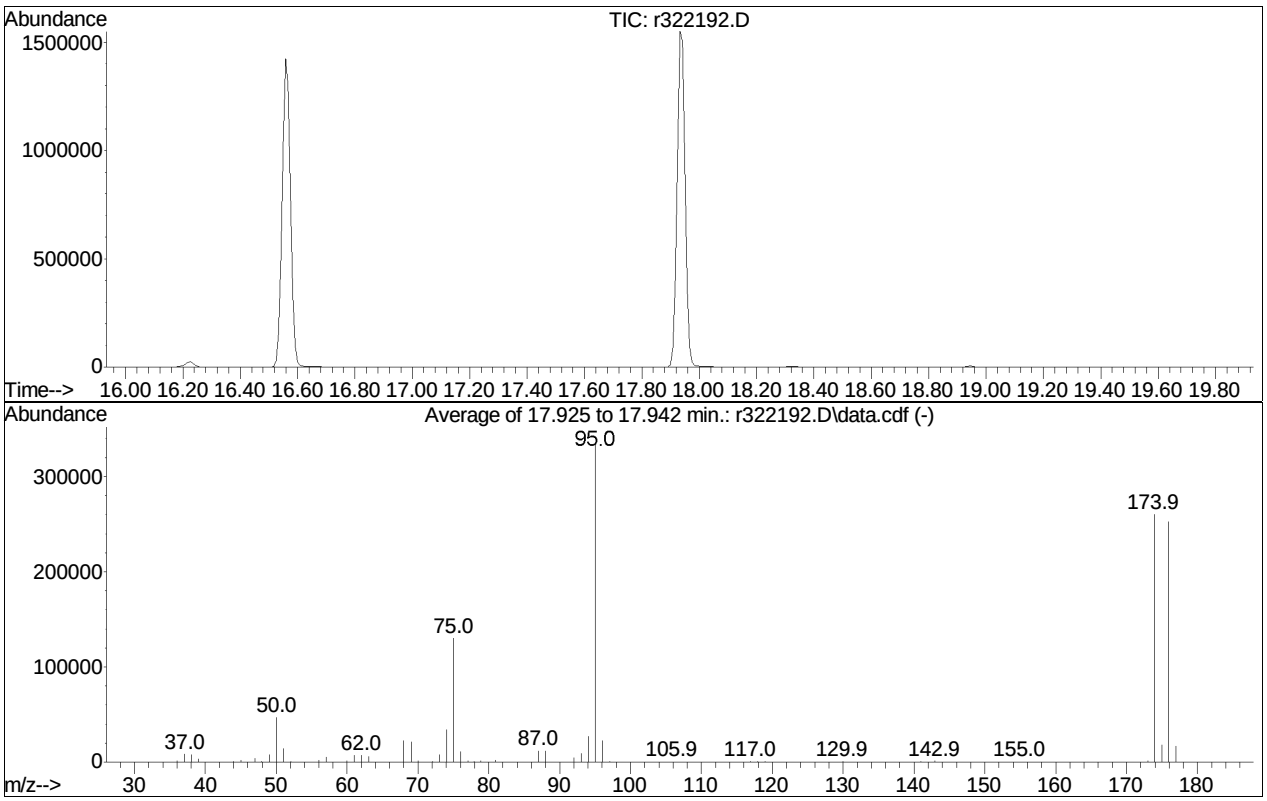
Manual Peak Response = 185230 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518T\
Data File : r322192.D
Acq On : 18 May 2022 12:23 PM
Operator : AIRPIANO3:TS
Sample : WG1640147-1,3,250,250
Misc : WG1640147,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Integration File: rteint.p

Method : O:\Forensics\Data\Airpiano3\2022\05\0518T\TFS3_220516.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Tue May 17 15:52:12 2022



Spectrum Information: Average of 17.925 to 17.942 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	14.1	47343	PASS
75	95	30	66	38.8	130380	PASS
95	95	100	100	100.0	335733	PASS
96	95	5	9	6.7	22599	PASS
173	174	0.00	2	0.6	1637	PASS
174	95	50	120	77.5	260295	PASS
175	174	4	9	7.1	18370	PASS
176	174	93	101	97.2	253053	PASS
177	176	5	9	6.6	16803	PASS

Evaluate Continuing Calibration Report

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0519T\
Data File : r322225.D
Acq On : 19 May 2022 2:23 PM
Operator : AIRPIANO3:TS
Sample : WG1640711-2,3,250,250
Misc : WG1640711,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 19 16:50:01 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0519T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	bromochloromethane	1.000	1.000	0.0	104	-0.02
2		chlorodifluoromethane	0.648	0.702	-8.3	137	0.00
3		propylene	0.365	0.416	-14.0	155#	0.00
4		propane	0.465	0.476	-2.4	135	0.00
5		dichlorodifluoromethane	0.787	0.844	-7.2	132	0.00
6	C	chloromethane	0.378	0.387	-2.4	133	-0.01
7		Freon-114	1.022	1.125	-10.1	136	0.00
8	C	methanol	0.258	0.208	19.4	88	-0.01
9	C	vinyl chloride	0.489	0.524	-7.2	136	0.00
10	C	1,3-butadiene	0.394	0.489	-24.1	160#	-0.01
11		butane	0.716	0.752	-5.0	144#	0.00
13	C	bromomethane	0.391	0.418	-6.9	137	0.00
14	C	chloroethane	0.250	0.262	-4.8	137	0.00
15		ethanol	0.384	0.452	-17.7	142#	0.00
16		dichlorofluoromethane	0.870	1.036	-19.1	142#	-0.01
17	C	vinyl bromide	0.373	0.436	-16.9	149#	-0.01
18	C	acrolein	0.341	0.259	24.0	138	-0.01
19		acetone	0.548	0.672	-22.6	172#	-0.01
20	C	acetonitrile	0.466	0.446	4.3	141#	-0.01
21		trichlorofluoromethane	0.715	0.811	-13.4	140	-0.01
22		isopropyl alcohol	0.659	0.867	-31.6#	163#	-0.02
23	C	acrylonitrile	0.415	0.468	-12.8	150#	-0.02
24		pentane	0.890	1.000	-12.4	151#	0.00
25		ethyl ether	0.737	0.769	-4.3	143#	-0.01
26	C	1,1-dichloroethene	0.634	0.693	-9.3	139	-0.01
27		tertiary butyl alcohol	0.820	1.007	-22.8	158#	-0.02
28	C	methylene chloride	0.624	0.571	8.5	112	-0.01
29	C	3-chloropropene	0.597	0.778	-30.3#	168#	-0.02
30	C	carbon disulfide	1.430	1.616	-13.0	143#	-0.01
31		Freon 113	0.800	0.891	-11.4	142#	-0.01
32		trans-1,2-dichloroethene	0.648	0.732	-13.0	145#	0.00
33	C	1,1-dichloroethane	0.777	0.831	-6.9	138	0.00
34	C	MTBE	1.163	1.444	-24.2	156#	-0.02
35	C	vinyl acetate	0.889	1.027	-15.5	158#	-0.02
36	C	2-butanone	0.996	1.126	-13.1	153#	-0.02
37		cis-1,2-dichloroethene	0.579	0.628	-8.5	138	-0.02
38		Ethyl Acetate	0.162	0.196	-21.0	155#	-0.02
39	C	chloroform	0.783	0.875	-11.7	139	0.00
40		Tetrahydrofuran	0.575	0.670	-16.5	152#	-0.02

Evaluate Continuing Calibration Report

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0519T\
Data File : r322225.D
Acq On : 19 May 2022 2:23 PM
Operator : AIRPIANO3:TS
Sample : WG1640711-2,3,250,250
Misc : WG1640711,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 19 16:50:01 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0519T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		2,2-dichloropropane	0.622	0.781	-25.6	152#	-0.02
42	C	1,2-dichloroethane	0.489	0.514	-5.1	136	0.00
43	I	1,4-difluorobenzene	1.000	1.000	0.0	103	-0.01
44	C	hexane	0.285	0.326	-14.4	146#	-0.02
45		diisopropyl ether	0.158	0.180	-13.9	147#	0.00
46		tert-butyl ethyl ether	0.480	0.555	-15.6	145#	-0.02
48	C	1,1,1-trichloroethane	0.216	0.240	-11.1	144#	0.00
49		1,1-dichloropropene	0.231	0.276	-19.5	152#	-0.01
50	C	benzene	0.585	0.557	4.8	134	-0.01
52	C	carbon tetrachloride	0.200	0.235	-17.5	143#	-0.01
53		cyclohexane	0.296	0.344	-16.2	152#	-0.01
54		tert-amyl methyl ether	0.464	0.546	-17.7	149#	-0.01
55		dibromomethane	0.155	0.173	-11.6	147#	-0.01
56	C	1,2-dichloropropane	0.176	0.188	-6.8	139	-0.01
57		bromodichloromethane	0.277	0.338	-22.0	155#	-0.01
58	C	1,4-dioxane	0.120	0.141	-17.5	154#	-0.01
59	C	trichloroethene	0.225	0.247	-9.8	139	-0.01
60	C	2,2,4-trimethylpentane	0.881	1.060	-20.3	158#	0.00
61		methyl methacrylate	0.188	0.242	-28.7	168#	-0.01
62		heptane	0.329	0.397	-20.7	159#	0.00
63	C	cis-1,3-dichloropropene	0.251	0.299	-19.1	149#	-0.02
64	C	4-methyl-2-pentanone	0.376	0.470	-25.0	156#	-0.02
65		trans-1,3-dichloropropene	0.226	0.239	-5.8	128	-0.02
66	C	1,1,2-trichloroethane	0.188	0.209	-11.2	144#	-0.02
67	I	chlorobenzene-D5	1.000	1.000	0.0	104	0.00
68	C	toluene	3.757	3.961	-5.4	137	0.00
71		1,3-dichloropropane	1.975	2.209	-11.8	145#	-0.02
72		2-hexanone	2.261	2.791	-23.4	151#	0.00
74		dibromochloromethane	1.730	2.291	-32.4#	164#	0.00
75	C	1,2-dibromoethane	1.809	2.034	-12.4	141#	0.00
76		butyl acetate	0.571	0.679	-18.9	145#	0.00
77		octane	1.646	1.830	-11.2	144#	0.00
78	C	tetrachloroethene	1.820	1.980	-8.8	138	0.00
79		1,1,1,2-tetrachloroethane	1.346	1.639	-21.8	149#	0.00
80	C	chlorobenzene	3.224	3.524	-9.3	139	-0.02
81	C	ethylbenzene	4.507	4.942	-9.7	139	0.00
83	C	m+p-xylene	3.682	4.077	-10.7	137	0.00

Evaluate Continuing Calibration Report

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0519T\
Data File : r322225.D
Acq On : 19 May 2022 2:23 PM
Operator : AIRPIANO3:TS
Sample : WG1640711-2,3,250,250
Misc : WG1640711,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 19 16:50:01 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0519T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
84	C	bromoform	1.610	2.191	-36.1#	163#	-0.02
85	C	styrene	3.276	3.701	-13.0	139	0.00
86	C	1,1,2,2-tetrachloroethane	2.733	3.104	-13.6	137	0.00
87	C	o-xylene	3.670	4.190	-14.2	139	0.00
88		1,2,3-trichloropropane	2.324	2.653	-14.2	144#	0.00
89		nonane	3.151	3.557	-12.9	144#	0.00
91	C	isopropylbenzene	5.429	6.499	-19.7	149#	0.00
92		bromobenzene	3.075	3.553	-15.5	145#	0.00
93		2-chlorotoluene	1.597	1.817	-13.8	143#	0.00
94		n-propylbenzene	1.856	2.160	-16.4	145#	0.00
95		4-chlorotoluene	1.587	1.817	-14.5	143#	0.00
96		4-ethyl toluene	5.586	6.876	-23.1	149#	0.00
97		1,3,5-trimethylbenzene	5.116	5.441	-6.4	122	0.00
98		tert-butylbenzene	4.839	5.779	-19.4	140	0.00
99		1,2,4-trimethylbenzene	4.481	5.340	-19.2	137	0.00
100		decane	3.840	4.488	-16.9	141#	0.00
101	C	Benzyl Chloride	2.532	3.813	-50.6#	163#	0.00
102		1,3-dichlorobenzene	3.384	3.949	-16.7	137	-0.02
103	C	1,4-dichlorobenzene	3.290	3.773	-14.7	137	0.00
104		sec-butylbenzene	6.858	8.243	-20.2	143#	0.00
106		p-isopropyltoluene	5.726	6.761	-18.1	134	-0.02
107		1,2-dichlorobenzene	3.167	3.635	-14.8	138	0.00
108		n-butylbenzene	4.906	6.146	-25.3	147#	0.00
111	C	1,2-dibromo-3-chloropropane	1.246	1.652	-32.6#	146#	0.00
112		undecane	4.241	5.194	-22.5	140#	0.00
114		dodecane	4.229	5.234	-23.8	130	0.00
115	C	1,2,4-trichlorobenzene	2.502	3.115	-24.5	139	0.00
116		naphthalene	6.471	8.584	-32.7#	148#	0.00
117		1,2,3-trichlorobenzene	2.540	3.351	-31.9#	149#	0.00
119	C	hexachlorobutadiene	2.348	2.751	-17.2	134	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 4

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0519T\
Data File : r322225.D
Acq On : 19 May 2022 2:23 PM
Operator : AIRPIANO3:TS
Sample : WG1640711-2,3,250,250
Misc : WG1640711,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 19 16:50:01 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0519T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0519T\r322225.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.550	49	440035	10.000	ppbV	-0.02
Standard Area = 440035			Recovery = 100.00%			
43) 1,4-difluorobenzene	11.827	114	1334123	10.000	ppbV	-0.01
Standard Area = 1334123			Recovery = 100.00%			
67) chlorobenzene-D5	16.575	54	210666	10.000	ppbV	0.00
Standard Area = 210666			Recovery = 100.00%			
System Monitoring Compounds						
Target Compounds						Qvalue
2) chlorodifluoromethane	3.838	51	308782	10.824	ppbV	99
3) propylene	3.868	41	182838M6	11.377	ppbV	
4) propane	3.892	29	209676	10.247	ppbV	99
5) dichlorodifluoromethane	3.946	85	371430	10.732	ppbV	100
6) chloromethane	4.126	50	170329	10.237	ppbV	99
7) Freon-114	4.258	85	495249	11.010	ppbV	100
8) methanol	4.324	31	457108	40.210	ppbV	100
9) vinyl chloride	4.390	62	230565	10.717	ppbV	99
10) 1,3-butadiene	4.552	54	215283	12.408	ppbV	98
11) butane	4.618	43	330781	10.498	ppbV	100
13) bromomethane	4.870	94	184081	10.702	ppbV	100
14) chloroethane	5.092	64	115264	10.466	ppbV	100
15) ethanol	5.263	31	995008	58.856	ppbV	99
16) dichlorofluoromethane	5.230	67	455710	11.910	ppbV	99
17) vinyl bromide	5.517	106	191879	11.684	ppbV	100
18) acrolein	5.673	56	113815	7.592	ppbV	98
19) acetone	5.830	43	1478577	61.336	ppbV	97
20) acetonitrile	5.513	41	196401	9.582	ppbV	99
21) trichlorofluoromethane	6.040	101	356694	11.333	ppbV	99
22) isopropyl alcohol	6.160	45	953568	32.873	ppbV	100
23) acrylonitrile	6.413	53	206005	11.286	ppbV	99
24) pentane	6.493	43	440101	11.238	ppbV	99
25) ethyl ether	6.530	31	338182	10.427	ppbV	100
26) 1,1-dichloroethene	6.818	61	304748	10.924	ppbV	99
27) tertiary butyl alcohol	6.890	59	443136	12.278	ppbV	100
28) methylene chloride	6.986	49	251394	9.157	ppbV	100
29) 3-chloropropene	7.124	41	342365M4	13.028	ppbV	
30) carbon disulfide	7.280	76	711031	11.301	ppbV	100
31) Freon 113	7.322	101	391992	11.140	ppbV	98

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0519T\
Data File : r322225.D
Acq On : 19 May 2022 2:23 PM
Operator : AIRPIANO3:TS
Sample : WG1640711-2,3,250,250
Misc : WG1640711,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 19 16:50:01 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0519T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0519T\r322225.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
32) trans-1,2-dichloroethene	8.125	61	322303	11.296	ppbV	99
33) 1,1-dichloroethane	8.358	63	365512	10.686	ppbV	100
34) MTBE	8.433	73	635425	12.422	ppbV	100
35) vinyl acetate	8.575	43	452103	11.552	ppbV	100
36) 2-butanone	8.842	43	495671	11.308	ppbV	99
37) cis-1,2-dichloroethene	9.358	61	276553	10.860	ppbV	99
38) Ethyl Acetate	9.658	61	86052	12.054	ppbV	91
39) chloroform	9.717	83	385011	11.179	ppbV	98
40) Tetrahydrofuran	10.158	42	294942	11.657	ppbV	100
41) 2,2-dichloropropane	9.725	77	343701	12.563	ppbV	97
42) 1,2-dichloroethane	10.567	62	226166	10.515	ppbV	99
44) hexane	9.625	57	435200	11.444	ppbV	97
45) diisopropyl ether	9.633	87	239561	11.330	ppbV	96
46) tert-butyl ethyl ether	10.258	59	740343	11.550	ppbV	99
48) 1,1,1-trichloroethane	10.858	97	320093	11.123	ppbV	99
49) 1,1-dichloropropene	11.227	75	368344	11.958	ppbV	100
50) benzene	11.387	78	743208	9.516	ppbV	100
52) carbon tetrachloride	11.560	117	313476	11.737	ppbV	98
53) cyclohexane	11.707	56	458348	11.589	ppbV	99
54) tert-amyl methyl ether	12.093	73	727965	11.747	ppbV	100
55) dibromomethane	12.313	93	230300	11.156	ppbV	99
56) 1,2-dichloropropane	12.347	63	250251	10.630	ppbV	100
57) bromodichloromethane	12.580	83	450826	12.199	ppbV	100
58) 1,4-dioxane	12.620	88	188082	11.789	ppbV	98
59) trichloroethene	12.627	130	329061	10.943	ppbV	99
60) 2,2,4-trimethylpentane	12.680	57	1414077	12.031	ppbV	99
61) methyl methacrylate	12.880	41	322301	12.847	ppbV	100
62) heptane	13.000	43	529248	12.075	ppbV	99
63) cis-1,3-dichloropropene	13.642	75	398857	11.928	ppbV	99
64) 4-methyl-2-pentanone	13.683	43	626569	12.478	ppbV	99
65) trans-1,3-dichloropropene	14.267	75	318810	10.578	ppbV	100
66) 1,1,2-trichloroethane	14.467	97	278872	11.147	ppbV	98
68) toluene	14.783	91	834472	10.544	ppbV	99
71) 1,3-dichloropropane	14.808	76	465321	11.186	ppbV	100
72) 2-hexanone	15.067	43	587877	12.344	ppbV	96
74) dibromochloromethane	15.233	129	482609	13.238	ppbV	98
75) 1,2-dibromoethane	15.483	107	428530	11.246	ppbV	99
76) butyl acetate	15.725	73	143044	11.884	ppbV	97
77) octane	15.825	85	385476	11.117	ppbV	98
78) tetrachloroethene	15.950	166	417190	10.881	ppbV	98

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0519T\
Data File : r322225.D
Acq On : 19 May 2022 2:23 PM
Operator : AIRPIANO3:TS
Sample : WG1640711-2,3,250,250
Misc : WG1640711,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 19 16:50:01 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0519T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0519T\r322225.D
Sub List : Default-LCS-AP2 - All compounds listed

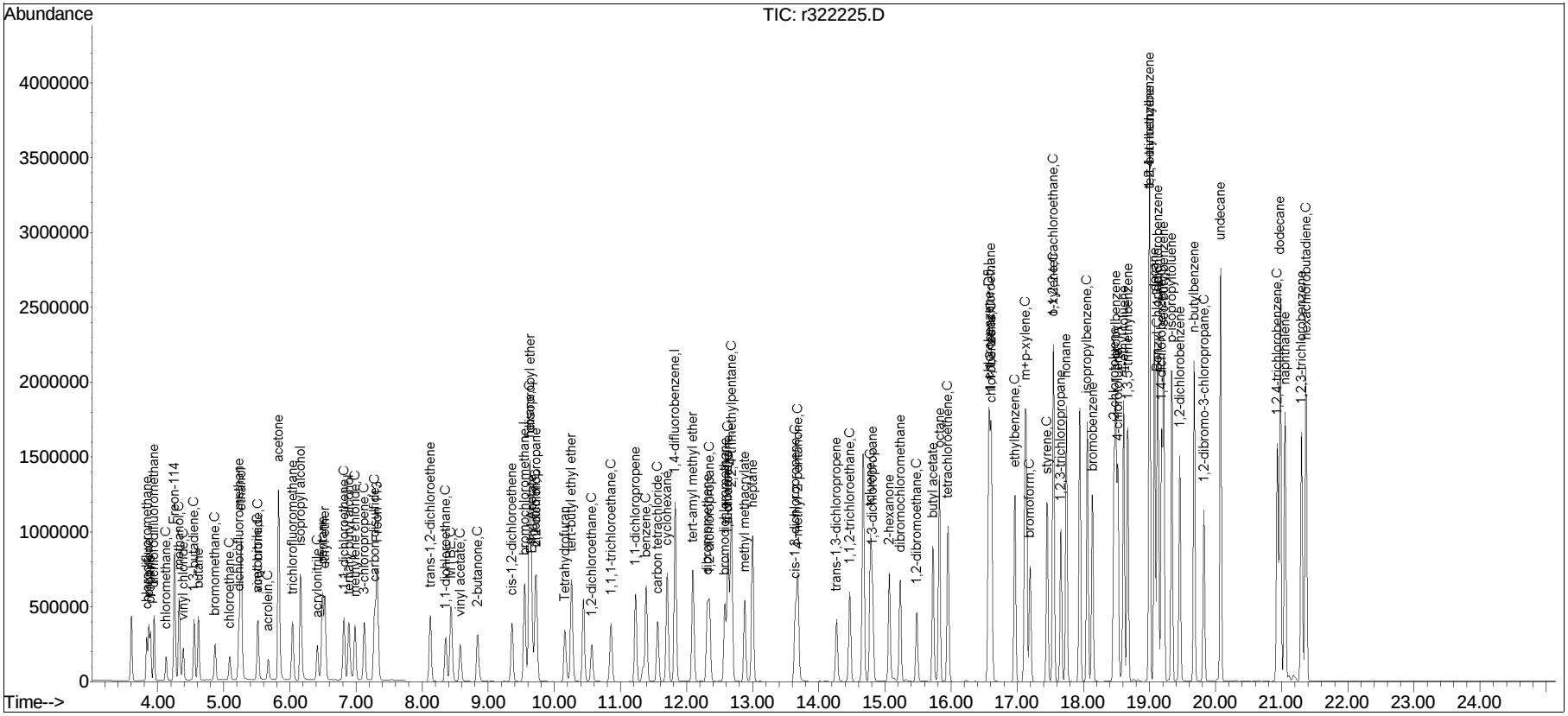
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) 1,1,1,2-tetrachloroethane	16.600	131	345305	12.179	ppbV	100
80) chlorobenzene	16.608	112	742373	10.929	ppbV	98
81) ethylbenzene	16.967	91	1041118	10.965	ppbV	100
83) m+p-xylene	17.125	91	1717566	22.143	ppbV	99
84) bromoform	17.192	173	461636	13.612	ppbV	100
85) styrene	17.450	104	779669	11.296	ppbV	99
86) 1,1,2,2-tetrachloroethane	17.550	83	653948	11.357	ppbV	100
87) o-xylene	17.550	91	882605	11.415	ppbV	100
88) 1,2,3-trichloropropane	17.658	75	558852	11.416	ppbV	100
89) nonane	17.742	43	749384	11.291	ppbV	98
91) isopropylbenzene	18.058	105	1369083	11.972	ppbV	100
92) bromobenzene	18.142	77	748519	11.554	ppbV	97
93) 2-chlorotoluene	18.467	126	382786	11.378	ppbV	100
94) n-propylbenzene	18.492	120	455002	11.638	ppbV	99
95) 4-chlorotoluene	18.525	126	382750	11.450	ppbV	97
96) 4-ethyl toluene	18.608	105	1448471	12.309	ppbV	99
97) 1,3,5-trimethylbenzene	18.675	105	1146218	10.636	ppbV	100
98) tert-butylbenzene	19.000	119	1217377	11.941	ppbV	99
99) 1,2,4-trimethylbenzene	19.000	105	1125044	11.918	ppbV	99
100) decane	19.075	57	945469	11.687	ppbV	99
101) Benzyl Chloride	19.117	91	803365	15.059	ppbV	98
102) 1,3-dichlorobenzene	19.125	146	831907	11.669	ppbV	97
103) 1,4-dichlorobenzene	19.183	146	794943	11.468	ppbV	100
104) sec-butylbenzene	19.217	105	1736451	12.019	ppbV	100
106) p-isopropyltoluene	19.333	119	1424392	11.807	ppbV	95
107) 1,2-dichlorobenzene	19.458	146	765814	11.480	ppbV	100
108) n-butylbenzene	19.675	91	1294696	12.527	ppbV	99
111) 1,2-dibromo-3-chloropr...	19.825	75	348010	13.254	ppbV	99
112) undecane	20.075	57	1094279	12.248	ppbV	99
114) dodecane	20.975	57	1102547	12.376	ppbV	99
115) 1,2,4-trichlorobenzene	20.933	180	656308	12.450	ppbV	100
116) naphthalene	21.050	128	1808365	13.266	ppbV	100
117) 1,2,3-trichlorobenzene	21.300	180	705963	13.194	ppbV	99
119) hexachlorobutadiene	21.367	225	579628	11.720	ppbV	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default-LCS-AP2 - All compounds listed19T\r322225.D

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0519T\
Data File : r322225.D
Acq On : 19 May 2022 2:23 PM
Operator : AIRPIANO3:TS
Sample : WG1640711-2,3,250,250
Misc : WG1640711,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 19 16:50:01 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0519T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

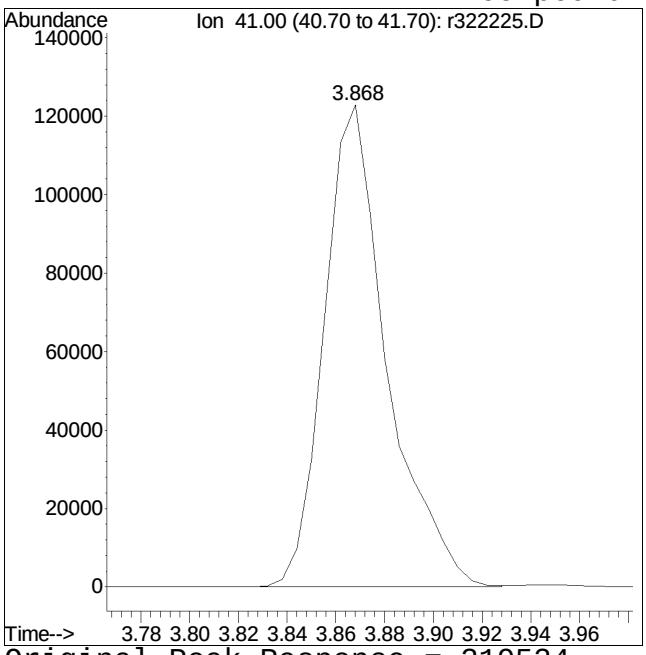


Manual Integration Report

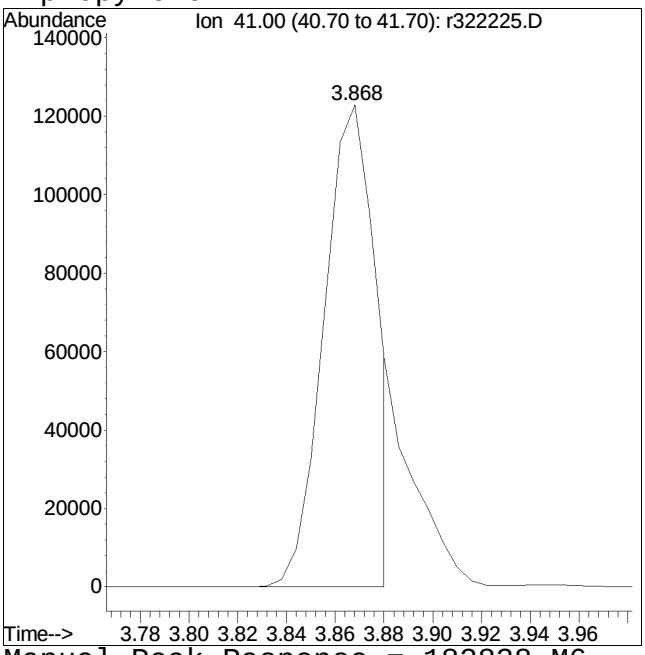
Data Path : O:\Forensics\Data\AirpianoQ
Data File : r322225.D
Date Inj'd : 5/19/2020 0:2: 3
Sample : WG1640711-2,3,250,250

Method : TFS3_220516.M
Operator : AIRPIANO3:TS
Instrument :
Quant Date : 5/19/2022 3:42 pm

Compound #3: propylene



Original Peak Response = 219524



Manual Peak Response = 182838 M6

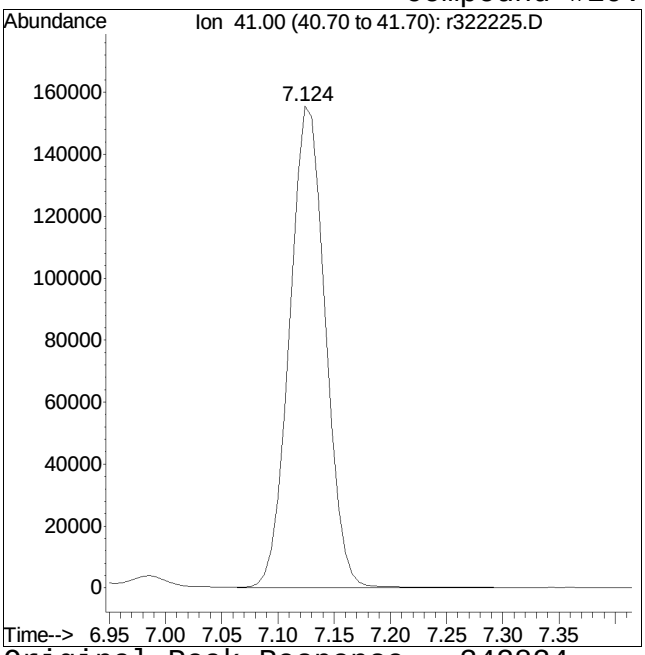
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

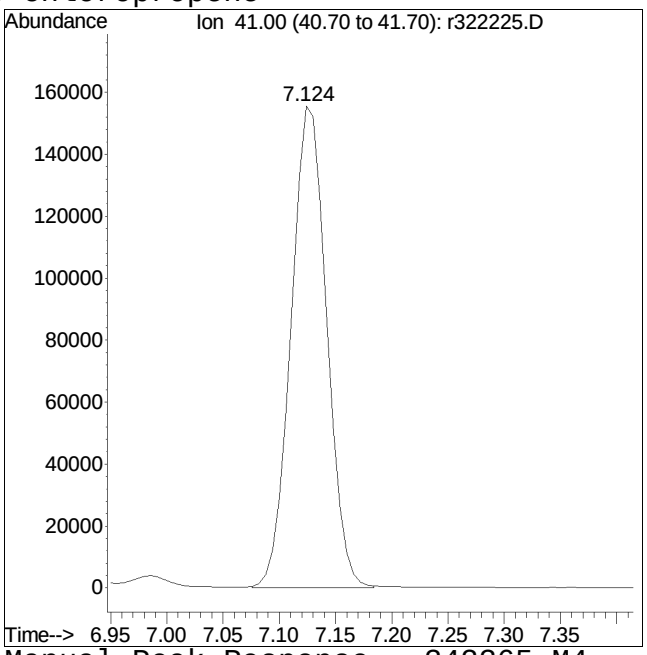
Data Path : O:\Forensics\Data\AirpianoQ
Data File : r322225.D
Date Inj'd : 5/19/2020 0:2: 3
Sample : WG1640711-2,3,250,250

Method : TFS3_220516.M
Operator : AIRPIANO3:TS
Instrument :
Quant Date : 5/19/2022 3:42 pm

Compound #29: 3-chloropropene



Original Peak Response = 342824



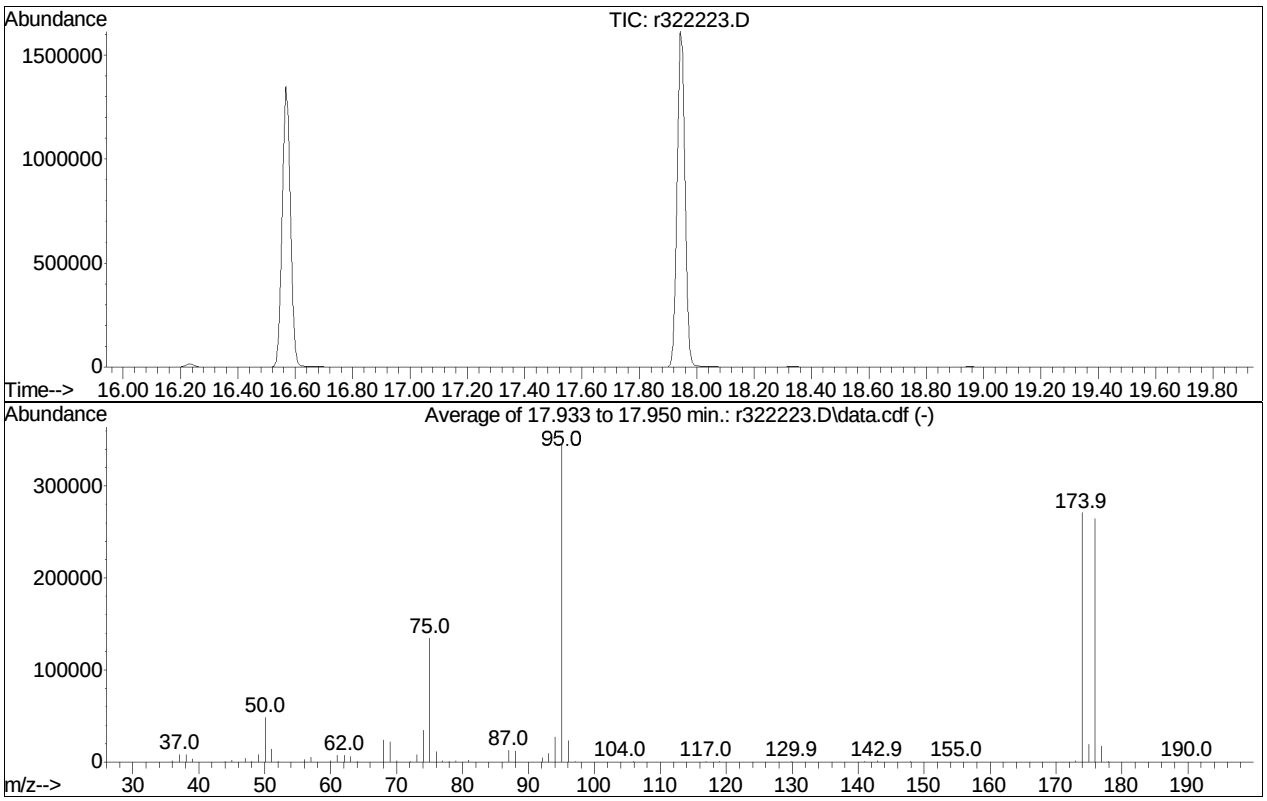
Manual Peak Response = 342365 M4

M4 = Poor automated baseline construction.

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0519T\
Data File : r322223.D
Acq On : 19 May 2022 12:57 PM
Operator : AIRPIANO3:TS
Sample : WG1640711-1,3,250,250
Misc : WG1640711,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Integration File: rteint.p

Method : O:\Forensics\Data\Airpiano3\2022\05\0519T\TFS3_220516.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Tue May 17 15:52:12 2022



Spectrum Information: Average of 17.933 to 17.950 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	14.0	48506	PASS
75	95	30	66	38.8	134615	PASS
95	95	100	100	100.0	347046	PASS
96	95	5	9	6.7	23264	PASS
173	174	0.00	2	0.6	1669	PASS
174	95	50	120	78.2	271322	PASS
175	174	4	9	7.2	19505	PASS
176	174	93	101	97.4	264354	PASS
177	176	5	9	6.6	17408	PASS

Volatiles Raw QC Data

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518T\
Data File : r322196.D
Acq On : 18 May 2022 4:03 PM
Operator : AIRPIANO3:TS
Sample : WG1640147-4,3,250,250
Misc : WG1640147,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 18 22:24:23 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0518T\r322194.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.542	49	424037	10.000	ppbV	-0.03
Standard Area = 443368			Recovery =		95.64%	
43) 1,4-difluorobenzene	11.820	114	1254640	10.000	ppbV	-0.02
Standard Area = 1337389			Recovery =		93.81%	
67) chlorobenzene-D5	16.567	54	194102	10.000	ppbV	-0.02
Standard Area = 206902			Recovery =		93.81%	
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	0.000		0	N.D.		
6) chloromethane	0.000		0	N.D.		
7) Freon-114	0.000		0	N.D.		
9) vinyl chloride	0.000		0	N.D.		
10) 1,3-butadiene	0.000		0	N.D.		
13) bromomethane	0.000		0	N.D.		
14) chloroethane	0.000		0	N.D.		
15) ethanol	5.287	31	2070	0.127	ppbV	91
17) vinyl bromide	0.000		0	N.D.		
19) acetone	5.867	43	2745	0.118	ppbV #	88
21) trichlorofluoromethane	0.000		0	N.D.		
22) isopropyl alcohol	6.197		0	N.D.		
26) 1,1-dichloroethene	0.000		0	N.D.		
27) tertiary butyl alcohol	0.000		0	N.D.		
28) methylene chloride	6.986		0	N.D.		
29) 3-chloropropene	0.000		0	N.D.		
30) carbon disulfide	0.000		0	N.D.		
31) Freon 113	0.000		0	N.D.		
32) trans-1,2-dichloroethene	0.000		0	N.D.		
33) 1,1-dichloroethane	0.000		0	N.D.		
34) MTBE	0.000		0	N.D.		
36) 2-butanone	8.900		0	N.D.		
37) cis-1,2-dichloroethene	0.000		0	N.D.		
38) Ethyl Acetate	0.000		0	N.D.		
39) chloroform	0.000		0	N.D.		
40) Tetrahydrofuran	0.000		0	N.D.		
42) 1,2-dichloroethane	0.000		0	N.D.		

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518T\
Data File : r322196.D
Acq On : 18 May 2022 4:03 PM
Operator : AIRPIANO3:TS
Sample : WG1640147-4,3,250,250
Misc : WG1640147,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 18 22:24:23 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0518T\r322194.D
Sub List : Default-LCS-AP2 - All compounds listed

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	hexane	0.000		0	N.D.		
48)	1,1,1-trichloroethane	0.000		0	N.D.		
50)	benzene	11.380		0	N.D.		
52)	carbon tetrachloride	0.000		0	N.D.		
53)	cyclohexane	0.000		0	N.D.	d	
56)	1,2-dichloropropane	0.000		0	N.D.		
57)	bromodichloromethane	0.000		0	N.D.		
58)	1,4-dioxane	0.000		0	N.D.		
59)	trichloroethene	0.000		0	N.D.		
60)	2,2,4-trimethylpentane	12.667		0	N.D.		
62)	heptane	0.000		0	N.D.		
63)	cis-1,3-dichloropropene	0.000		0	N.D.		
64)	4-methyl-2-pentanone	0.000		0	N.D.		
65)	trans-1,3-dichloropropene	0.000		0	N.D.		
66)	1,1,2-trichloroethane	0.000		0	N.D.		
68)	toluene	0.000		0	N.D.		
72)	2-hexanone	0.000		0	N.D.		
74)	dibromochloromethane	0.000		0	N.D.		
75)	1,2-dibromoethane	0.000		0	N.D.		
78)	tetrachloroethene	0.000		0	N.D.		
80)	chlorobenzene	0.000		0	N.D.		
81)	ethylbenzene	0.000		0	N.D.		
83)	m+p-xylene	0.000		0	N.D.		
84)	bromoform	0.000		0	N.D.		
85)	styrene	0.000		0	N.D.		
86)	1,1,2,2-tetrachloroethane	0.000		0	N.D.		
87)	o-xylene	0.000		0	N.D.		
96)	4-ethyl toluene	0.000		0	N.D.		
97)	1,3,5-trimethylbenzene	0.000		0	N.D.		
99)	1,2,4-trimethylbenzene	0.000		0	N.D.		
101)	Benzyl Chloride	0.000		0	N.D.		
102)	1,3-dichlorobenzene	0.000		0	N.D.		
103)	1,4-dichlorobenzene	0.000		0	N.D.		
107)	1,2-dichlorobenzene	0.000		0	N.D.		
115)	1,2,4-trichlorobenzene	20.942		0	N.D.		
119)	hexachlorobutadiene	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518T\
Data File : r322196.D
Acq On : 18 May 2022 4:03 PM
Operator : AIRPIANO3:TS
Sample : WG1640147-4,3,250,250
Misc : WG1640147,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 18 22:24:23 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

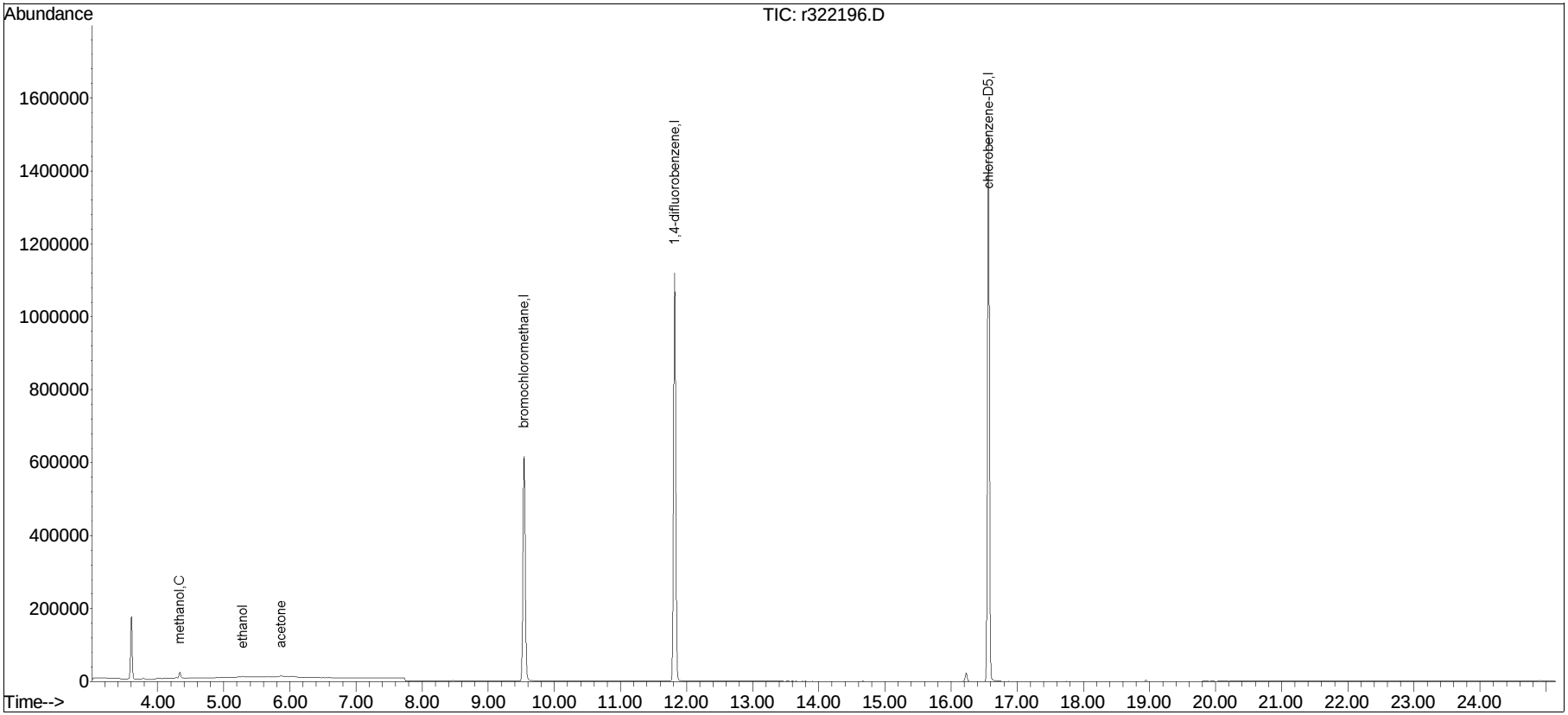
CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0518T\r322194.D
Sub List : Default-LCS-AP2 - All compounds listed

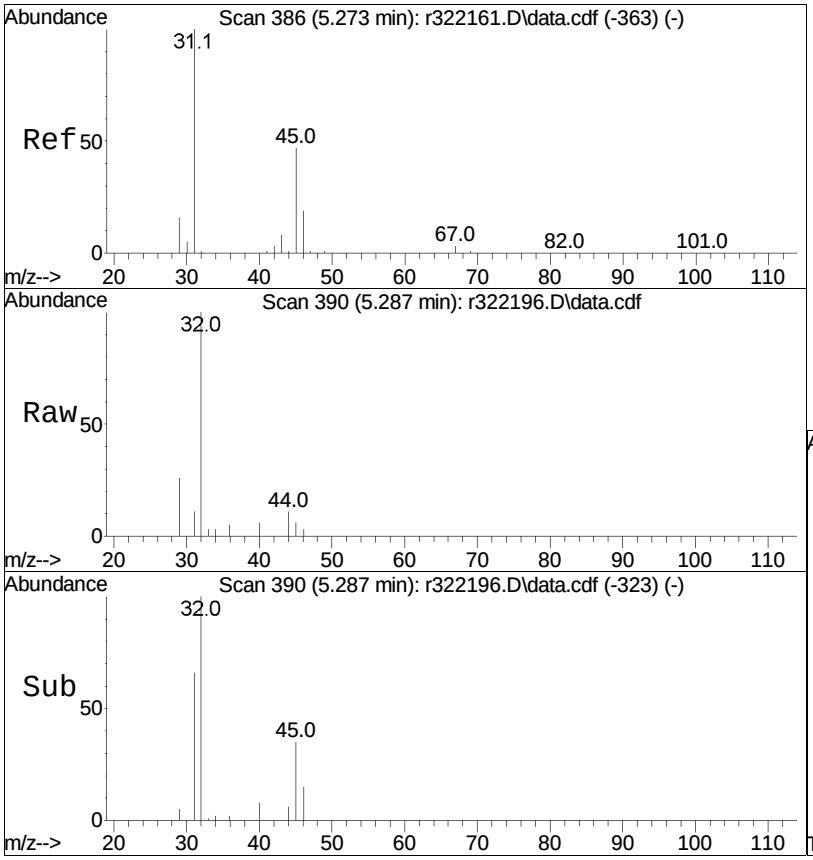
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Sub List : Default-LCS-AP2 - All compounds listed18T\r322194.D

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518T\
Data File : r322196.D
Acq On : 18 May 2022 4:03 PM
Operator : AIRPIANO3:TS
Sample : WG1640147-4,3,250,250
Misc : WG1640147,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 18 22:24:23 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

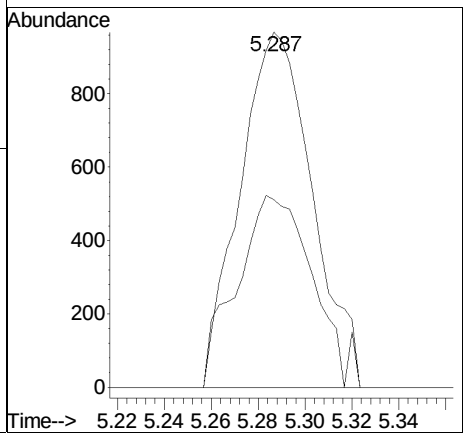


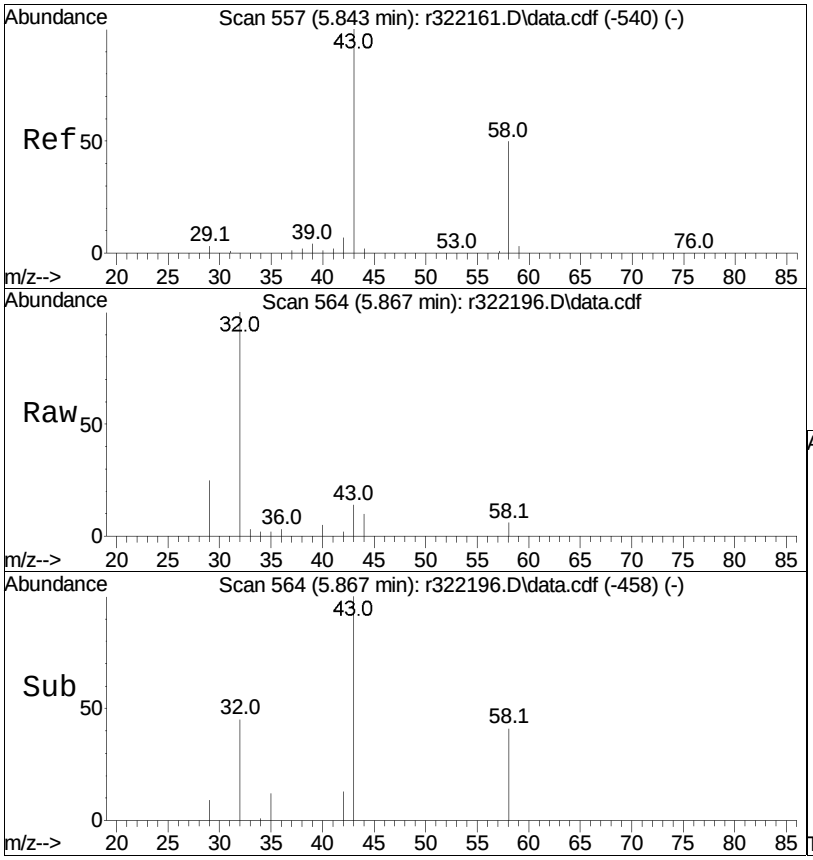


#15
ethanol
Concen: 0.13 ppbV
RT: 5.287 min Scan# 390
Delta R.T. 0.013 min
Lab File: r322196.D
Acq: 18 May 2022 4:03 PM

Tgt Ion: 31 Resp: 2070

Ion	Ratio	Lower	Upper
31	100		
45	52.8	37.6	56.4

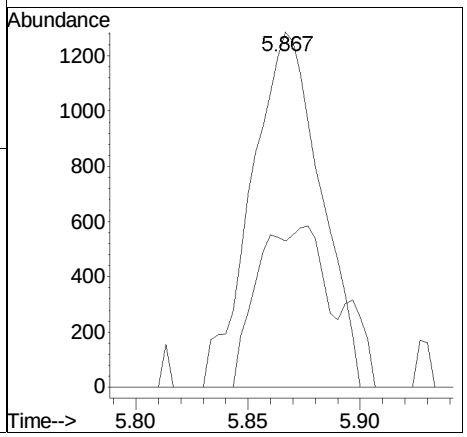




#19
acetone
Concen: 0.12 ppbV
RT: 5.867 min Scan# 564
Delta R.T. 0.023 min
Lab File: r322196.D
Acq: 18 May 2022 4:03 PM

Tgt Ion: 43 Resp: 2745

Ion	Ratio	Lower	Upper
43	100		
58	41.1	39.8	59.8
57	0.0	1.0	1.6#



Manual Integration Report

Data Path	: O:\Forensics\Data\Airpiano	QMethod	: TFS3_220516.M
Data File	: r322196.D	Operator	: AIRPIANO3:TS
Date Inj'd	: 5/18/2020 0:4: 3	Instrument	:
Sample	: WG1640147-4,3,250,250	Quant Date	: 5/18/2022 10:23 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0519T\
Data File : r322227.D
Acq On : 19 May 2022 4:38 PM
Operator : AIRPIANO3:TS
Sample : WG1640711-4,3,250,250
Misc : WG1640711,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 19 22:13:49 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0519T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0519T\r322225.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.550	49	434797	10.000	ppbV	-0.02
Standard Area = 440035			Recovery =	98.81%		
43) 1,4-difluorobenzene	11.827	114	1286028	10.000	ppbV	-0.01
Standard Area = 1334123			Recovery =	96.40%		
67) chlorobenzene-D5	16.575	54	193158	10.000	ppbV	0.00
Standard Area = 210666			Recovery =	91.69%		
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	0.000		0	N.D.		
6) chloromethane	0.000		0	N.D.		
7) Freon-114	0.000		0	N.D.		
9) vinyl chloride	0.000		0	N.D.		
10) 1,3-butadiene	0.000		0	N.D.		
13) bromomethane	0.000		0	N.D.		
14) chloroethane	0.000		0	N.D.		
15) ethanol	5.287	31	2255	0.135	ppbV	95
17) vinyl bromide	0.000		0	N.D.		
19) acetone	5.863	43	2295	0.096	ppbV #	92
21) trichlorofluoromethane	0.000		0	N.D.		
22) isopropyl alcohol	6.207		0	N.D.		
26) 1,1-dichloroethene	0.000		0	N.D.		
27) tertiary butyl alcohol	0.000		0	N.D.		
28) methylene chloride	6.986		0	N.D.		
29) 3-chloropropene	0.000		0	N.D.		
30) carbon disulfide	0.000		0	N.D.		
31) Freon 113	0.000		0	N.D.		
32) trans-1,2-dichloroethene	0.000		0	N.D.		
33) 1,1-dichloroethane	0.000		0	N.D.		
34) MTBE	0.000		0	N.D.		
36) 2-butanone	0.000		0	N.D.		
37) cis-1,2-dichloroethene	0.000		0	N.D.		
38) Ethyl Acetate	0.000		0	N.D.		
39) chloroform	0.000		0	N.D.		
40) Tetrahydrofuran	0.000		0	N.D.		
42) 1,2-dichloroethane	0.000		0	N.D.		

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0519T\
Data File : r322227.D
Acq On : 19 May 2022 4:38 PM
Operator : AIRPIANO3:TS
Sample : WG1640711-4,3,250,250
Misc : WG1640711,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 19 22:13:49 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0519T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0519T\r322225.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) hexane	0.000		0	N.D.		
48) 1,1,1-trichloroethane	0.000		0	N.D.		
50) benzene	11.387		0	N.D.		
52) carbon tetrachloride	0.000		0	N.D.		
53) cyclohexane	0.000		0	N.D.	d	
56) 1,2-dichloropropane	0.000		0	N.D.		
57) bromodichloromethane	0.000		0	N.D.		
58) 1,4-dioxane	0.000		0	N.D.		
59) trichloroethene	0.000		0	N.D.		
60) 2,2,4-trimethylpentane	12.680		0	N.D.		
62) heptane	0.000		0	N.D.		
63) cis-1,3-dichloropropene	0.000		0	N.D.		
64) 4-methyl-2-pentanone	0.000		0	N.D.		
65) trans-1,3-dichloropropene	0.000		0	N.D.		
66) 1,1,2-trichloroethane	0.000		0	N.D.		
68) toluene	0.000		0	N.D.		
72) 2-hexanone	0.000		0	N.D.		
74) dibromochloromethane	0.000		0	N.D.		
75) 1,2-dibromoethane	0.000		0	N.D.		
78) tetrachloroethene	0.000		0	N.D.		
80) chlorobenzene	0.000		0	N.D.		
81) ethylbenzene	0.000		0	N.D.		
83) m+p-xylene	0.000		0	N.D.		
84) bromoform	0.000		0	N.D.		
85) styrene	0.000		0	N.D.		
86) 1,1,2,2-tetrachloroethane	0.000		0	N.D.		
87) o-xylene	0.000		0	N.D.		
96) 4-ethyl toluene	0.000		0	N.D.		
97) 1,3,5-trimethylbenzene	0.000		0	N.D.		
99) 1,2,4-trimethylbenzene	0.000		0	N.D.		
101) Benzyl Chloride	0.000		0	N.D.		
102) 1,3-dichlorobenzene	0.000		0	N.D.		
103) 1,4-dichlorobenzene	0.000		0	N.D.		
107) 1,2-dichlorobenzene	0.000		0	N.D.		
115) 1,2,4-trichlorobenzene	20.950		0	N.D.		
119) hexachlorobutadiene	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0519T\
Data File : r322227.D
Acq On : 19 May 2022 4:38 PM
Operator : AIRPIANO3:TS
Sample : WG1640711-4,3,250,250
Misc : WG1640711,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 19 22:13:49 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0519T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

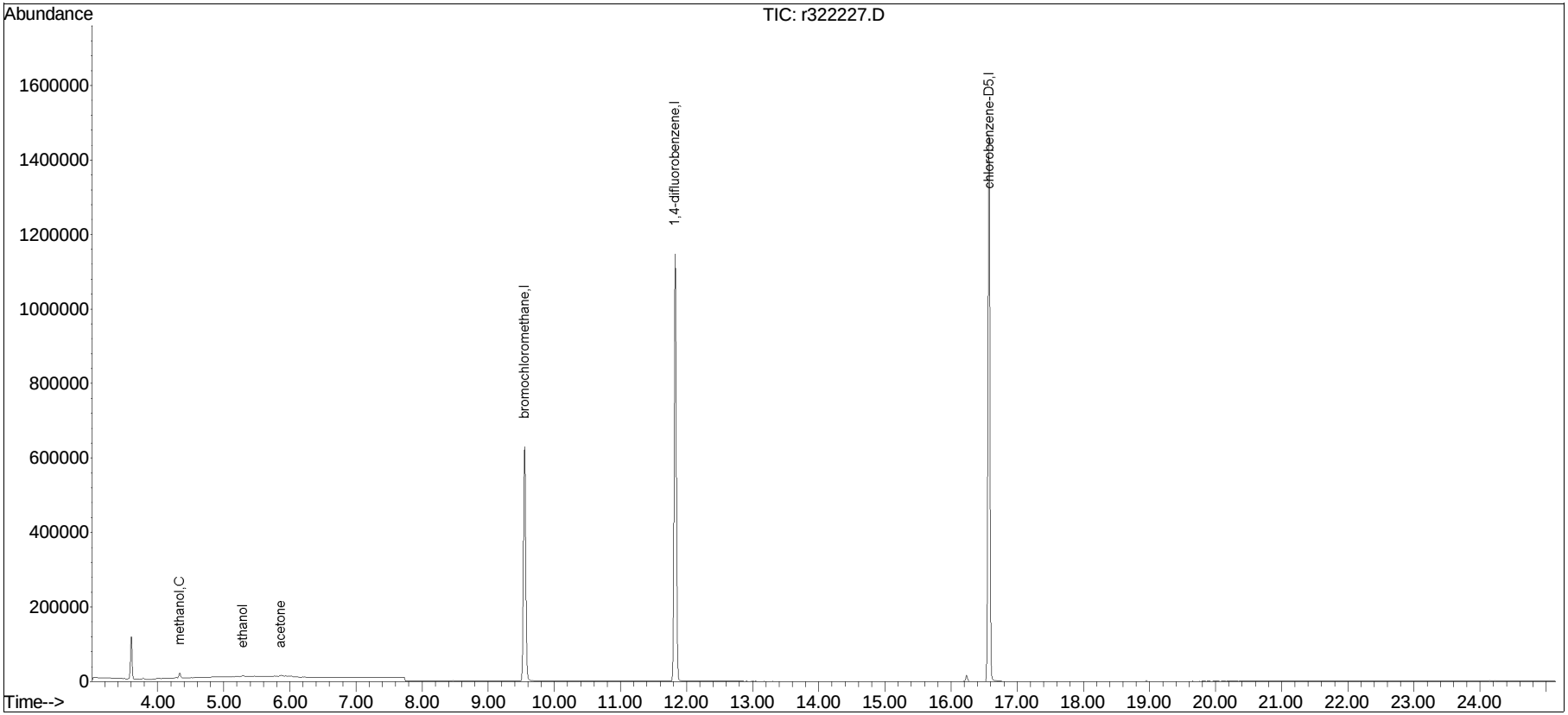
CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0519T\r322225.D
Sub List : Default-LCS-AP2 - All compounds listed

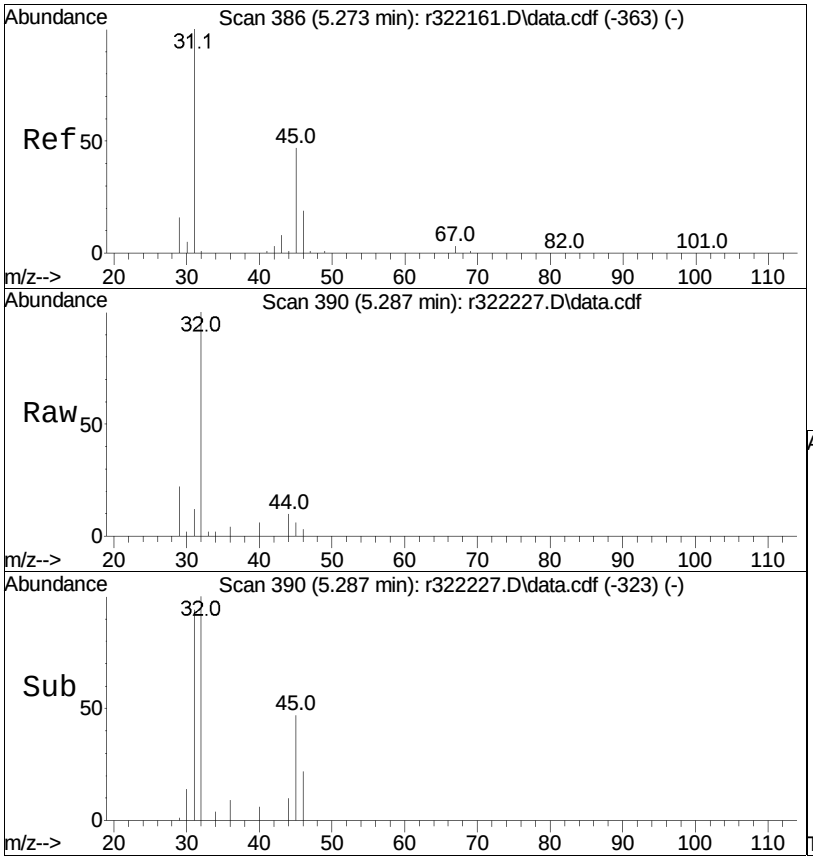
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Sub List : Default-LCS-AP2 - All compounds listed19T\r322225.D

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0519T\
Data File : r322227.D
Acq On : 19 May 2022 4:38 PM
Operator : AIRPIANO3:TS
Sample : WG1640711-4,3,250,250
Misc : WG1640711,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 19 22:13:49 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0519T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

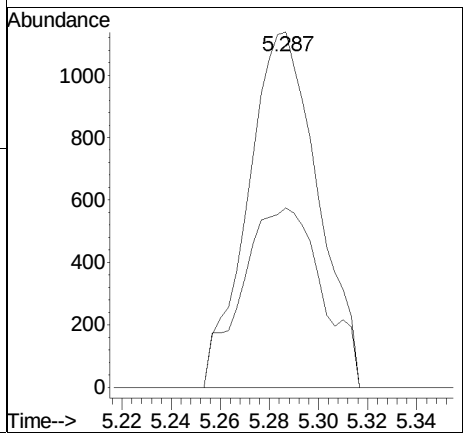


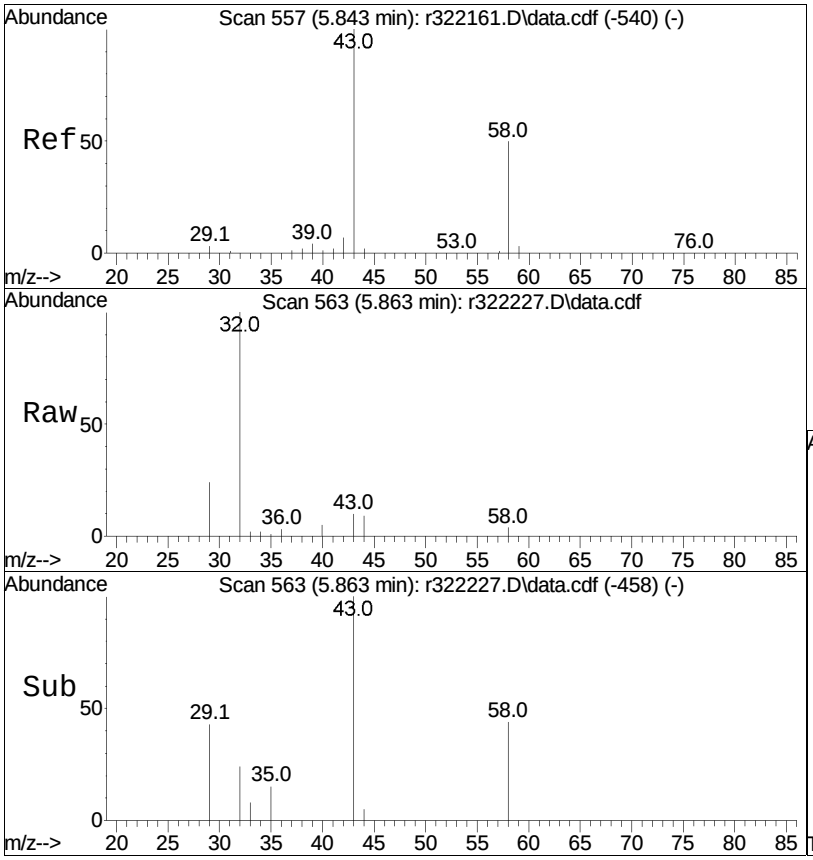


#15
ethanol
Concen: 0.13 ppbV
RT: 5.287 min Scan# 390
Delta R.T. 0.013 min
Lab File: r322227.D
Acq: 19 May 2022 4:38 PM

Tgt Ion: 31 Resp: 2255

Ion	Ratio	Lower	Upper
31	100		
45	50.5	37.6	56.4

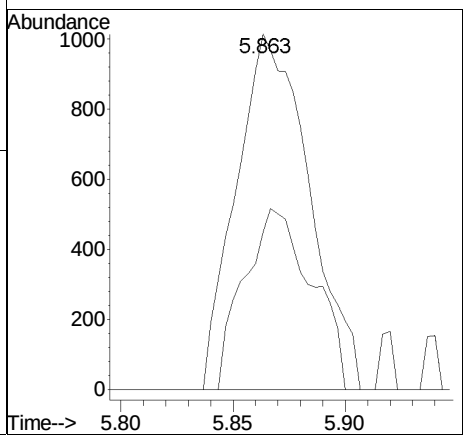




#19
acetone
Concen: 0.10 ppbV
RT: 5.863 min Scan# 563
Delta R.T. 0.020 min
Lab File: r322227.D
Acq: 19 May 2022 4:38 PM

Tgt Ion: 43 Resp: 2295

Ion	Ratio	Lower	Upper
43	100		
58	44.3	39.8	59.8
57	0.0	1.0	1.6#



Manual Integration Report

Data Path	: O:\Forensics\Data\Airpiano	QMethod	: TFS3_220516.M
Data File	: r322227.D	Operator	: AIRPIANO3:TS
Date Inj'd	: 5/19/2020 0:4: 8	Instrument	:
Sample	: WG1640711-4,3,250,250	Quant Date	: 5/19/2022 10:13 pm

There are no manual integrations or false positives in this file.

Evaluate Continuing Calibration Report

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518T\
Data File : r322194.D
Acq On : 18 May 2022 1:48 PM
Operator : AIRPIANO3:TS
Sample : WG1640147-3,3,250,250
Misc : WG1640147,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 18 15:34:19 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	bromochloromethane	10.000	10.000	0.0	104	-0.03
2		chlorodifluoromethane	10.000	10.343	-3.4	132	-0.02
3		propylene	10.000	11.440	-14.4	157	-0.02
4		propane	10.000	9.980	0.2	133	-0.01
5		dichlorodifluoromethane	10.000	11.384	-13.8	141	-0.01
6	C	chloromethane	10.000	11.030	-10.3	144	-0.02
7		Freon-114	10.000	11.797	-18.0	147	-0.02
8	C	methanol	50.000	38.471	23.1	85	-0.02
9	C	vinyl chloride	10.000	11.585	-15.9	148	-0.02
10	C	1,3-butadiene	10.000	12.086	-20.9	157	-0.02
11		butane	10.000	10.124	-1.2	140	-0.02
13	C	bromomethane	10.000	11.558	-15.6	149	-0.02
14	C	chloroethane	10.000	11.397	-14.0	150	-0.02
15		ethanol	50.000	57.364	-14.7	139	-0.02
16		dichlorofluoromethane	10.000	11.676	-16.8	140	-0.02
17	C	vinyl bromide	10.000	11.453	-14.5	147	-0.02
18	C	acrolein	10.000	7.258	27.4	133	-0.02
19		acetone	50.000	55.760	-11.5	158	-0.03
20	C	acetonitrile	10.000	9.146	8.5	135	-0.02
21		trichlorofluoromethane	10.000	12.066	-20.7	150	-0.02
22		isopropyl alcohol	25.000	32.250	-29.0	161	-0.03
23	C	acrylonitrile	10.000	10.850	-8.5	145	-0.03
24		pentane	10.000	10.687	-6.9	145	-0.02
25		ethyl ether	10.000	10.134	-1.3	140	-0.02
26	C	1,1-dichloroethene	10.000	11.666	-16.7	150	-0.02
27		tertiary butyl alcohol	10.000	11.969	-19.7	155	-0.03
28	C	methylene chloride	10.000	9.709	2.9	120	-0.02
29	C	3-chloropropene	10.000	12.683	-26.8	164	-0.03
30	C	carbon disulfide	10.000	11.009	-10.1	140	-0.02
31		Freon 113	10.000	11.854	-18.5	152	-0.03
32		trans-1,2-dichloroethene	10.000	11.100	-11.0	143	-0.03
33	C	1,1-dichloroethane	10.000	11.345	-13.5	148	-0.03
34	C	MTBE	10.000	12.026	-20.3	153	-0.02
35	C	vinyl acetate	10.000	10.907	-9.1	150	-0.03
36	C	2-butanone	10.000	10.839	-8.4	148	-0.03
37		cis-1,2-dichloroethene	10.000	11.610	-16.1	149	-0.03
38		Ethyl Acetate	10.000	11.834	-18.3	154	-0.03
39	C	chloroform	10.000	11.970	-19.7	150	-0.03
40		Tetrahydrofuran	10.000	11.248	-12.5	148	-0.03

Evaluate Continuing Calibration Report

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518T\
Data File : r322194.D
Acq On : 18 May 2022 1:48 PM
Operator : AIRPIANO3:TS
Sample : WG1640147-3,3,250,250
Misc : WG1640147,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 18 15:34:19 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		2,2-dichloropropane	10.000	11.743	-17.4	143	-0.03
42	C	1,2-dichloroethane	10.000	11.107	-11.1	145	-0.02
43	I	1,4-difluorobenzene	10.000	10.000	0.0	103	-0.03
44	C	hexane	10.000	11.147	-11.5	143	-0.03
45		diisopropyl ether	10.000	10.966	-9.7	142	-0.03
46		tert-butyl ethyl ether	10.000	11.122	-11.2	140	-0.03
48	C	1,1,1-trichloroethane	10.000	11.692	-16.9	152	-0.03
49		1,1-dichloropropene	10.000	11.436	-14.4	146	-0.03
50	C	benzene	10.000	10.195	-2.0	144	-0.03
52	C	carbon tetrachloride	10.000	12.335	-23.4	151	-0.03
53		cyclohexane	10.000	11.270	-12.7	149	-0.03
54		tert-amyl methyl ether	10.000	11.150	-11.5	142	-0.03
55		dibromomethane	10.000	10.667	-6.7	141	-0.03
56	C	1,2-dichloropropane	10.000	11.349	-13.5	149	-0.03
57		bromodichloromethane	10.000	11.896	-19.0	151	-0.03
58	C	1,4-dioxane	10.000	11.787	-17.9	154	-0.03
59	C	trichloroethene	10.000	11.672	-16.7	149	-0.03
60	C	2,2,4-trimethylpentane	10.000	11.766	-17.7	154	-0.02
61		methyl methacrylate	10.000	12.184	-21.8	159	-0.03
62		heptane	10.000	11.558	-15.6	152	-0.02
63	C	cis-1,3-dichloropropene	10.000	12.679	-26.8	159	-0.03
64	C	4-methyl-2-pentanone	10.000	12.053	-20.5	151	-0.03
65		trans-1,3-dichloropropene	10.000	11.328	-13.3	138	-0.03
66	C	1,1,2-trichloroethane	10.000	11.771	-17.7	152	-0.02
67	I	chlorobenzene-D5	10.000	10.000	0.0	102	-0.02
68	C	toluene	10.000	11.429	-14.3	146	-0.02
71		1,3-dichloropropane	10.000	10.912	-9.1	139	-0.02
72		2-hexanone	10.000	12.100	-21.0	146	-0.02
74		dibromochloromethane	10.000	12.836	-28.4	156	-0.03
75	C	1,2-dibromoethane	10.000	12.017	-20.2	148	-0.03
76		butyl acetate	10.000	11.421	-14.2	137	-0.02
77		octane	10.000	10.922	-9.2	138	-0.03
78	C	tetrachloroethene	10.000	11.879	-18.8	148	-0.02
79		1,1,1,2-tetrachloroethane	10.000	11.814	-18.1	142	-0.03
80	C	chlorobenzene	10.000	11.768	-17.7	146	-0.02
81	C	ethylbenzene	10.000	11.883	-18.8	148	-0.02
83	C	m+p-xylene	20.000	23.986	-19.9	146	-0.02

Evaluate Continuing Calibration Report

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518T\
Data File : r322194.D
Acq On : 18 May 2022 1:48 PM
Operator : AIRPIANO3:TS
Sample : WG1640147-3,3,250,250
Misc : WG1640147,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 18 15:34:19 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
84	C	bromoform	10.000	13.223	-32.2#	156	-0.02
85	C	styrene	10.000	12.195	-22.0	148	-0.02
86	C	1,1,2,2-tetrachloroethane	10.000	12.374	-23.7	146	-0.02
87	C	o-xylene	10.000	12.281	-22.8	147	-0.02
88		1,2,3-trichloropropane	10.000	11.104	-11.0	138	-0.02
89		nonane	10.000	11.010	-10.1	138	-0.02
91	C	isopropylbenzene	10.000	11.735	-17.3	144	-0.02
92		bromobenzene	10.000	11.354	-13.5	140	-0.02
93		2-chlorotoluene	10.000	11.107	-11.1	137	-0.02
94		n-propylbenzene	10.000	11.488	-14.9	141	-0.02
95		4-chlorotoluene	10.000	11.193	-11.9	137	-0.02
96		4-ethyl toluene	10.000	12.127	-21.3	144	-0.02
97		1,3,5-trimethylbenzene	10.000	11.446	-14.5	129	-0.02
98		tert-butylbenzene	10.000	11.855	-18.6	136	-0.02
99		1,2,4-trimethylbenzene	10.000	12.941	-29.4	147	-0.02
100		decane	10.000	11.523	-15.2	137	-0.02
101	C	Benzyl Chloride	10.000	14.845	-48.5#	158	-0.02
102		1,3-dichlorobenzene	10.000	12.513	-25.1	144	-0.02
103	C	1,4-dichlorobenzene	10.000	12.543	-25.4	147	-0.02
104		sec-butylbenzene	10.000	11.691	-16.9	137	-0.02
106		p-isopropyltoluene	10.000	11.660	-16.6	130	-0.02
107		1,2-dichlorobenzene	10.000	12.424	-24.2	146	-0.02
108		n-butylbenzene	10.000	12.262	-22.6	141	-0.02
111	C	1,2-dibromo-3-chloropropane	10.000	12.762	-27.6	138	-0.02
112		undecane	10.000	12.074	-20.7	136	-0.02
114		dodecane	10.000	11.736	-17.4	121	-0.02
115	C	1,2,4-trichlorobenzene	10.000	12.962	-29.6	143	-0.02
116		naphthalene	10.000	12.440	-24.4	137	-0.02
117		1,2,3-trichlorobenzene	10.000	12.338	-23.4	137	-0.02
119	C	hexachlorobutadiene	10.000	12.862	-28.6	145	-0.02

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 2

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518T\
Data File : r322194.D
Acq On : 18 May 2022 1:48 PM
Operator : AIRPIANO3:TS
Sample : WG1640147-3,3,250,250
Misc : WG1640147,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 18 15:34:19 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0518T\r322194.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.533	49	443368	10.000	ppbV	-0.03
Standard Area = 443368			Recovery = 100.00%			
43) 1,4-difluorobenzene	11.813	114	1337389	10.000	ppbV	-0.03
Standard Area = 1337389			Recovery = 100.00%			
67) chlorobenzene-D5	16.558	54	206902	10.000	ppbV	-0.02
Standard Area = 206902			Recovery = 100.00%			
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	3.940	85	396978	11.384	ppbV	100
6) chloromethane	4.120	50	184916	11.030	ppbV	100
7) Freon-114	4.246	85	534671	11.797	ppbV	99
9) vinyl chloride	4.378	62	251108	11.585	ppbV	100
10) 1,3-butadiene	4.540	54	211280	12.086	ppbV	99
13) bromomethane	4.858	94	200311	11.558	ppbV	100
14) chloroethane	5.080	64	126468	11.397	ppbV	100
15) ethanol	5.250	31	977130	57.364	ppbV	99
17) vinyl bromide	5.510	106	189507	11.453	ppbV	98
19) acetone	5.817	43	1354341	55.760	ppbV	99
21) trichlorofluoromethane	6.030	101	382644	12.066	ppbV	99
22) isopropyl alcohol	6.150	45	942579	32.250	ppbV	100
26) 1,1-dichloroethene	6.806	61	327906	11.666	ppbV	100
27) tertiary butyl alcohol	6.878	59	435258	11.969	ppbV	99
28) methylene chloride	6.974	49	268576	9.709	ppbV	99
29) 3-chloropropene	7.112	41	335821	12.683	ppbV	99
30) carbon disulfide	7.268	76	697904	11.009	ppbV	99
31) Freon 113	7.304	101	420286	11.854	ppbV	99
32) trans-1,2-dichloroethene	8.108	61	319118	11.100	ppbV	99
33) 1,1-dichloroethane	8.342	63	391002	11.345	ppbV	100
34) MTBE	8.425	73	619862	12.026	ppbV	100
36) 2-butanone	8.825	43	478676	10.839	ppbV	100
37) cis-1,2-dichloroethene	9.350	61	297910	11.610	ppbV	99
38) Ethyl Acetate	9.642	61	85126	11.834	ppbV	78
39) chloroform	9.700	83	415380	11.970	ppbV	99
40) Tetrahydrofuran	10.150	42	286753	11.248	ppbV	100
42) 1,2-dichloroethane	10.550	62	240702	11.107	ppbV	99

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518T\
Data File : r322194.D
Acq On : 18 May 2022 1:48 PM
Operator : AIRPIANO3:TS
Sample : WG1640147-3,3,250,250
Misc : WG1640147,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 18 15:34:19 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0518T\r322194.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) hexane	9.617	57	424969	11.147	ppbV	95
48) 1,1,1-trichloroethane	10.842	97	337304	11.692	ppbV	99
50) benzene	11.373	78	798212	10.195	ppbV	100
52) carbon tetrachloride	11.547	117	330237	12.335	ppbV	99
53) cyclohexane	11.693	56	446843	11.270	ppbV	99
56) 1,2-dichloropropane	12.333	63	267835	11.349	ppbV	99
57) bromodichloromethane	12.567	83	440673	11.896	ppbV	100
58) 1,4-dioxane	12.607	88	188511	11.787	ppbV	98
59) trichloroethene	12.613	130	351829	11.672	ppbV	99
60) 2,2,4-trimethylpentane	12.667	57	1386302	11.766	ppbV	100
62) heptane	12.987	43	507818	11.558	ppbV	100
63) cis-1,3-dichloropropene	13.633	75	424999	12.679	ppbV	99
64) 4-methyl-2-pentanone	13.667	43	606723	12.053	ppbV	99
65) trans-1,3-dichloropropene	14.258	75	342238	11.328	ppbV	99
66) 1,1,2-trichloroethane	14.458	97	295194	11.771	ppbV	99
68) toluene	14.767	91	888344	11.429	ppbV	100
72) 2-hexanone	15.058	43	565961	12.100	ppbV	97
74) dibromochloromethane	15.217	129	459568	12.836	ppbV	99
75) 1,2-dibromoethane	15.467	107	449743	12.017	ppbV	99
78) tetrachloroethene	15.942	166	447313	11.879	ppbV	100
80) chlorobenzene	16.600	112	785081	11.768	ppbV	99
81) ethylbenzene	16.958	91	1108209	11.883	ppbV	100
83) m+p-xylene	17.117	91	1827260	23.986	ppbV	100
84) bromoform	17.183	173	440443	13.223	ppbV	100
85) styrene	17.442	104	826685	12.195	ppbV	100
86) 1,1,2,2-tetrachloroethane	17.542	83	699819	12.374	ppbV	99
87) o-xylene	17.542	91	932618	12.281	ppbV	100
96) 4-ethyl toluene	18.600	105	1401487	12.127	ppbV	99
97) 1,3,5-trimethylbenzene	18.667	105	1211484	11.446	ppbV	98
99) 1,2,4-trimethylbenzene	18.992	105	1199823	12.941	ppbV	97
101) Benzyl Chloride	19.108	91	777787	14.845	ppbV	98
102) 1,3-dichlorobenzene	19.125	146	876124	12.513	ppbV	100
103) 1,4-dichlorobenzene	19.175	146	853919	12.543	ppbV	99
107) 1,2-dichlorobenzene	19.450	146	813985	12.424	ppbV	100
115) 1,2,4-trichlorobenzene	20.925	180	671092	12.962	ppbV	100
119) hexachlorobutadiene	21.358	225	624779	12.862	ppbV	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518T\
Data File : r322194.D
Acq On : 18 May 2022 1:48 PM
Operator : AIRPIANO3:TS
Sample : WG1640147-3,3,250,250
Misc : WG1640147,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 18 15:34:19 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

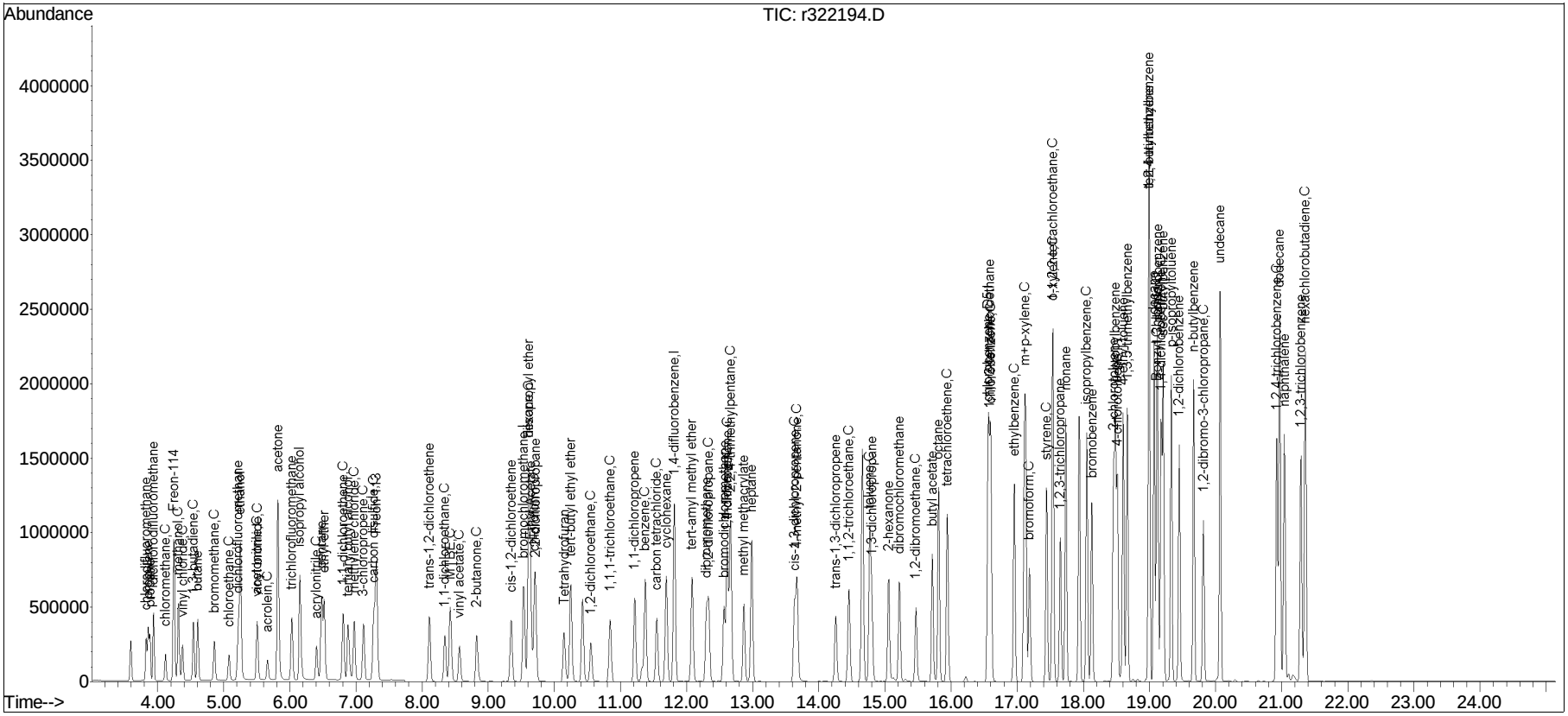
CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0518T\r322194.D
Sub List : Default-LCS-AP2 - All compounds listed

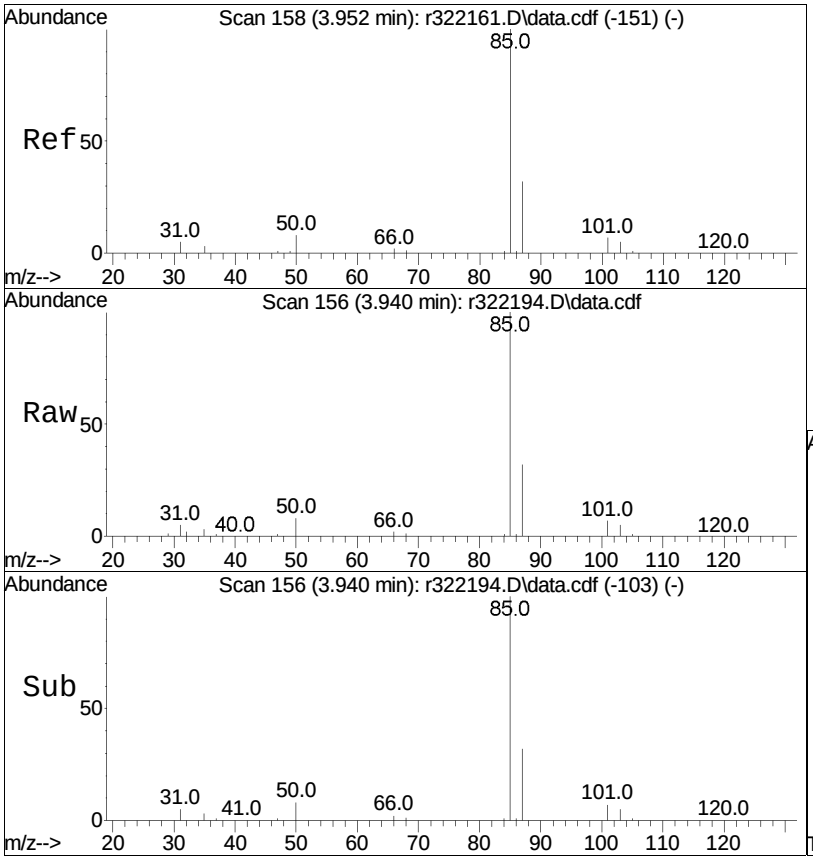
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Sub List : Default-LCS-AP2 - All compounds listed18T\r322194.D

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518T\
Data File : r322194.D
Acq On : 18 May 2022 1:48 PM
Operator : AIRPIANO3:TS
Sample : WG1640147-3,3,250,250
Misc : WG1640147,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 18 15:34:19 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

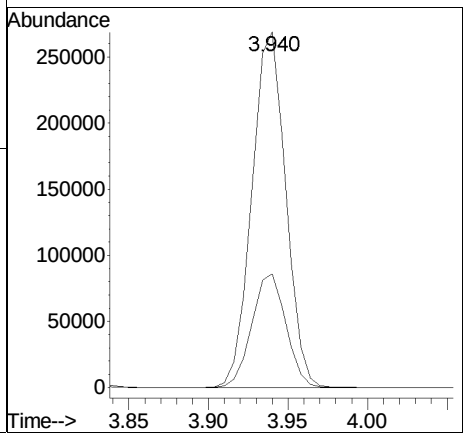


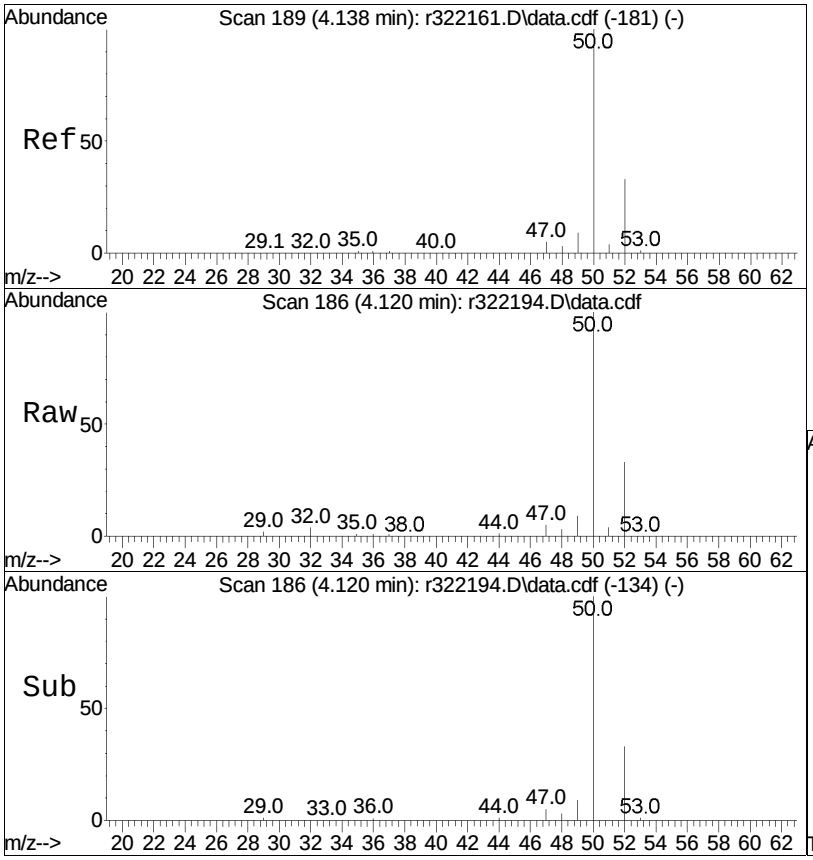


#5
dichlorodifluoromethane
Concen: 11.38 ppbV
RT: 3.940 min Scan# 156
Delta R.T. -0.012 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion: 85 Resp: 396978

Ion	Ratio	Lower	Upper
85	100		
87	32.0	25.8	38.6

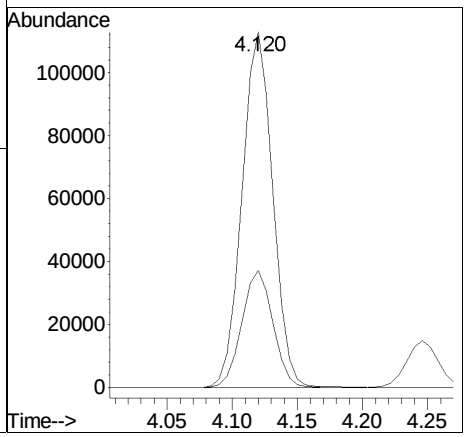


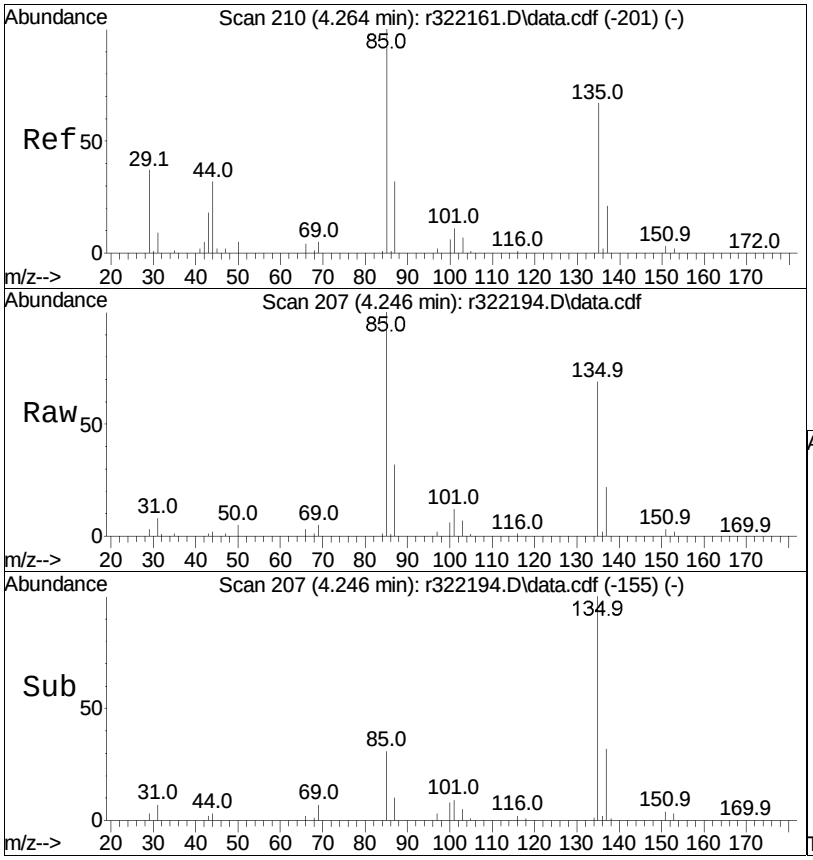


#6
chloromethane
Concen: 11.03 ppbV
RT: 4.120 min Scan# 186
Delta R.T. -0.018 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion: 50 Resp: 184916

Ion	Ratio	Lower	Upper
50	100		
52	32.9	26.3	39.5

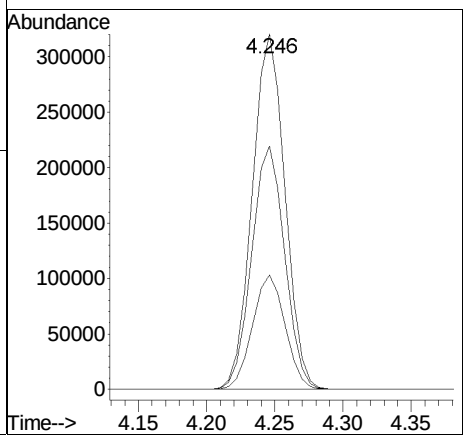


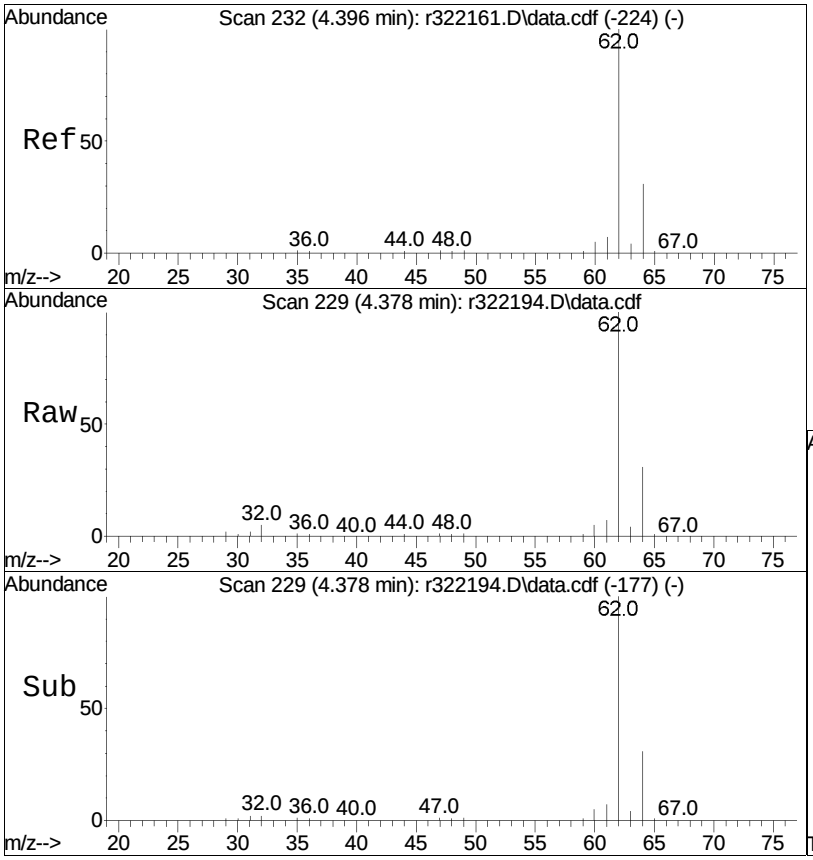


#7
Freon-114
Concen: 11.80 ppbV
RT: 4.246 min Scan# 207
Delta R.T. -0.018 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion: 85 Resp: 534671

Ion	Ratio	Lower	Upper
85	100		
87	32.2	25.7	38.5
135	68.5	53.8	80.6

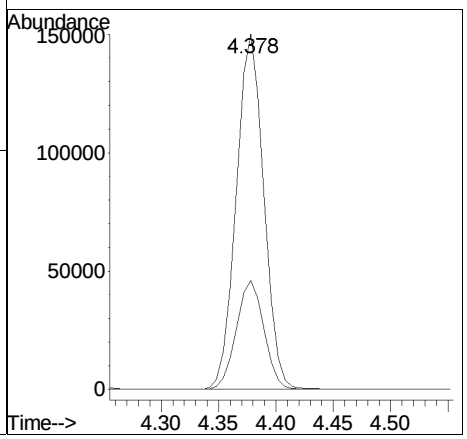


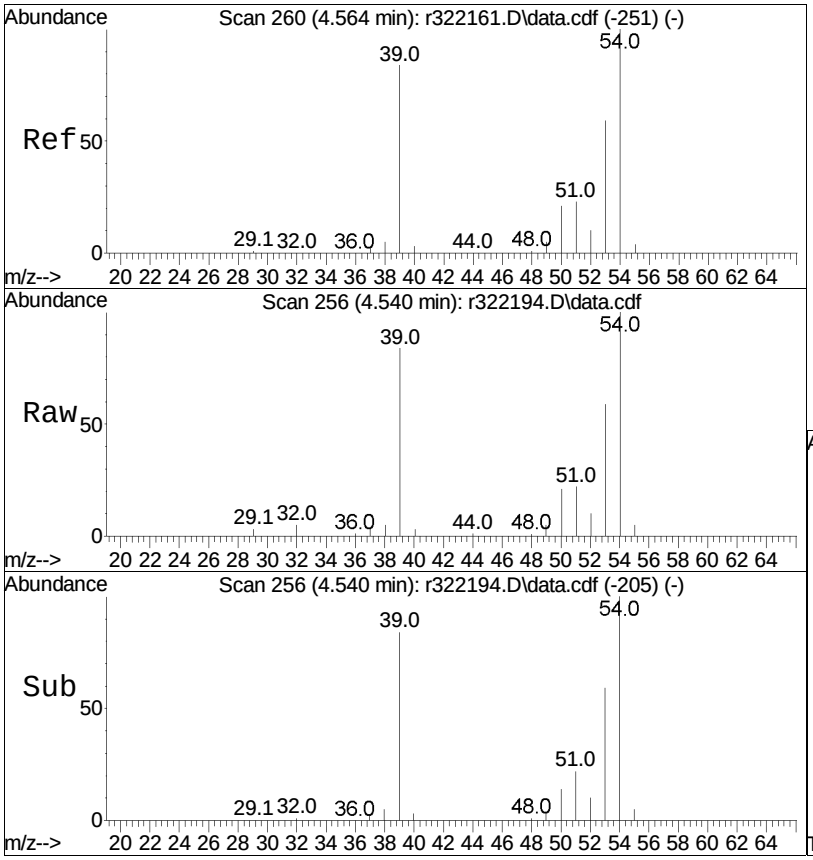


#9
vinyl chloride
Concen: 11.58 ppbV
RT: 4.378 min Scan# 229
Delta R.T. -0.018 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion: 62 Resp: 251108

Ion	Ratio	Lower	Upper
62	100		
64	30.7	24.4	36.6

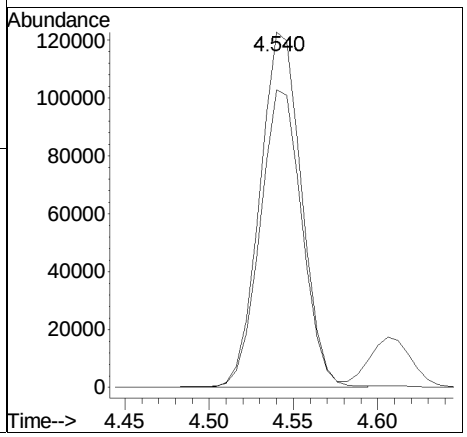


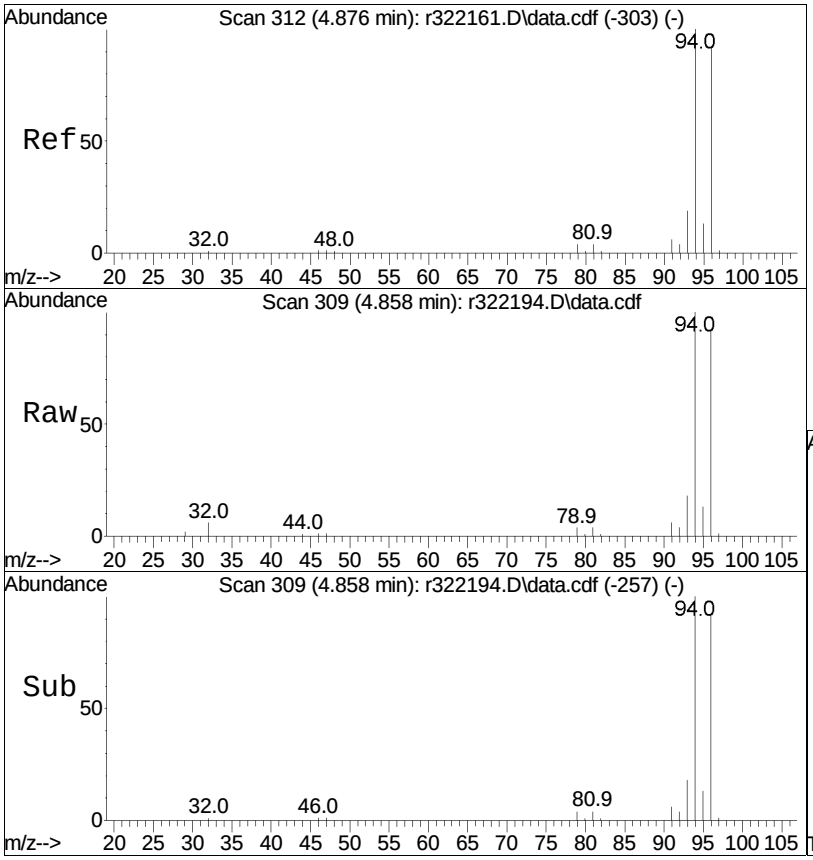


#10
1,3-butadiene
Concen: 12.09 ppbV
RT: 4.540 min Scan# 256
Delta R.T. -0.024 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion: 54 Resp: 211280

Ion	Ratio	Lower	Upper
54	100		
39	83.8	67.8	101.8

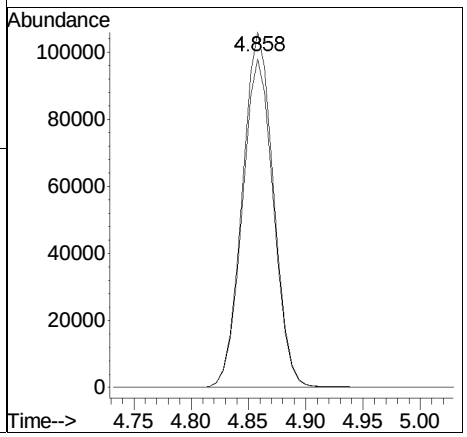


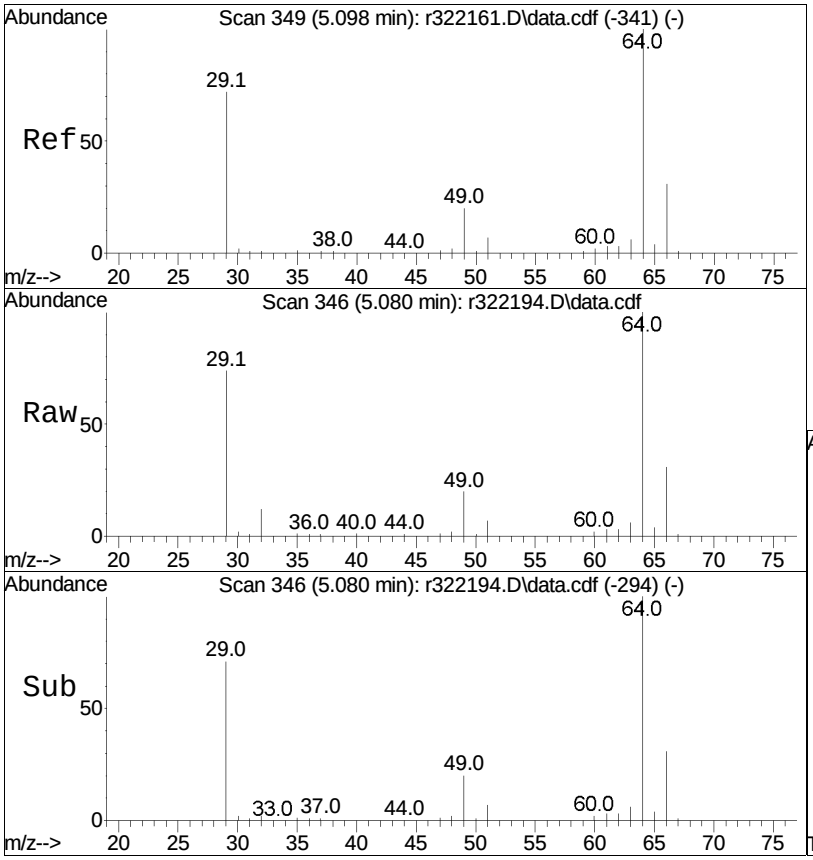


#13
bromomethane
Concen: 11.56 ppbV
RT: 4.858 min Scan# 309
Delta R.T. -0.018 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion: 94 Resp: 200311

Ion	Ratio	Lower	Upper
94	100		
96	92.5	73.8	110.6

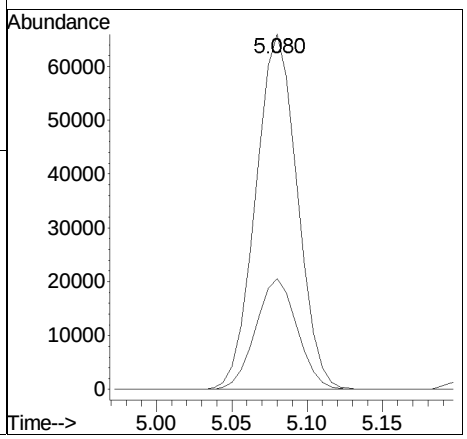


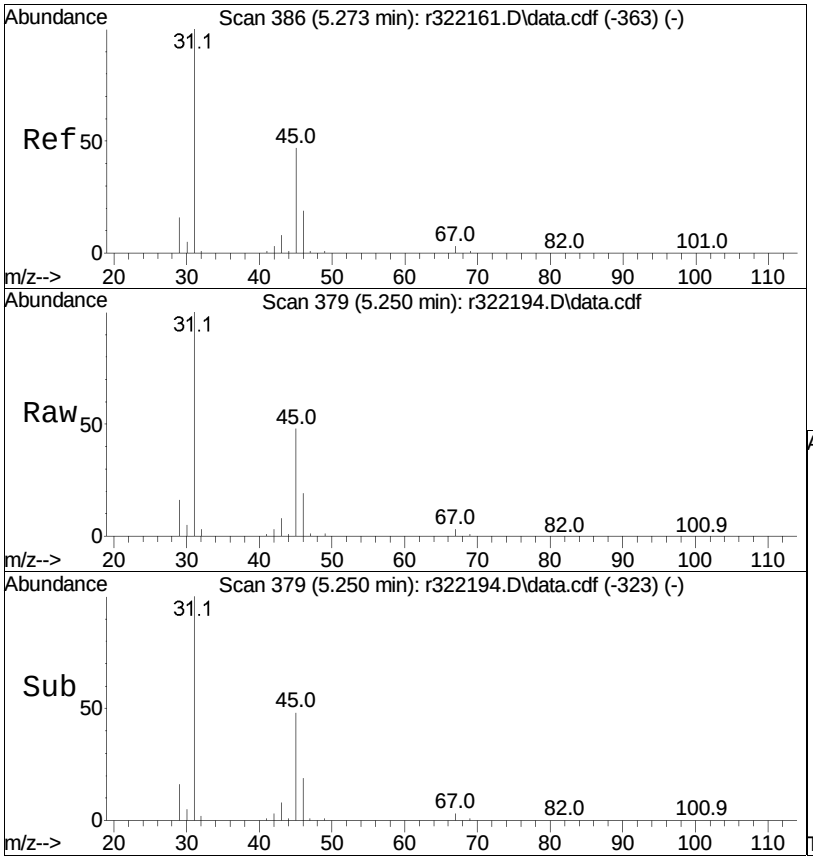


#14
chloroethane
Concen: 11.40 ppbV
RT: 5.080 min Scan# 346
Delta R.T. -0.018 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion: 64 Resp: 126468

Ion	Ratio	Lower	Upper
64	100		
66	31.2	24.9	37.3

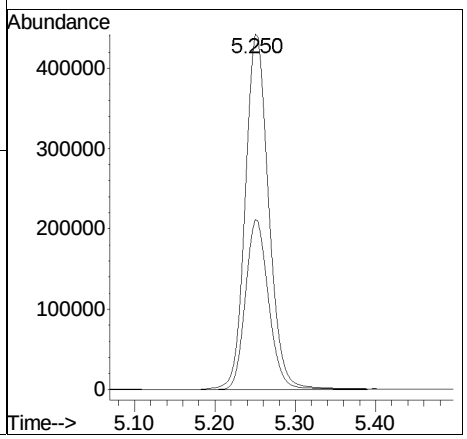


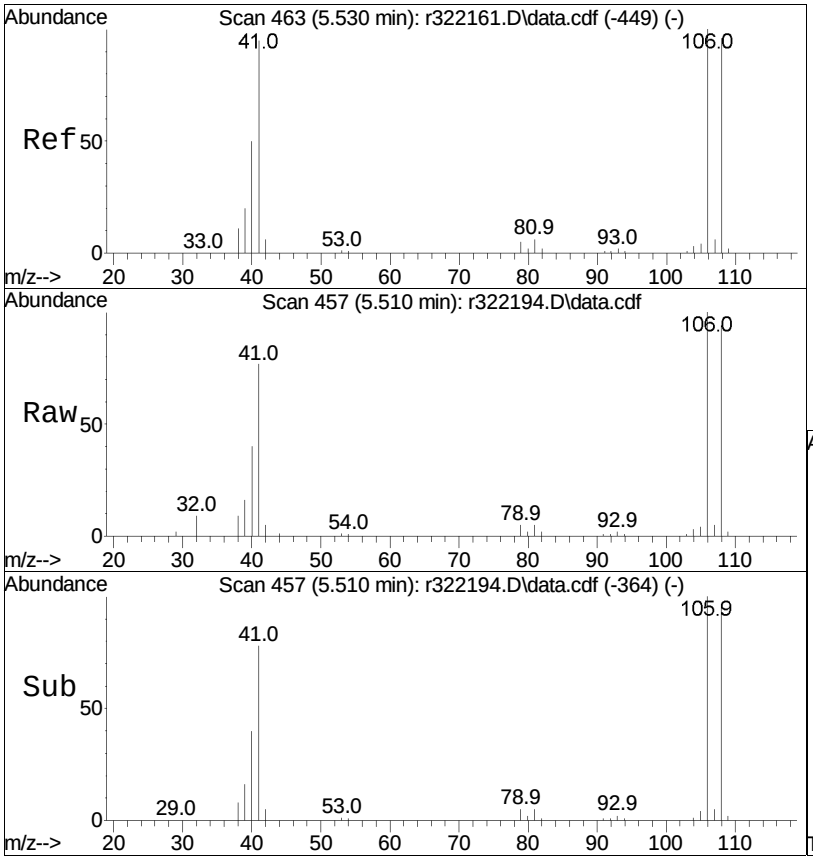


#15
ethanol
Concen: 57.36 ppbV
RT: 5.250 min Scan# 379
Delta R.T. -0.023 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion: 31 Resp: 977130

Ion	Ratio	Lower	Upper
31	100		
45	47.8	37.6	56.4

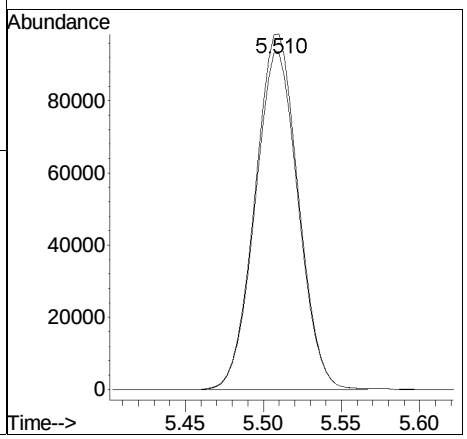


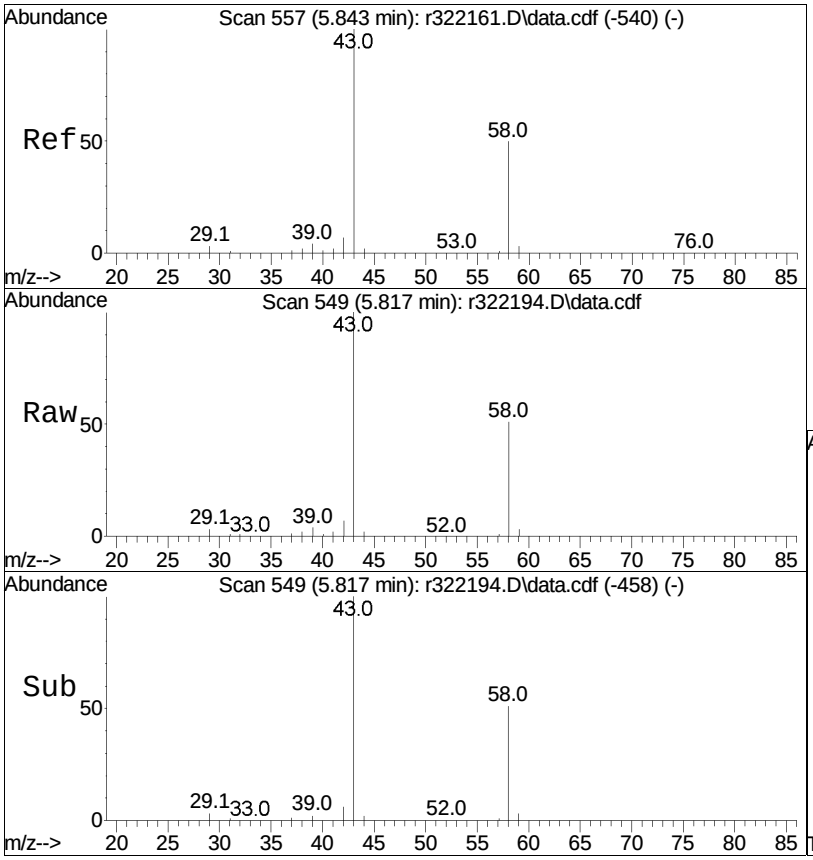


#17
vinyl bromide
Concen: 11.45 ppbV
RT: 5.510 min Scan# 457
Delta R.T. -0.020 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion:106 Resp: 189507

Ion	Ratio	Lower	Upper
106	100		
108	94.5	76.9	115.3

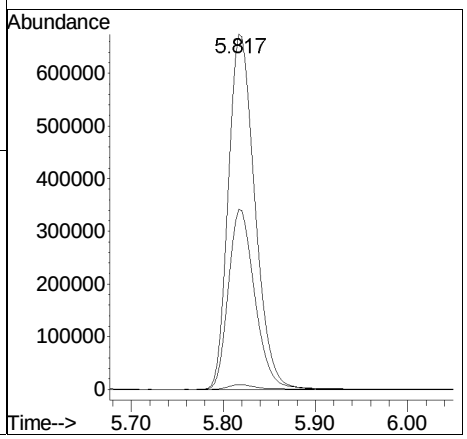


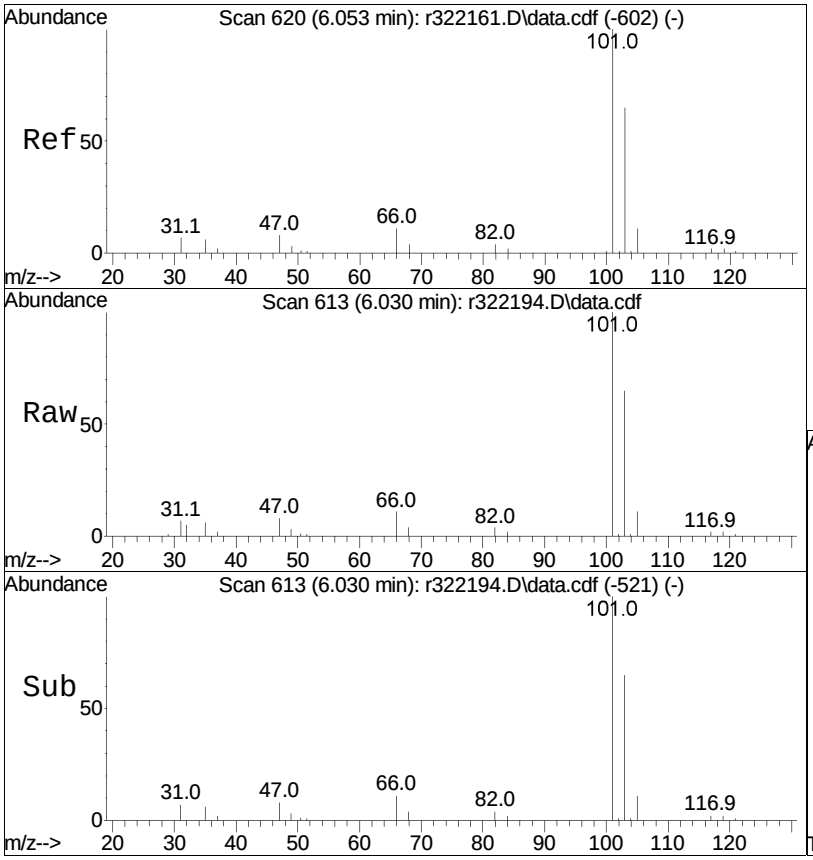


#19
acetone
Concen: 55.76 ppbV
RT: 5.817 min Scan# 549
Delta R.T. -0.027 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion: 43 Resp: 1354341

Ion	Ratio	Lower	Upper
43	100		
58	50.7	39.8	59.8
57	1.4	1.0	1.6

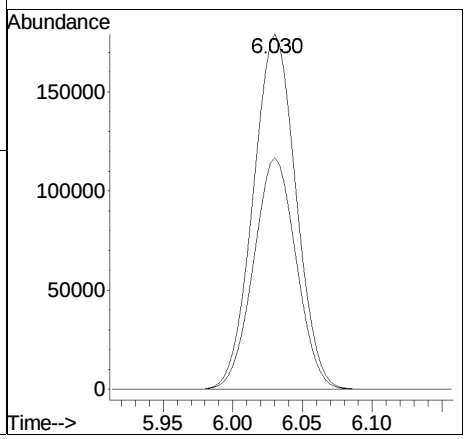


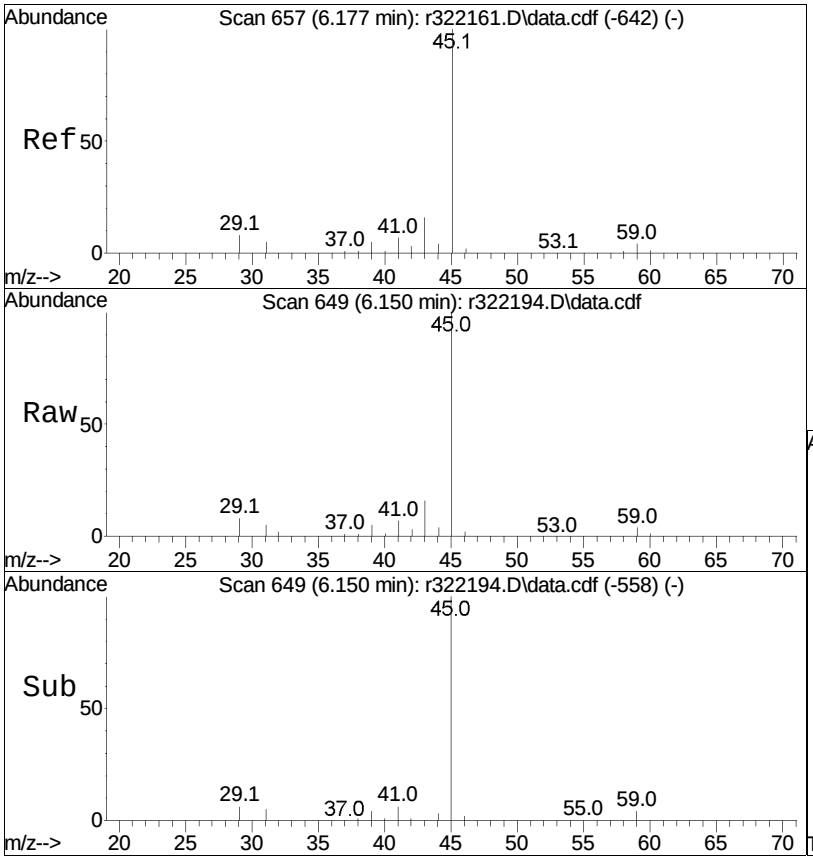


#21
trichlorofluoromethane
Concen: 12.07 ppbV
RT: 6.030 min Scan# 613
Delta R.T. -0.023 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion:101 Resp: 382644

Ion	Ratio	Lower	Upper
101	100		
103	65.2	51.8	77.6

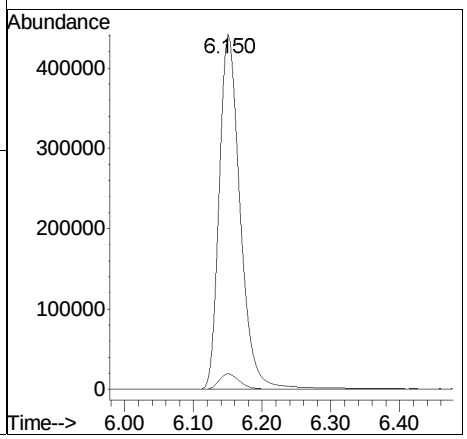


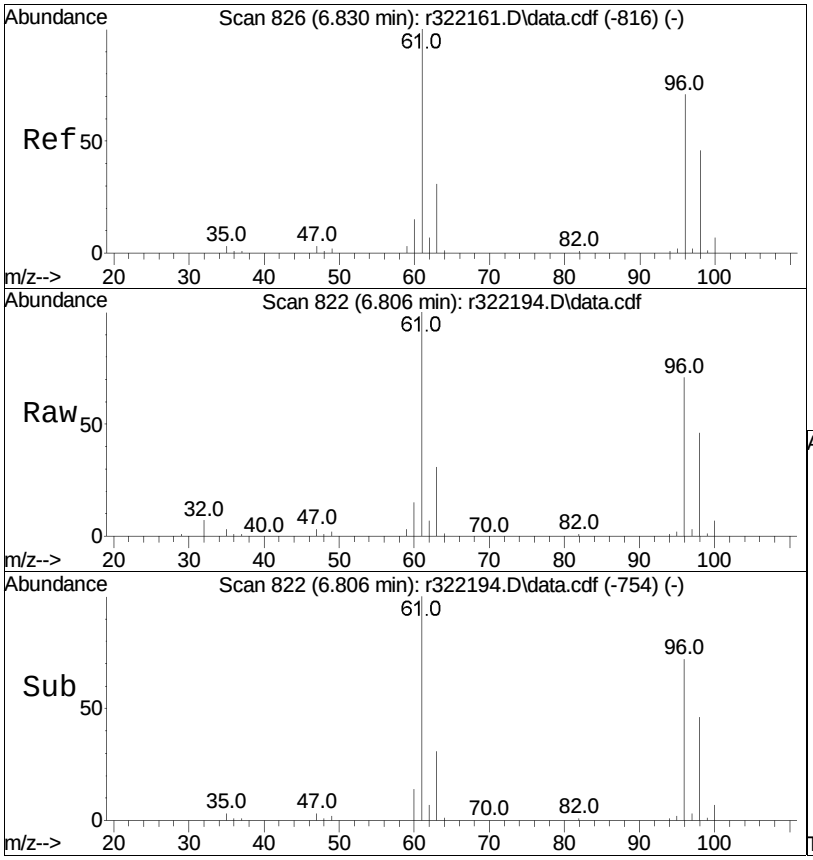


#22
isopropyl alcohol
Concen: 32.25 ppbV
RT: 6.150 min Scan# 649
Delta R.T. -0.027 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion: 45 Resp: 942579

Ion	Ratio	Lower	Upper
45	100		
59	4.4	3.5	5.3

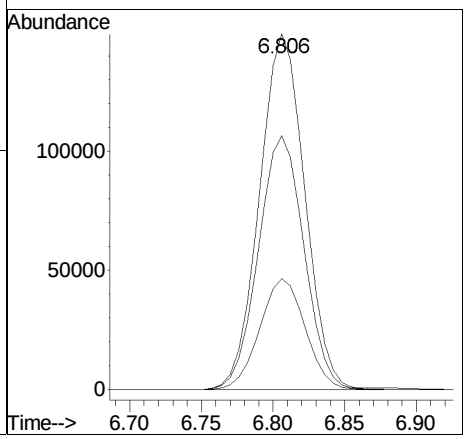


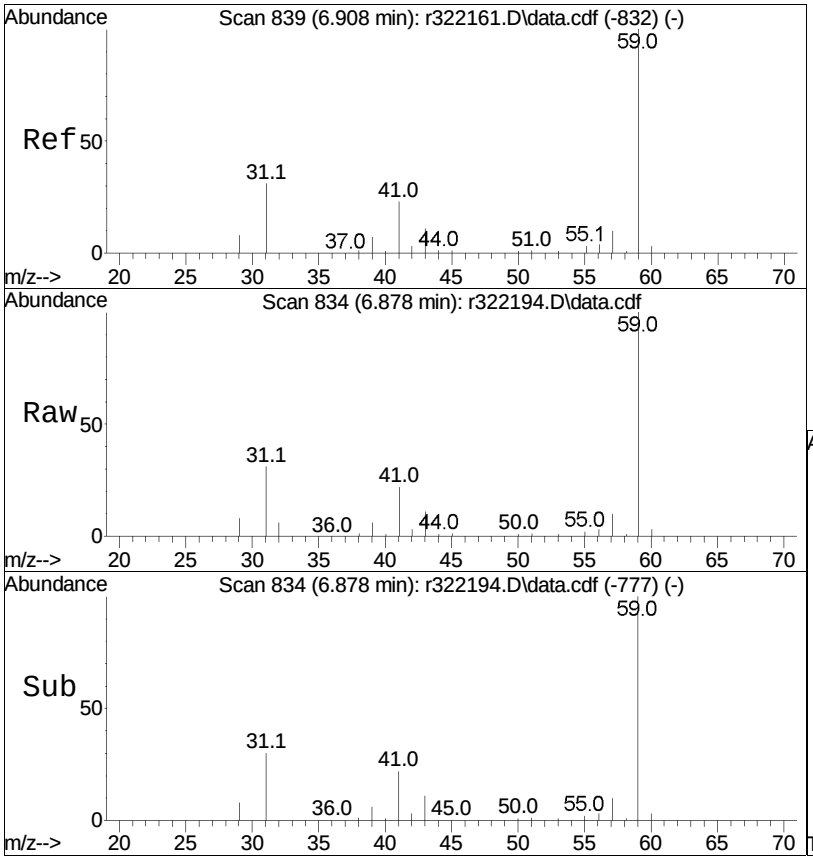


#26
1,1-dichloroethene
Concen: 11.67 ppbV
RT: 6.806 min Scan# 822
Delta R.T. -0.024 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion: 61 Resp: 327906

Ion	Ratio	Lower	Upper
61	100		
96	71.4	56.9	85.3
63	31.2	25.0	37.4

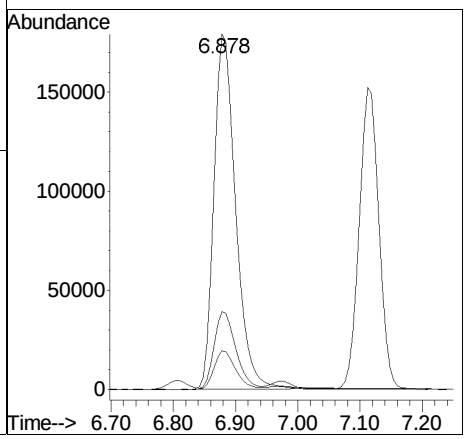


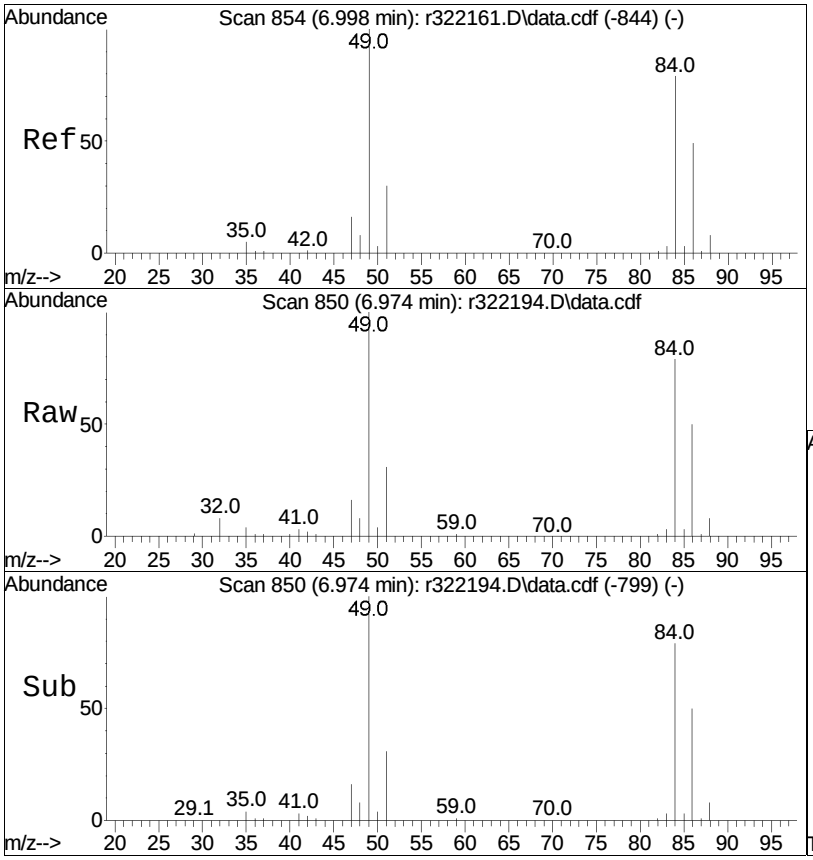


#27
tertiary butyl alcohol
Concen: 11.97 ppbV
RT: 6.878 min Scan# 834
Delta R.T. -0.030 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion: 59 Resp: 435258

Ion	Ratio	Lower	Upper
59	100		
41	21.9	18.2	27.2
43	10.9	8.9	13.3

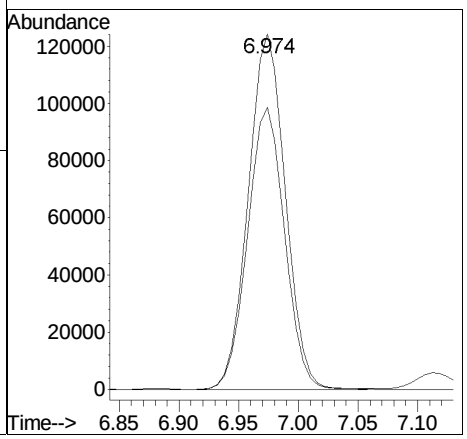


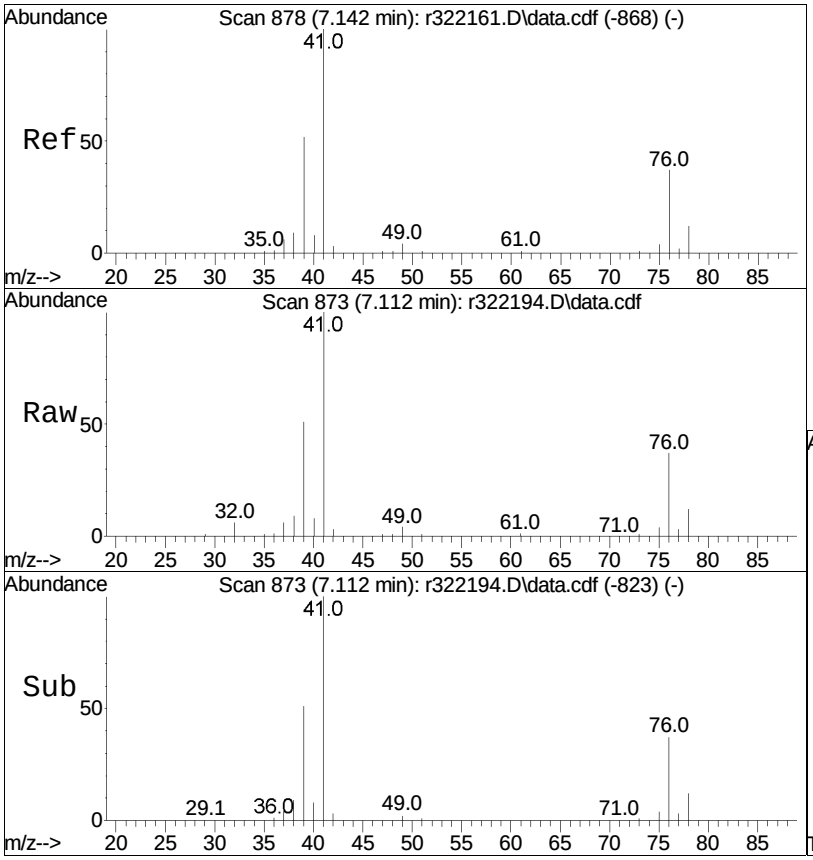


#28
methylene chloride
Concen: 9.71 ppbV
RT: 6.974 min Scan# 850
Delta R.T. -0.024 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion: 49 Resp: 268576

Ion	Ratio	Lower	Upper
49	100		
84	79.3	63.0	94.6

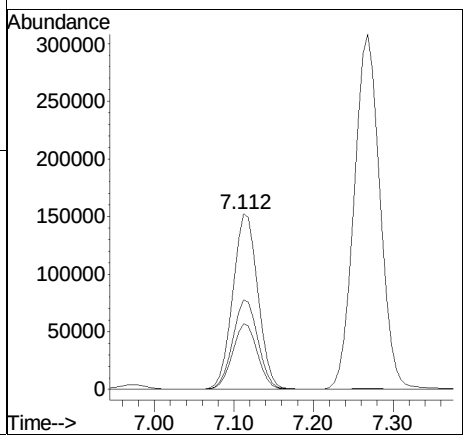


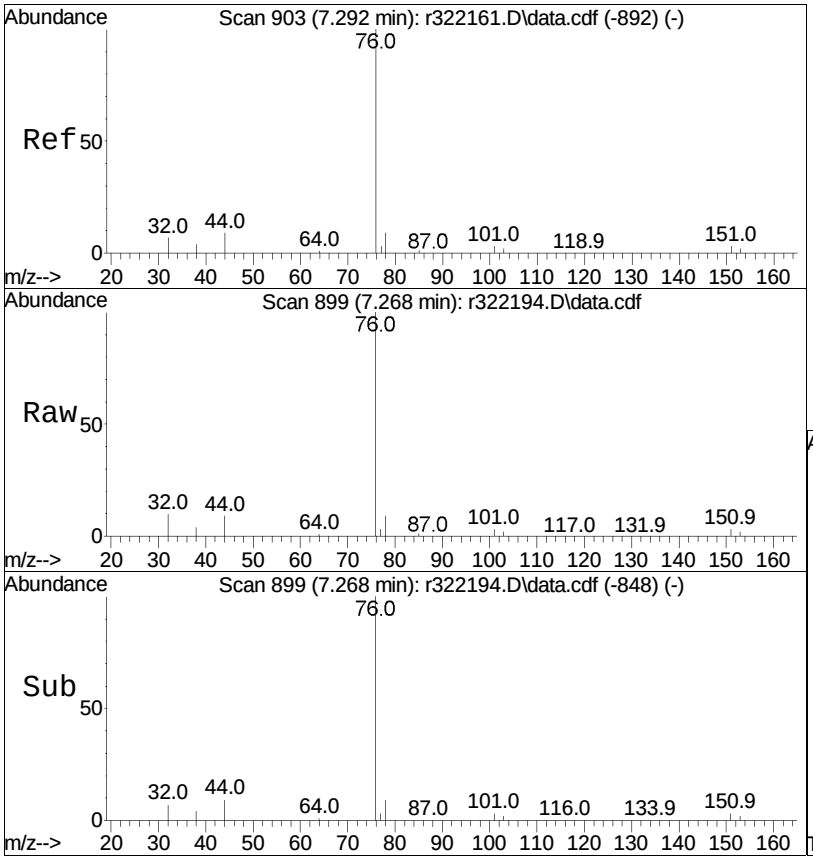


#29
3-chloropropene
Concen: 12.68 ppbV
RT: 7.112 min Scan# 873
Delta R.T. -0.030 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion: 41 Resp: 335821

Ion	Ratio	Lower	Upper
41	100		
39	51.0	41.4	62.0
76	37.4	29.4	44.2

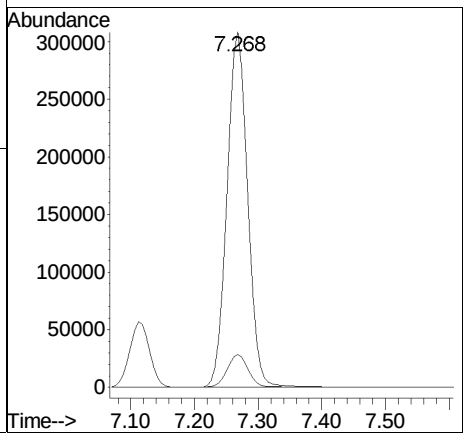


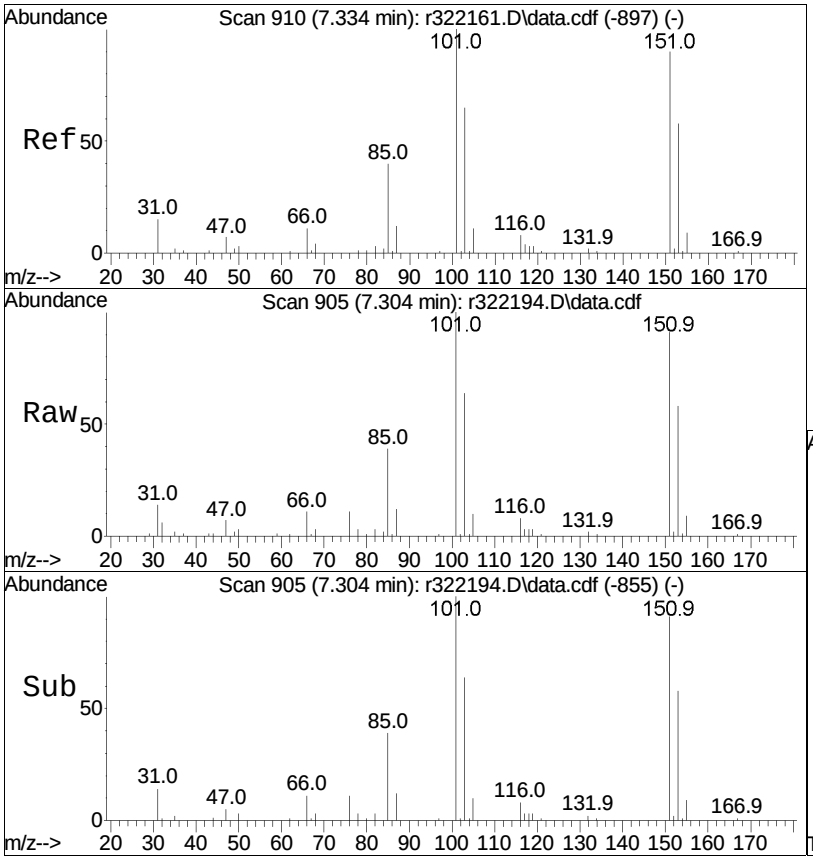


#30
carbon disulfide
Concen: 11.01 ppbV
RT: 7.268 min Scan# 899
Delta R.T. -0.024 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion: 76 Resp: 697904

Ion	Ratio	Lower	Upper
76	100		
44	9.3	7.6	11.4

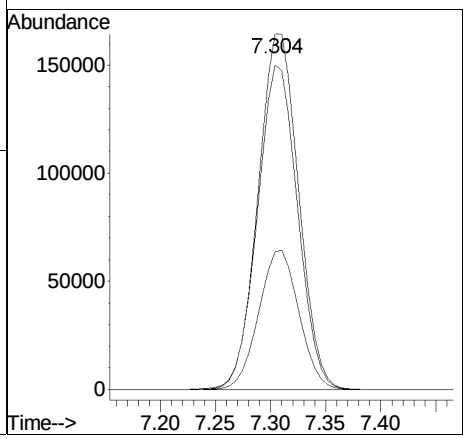


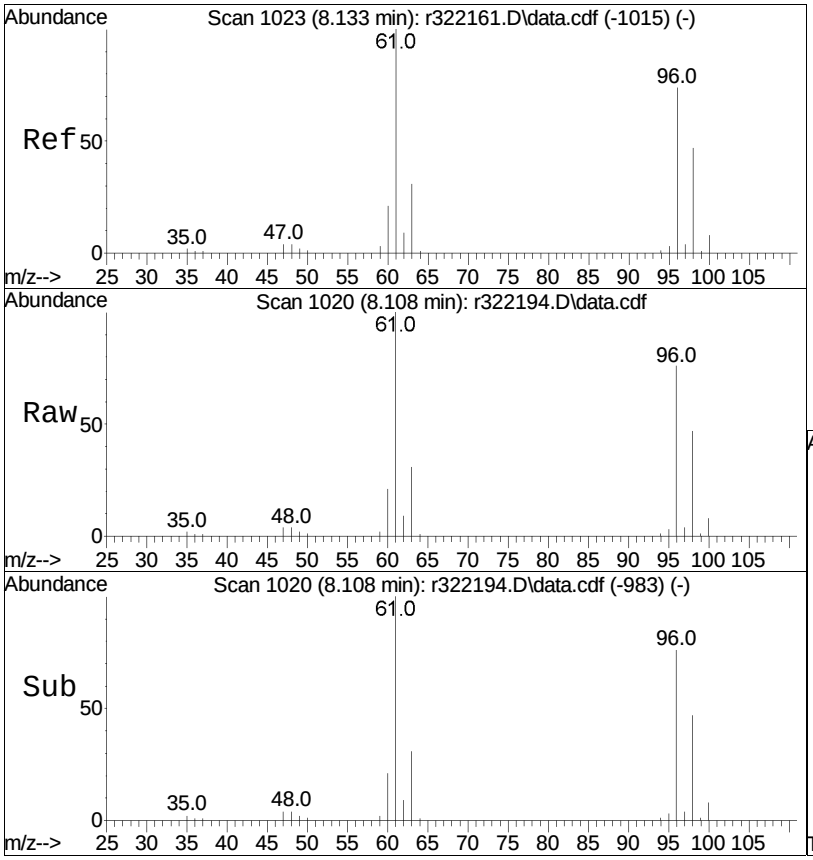


#31
Freon 113
Concen: 11.85 ppbV
RT: 7.304 min Scan# 905
Delta R.T. -0.030 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion:101 Resp: 420286

Ion	Ratio	Lower	Upper
101	100		
85	38.7	31.8	47.8
151	91.3	72.2	108.4

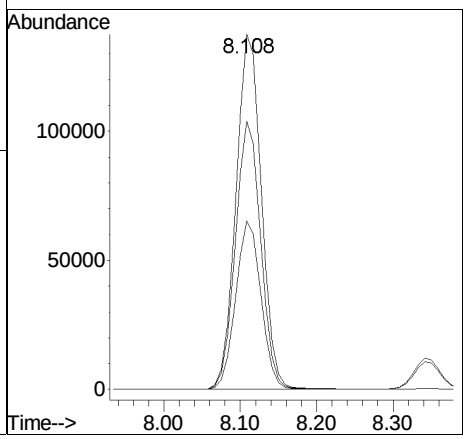


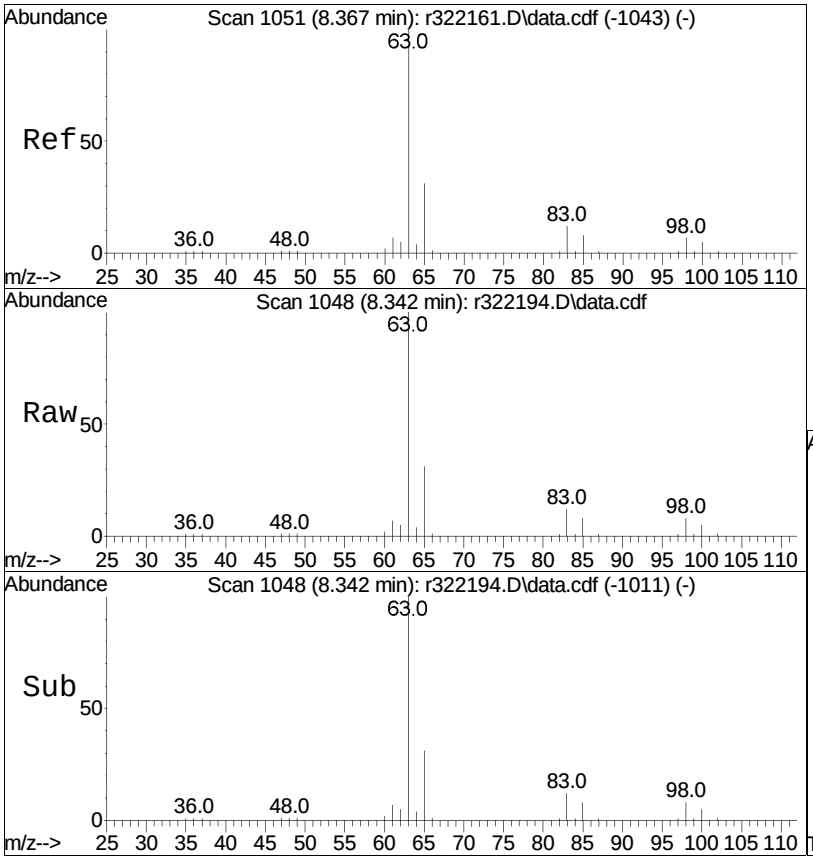


#32
trans-1,2-dichloroethene
Concen: 11.10 ppbV
RT: 8.108 min Scan# 1020
Delta R.T. -0.025 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion: 61 Resp: 319118

Ion	Ratio	Lower	Upper
61	100		
96	75.5	59.4	89.2
98	47.4	37.7	56.5

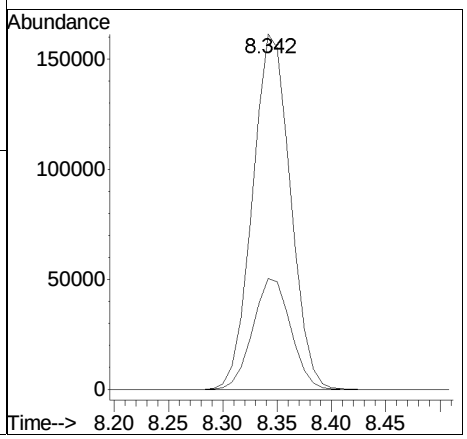


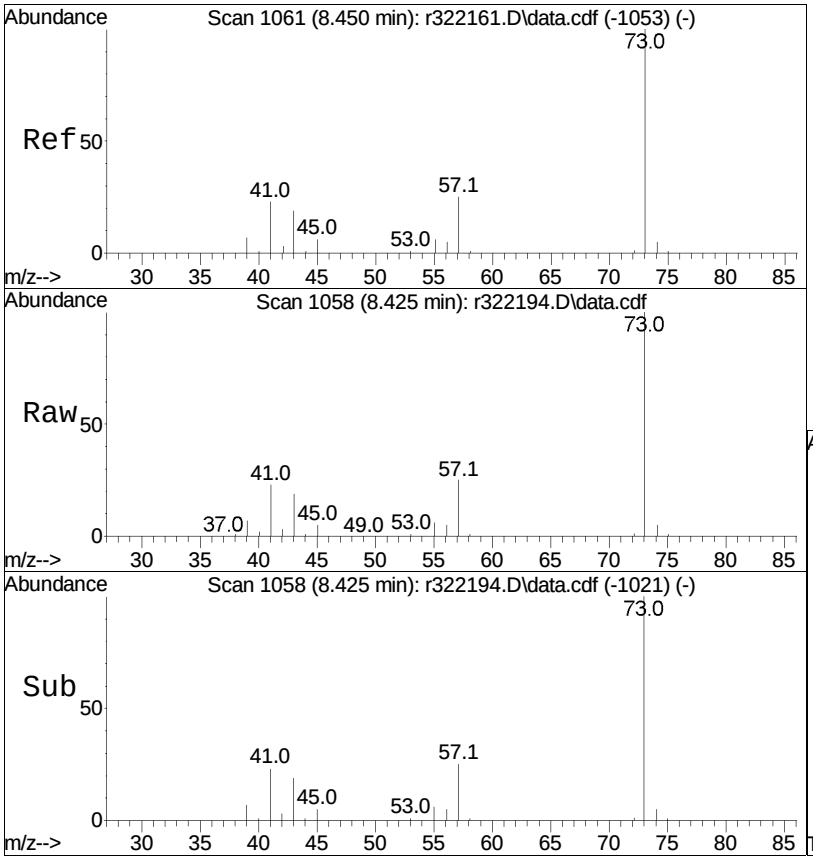


#33
1,1-dichloroethane
Concen: 11.35 ppbV
RT: 8.342 min Scan# 1048
Delta R.T. -0.025 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion: 63 Resp: 391002

Ion	Ratio	Lower	Upper
63	100		
65	31.2	24.9	37.3

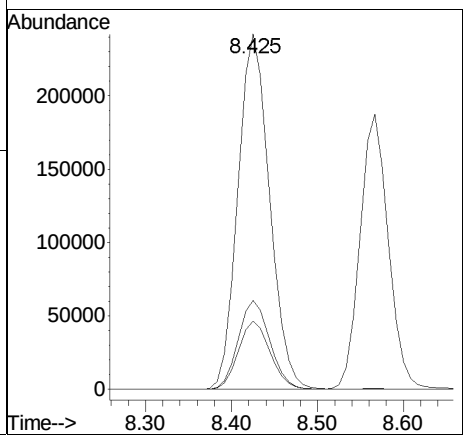


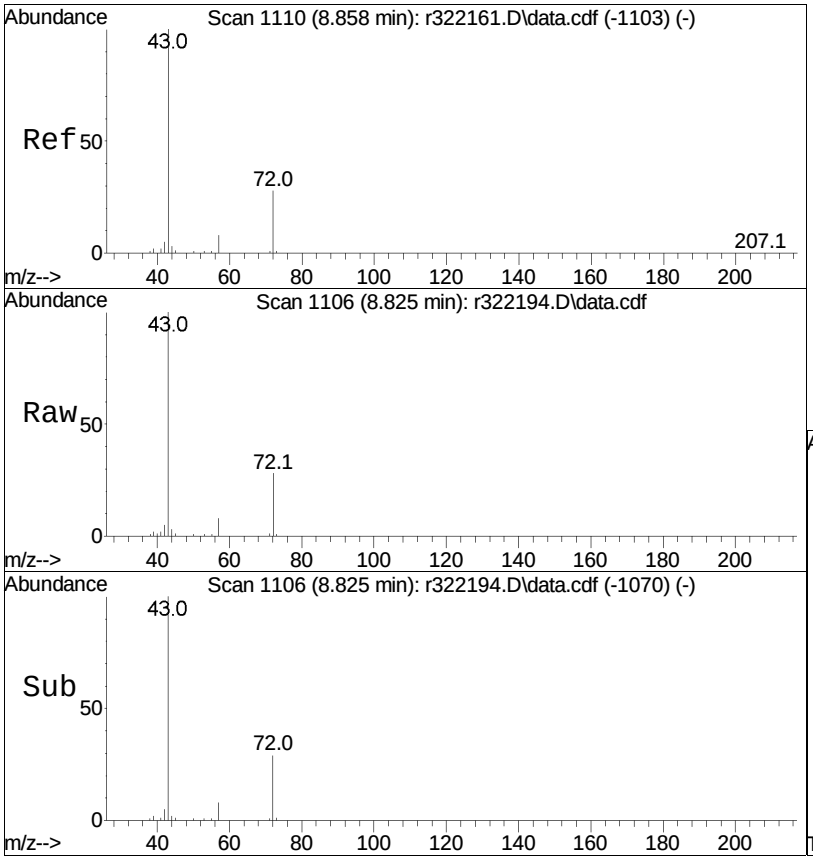


#34
MTBE
Concen: 12.03 ppbV
RT: 8.425 min Scan# 1058
Delta R.T. -0.025 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion: 73 Resp: 619862

Ion	Ratio	Lower	Upper
73	100		
57	25.0	20.2	30.2
43	19.3	15.5	23.3

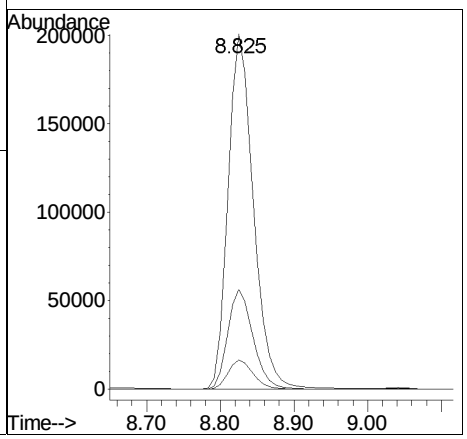


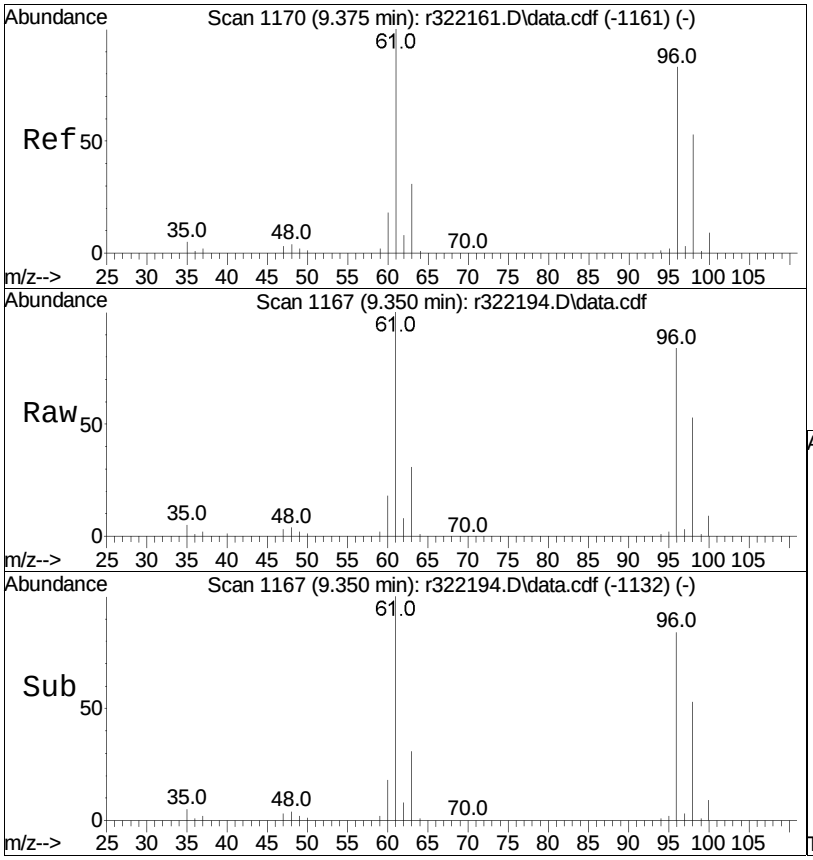


#36
2-butanone
Concen: 10.84 ppbV
RT: 8.825 min Scan# 1106
Delta R.T. -0.033 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion: 43 Resp: 478676

Ion	Ratio	Lower	Upper
43	100		
72	28.2	22.6	33.8
57	8.3	6.6	10.0

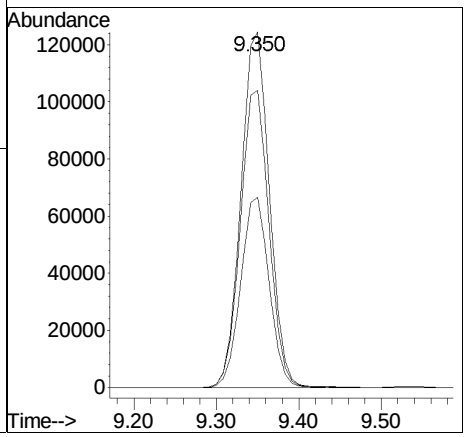


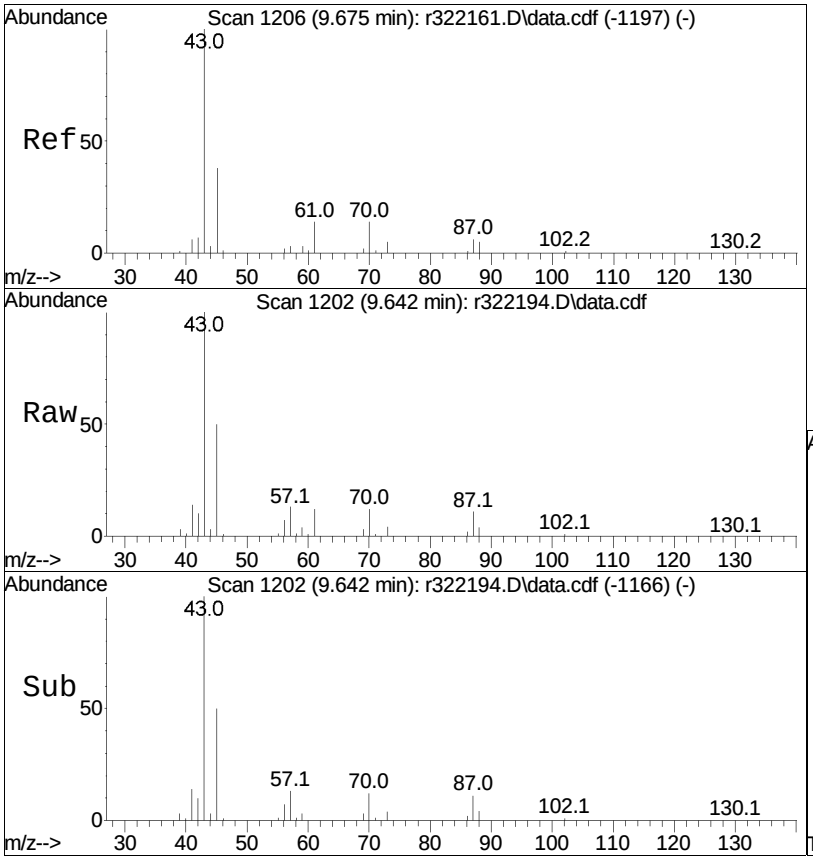


#37
cis-1,2-dichloroethene
Concen: 11.61 ppbV
RT: 9.350 min Scan# 1167
Delta R.T. -0.025 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion: 61 Resp: 297910

Ion	Ratio	Lower	Upper
61	100		
96	83.6	66.4	99.6
98	53.5	42.5	63.7

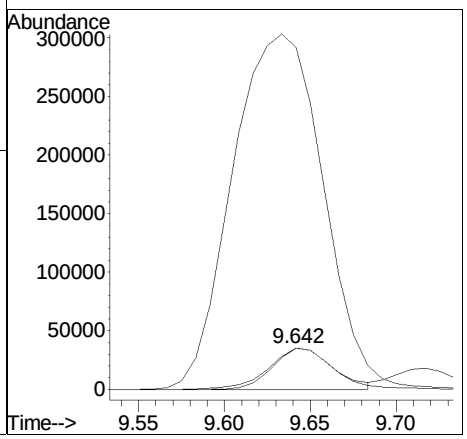


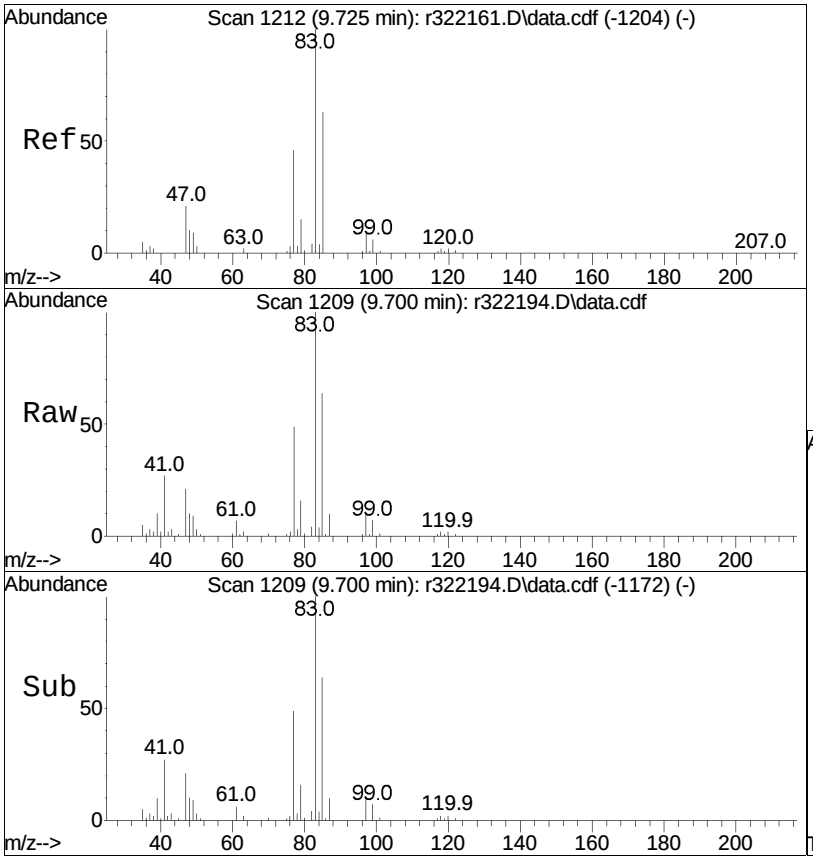


#38
Ethyl Acetate
Concen: 11.83 ppbV
RT: 9.642 min Scan# 1202
Delta R.T. -0.033 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion: 61 Resp: 85126

Ion	Ratio	Lower	Upper
61	100		
70	100.5	78.8	118.2
43	830.3	593.4	890.0

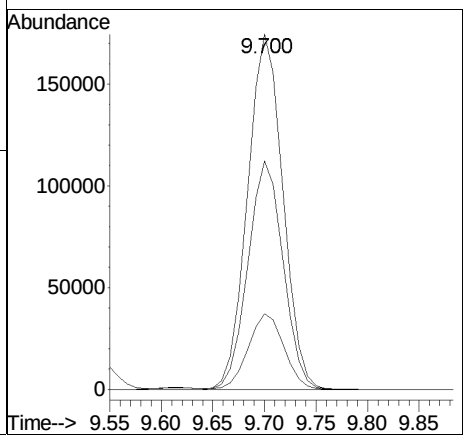


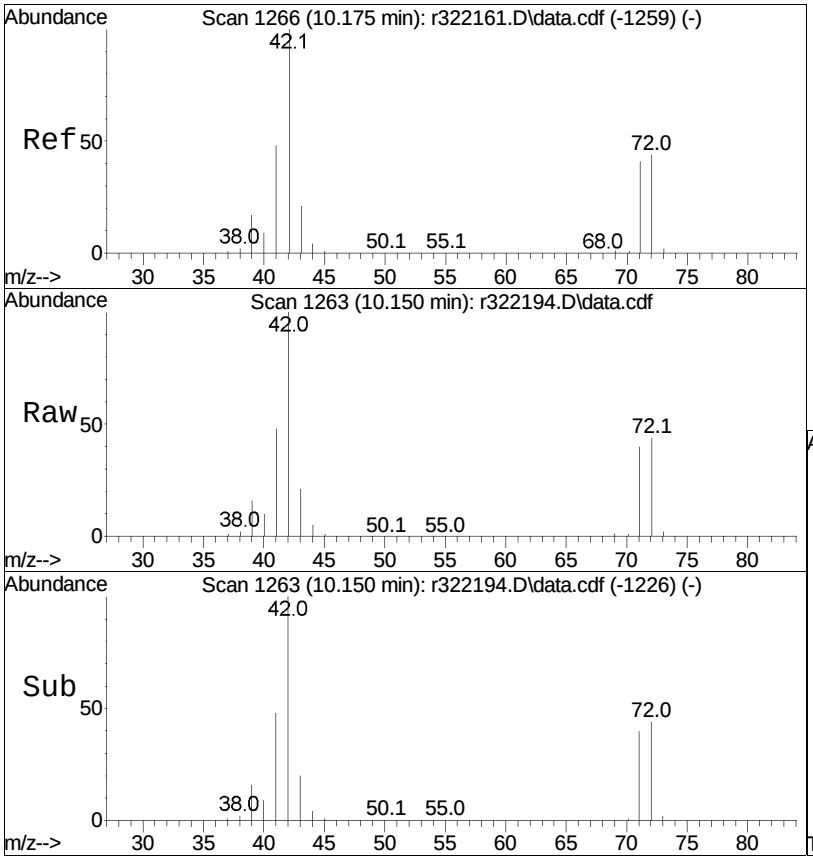


#39
chloroform
Concen: 11.97 ppbV
RT: 9.700 min Scan# 1209
Delta R.T. -0.025 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion: 83 Resp: 415380

Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.4	75.6
47	21.3	16.9	25.3

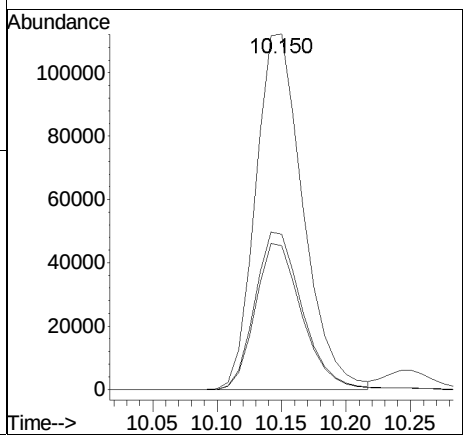


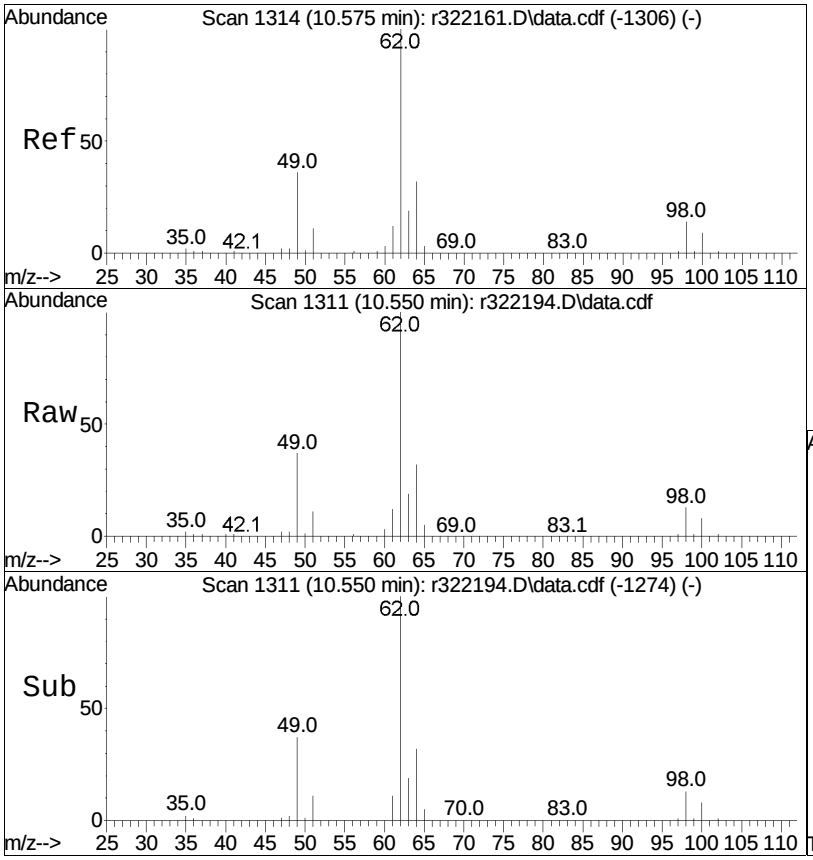


#40
Tetrahydrofuran
Concen: 11.25 ppbV
RT: 10.150 min Scan# 1263
Delta R.T. -0.025 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion: 42 Resp: 286753

Ion	Ratio	Lower	Upper
42	100		
71	40.4	32.4	48.6
72	43.7	35.2	52.8

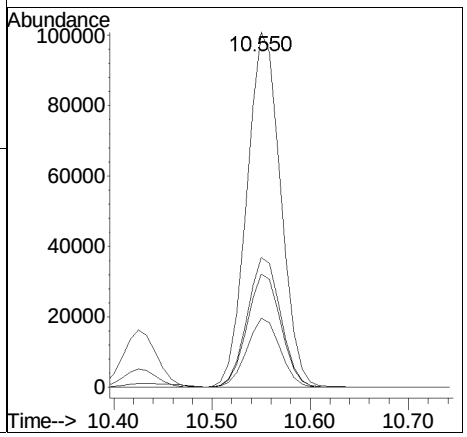


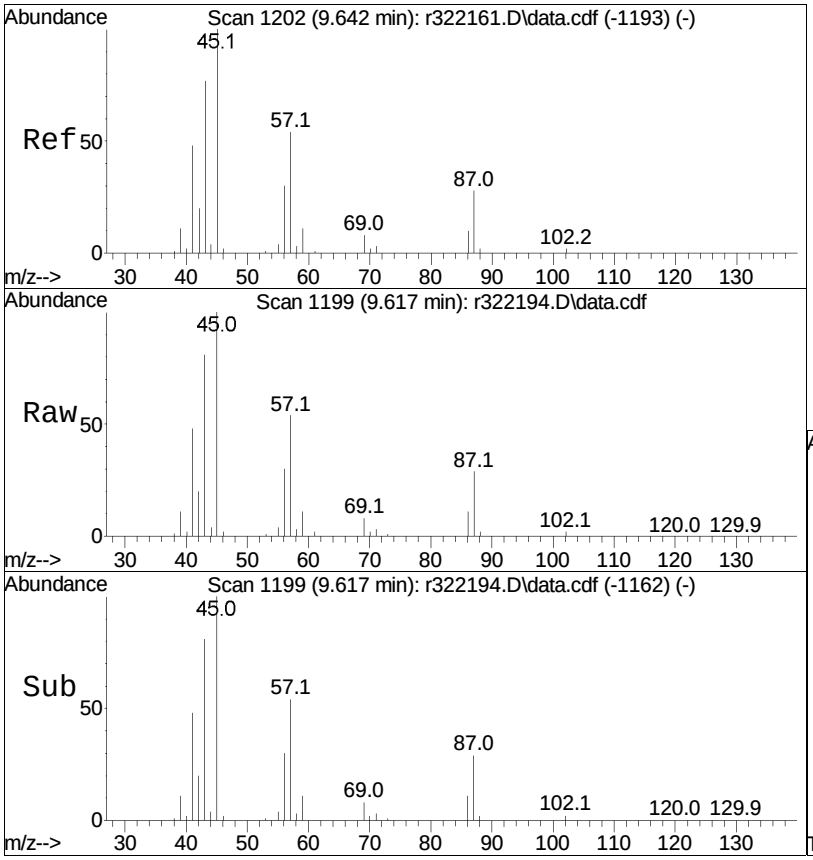


#42
1,2-dichloroethane
Concen: 11.11 ppbV
RT: 10.550 min Scan# 1311
Delta R.T. -0.025 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion: 62 Resp: 240702

Ion	Ratio	Lower	Upper
62	100		
64	31.9	25.6	38.4
49	36.6	28.6	42.8
63	19.4	15.4	23.2

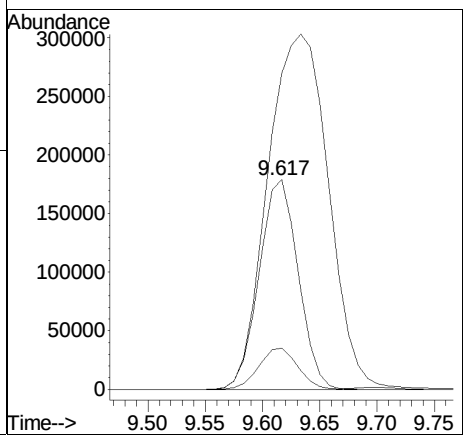


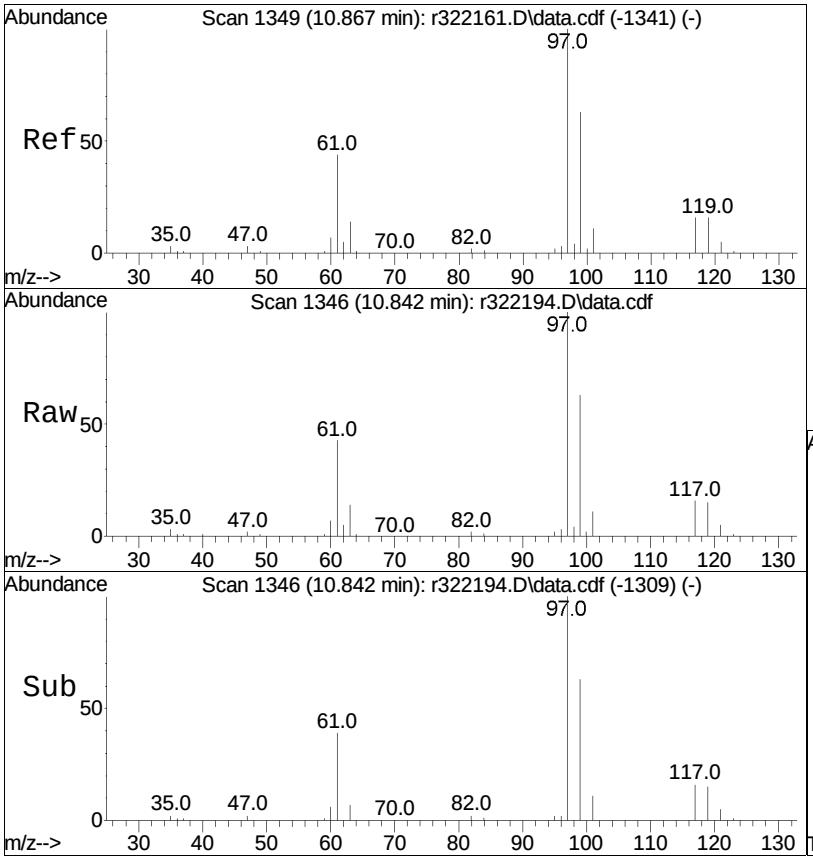


#44
hexane
Concen: 11.15 ppbV
RT: 9.617 min Scan# 1199
Delta R.T. -0.025 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion: 57 Resp: 424969

Ion	Ratio	Lower	Upper
57	100		
43	150.4	115.0	172.6
86	19.7	15.5	23.3

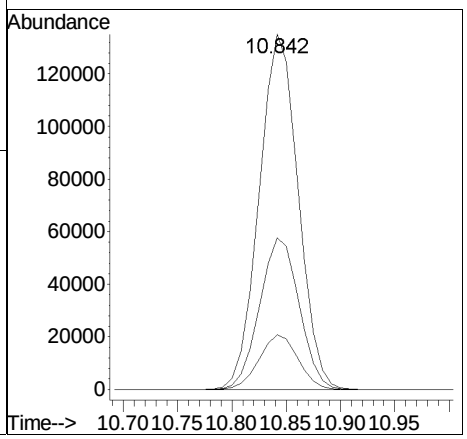


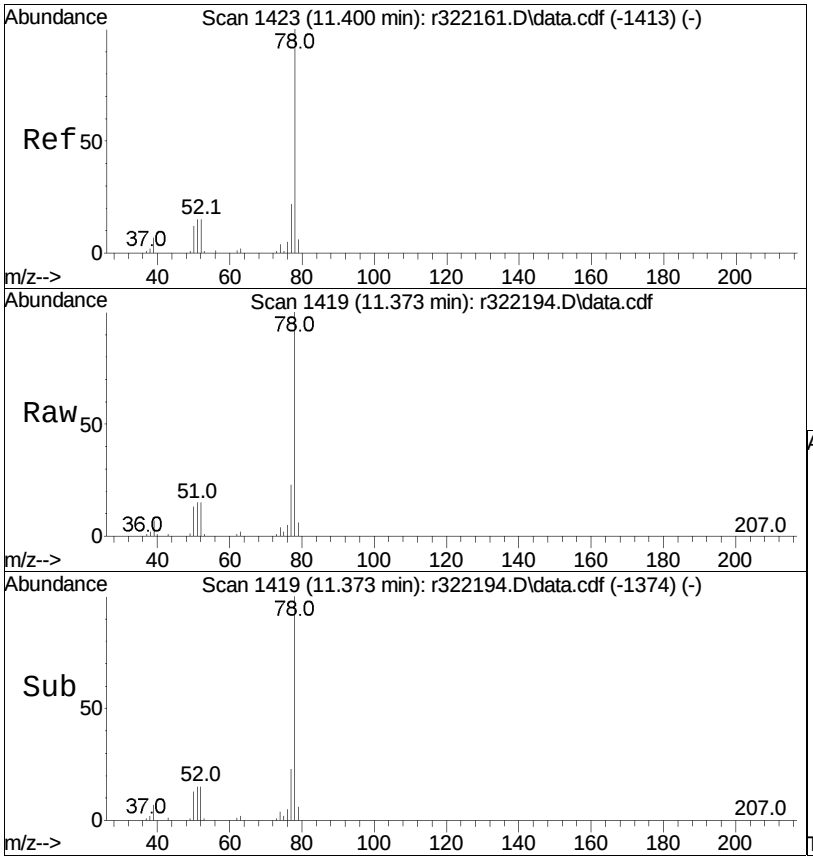


#48
1,1,1-trichloroethane
Concen: 11.69 ppbV
RT: 10.842 min Scan# 1346
Delta R.T. -0.025 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion: 97 Resp: 337304

Ion	Ratio	Lower	Upper
97	100		
61	42.7	35.1	52.7
119	15.4	12.5	18.7

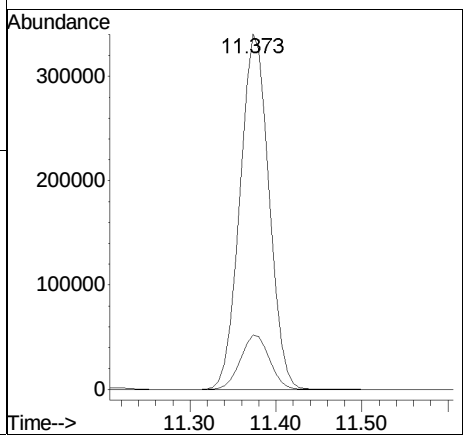


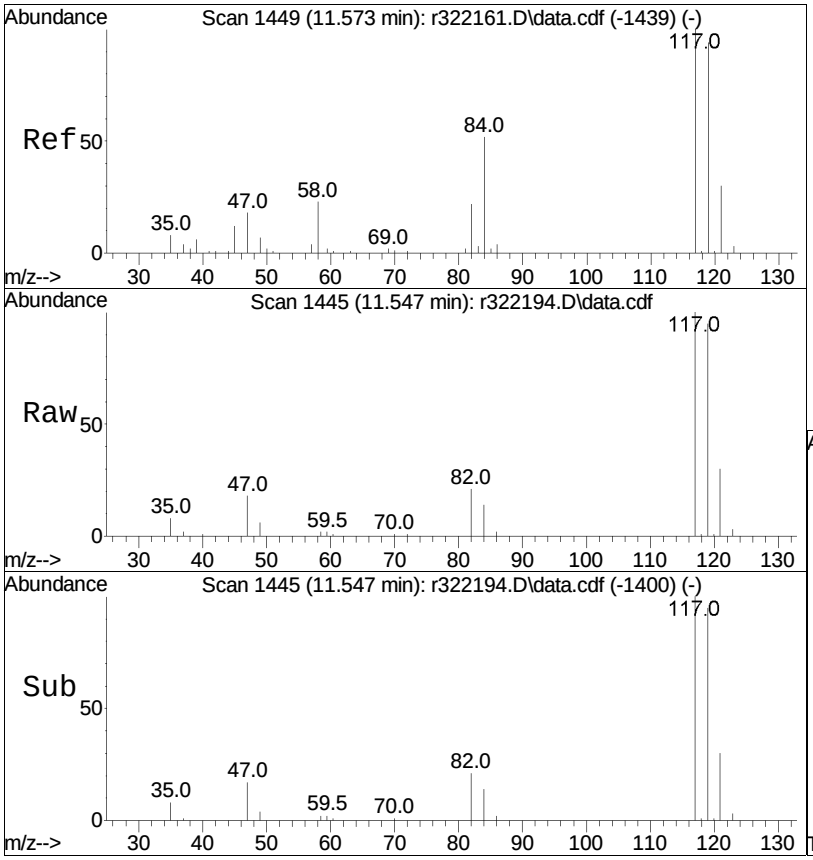


#50
benzene
Concen: 10.20 ppbV
RT: 11.373 min Scan# 1419
Delta R.T. -0.027 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion: 78 Resp: 798212

Ion	Ratio	Lower	Upper
78	100		
52	15.3	12.2	18.2

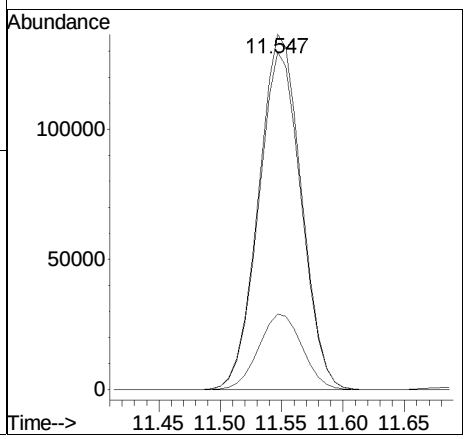


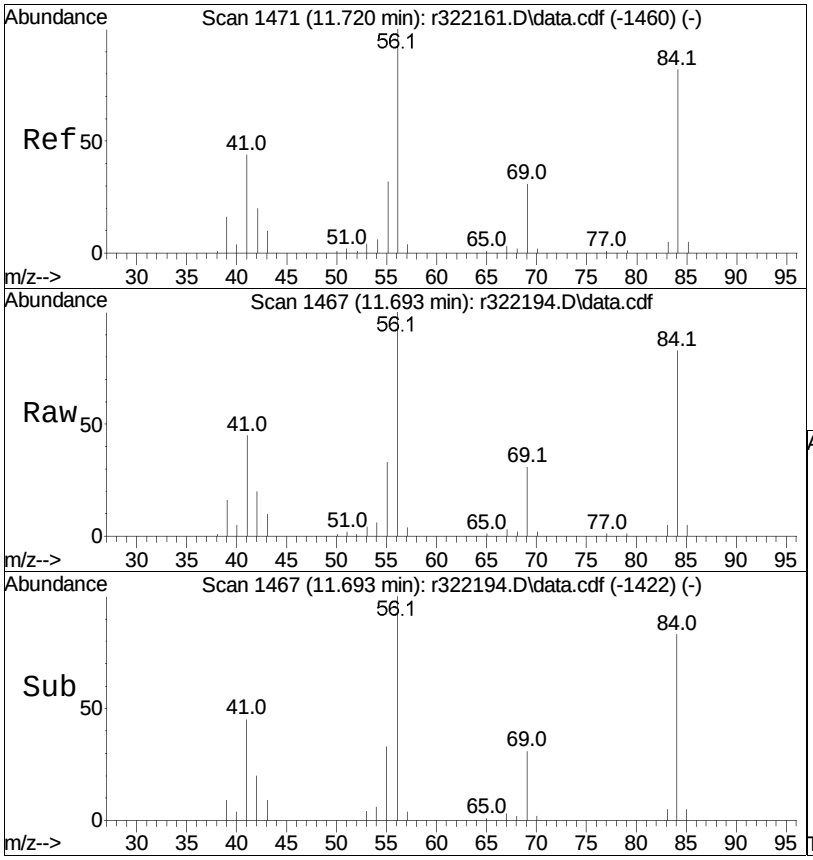


#52
carbon tetrachloride
Concen: 12.33 ppbV
RT: 11.547 min Scan# 1445
Delta R.T. -0.027 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion:117 Resp: 330237

Ion	Ratio	Lower	Upper
117	100		
119	94.9	75.6	113.4
82	21.2	17.8	26.6

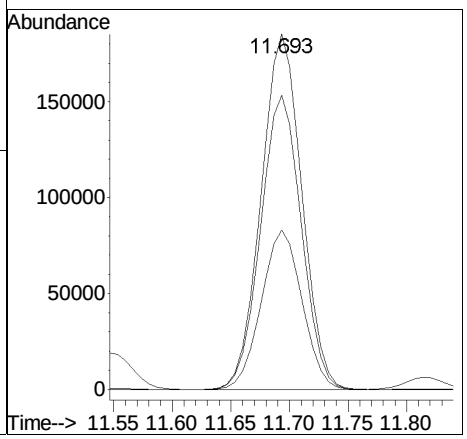


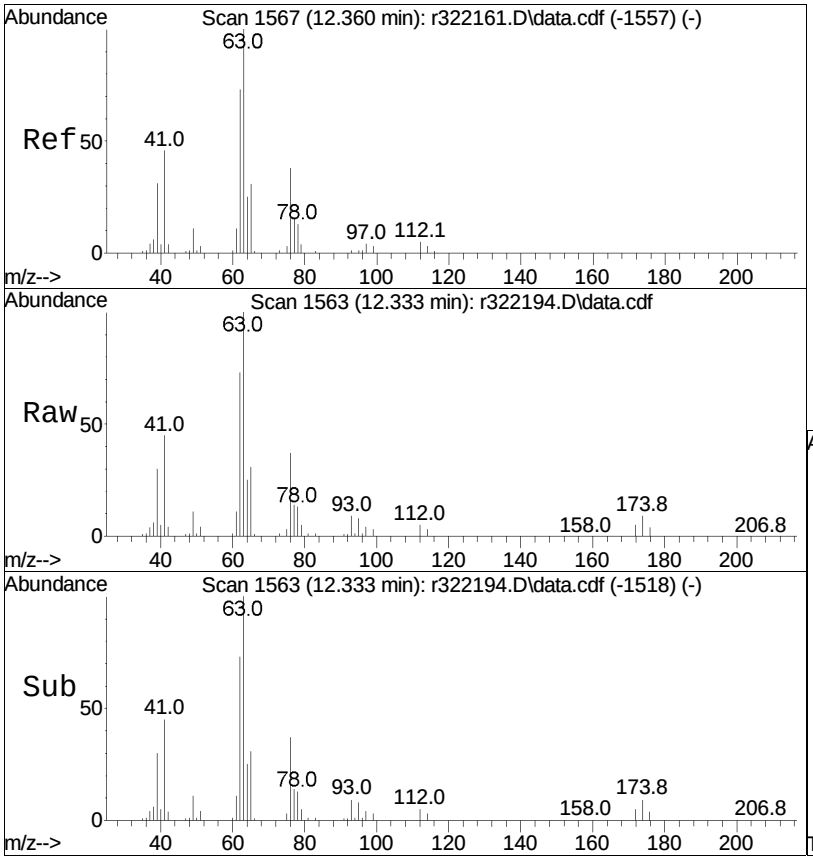


#53
cyclohexane
Concen: 11.27 ppbV
RT: 11.693 min Scan# 1467
Delta R.T. -0.027 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion: 56 Resp: 446843

Ion	Ratio	Lower	Upper
56	100		
84	82.8	65.4	98.0
41	44.9	35.4	53.2

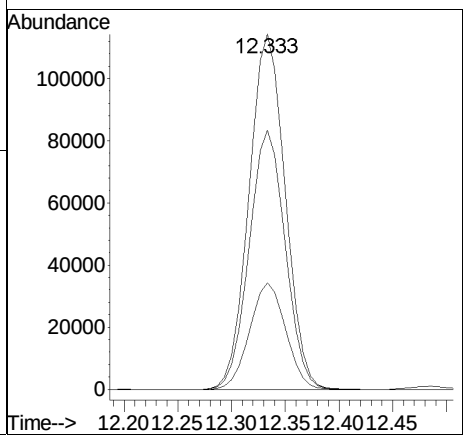


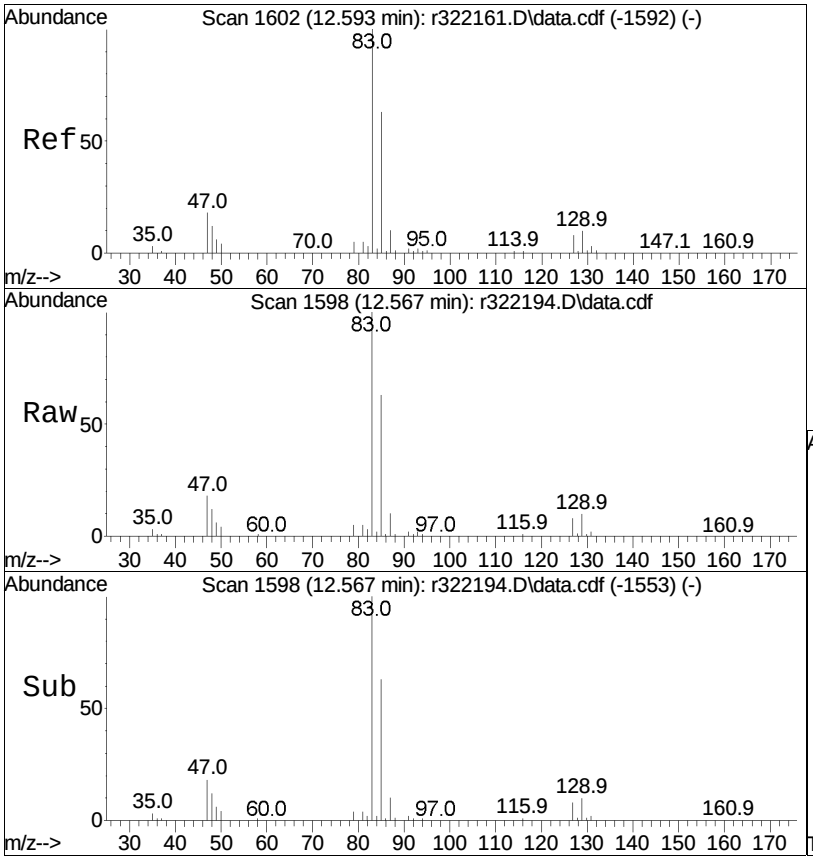


#56
1,2-dichloropropane
Concen: 11.35 ppbV
RT: 12.333 min Scan# 1563
Delta R.T. -0.027 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion: 63 Resp: 267835

Ion	Ratio	Lower	Upper
63	100		
62	73.0	58.7	88.1
39	30.0	24.4	36.6

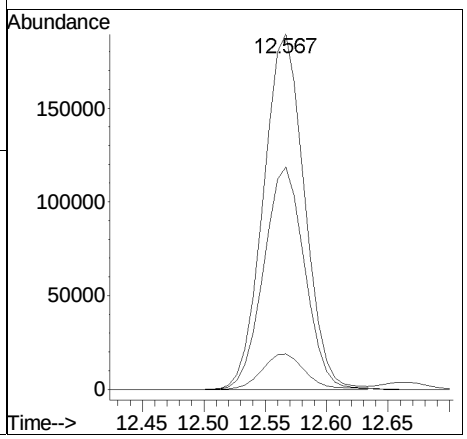


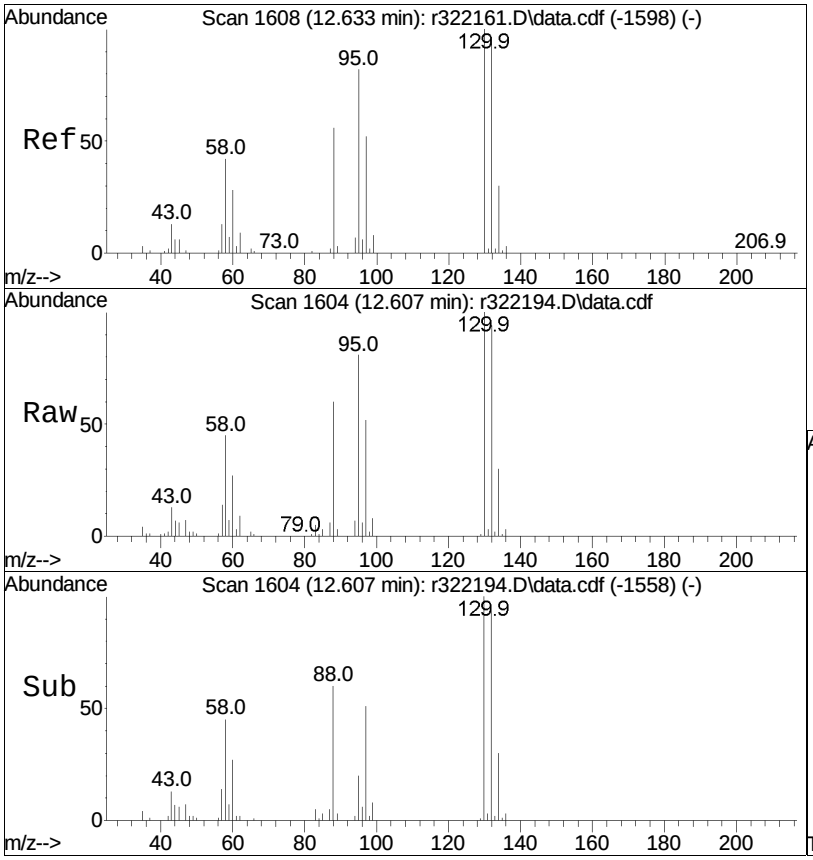


#57
bromodichloromethane
Concen: 11.90 ppbV
RT: 12.567 min Scan# 1598
Delta R.T. -0.027 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion: 83 Resp: 440673

Ion	Ratio	Lower	Upper
83	100		
85	62.6	50.3	75.5
129	10.0	8.1	12.1

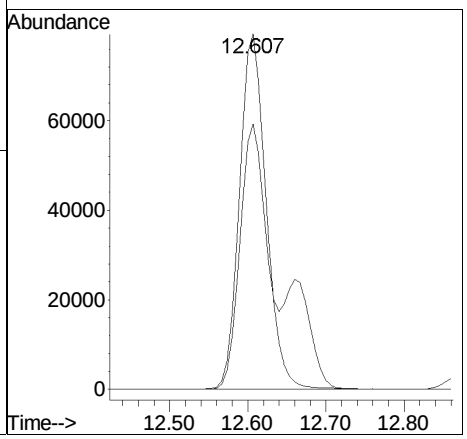


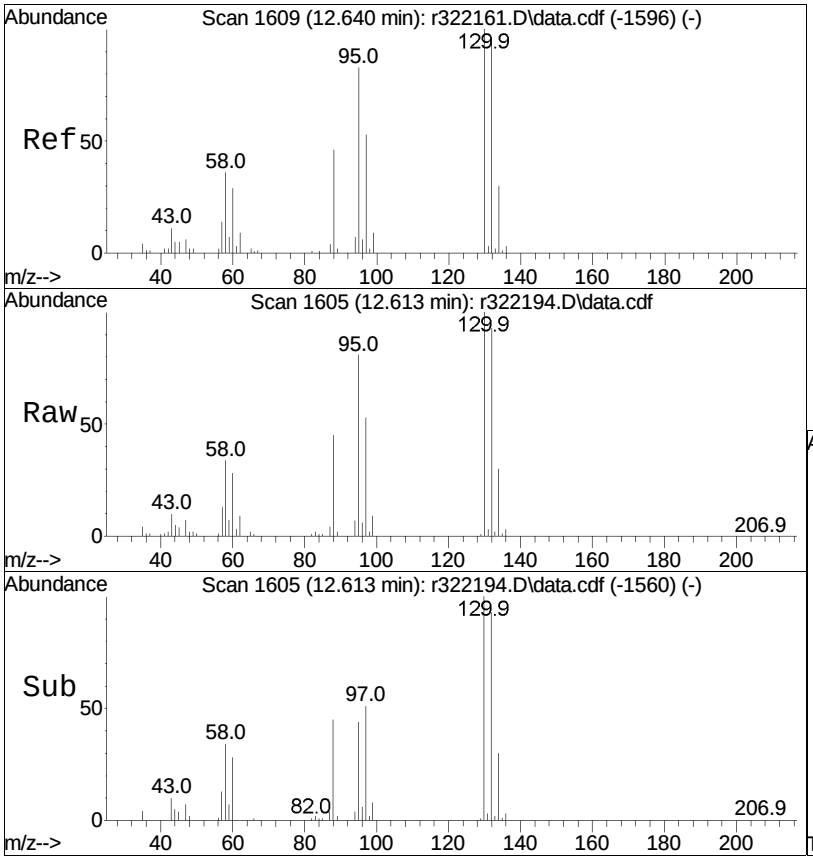


#58
1,4-dioxane
Concen: 11.79 ppbV
RT: 12.607 min Scan# 1604
Delta R.T. -0.027 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion: 88 Resp: 188511

Ion	Ratio	Lower	Upper
88	100		
58	74.7	61.2	91.8

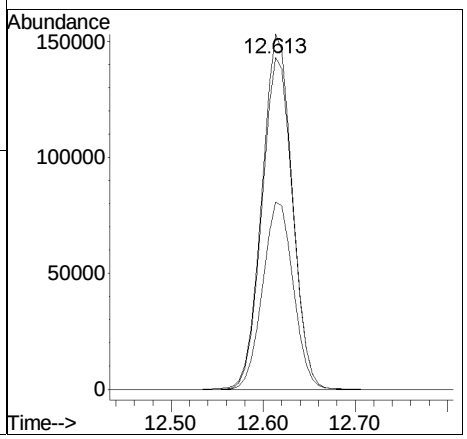


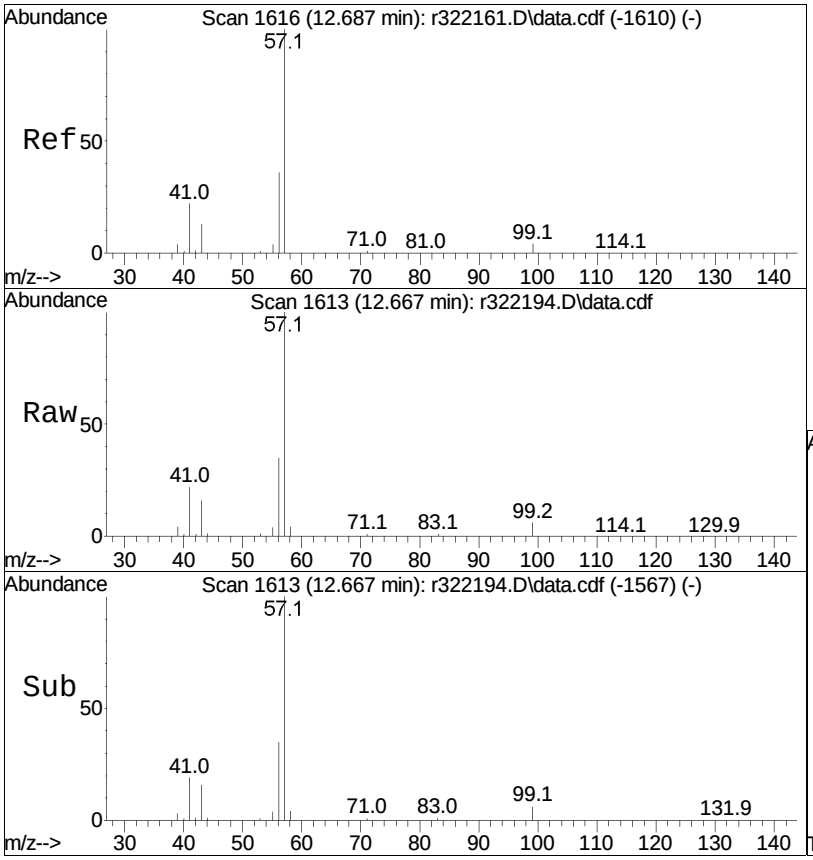


#59
trichloroethene
Concen: 11.67 ppbV
RT: 12.613 min Scan# 1605
Delta R.T. -0.027 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion:130 Resp: 351829

Ion	Ratio	Lower	Upper
130	100		
132	93.4	76.2	114.2
97	52.7	42.6	63.8

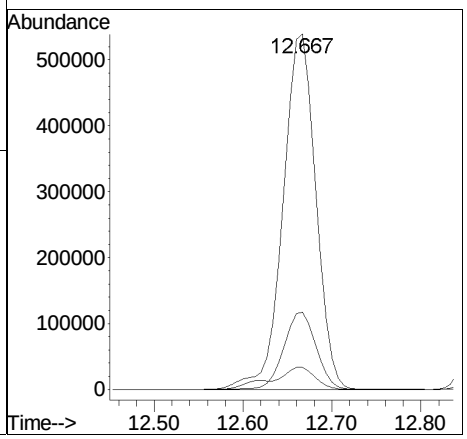


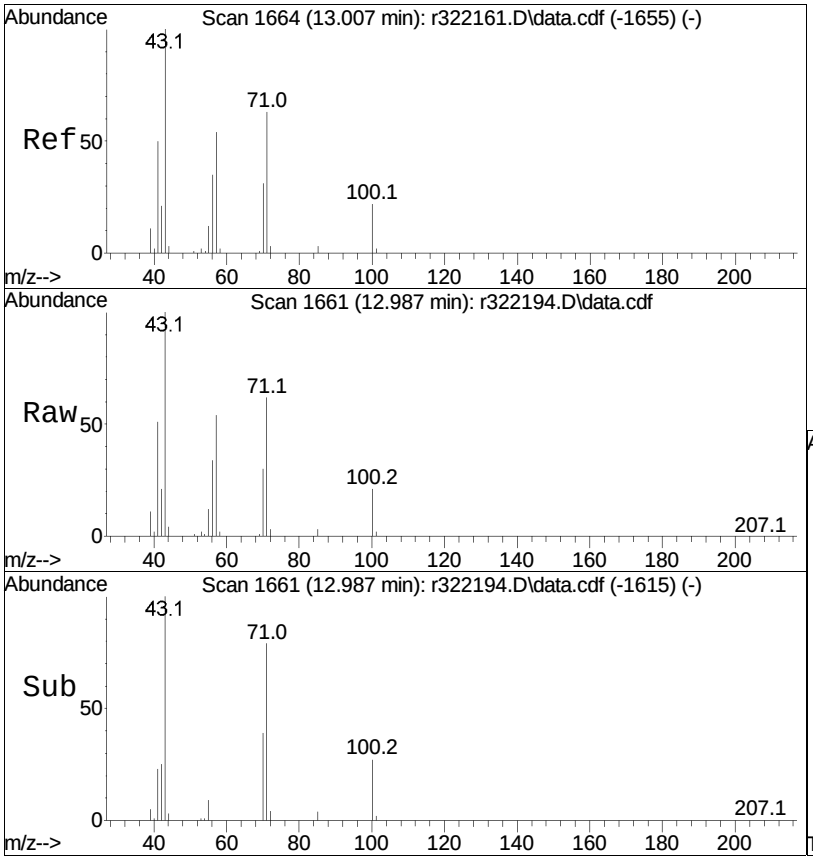


#60
2,2,4-trimethylpentane
Concen: 11.77 ppbV
RT: 12.667 min Scan# 1613
Delta R.T. -0.020 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion: 57 Resp: 1386302

Ion	Ratio	Lower	Upper
57	100		
99	6.2	5.0	7.4
41	21.7	17.4	26.2

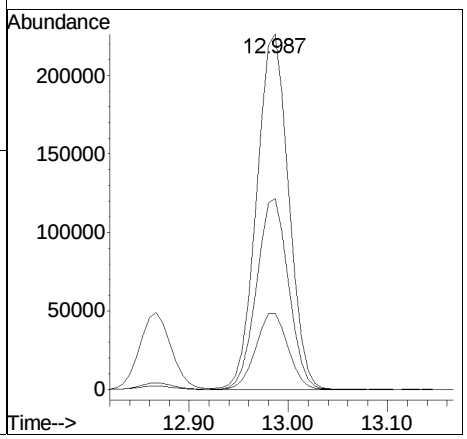


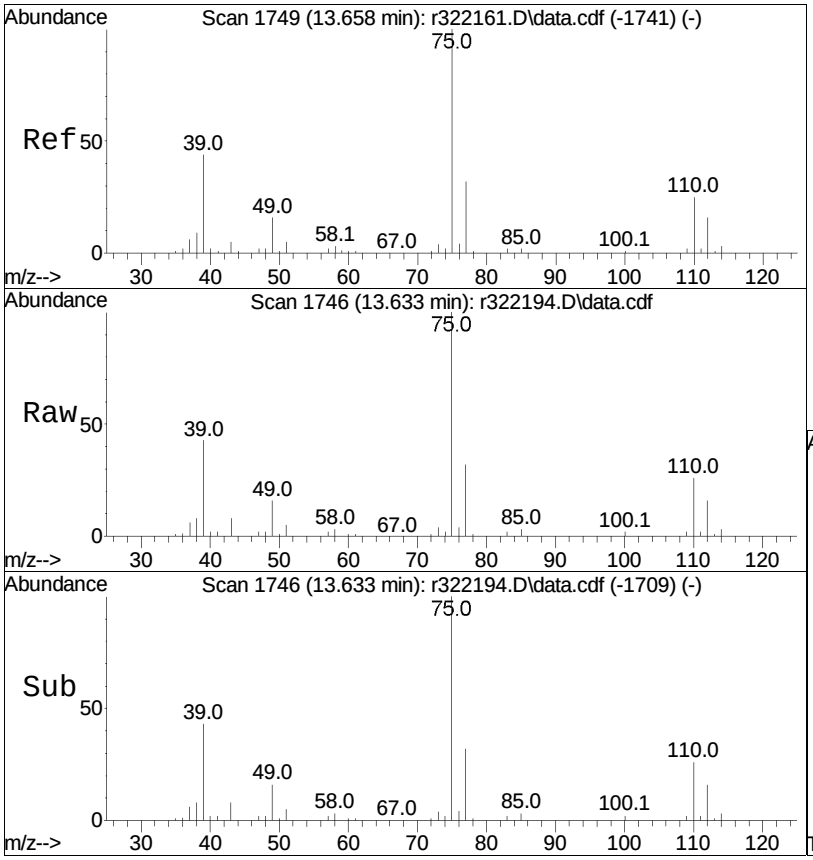


#62
heptane
Concen: 11.56 ppbV
RT: 12.987 min Scan# 1661
Delta R.T. -0.020 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion: 43 Resp: 507818

Ion	Ratio	Lower	Upper
43	100		
57	53.7	43.0	64.4
100	21.5	17.6	26.4

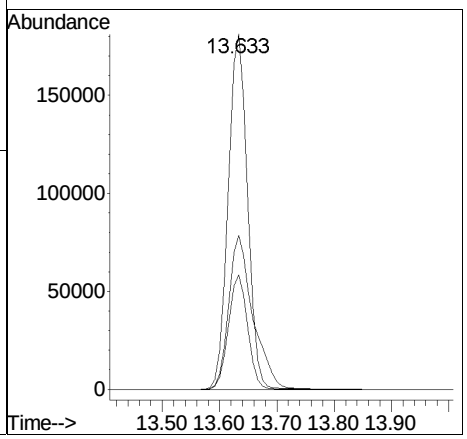


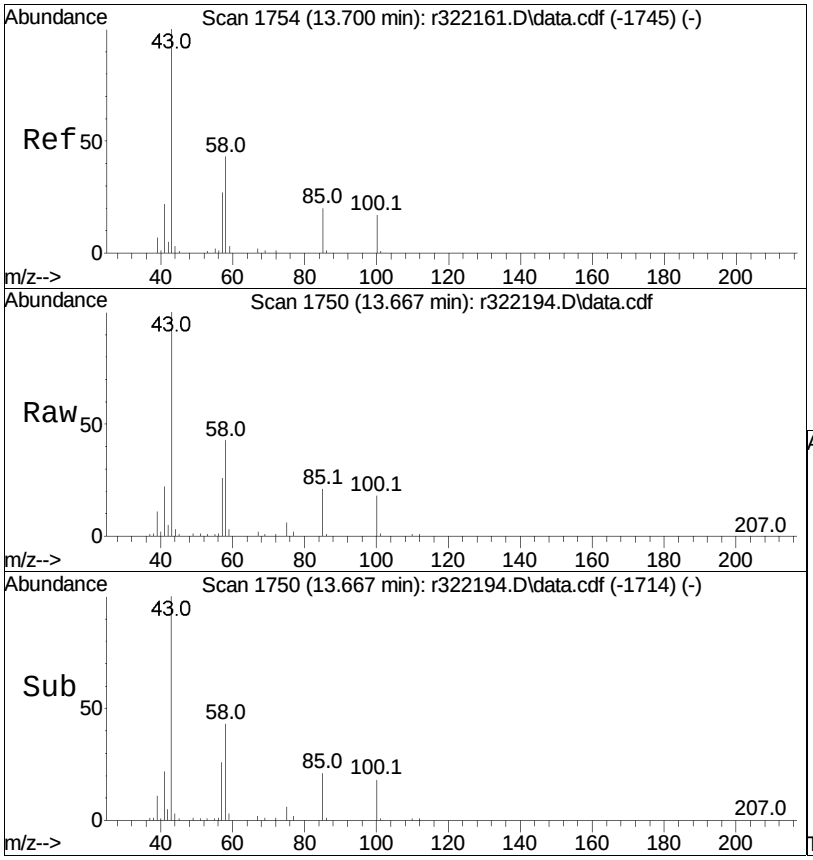


#63
cis-1,3-dichloropropene
Concen: 12.68 ppbV
RT: 13.633 min Scan# 1746
Delta R.T. -0.025 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion: 75 Resp: 424999

Ion	Ratio	Lower	Upper
75	100		
39	43.4	35.1	52.7
77	32.2	25.5	38.3

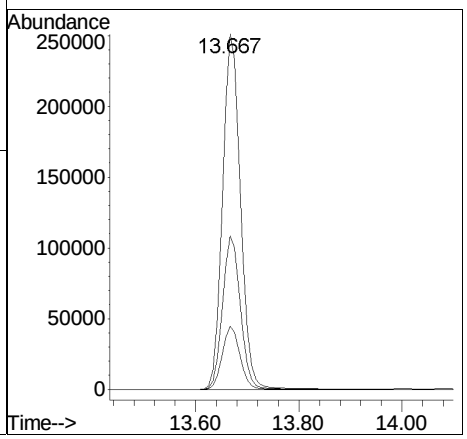


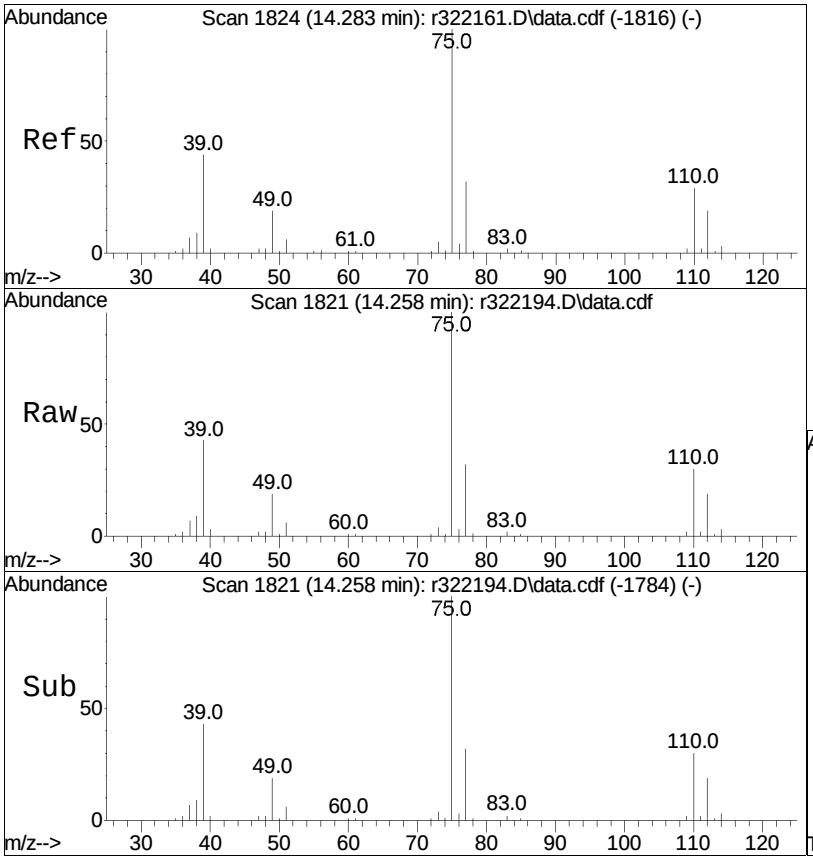


#64
4-methyl-2-pentanone
Concen: 12.05 ppbV
RT: 13.667 min Scan# 1750
Delta R.T. -0.033 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion: 43 Resp: 606723

Ion	Ratio	Lower	Upper
43	100		
58	43.2	34.3	51.5
100	17.8	13.8	20.6

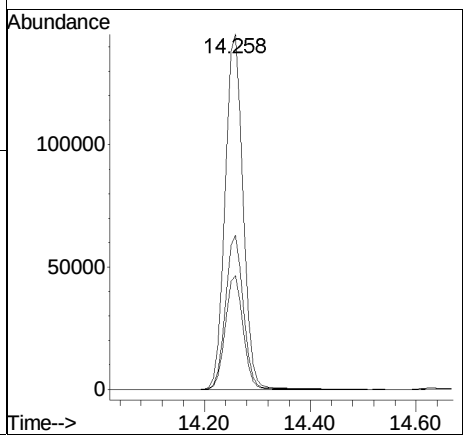


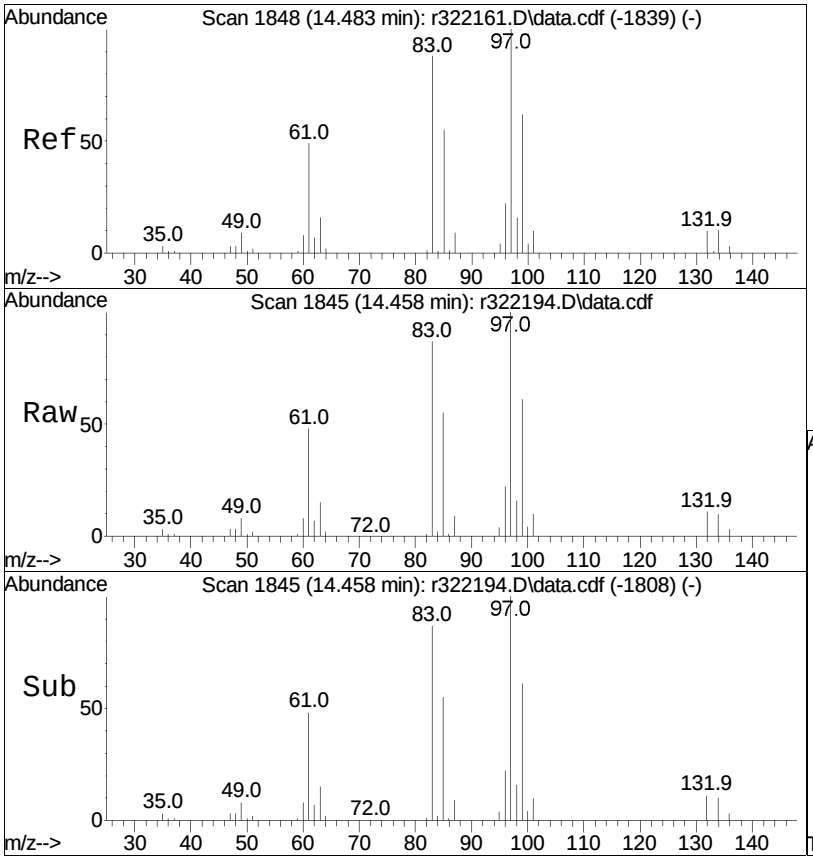


#65
trans-1,3-dichloropropene
Concen: 11.33 ppbV
RT: 14.258 min Scan# 1821
Delta R.T. -0.025 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion: 75 Resp: 342238

Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.8	38.6
39	43.4	35.4	53.0

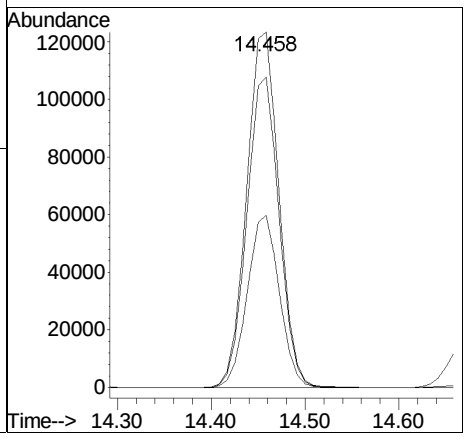


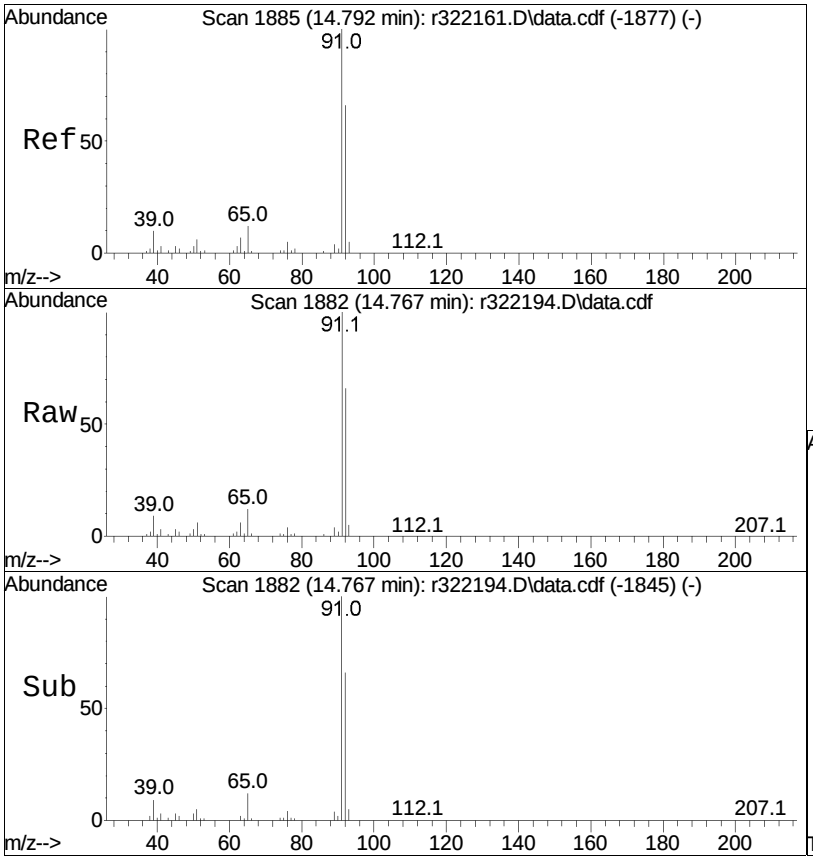


#66
1,1,2-trichloroethane
Concen: 11.77 ppbV
RT: 14.458 min Scan# 1845
Delta R.T. -0.025 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion: 97 Resp: 295194

Ion	Ratio	Lower	Upper
97	100		
83	87.4	70.2	105.2
61	48.4	39.2	58.8

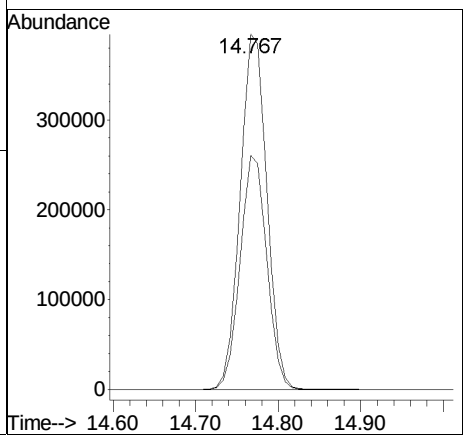


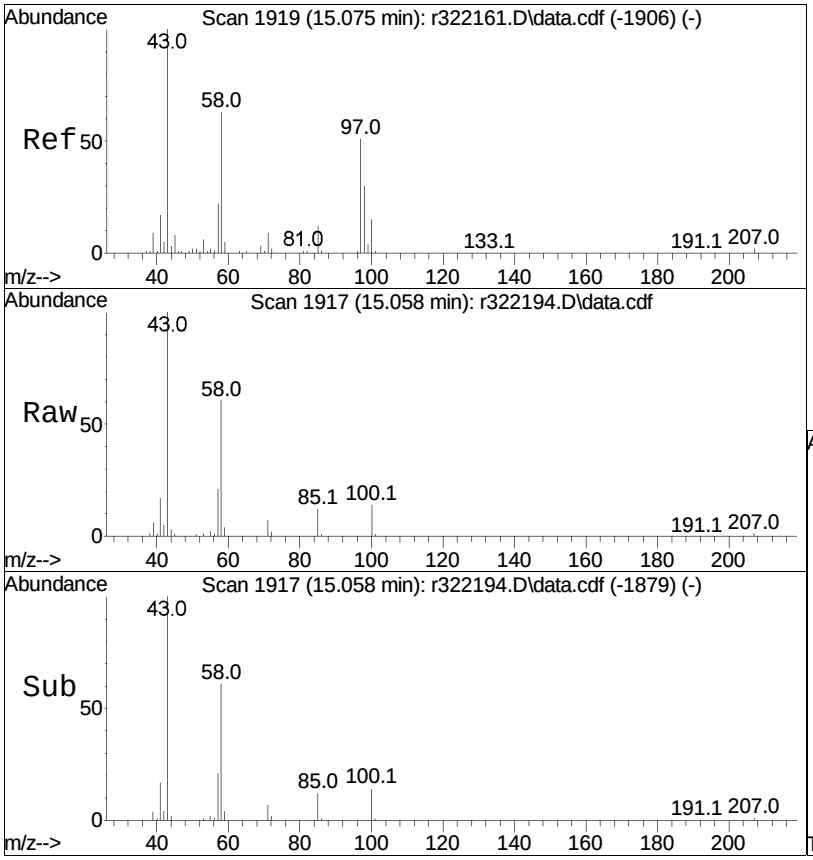


#68
toluene
Concen: 11.43 ppbV
RT: 14.767 min Scan# 1882
Delta R.T. -0.025 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion: 91 Resp: 888344

Ion	Ratio	Lower	Upper
91	100		
92	65.9	52.7	79.1

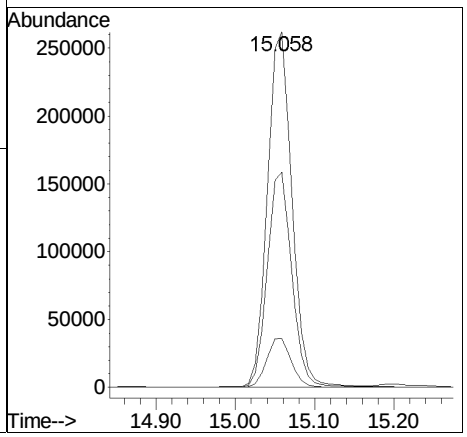


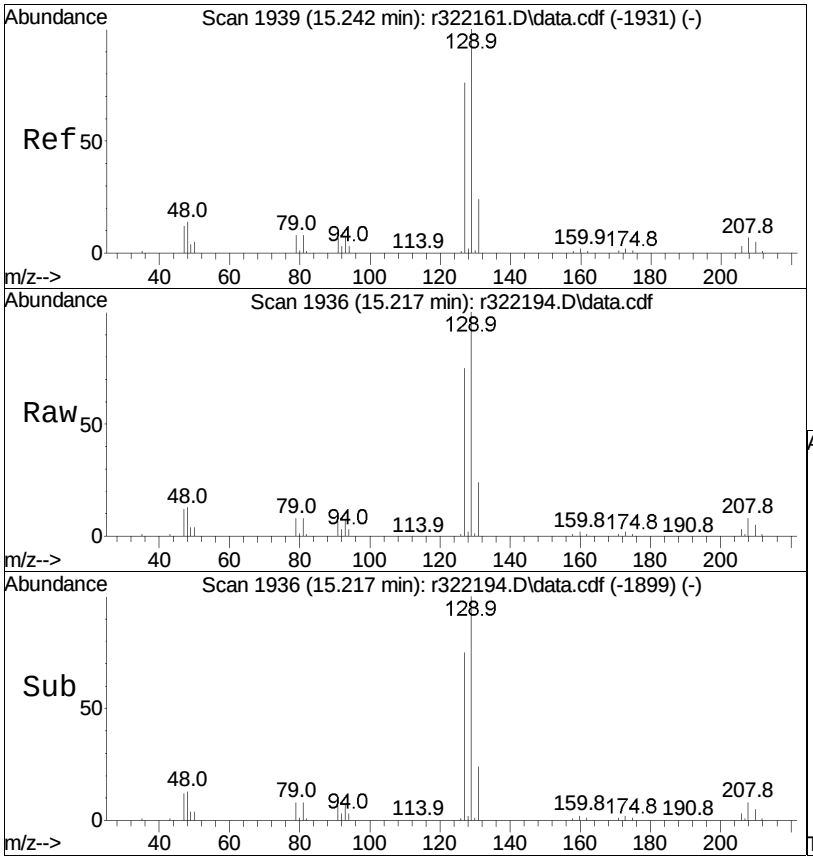


#72
2-hexanone
Concen: 12.10 ppbV
RT: 15.058 min Scan# 1917
Delta R.T. -0.017 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion: 43 Resp: 565961

Ion	Ratio	Lower	Upper
43	100		
58	60.5	50.5	75.7
100	13.8	12.2	18.2

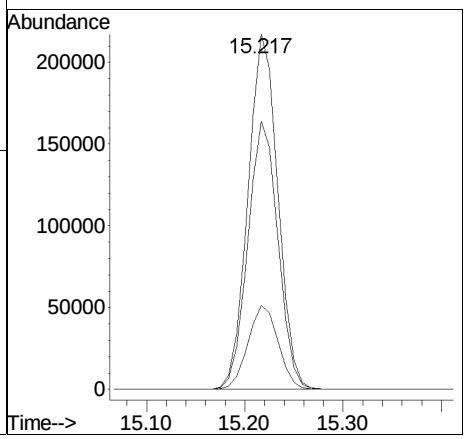


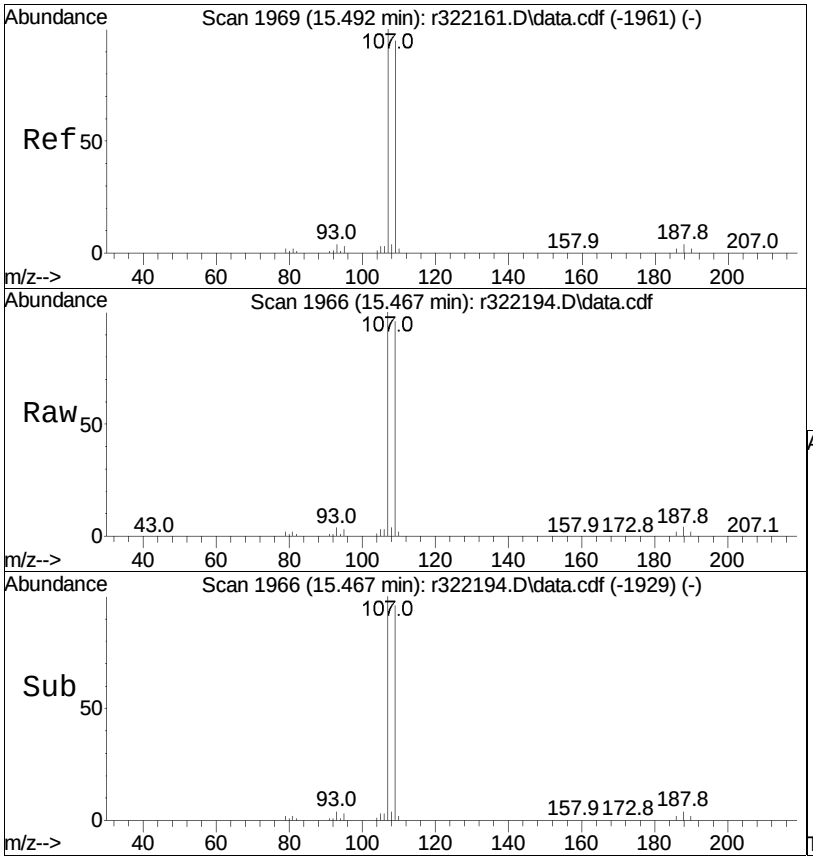


#74
dibromochloromethane
Concen: 12.84 ppbV
RT: 15.217 min Scan# 1936
Delta R.T. -0.025 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion:129 Resp: 459568

Ion	Ratio	Lower	Upper
129	100		
127	75.5	60.6	91.0
131	23.6	19.5	29.3

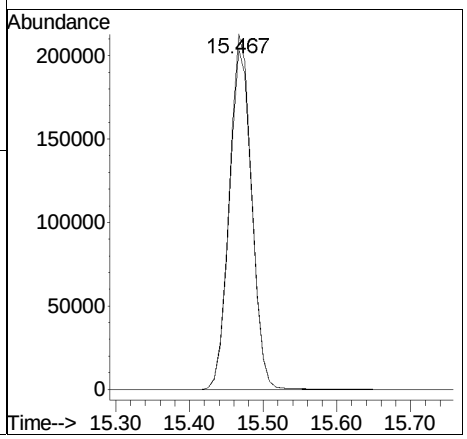


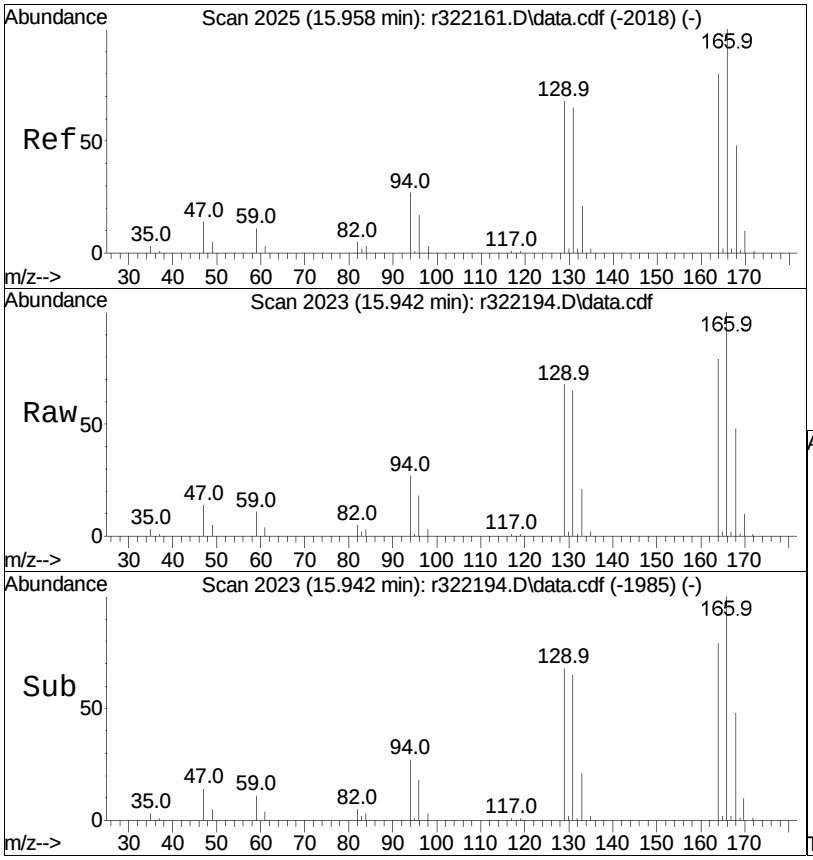


#75
1,2-dibromoethane
Concen: 12.02 ppbV
RT: 15.467 min Scan# 1966
Delta R.T. -0.025 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion:107 Resp: 449743

Ion	Ratio	Lower	Upper
107	100		
109	95.7	75.6	113.4

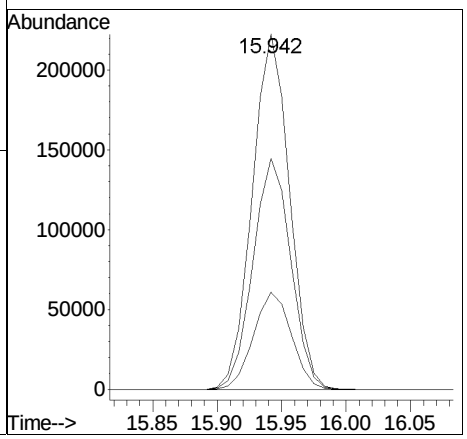


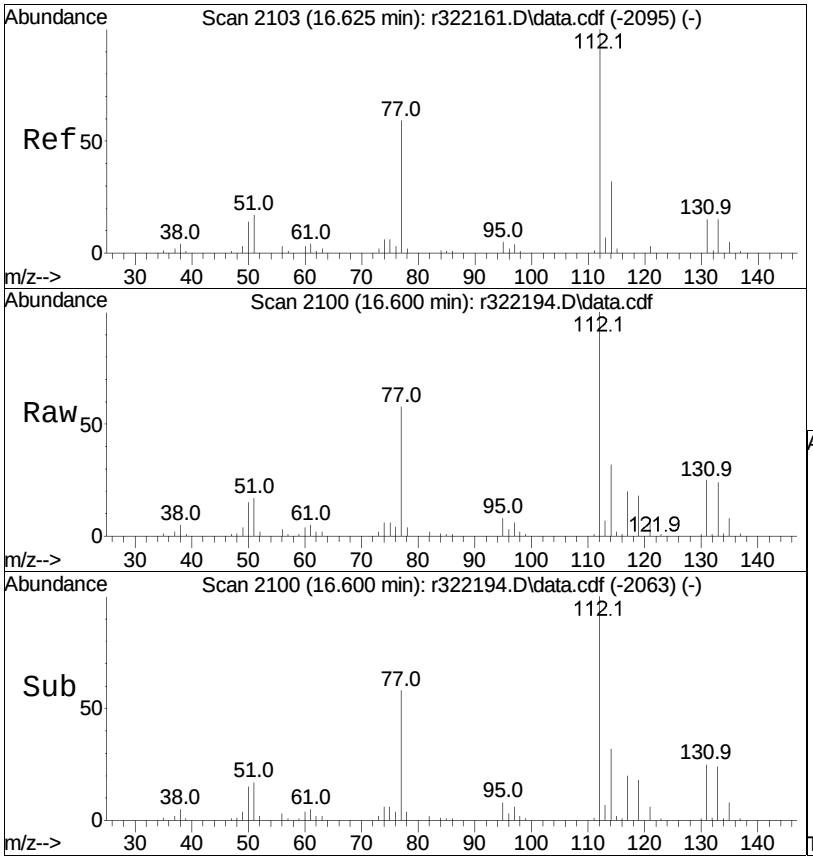


#78
tetrachloroethene
Concen: 11.88 ppbV
RT: 15.942 min Scan# 2023
Delta R.T. -0.017 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion:166 Resp: 447313

Ion	Ratio	Lower	Upper
166	100		
131	65.0	51.8	77.6
94	27.3	21.8	32.8

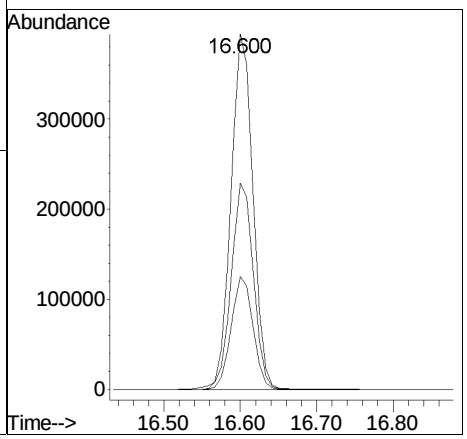


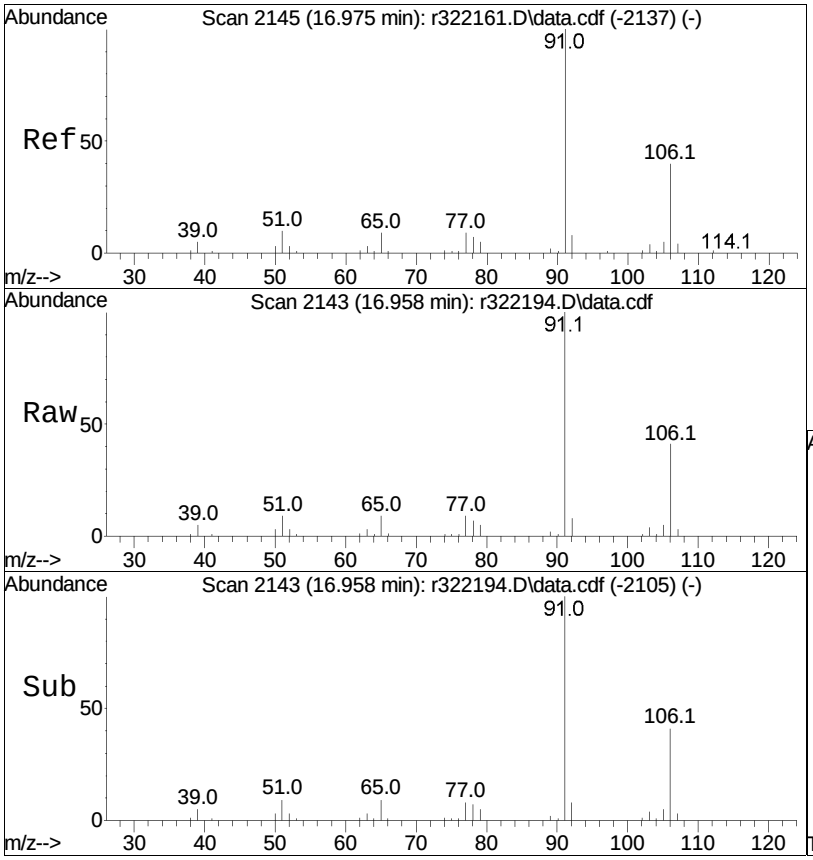


#80
chlorobenzene
Concen: 11.77 ppbV
RT: 16.600 min Scan# 2100
Delta R.T. -0.025 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion:112 Resp: 785081

Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.2	37.8
77	58.0	47.1	70.7

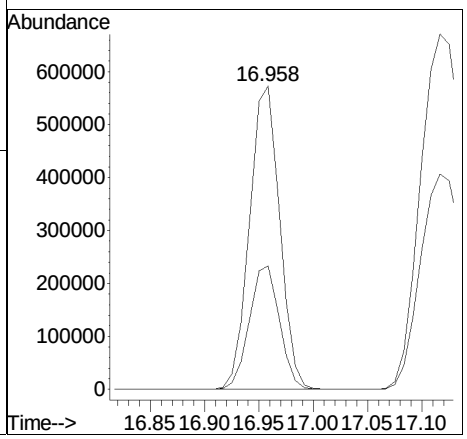


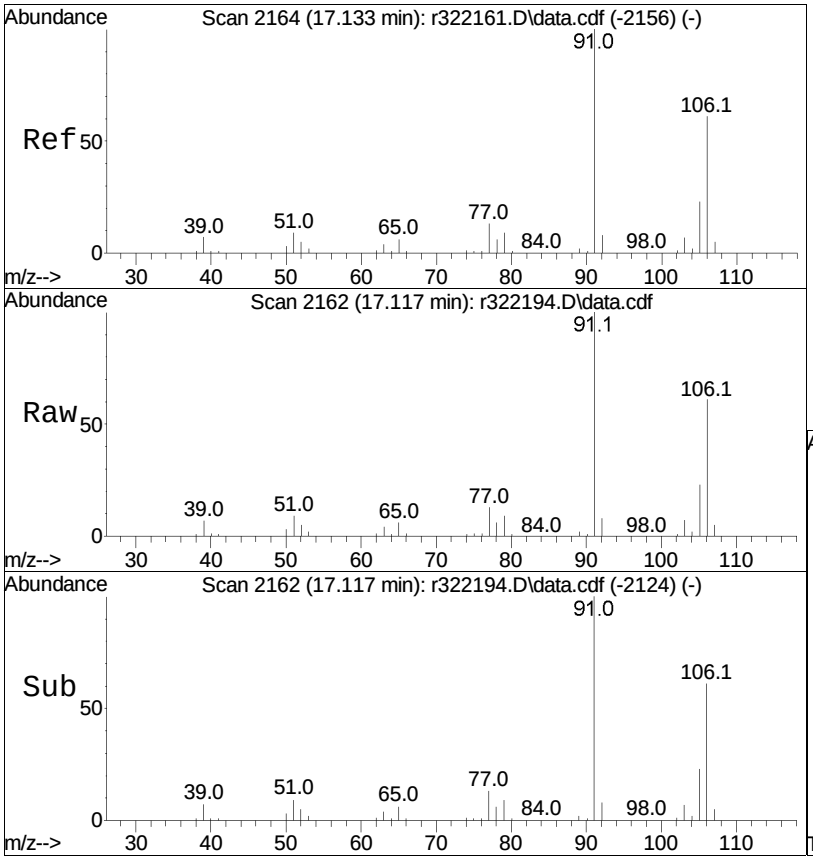


#81
ethylbenzene
Concen: 11.88 ppbV
RT: 16.958 min Scan# 2143
Delta R.T. -0.017 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion: 91 Resp: 1108209

Ion	Ratio	Lower	Upper
91	100		
106	40.6	32.4	48.6

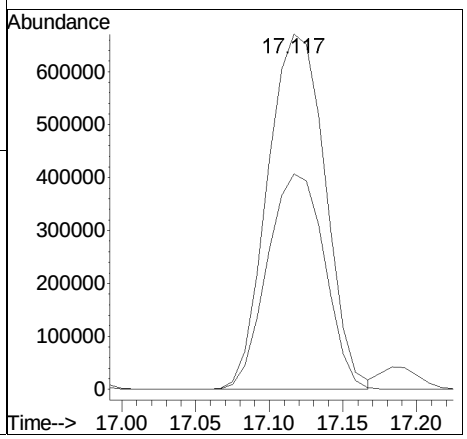


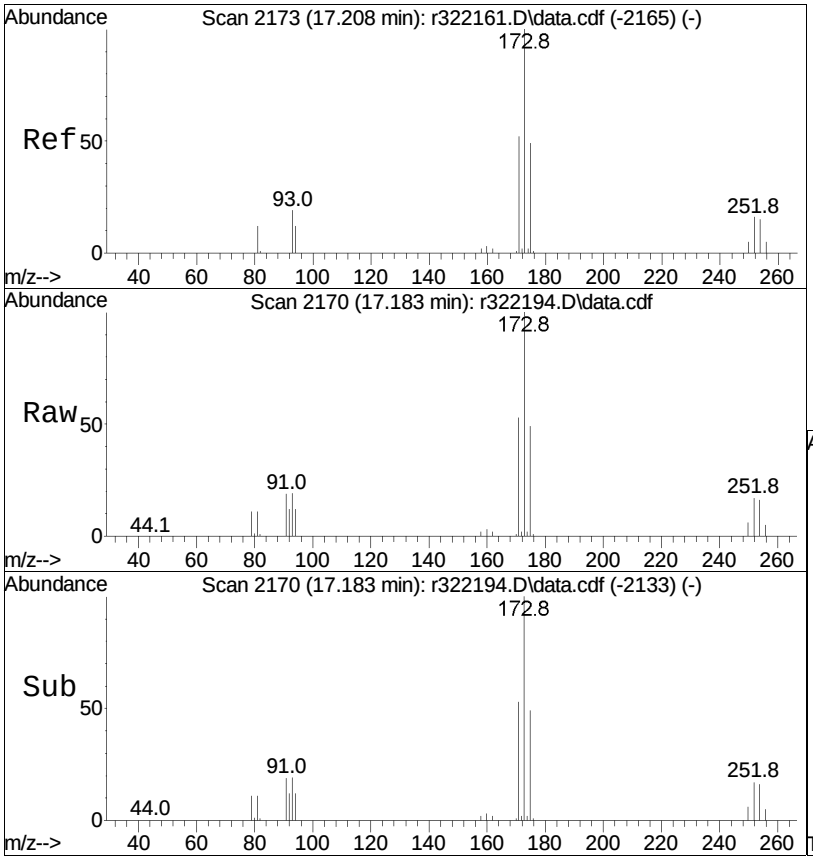


#83
m+p-xylene
Concen: 23.99 ppbV
RT: 17.117 min Scan# 2162
Delta R.T. -0.017 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion: 91 Resp: 1827260

Ion	Ratio	Lower	Upper
91	100		
106	60.6	48.4	72.6

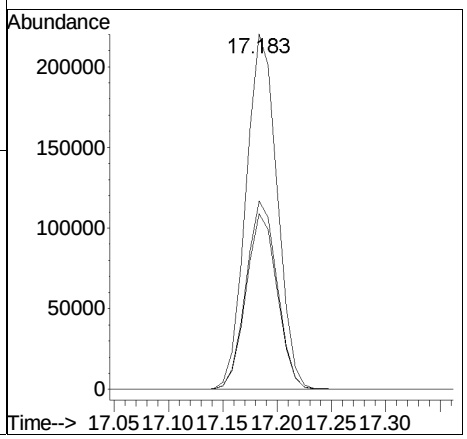


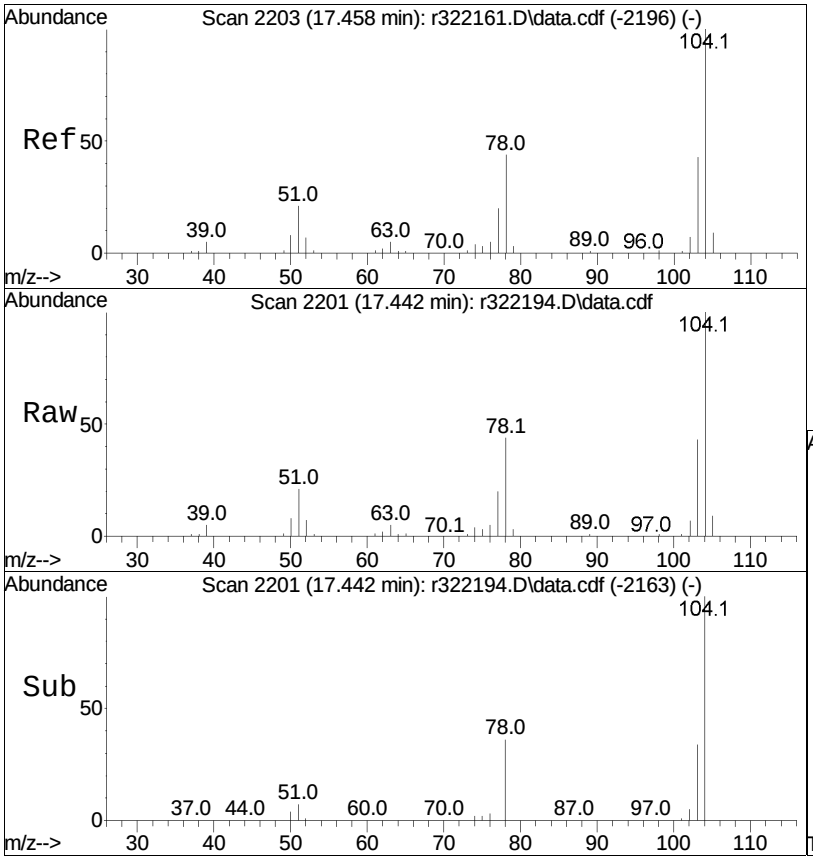


#84
bromoform
Concen: 13.22 ppbV
RT: 17.183 min Scan# 2170
Delta R.T. -0.025 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion:173 Resp: 440443

Ion	Ratio	Lower	Upper
173	100		
175	49.4	39.5	59.3
171	53.0	41.9	62.9

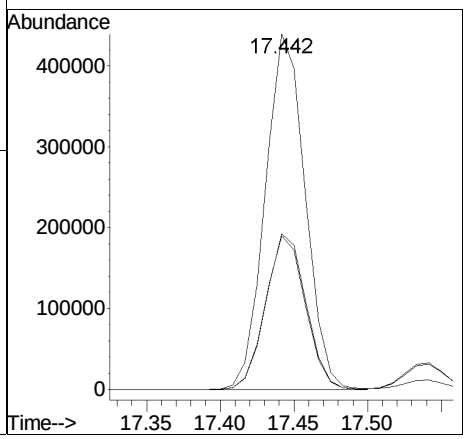


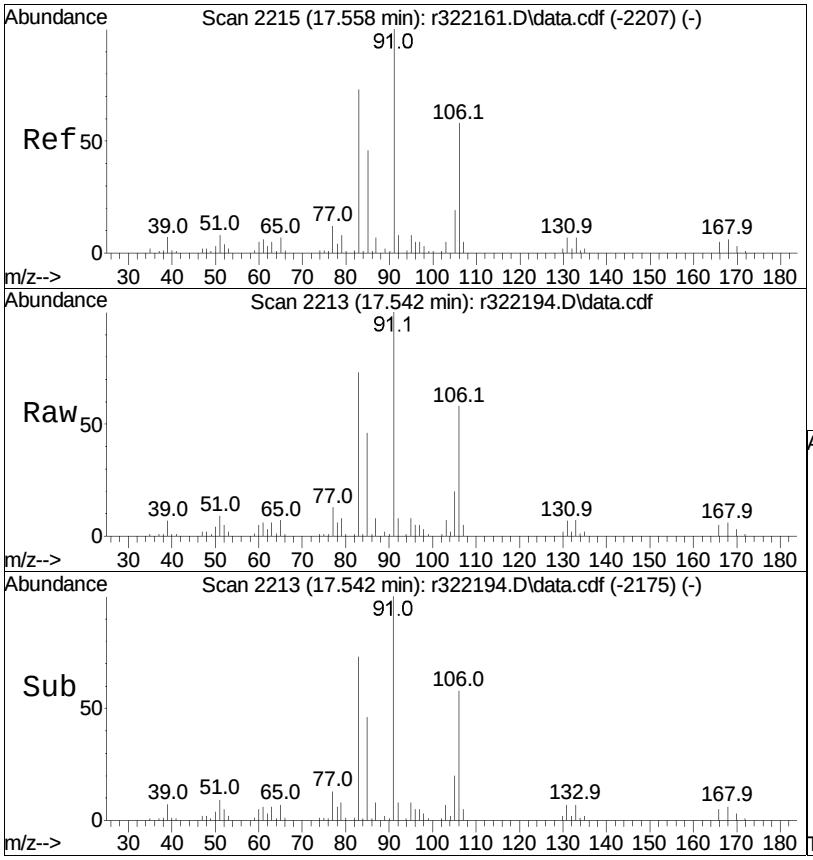


#85
styrene
Concen: 12.19 ppbV
RT: 17.442 min Scan# 2201
Delta R.T. -0.017 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion:104 Resp: 826685

Ion	Ratio	Lower	Upper
104	100		
103	43.3	34.4	51.6
78	43.8	35.1	52.7

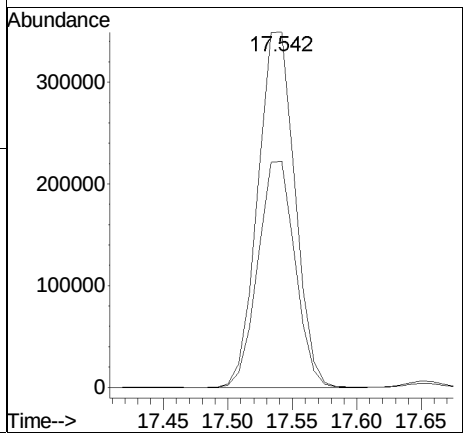


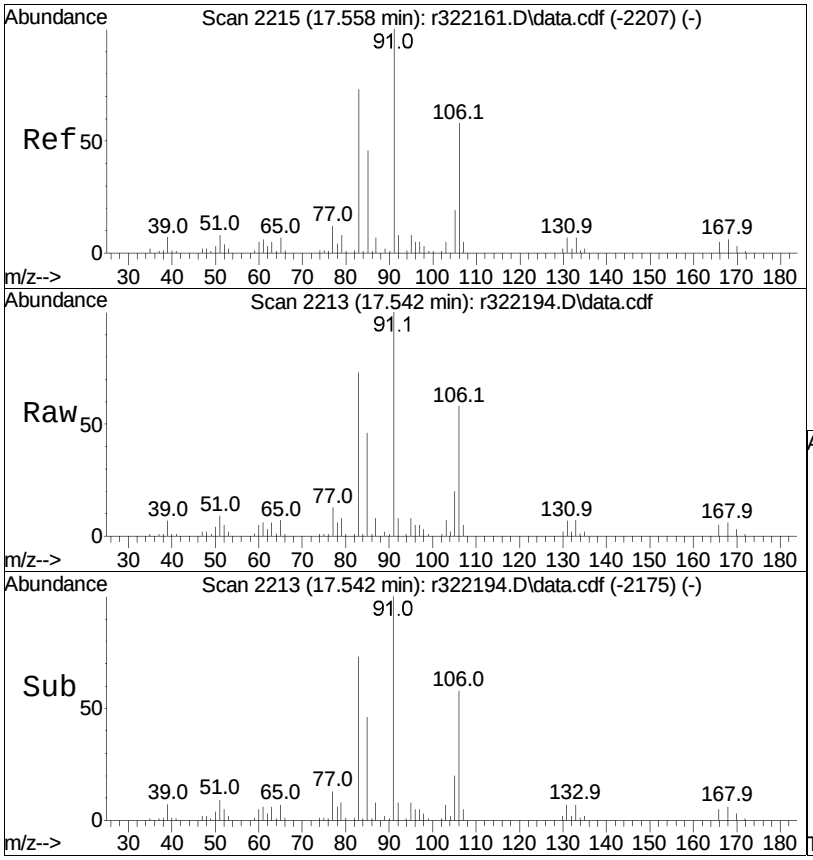


#86
1,1,2,2-tetrachloroethane
Concen: 12.37 ppbV
RT: 17.542 min Scan# 2213
Delta R.T. -0.017 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion: 83 Resp: 699819

Ion	Ratio	Lower	Upper
83	100		
85	63.6	50.6	75.8

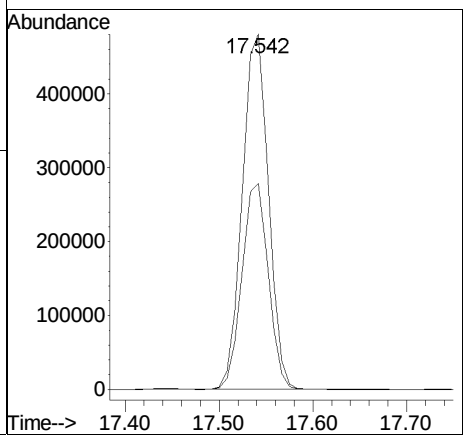


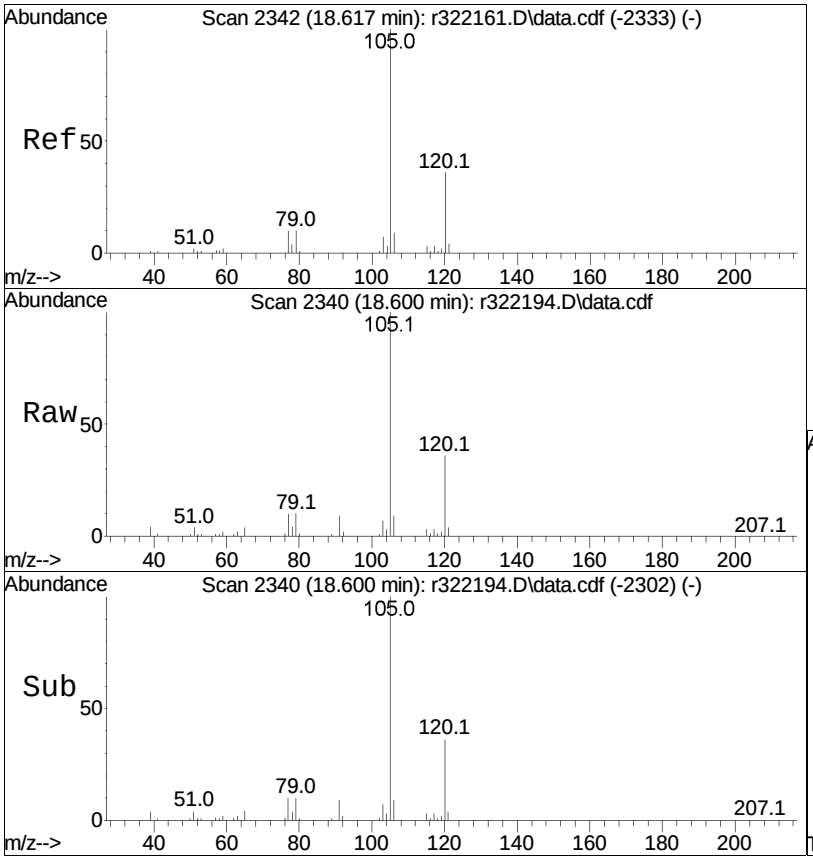


#87
o-xylene
Concen: 12.28 ppbV
RT: 17.542 min Scan# 2213
Delta R.T. -0.017 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion: 91 Resp: 932618

Ion	Ratio	Lower	Upper
91	100		
106	58.0	46.4	69.6

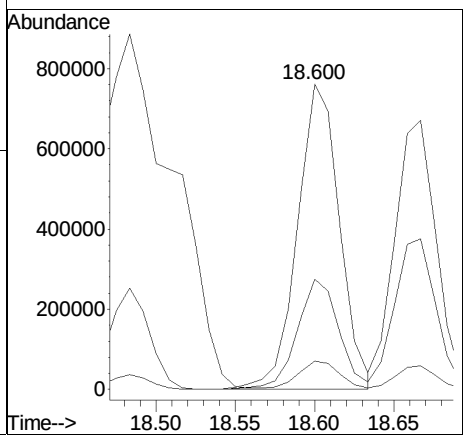


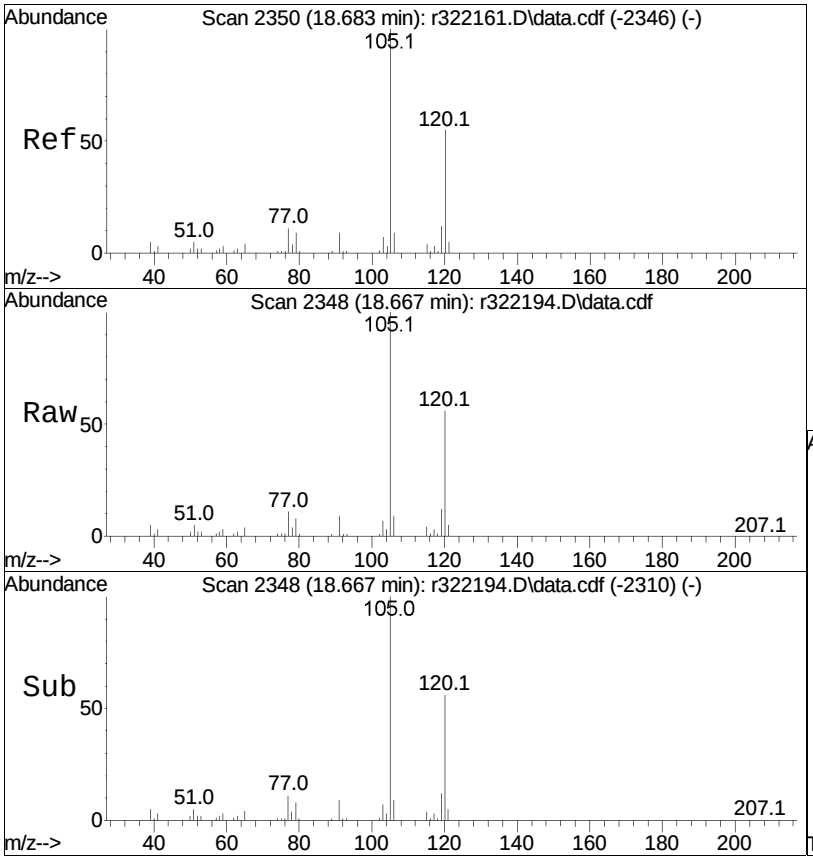


#96
4-ethyl toluene
Concen: 12.13 ppbV
RT: 18.600 min Scan# 2340
Delta R.T. -0.017 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion:105 Resp: 1401487

Ion	Ratio	Lower	Upper
105	100		
120	36.1	28.6	42.8
91	9.3	7.4	11.2

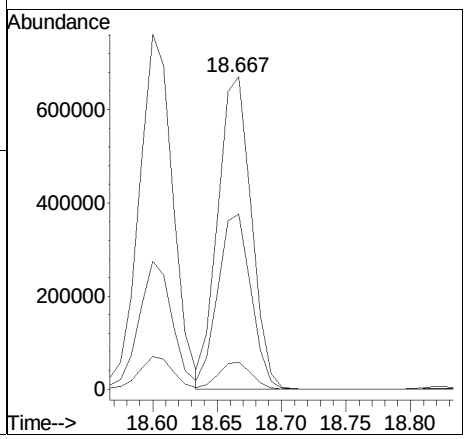


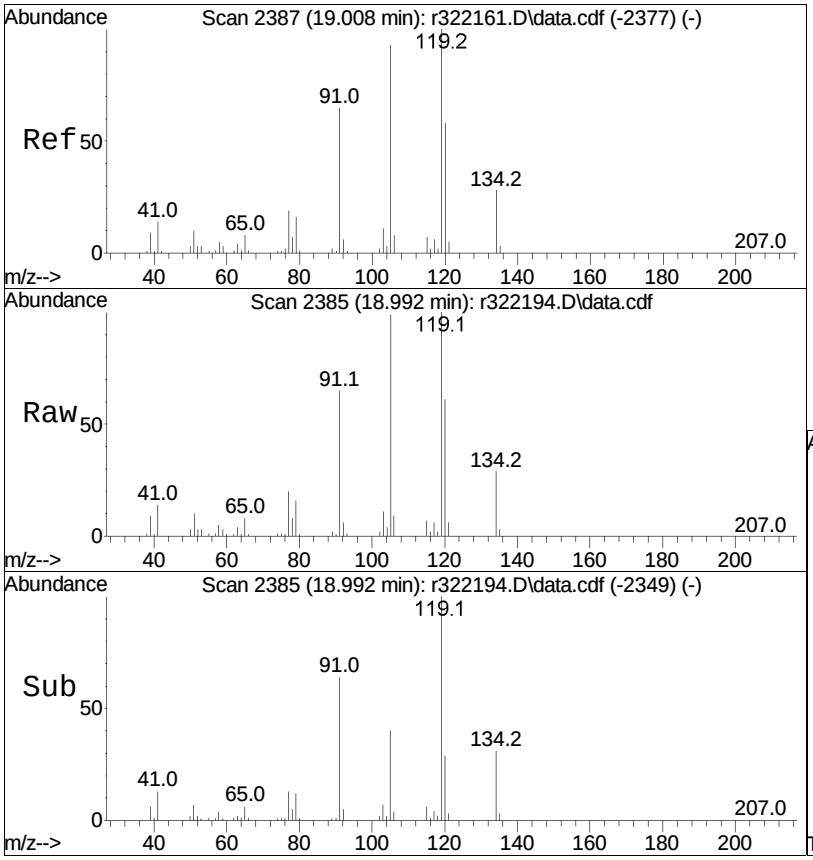


#97
1,3,5-trimethylbenzene
Concen: 11.45 ppbV
RT: 18.667 min Scan# 2348
Delta R.T. -0.017 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion:105 Resp: 1211484

Ion	Ratio	Lower	Upper
105	100		
120	56.0	43.7	65.5
91	8.8	7.0	10.4

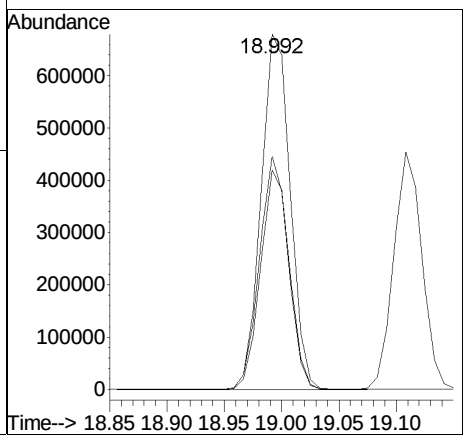


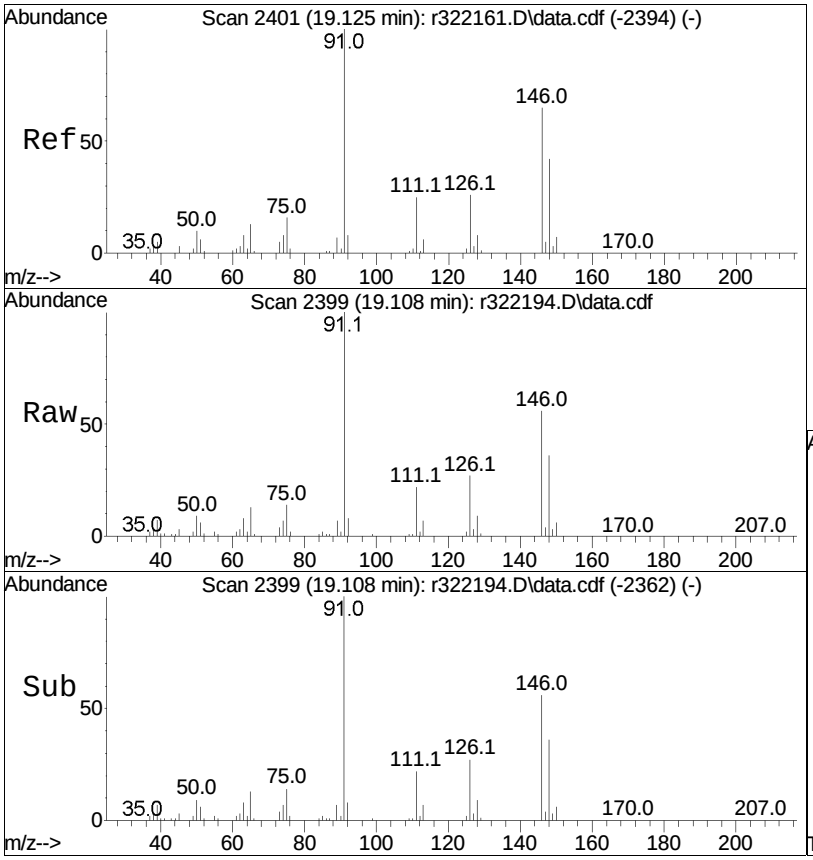


#99
1,2,4-trimethylbenzene
Concen: 12.94 ppbV
RT: 18.992 min Scan# 2385
Delta R.T. -0.017 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion:105 Resp: 1199823

Ion	Ratio	Lower	Upper
105	100		
120	61.7	49.4	74.2
91	65.6	55.8	83.8

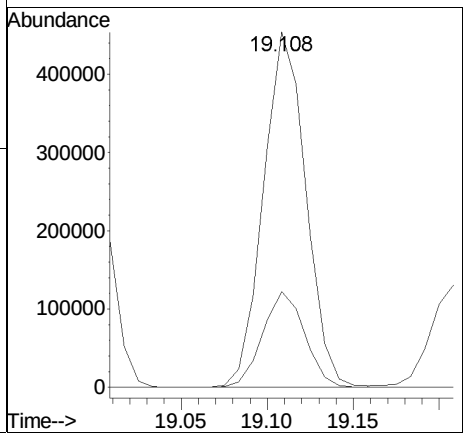


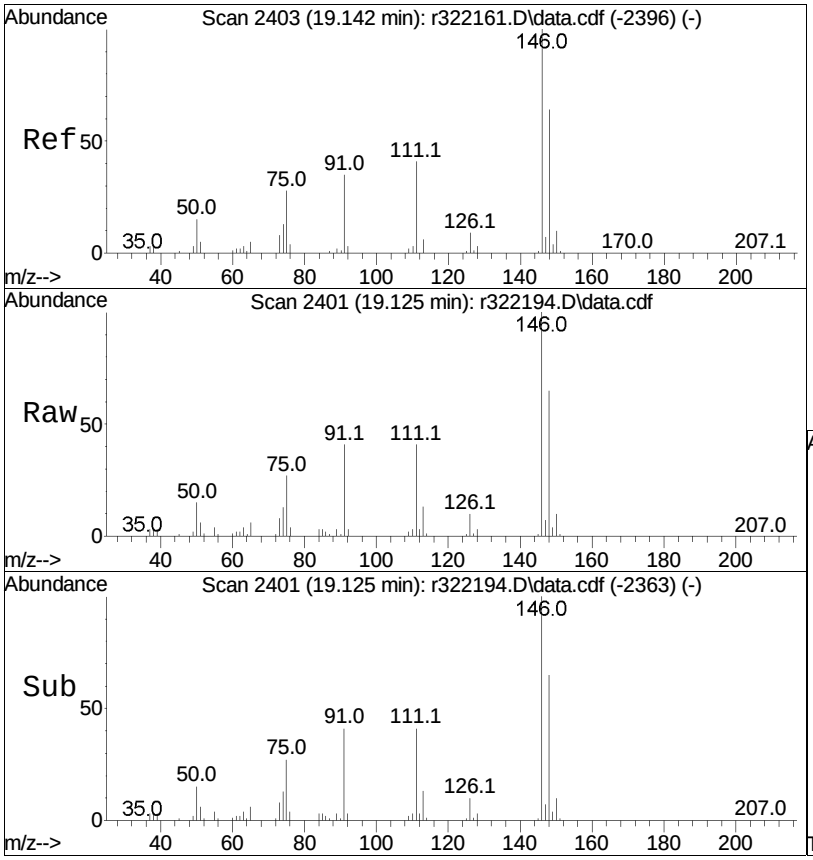


#101
Benzyl Chloride
Concen: 14.85 ppbV
RT: 19.108 min Scan# 2399
Delta R.T. -0.017 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion: 91 Resp: 777787

Ion	Ratio	Lower	Upper
91	100		
126	27.0	20.9	31.3

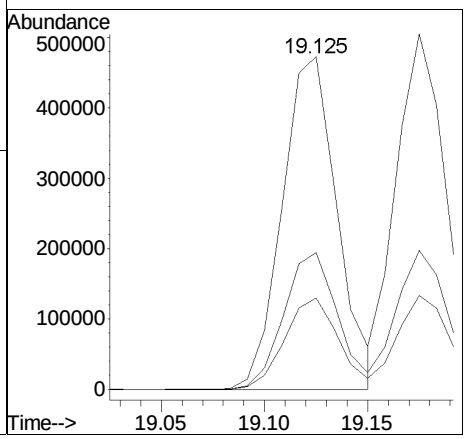


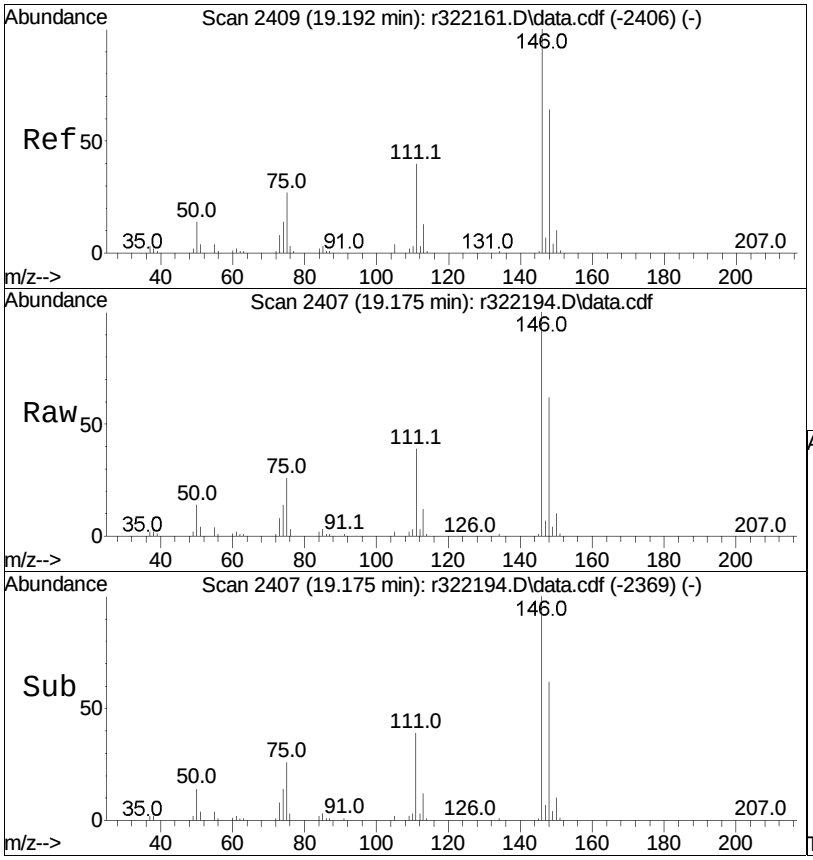


#102
1,3-dichlorobenzene
Concen: 12.51 ppbV
RT: 19.125 min Scan# 2401
Delta R.T. -0.017 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion:146 Resp: 876124

Ion	Ratio	Lower	Upper
146	100		
111	41.1	32.8	49.2
75	27.5	22.2	33.2

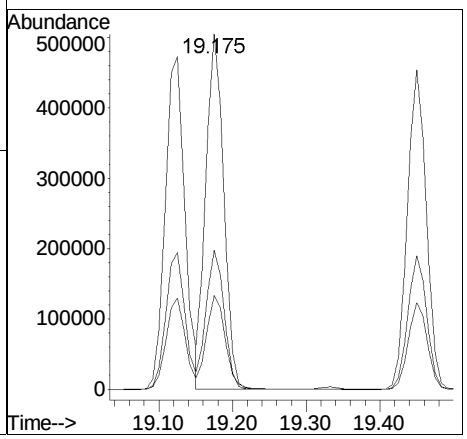


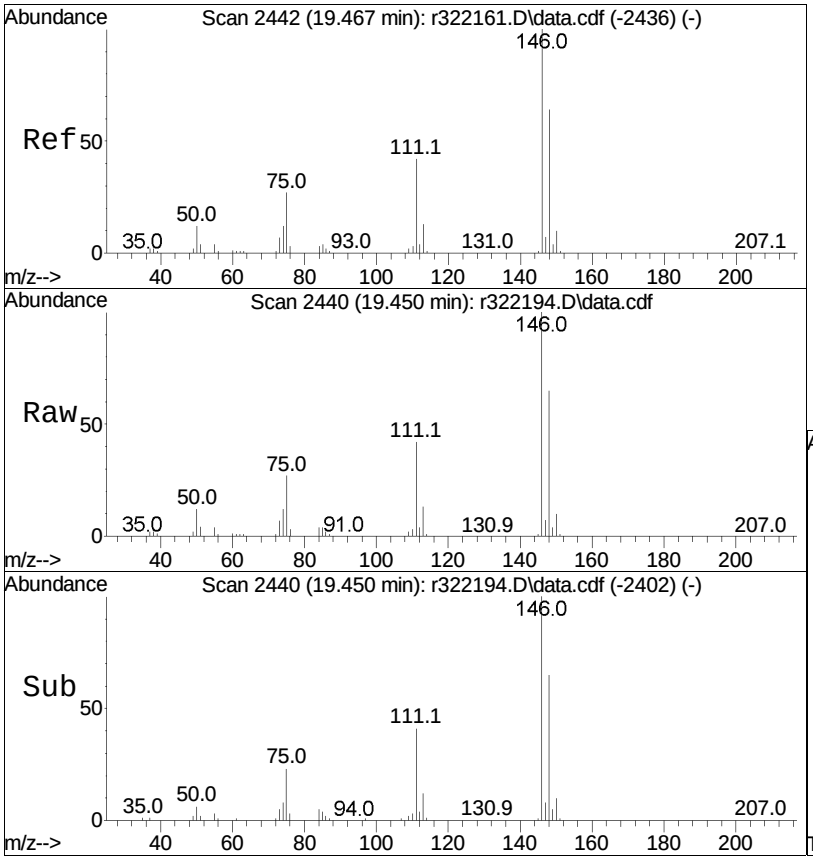


#103
1,4-dichlorobenzene
Concen: 12.54 ppbV
RT: 19.175 min Scan# 2407
Delta R.T. -0.017 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion:146 Resp: 853919

Ion	Ratio	Lower	Upper
146	100		
111	39.1	31.4	47.2
75	26.4	21.7	32.5

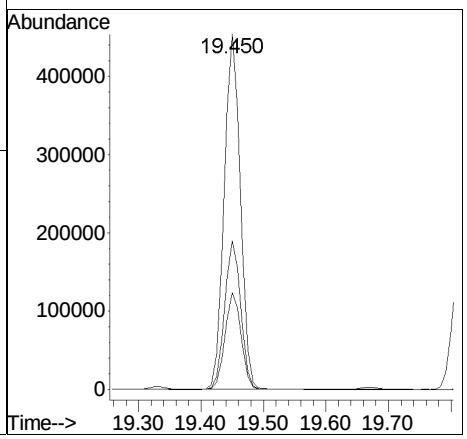


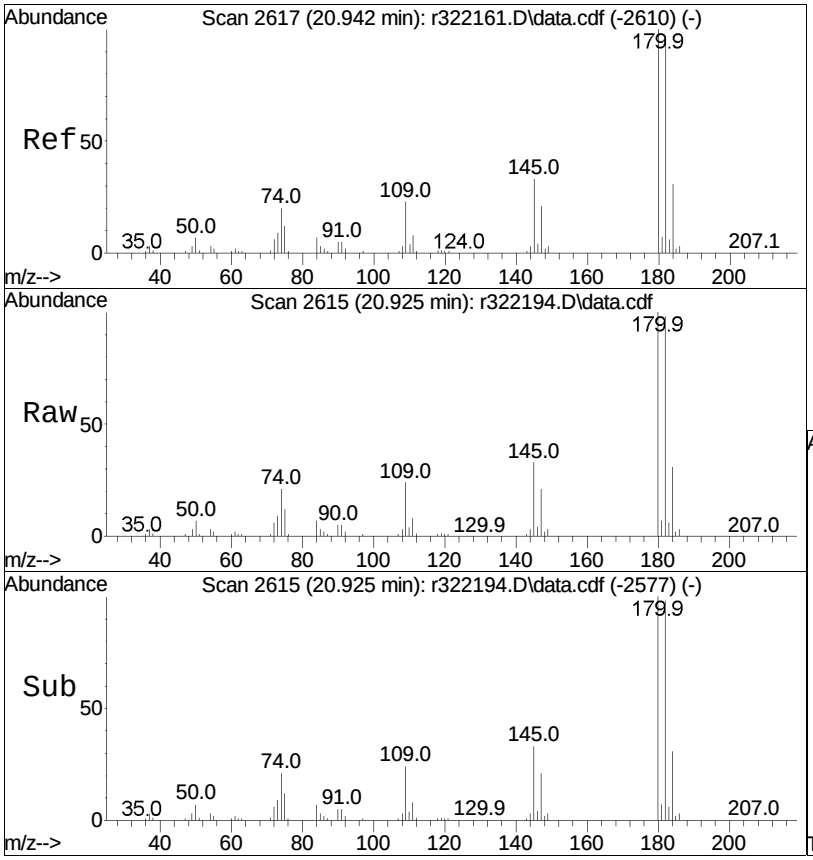


#107
1,2-dichlorobenzene
Concen: 12.42 ppbV
RT: 19.450 min Scan# 2440
Delta R.T. -0.017 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion:146 Resp: 813985

Ion	Ratio	Lower	Upper
146	100		
111	41.9	33.4	50.2
75	27.2	21.8	32.8

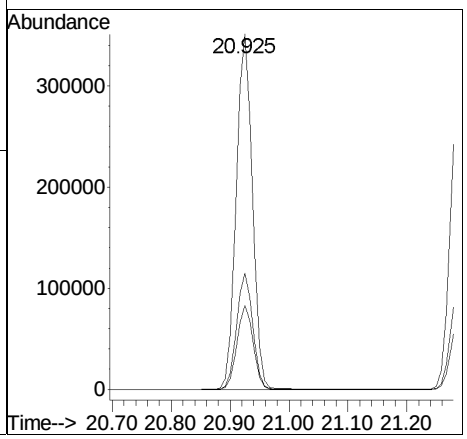


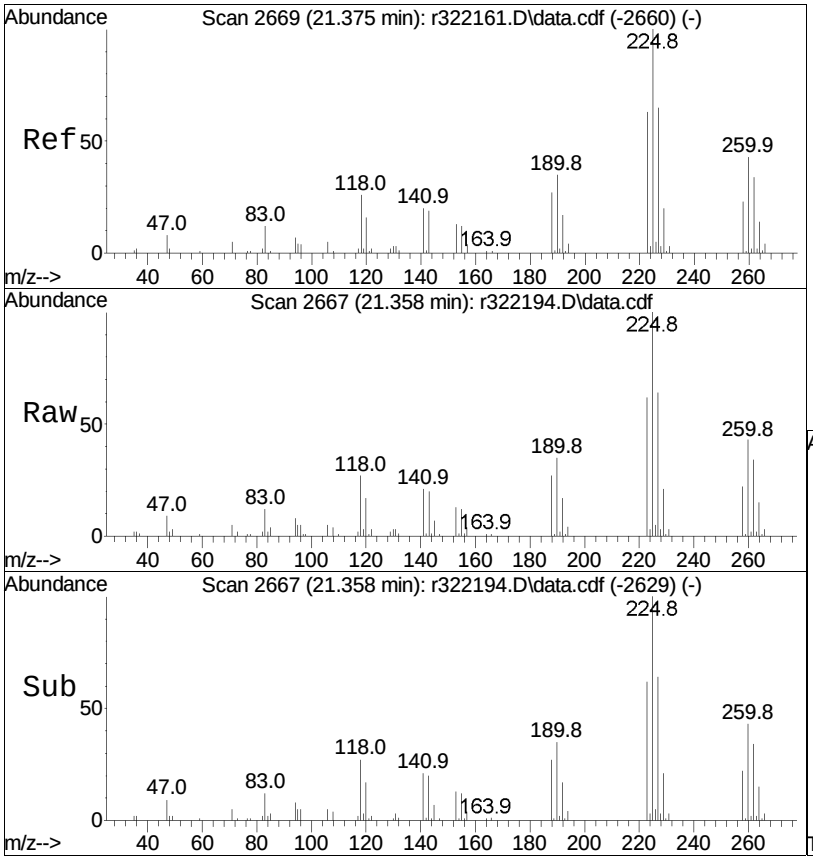


#115
1,2,4-trichlorobenzene
Concen: 12.96 ppbV
RT: 20.925 min Scan# 2615
Delta R.T. -0.017 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion:180 Resp: 671092

Ion	Ratio	Lower	Upper
180	100		
145	32.7	26.3	39.5
109	23.7	18.6	28.0

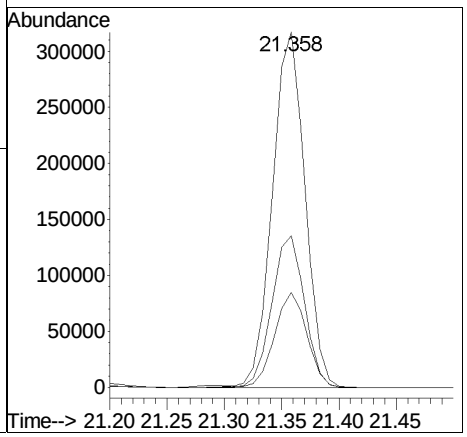




#119
hexachlorobutadiene
Concen: 12.86 ppbV
RT: 21.358 min Scan# 2667
Delta R.T. -0.017 min
Lab File: r322194.D
Acq: 18 May 2022 1:48 PM

Tgt Ion:225 Resp: 624779

Ion	Ratio	Lower	Upper
225	100		
260	42.7	34.3	51.5
118	26.8	21.2	31.8



Evaluate Continuing Calibration Report

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0519T\
Data File : r322225.D
Acq On : 19 May 2022 2:23 PM
Operator : AIRPIANO3:TS
Sample : WG1640711-3,3,250,250
Misc : WG1640711,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 19 16:50:01 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0519T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	bromochloromethane	10.000	10.000	0.0	104	-0.02
2		chlorodifluoromethane	10.000	10.824	-8.2	137	0.00
3		propylene	10.000	11.377	-13.8	155	0.00
4		propane	10.000	10.247	-2.5	135	0.00
5		dichlorodifluoromethane	10.000	10.732	-7.3	132	0.00
6	C	chloromethane	10.000	10.237	-2.4	133	-0.01
7		Freon-114	10.000	11.010	-10.1	136	0.00
8	C	methanol	50.000	40.210	19.6	88	-0.01
9	C	vinyl chloride	10.000	10.717	-7.2	136	0.00
10	C	1,3-butadiene	10.000	12.408	-24.1	160	-0.01
11		butane	10.000	10.498	-5.0	144	0.00
13	C	bromomethane	10.000	10.702	-7.0	137	0.00
14	C	chloroethane	10.000	10.466	-4.7	137	0.00
15		ethanol	50.000	58.856	-17.7	142	0.00
16		dichlorofluoromethane	10.000	11.910	-19.1	142	-0.01
17	C	vinyl bromide	10.000	11.684	-16.8	149	-0.01
18	C	acrolein	10.000	7.592	24.1	138	-0.01
19		acetone	50.000	61.336	-22.7	172	-0.01
20	C	acetonitrile	10.000	9.582	4.2	141	-0.01
21		trichlorofluoromethane	10.000	11.333	-13.3	140	-0.01
22		isopropyl alcohol	25.000	32.873	-31.5#	163	-0.02
23	C	acrylonitrile	10.000	11.286	-12.9	150	-0.02
24		pentane	10.000	11.238	-12.4	151	0.00
25		ethyl ether	10.000	10.427	-4.3	143	-0.01
26	C	1,1-dichloroethene	10.000	10.924	-9.2	139	-0.01
27		tertiary butyl alcohol	10.000	12.278	-22.8	158	-0.02
28	C	methylene chloride	10.000	9.157	8.4	112	-0.01
29	C	3-chloropropene	10.000	13.028	-30.3#	168	-0.02
30	C	carbon disulfide	10.000	11.301	-13.0	143	-0.01
31		Freon 113	10.000	11.140	-11.4	142	-0.01
32		trans-1,2-dichloroethene	10.000	11.296	-13.0	145	0.00
33	C	1,1-dichloroethane	10.000	10.686	-6.9	138	0.00
34	C	MTBE	10.000	12.422	-24.2	156	-0.02
35	C	vinyl acetate	10.000	11.552	-15.5	158	-0.02
36	C	2-butanone	10.000	11.308	-13.1	153	-0.02
37		cis-1,2-dichloroethene	10.000	10.860	-8.6	138	-0.02
38		Ethyl Acetate	10.000	12.054	-20.5	155	-0.02
39	C	chloroform	10.000	11.179	-11.8	139	0.00
40		Tetrahydrofuran	10.000	11.657	-16.6	152	-0.02

Evaluate Continuing Calibration Report

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0519T\
Data File : r322225.D
Acq On : 19 May 2022 2:23 PM
Operator : AIRPIANO3:TS
Sample : WG1640711-3,3,250,250
Misc : WG1640711,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 19 16:50:01 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0519T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41		2,2-dichloropropane	10.000	12.563	-25.6	152	-0.02
42	C	1,2-dichloroethane	10.000	10.515	-5.2	136	0.00
43	I	1,4-difluorobenzene	10.000	10.000	0.0	103	-0.01
44	C	hexane	10.000	11.444	-14.4	146	-0.02
45		diisopropyl ether	10.000	11.330	-13.3	147	0.00
46		tert-butyl ethyl ether	10.000	11.550	-15.5	145	-0.02
48	C	1,1,1-trichloroethane	10.000	11.123	-11.2	144	0.00
49		1,1-dichloropropene	10.000	11.958	-19.6	152	-0.01
50	C	benzene	10.000	9.516	4.8	134	-0.01
52	C	carbon tetrachloride	10.000	11.737	-17.4	143	-0.01
53		cyclohexane	10.000	11.589	-15.9	152	-0.01
54		tert-amyl methyl ether	10.000	11.747	-17.5	149	-0.01
55		dibromomethane	10.000	11.156	-11.6	147	-0.01
56	C	1,2-dichloropropane	10.000	10.630	-6.3	139	-0.01
57		bromodichloromethane	10.000	12.199	-22.0	155	-0.01
58	C	1,4-dioxane	10.000	11.789	-17.9	154	-0.01
59	C	trichloroethene	10.000	10.943	-9.4	139	-0.01
60	C	2,2,4-trimethylpentane	10.000	12.031	-20.3	158	0.00
61		methyl methacrylate	10.000	12.847	-28.5	168	-0.01
62		heptane	10.000	12.075	-20.7	159	0.00
63	C	cis-1,3-dichloropropene	10.000	11.928	-19.3	149	-0.02
64	C	4-methyl-2-pentanone	10.000	12.478	-24.8	156	-0.02
65		trans-1,3-dichloropropene	10.000	10.578	-5.8	128	-0.02
66	C	1,1,2-trichloroethane	10.000	11.147	-11.5	144	-0.02
67	I	chlorobenzene-D5	10.000	10.000	0.0	104	0.00
68	C	toluene	10.000	10.544	-5.4	137	0.00
71		1,3-dichloropropane	10.000	11.186	-11.9	145	-0.02
72		2-hexanone	10.000	12.344	-23.4	151	0.00
74		dibromochloromethane	10.000	13.238	-32.4#	164	0.00
75	C	1,2-dibromoethane	10.000	11.246	-12.5	141	0.00
76		butyl acetate	10.000	11.884	-18.8	145	0.00
77		octane	10.000	11.117	-11.2	144	0.00
78	C	tetrachloroethene	10.000	10.881	-8.8	138	0.00
79		1,1,1,2-tetrachloroethane	10.000	12.179	-21.8	149	0.00
80	C	chlorobenzene	10.000	10.929	-9.3	139	-0.02
81	C	ethylbenzene	10.000	10.965	-9.6	139	0.00
83	C	m+p-xylene	20.000	22.143	-10.7	137	0.00

Evaluate Continuing Calibration Report

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0519T\
Data File : r322225.D
Acq On : 19 May 2022 2:23 PM
Operator : AIRPIANO3:TS
Sample : WG1640711-3,3,250,250
Misc : WG1640711,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 19 16:50:01 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0519T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
84	C	bromoform	10.000	13.612	-36.1#	163	-0.02
85	C	styrene	10.000	11.296	-13.0	139	0.00
86	C	1,1,2,2-tetrachloroethane	10.000	11.357	-13.6	137	0.00
87	C	o-xylene	10.000	11.415	-14.1	139	0.00
88		1,2,3-trichloropropane	10.000	11.416	-14.2	144	0.00
89		nonane	10.000	11.291	-12.9	144	0.00
91	C	isopropylbenzene	10.000	11.972	-19.7	149	0.00
92		bromobenzene	10.000	11.554	-15.5	145	0.00
93		2-chlorotoluene	10.000	11.378	-13.8	143	0.00
94		n-propylbenzene	10.000	11.638	-16.4	145	0.00
95		4-chlorotoluene	10.000	11.450	-14.5	143	0.00
96		4-ethyl toluene	10.000	12.309	-23.1	149	0.00
97		1,3,5-trimethylbenzene	10.000	10.636	-6.4	122	0.00
98		tert-butylbenzene	10.000	11.941	-19.4	140	0.00
99		1,2,4-trimethylbenzene	10.000	11.918	-19.2	137	0.00
100		decane	10.000	11.687	-16.9	141	0.00
101	C	Benzyl Chloride	10.000	15.059	-50.6#	163	0.00
102		1,3-dichlorobenzene	10.000	11.669	-16.7	137	-0.02
103	C	1,4-dichlorobenzene	10.000	11.468	-14.7	137	0.00
104		sec-butylbenzene	10.000	12.019	-20.2	143	0.00
106		p-isopropyltoluene	10.000	11.807	-18.1	134	-0.02
107		1,2-dichlorobenzene	10.000	11.480	-14.8	138	0.00
108		n-butylbenzene	10.000	12.527	-25.3	147	0.00
111	C	1,2-dibromo-3-chloropropane	10.000	13.254	-32.5#	146	0.00
112		undecane	10.000	12.248	-22.5	140	0.00
114		dodecane	10.000	12.376	-23.8	130	0.00
115	C	1,2,4-trichlorobenzene	10.000	12.450	-24.5	139	0.00
116		naphthalene	10.000	13.266	-32.7#	148	0.00
117		1,2,3-trichlorobenzene	10.000	13.194	-31.9#	149	0.00
119	C	hexachlorobutadiene	10.000	11.720	-17.2	134	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 4

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0519T\
Data File : r322225.D
Acq On : 19 May 2022 2:23 PM
Operator : AIRPIANO3:TS
Sample : WG1640711-3,3,250,250
Misc : WG1640711,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 19 16:50:01 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0519T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0519T\r322225.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.550	49	440035	10.000	ppbV	-0.02
Standard Area = 440035			Recovery = 100.00%			
43) 1,4-difluorobenzene	11.827	114	1334123	10.000	ppbV	-0.01
Standard Area = 1334123			Recovery = 100.00%			
67) chlorobenzene-D5	16.575	54	210666	10.000	ppbV	0.00
Standard Area = 210666			Recovery = 100.00%			
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	3.946	85	371430	10.732	ppbV	100
6) chloromethane	4.126	50	170329	10.237	ppbV	99
7) Freon-114	4.258	85	495249	11.010	ppbV	100
9) vinyl chloride	4.390	62	230565	10.717	ppbV	99
10) 1,3-butadiene	4.552	54	215283	12.408	ppbV	98
13) bromomethane	4.870	94	184081	10.702	ppbV	100
14) chloroethane	5.092	64	115264	10.466	ppbV	100
15) ethanol	5.263	31	995008	58.856	ppbV	99
17) vinyl bromide	5.517	106	191879	11.684	ppbV	100
19) acetone	5.830	43	1478577	61.336	ppbV	97
21) trichlorofluoromethane	6.040	101	356694	11.333	ppbV	99
22) isopropyl alcohol	6.160	45	953568	32.873	ppbV	100
26) 1,1-dichloroethene	6.818	61	304748	10.924	ppbV	99
27) tertiary butyl alcohol	6.890	59	443136	12.278	ppbV	100
28) methylene chloride	6.986	49	251394	9.157	ppbV	100
29) 3-chloropropene	7.124	41	342365M4	13.028	ppbV	
30) carbon disulfide	7.280	76	711031	11.301	ppbV	100
31) Freon 113	7.322	101	391992	11.140	ppbV	98
32) trans-1,2-dichloroethene	8.125	61	322303	11.296	ppbV	99
33) 1,1-dichloroethane	8.358	63	365512	10.686	ppbV	100
34) MTBE	8.433	73	635425	12.422	ppbV	100
36) 2-butanone	8.842	43	495671	11.308	ppbV	99
37) cis-1,2-dichloroethene	9.358	61	276553	10.860	ppbV	99
38) Ethyl Acetate	9.658	61	86052	12.054	ppbV	91
39) chloroform	9.717	83	385011	11.179	ppbV	98
40) Tetrahydrofuran	10.158	42	294942	11.657	ppbV	100
42) 1,2-dichloroethane	10.567	62	226166	10.515	ppbV	99

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0519T\
Data File : r322225.D
Acq On : 19 May 2022 2:23 PM
Operator : AIRPIANO3:TS
Sample : WG1640711-3,3,250,250
Misc : WG1640711,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 19 16:50:01 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0519T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0519T\r322225.D
Sub List : Default-LCS-AP2 - All compounds listed

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	hexane	9.625	57	435200	11.444	ppbV	97
48)	1,1,1-trichloroethane	10.858	97	320093	11.123	ppbV	99
50)	benzene	11.387	78	743208	9.516	ppbV	100
52)	carbon tetrachloride	11.560	117	313476	11.737	ppbV	98
53)	cyclohexane	11.707	56	458348	11.589	ppbV	99
56)	1,2-dichloropropane	12.347	63	250251	10.630	ppbV	100
57)	bromodichloromethane	12.580	83	450826	12.199	ppbV	100
58)	1,4-dioxane	12.620	88	188082	11.789	ppbV	98
59)	trichloroethene	12.627	130	329061	10.943	ppbV	99
60)	2,2,4-trimethylpentane	12.680	57	1414077	12.031	ppbV	99
62)	heptane	13.000	43	529248	12.075	ppbV	99
63)	cis-1,3-dichloropropene	13.642	75	398857	11.928	ppbV	99
64)	4-methyl-2-pentanone	13.683	43	626569	12.478	ppbV	99
65)	trans-1,3-dichloropropene	14.267	75	318810	10.578	ppbV	100
66)	1,1,2-trichloroethane	14.467	97	278872	11.147	ppbV	98
68)	toluene	14.783	91	834472	10.544	ppbV	99
72)	2-hexanone	15.067	43	587877	12.344	ppbV	96
74)	dibromochloromethane	15.233	129	482609	13.238	ppbV	98
75)	1,2-dibromoethane	15.483	107	428530	11.246	ppbV	99
78)	tetrachloroethene	15.950	166	417190	10.881	ppbV	98
80)	chlorobenzene	16.608	112	742373	10.929	ppbV	98
81)	ethylbenzene	16.967	91	1041118	10.965	ppbV	100
83)	m+p-xylene	17.125	91	1717566	22.143	ppbV	99
84)	bromoform	17.192	173	461636	13.612	ppbV	100
85)	styrene	17.450	104	779669	11.296	ppbV	99
86)	1,1,2,2-tetrachloroethane	17.550	83	653948	11.357	ppbV	100
87)	o-xylene	17.550	91	882605	11.415	ppbV	100
96)	4-ethyl toluene	18.608	105	1448471	12.309	ppbV	99
97)	1,3,5-trimethylbenzene	18.675	105	1146218	10.636	ppbV	100
99)	1,2,4-trimethylbenzene	19.000	105	1125044	11.918	ppbV	99
101)	Benzyl Chloride	19.117	91	803365	15.059	ppbV	98
102)	1,3-dichlorobenzene	19.125	146	831907	11.669	ppbV	97
103)	1,4-dichlorobenzene	19.183	146	794943	11.468	ppbV	100
107)	1,2-dichlorobenzene	19.458	146	765814	11.480	ppbV	100
115)	1,2,4-trichlorobenzene	20.933	180	656308	12.450	ppbV	100
119)	hexachlorobutadiene	21.367	225	579628	11.720	ppbV	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0519T\
Data File : r322225.D
Acq On : 19 May 2022 2:23 PM
Operator : AIRPIANO3:TS
Sample : WG1640711-3,3,250,250
Misc : WG1640711,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 19 16:50:01 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0519T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

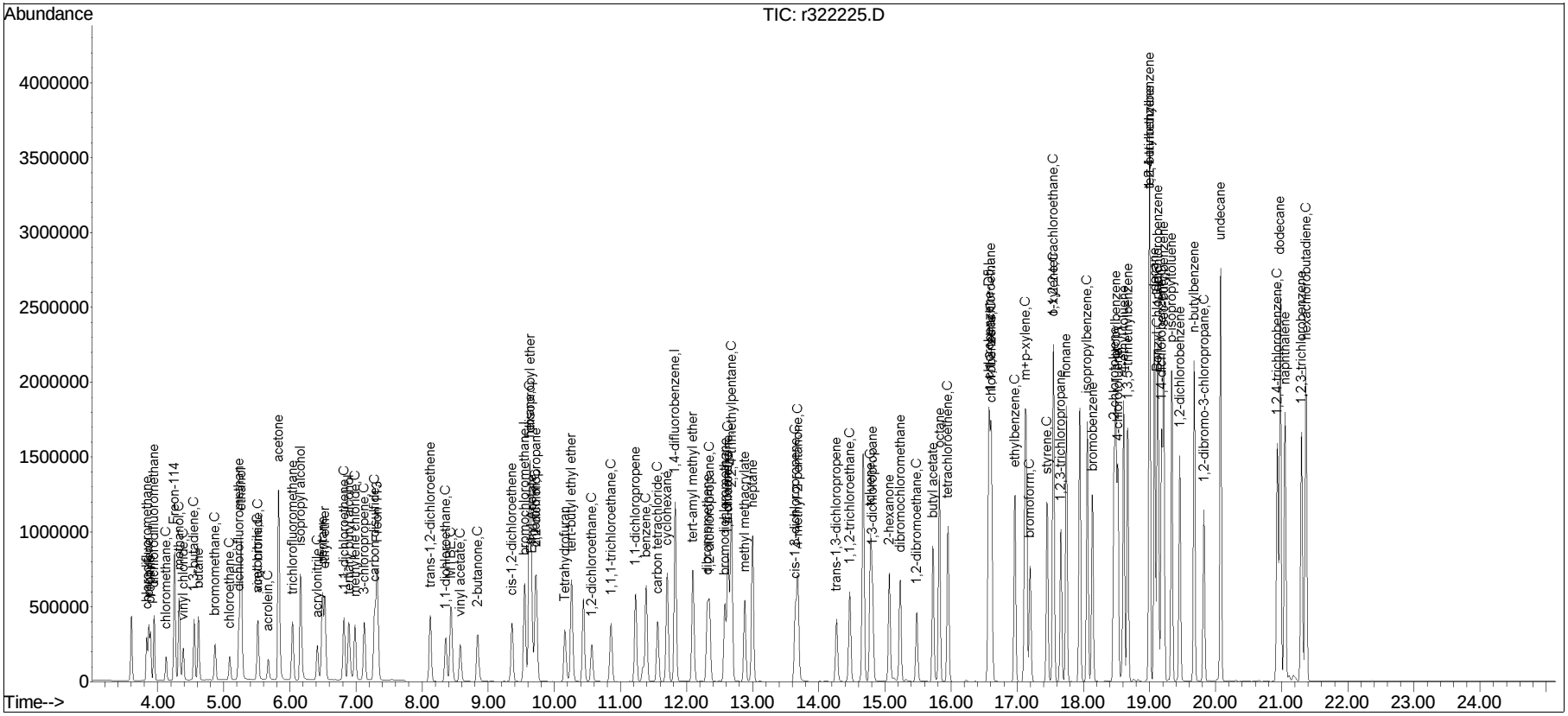
CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0519T\r322225.D
Sub List : Default-LCS-AP2 - All compounds listed

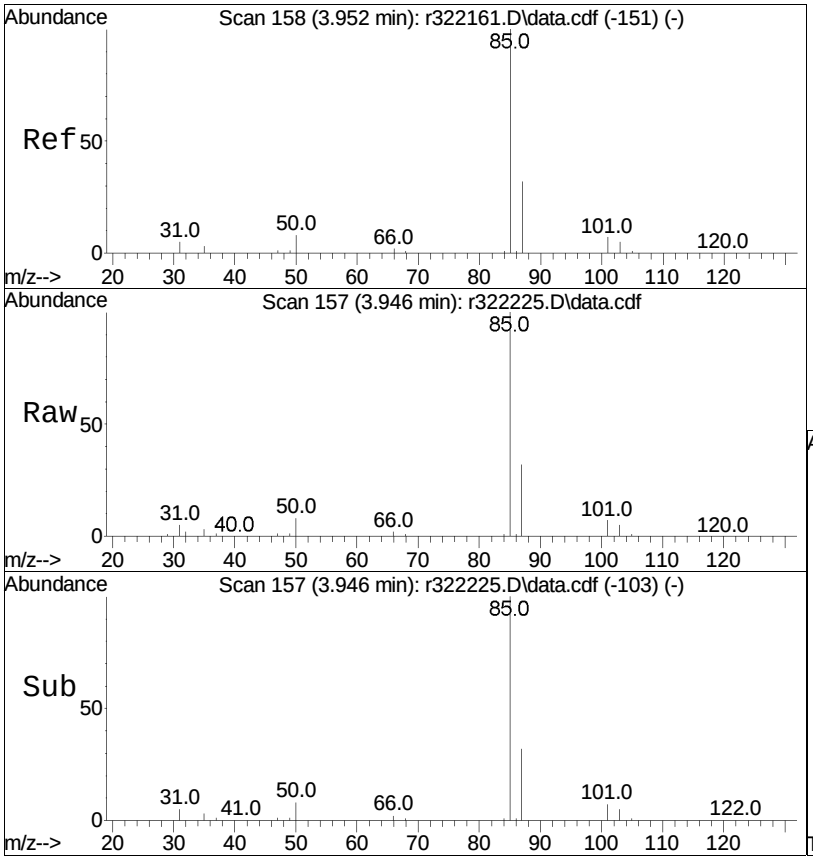
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Sub List : Default-LCS-AP2 - All compounds listed19T\r322225.D

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0519T\
Data File : r322225.D
Acq On : 19 May 2022 2:23 PM
Operator : AIRPIANO3:TS
Sample : WG1640711-3,3,250,250
Misc : WG1640711,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 19 16:50:01 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0519T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

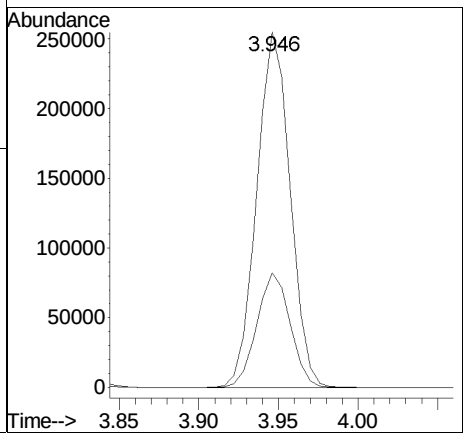


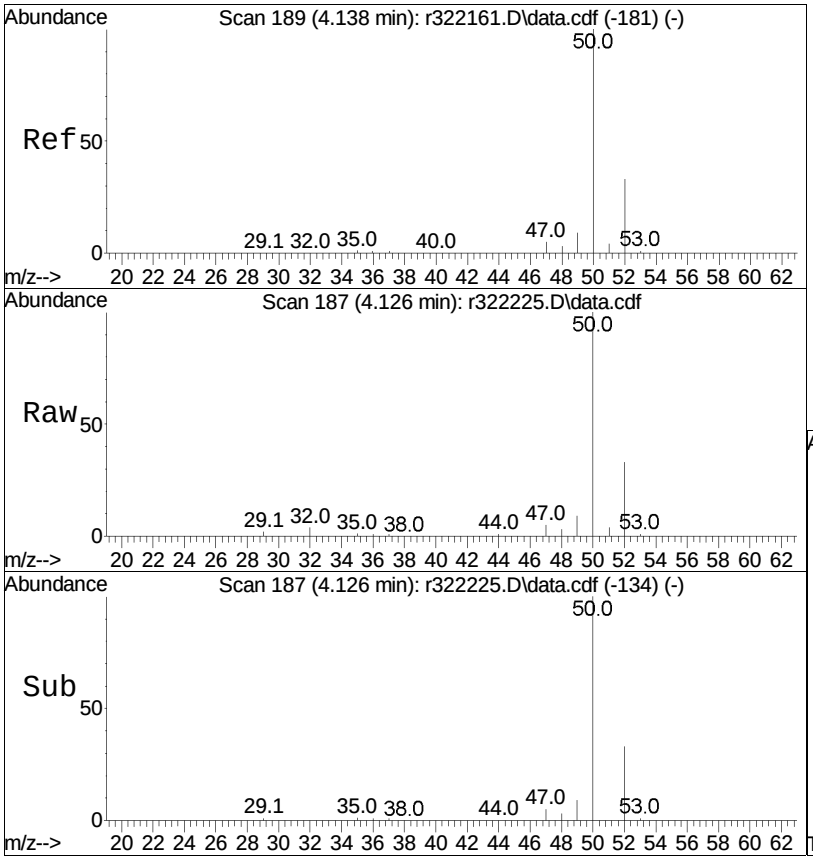


#5
dichlorodifluoromethane
Concen: 10.73 ppbV
RT: 3.946 min Scan# 157
Delta R.T. -0.006 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion: 85 Resp: 371430

Ion	Ratio	Lower	Upper
85	100		
87	32.3	25.8	38.6

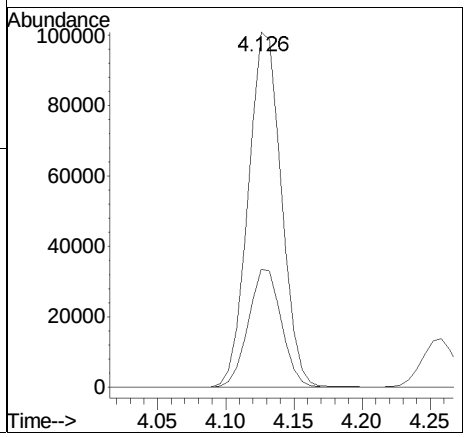


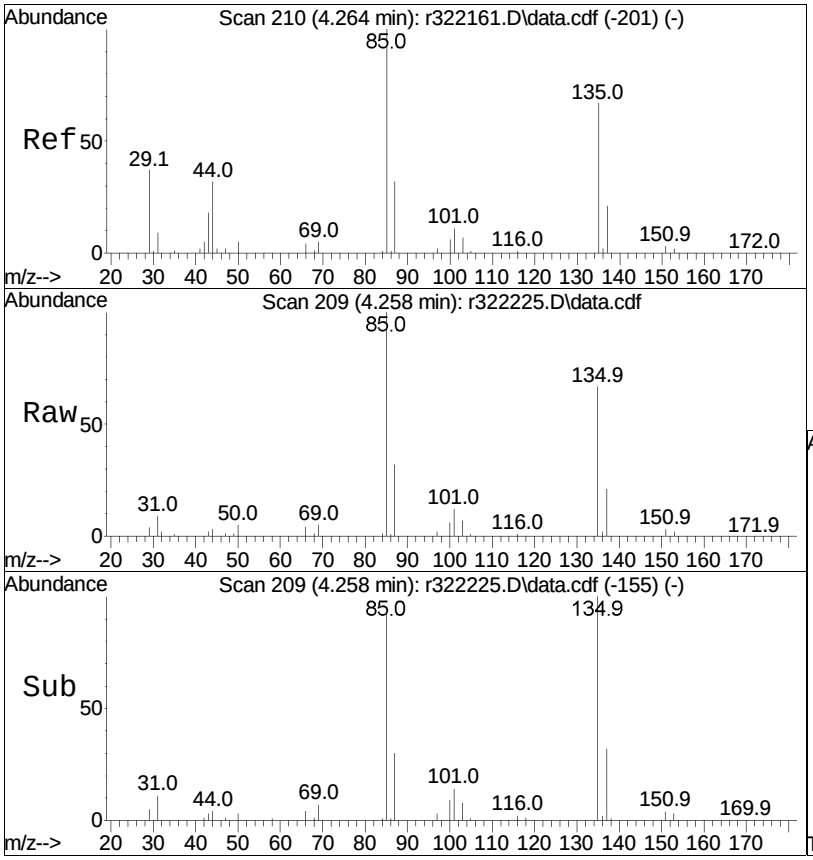


#6
chloromethane
Concen: 10.24 ppbV
RT: 4.126 min Scan# 187
Delta R.T. -0.012 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion: 50 Resp: 170329

Ion	Ratio	Lower	Upper
50	100		
52	33.3	26.3	39.5

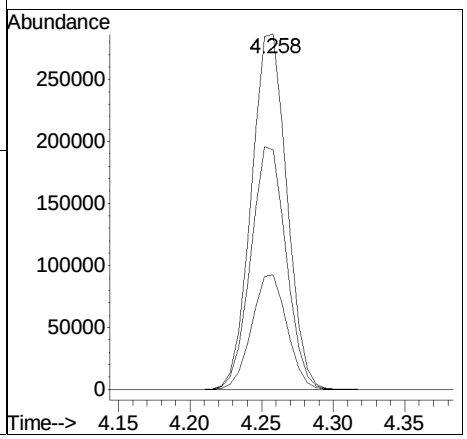


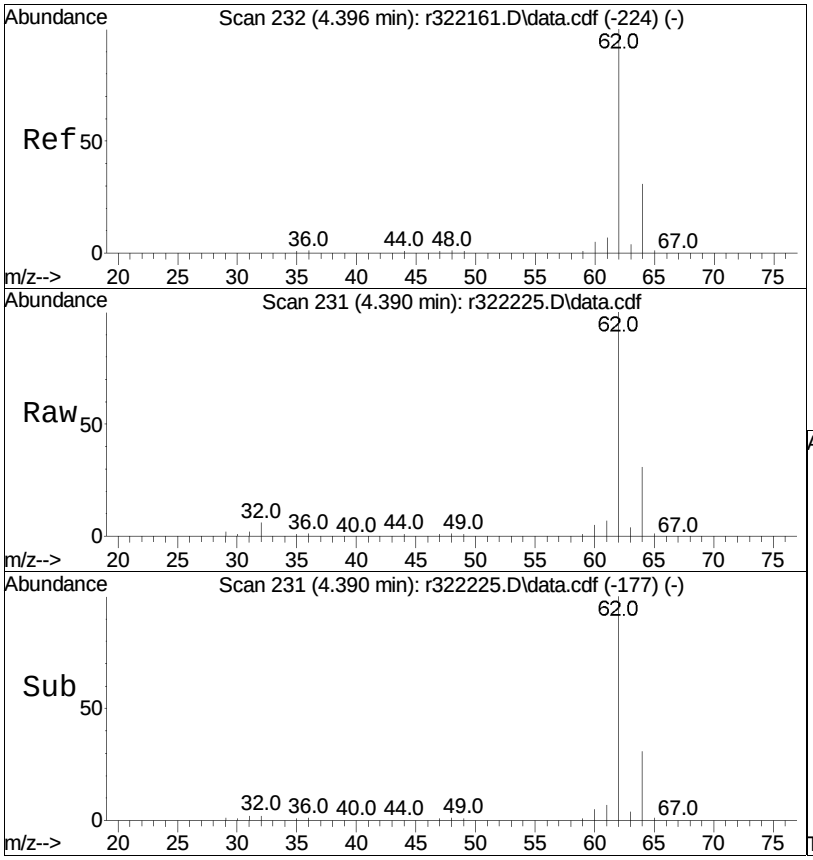


#7
Freon-114
Concen: 11.01 ppbV
RT: 4.258 min Scan# 209
Delta R.T. -0.006 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion: 85 Resp: 495249

Ion	Ratio	Lower	Upper
85	100		
87	32.2	25.7	38.5
135	67.4	53.8	80.6

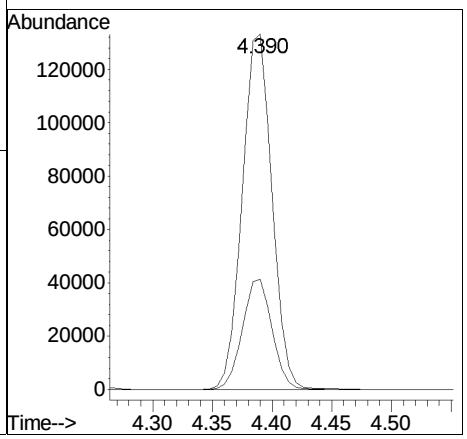


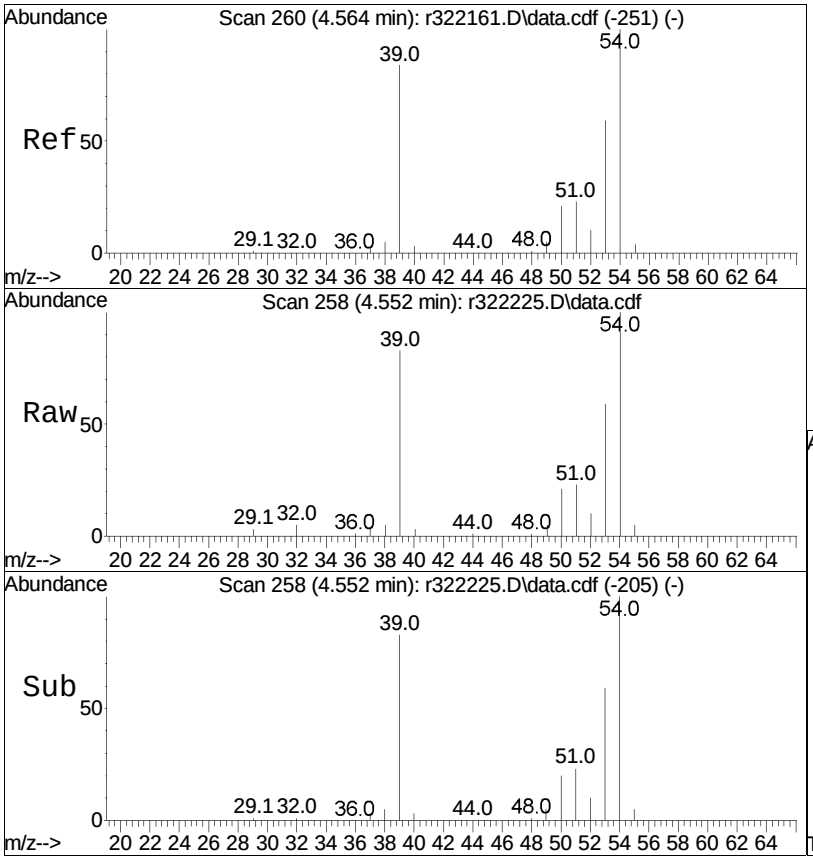


#9
vinyl chloride
Concen: 10.72 ppbV
RT: 4.390 min Scan# 231
Delta R.T. -0.006 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion: 62 Resp: 230565

Ion	Ratio	Lower	Upper
62	100		
64	31.0	24.4	36.6

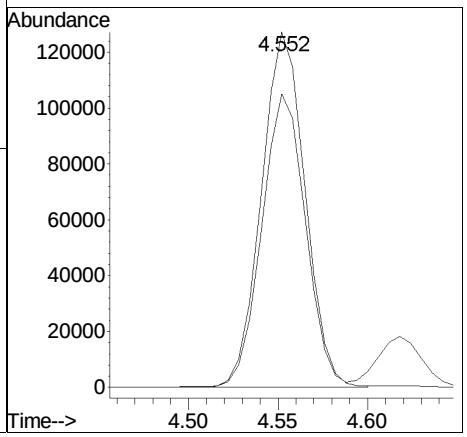


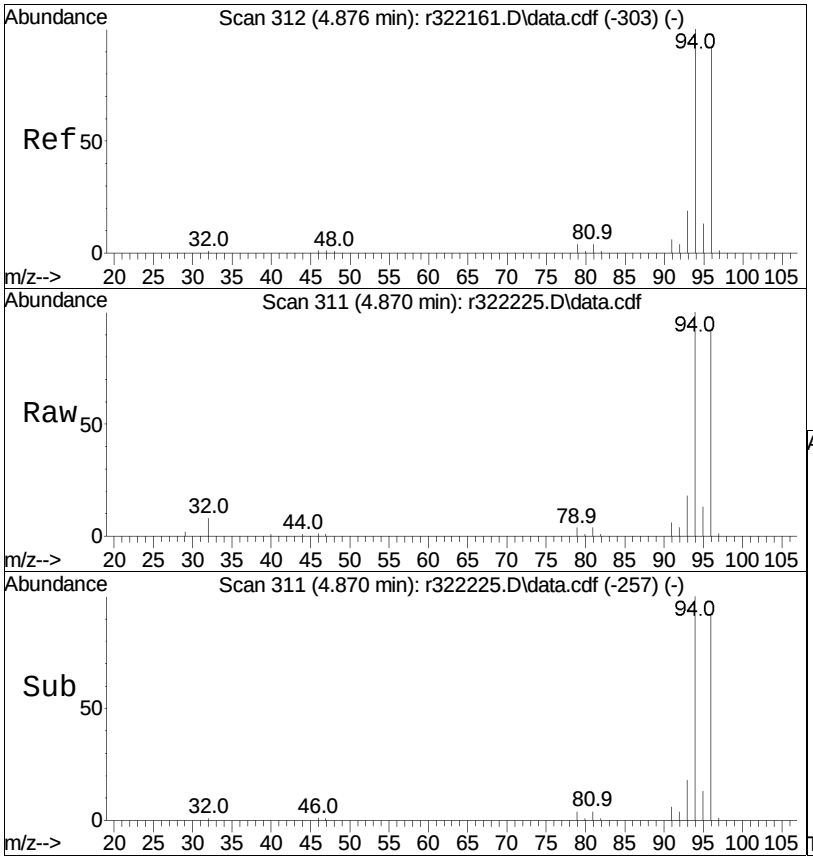


#10
1,3-butadiene
Concen: 12.41 ppbV
RT: 4.552 min Scan# 258
Delta R.T. -0.012 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion: 54 Resp: 215283

Ion	Ratio	Lower	Upper
54	100		
39	82.6	67.8	101.8

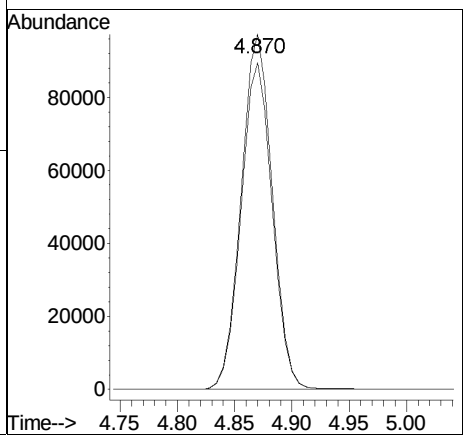


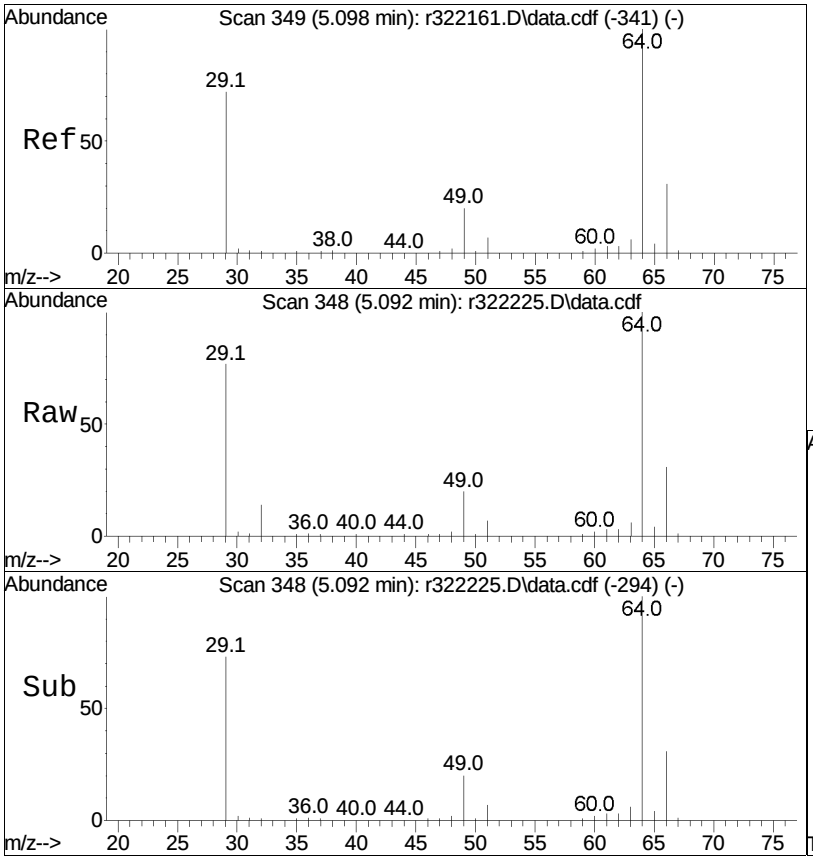


#13
bromomethane
Concen: 10.70 ppbV
RT: 4.870 min Scan# 311
Delta R.T. -0.006 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion: 94 Resp: 184081

Ion	Ratio	Lower	Upper
94	100		
96	91.9	73.8	110.6

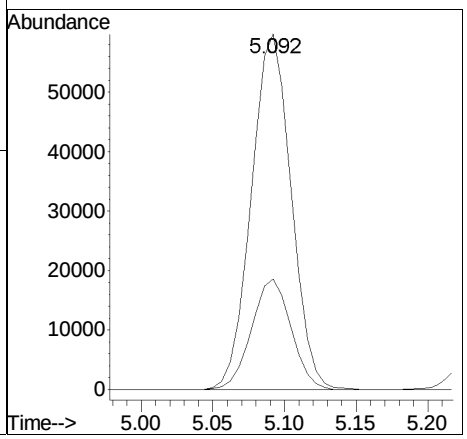


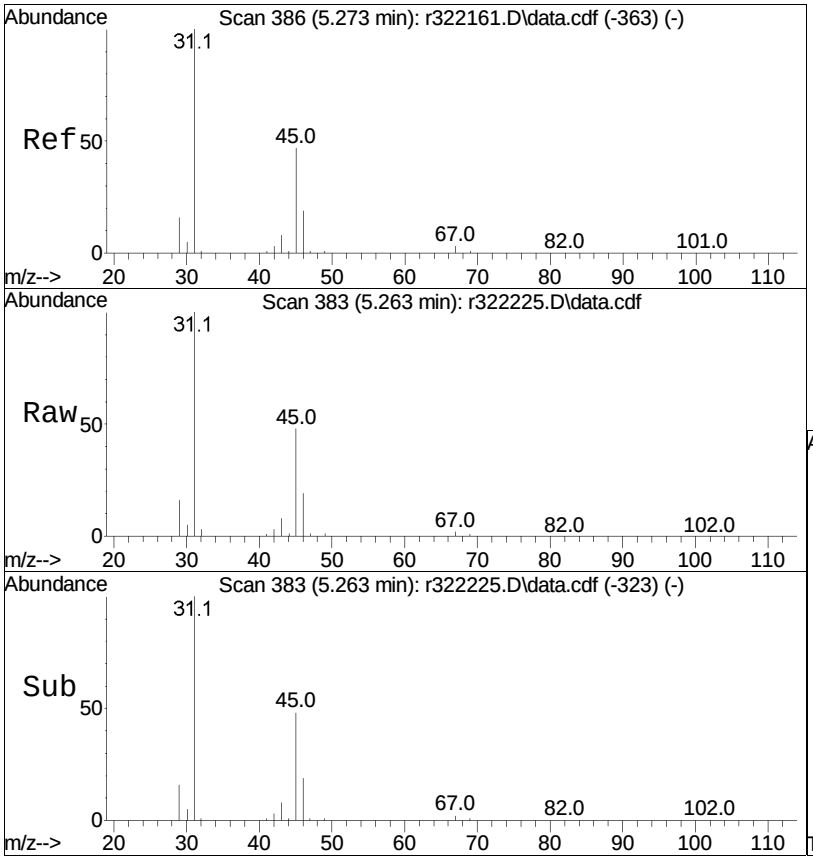


#14
chloroethane
Concen: 10.47 ppbV
RT: 5.092 min Scan# 348
Delta R.T. -0.006 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion: 64 Resp: 115264

Ion	Ratio	Lower	Upper
64	100		
66	31.1	24.9	37.3

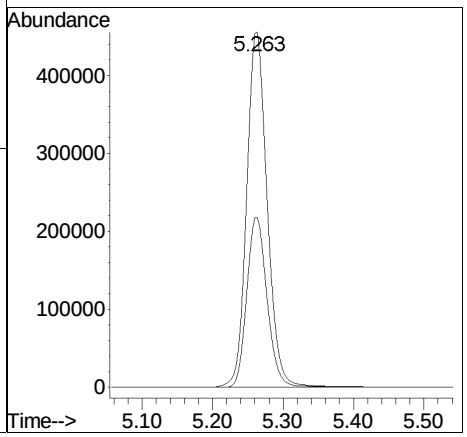


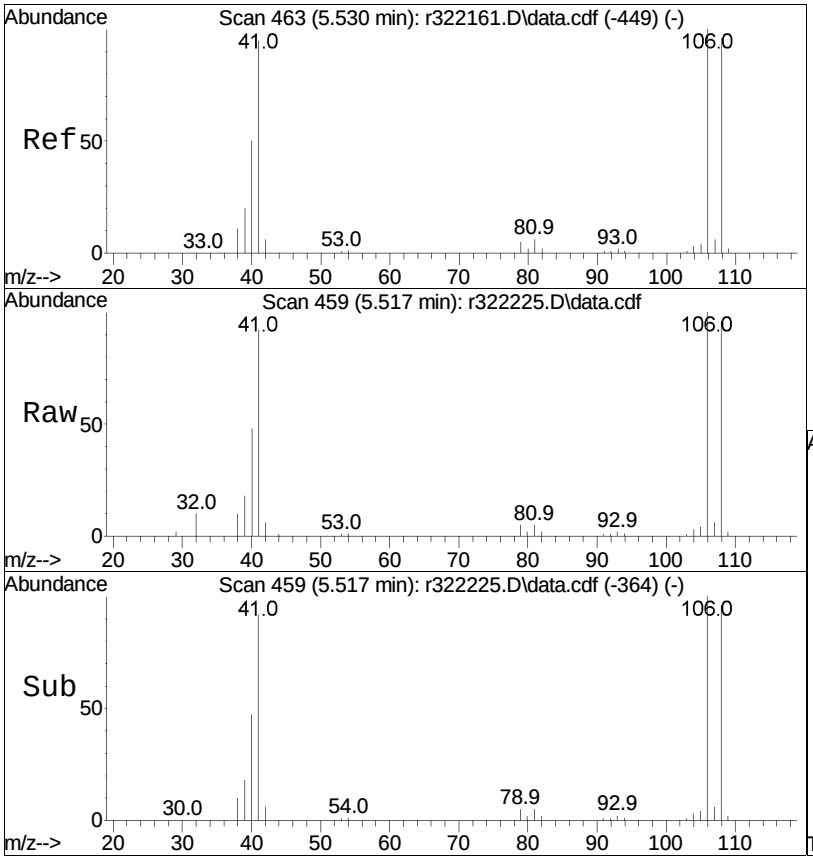


#15
ethanol
Concen: 58.86 ppbV
RT: 5.263 min Scan# 383
Delta R.T. -0.010 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion: 31 Resp: 995008

Ion	Ratio	Lower	Upper
31	100		
45	47.7	37.6	56.4

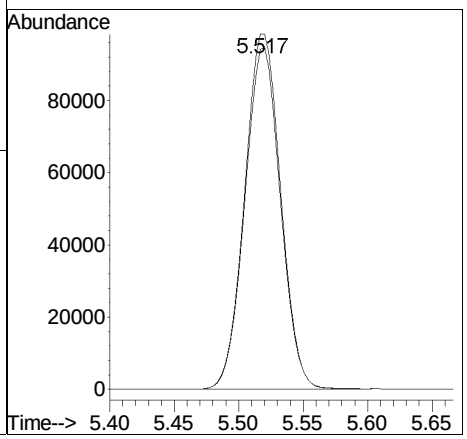


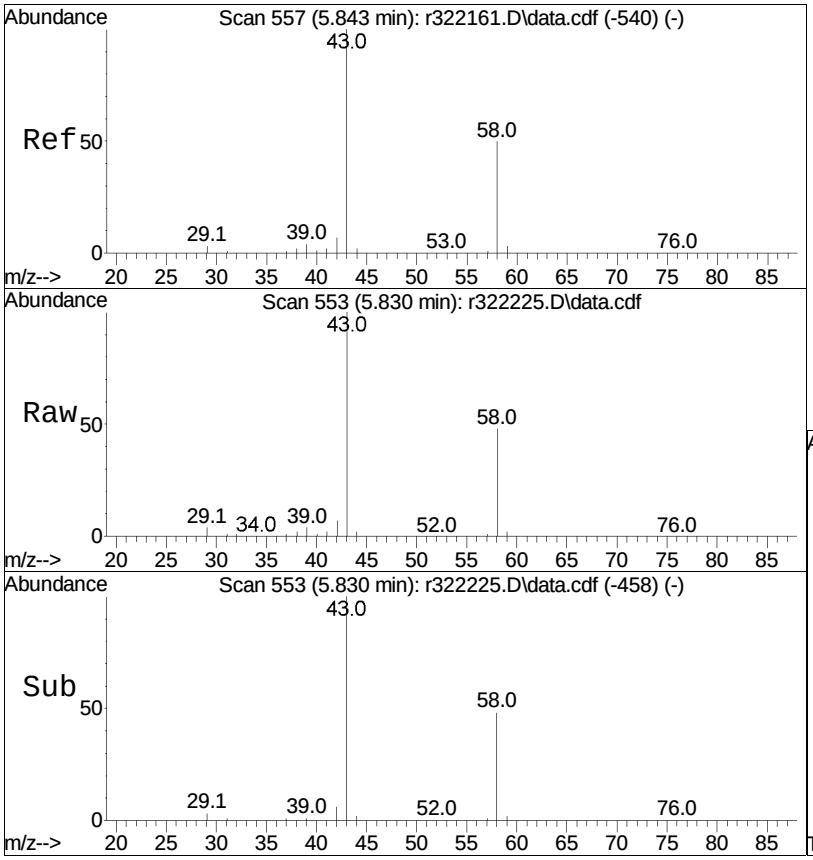


#17
vinyl bromide
Concen: 11.68 ppbV
RT: 5.517 min Scan# 459
Delta R.T. -0.013 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion:106 Resp: 191879

Ion	Ratio	Lower	Upper
106	100		
108	95.7	76.9	115.3

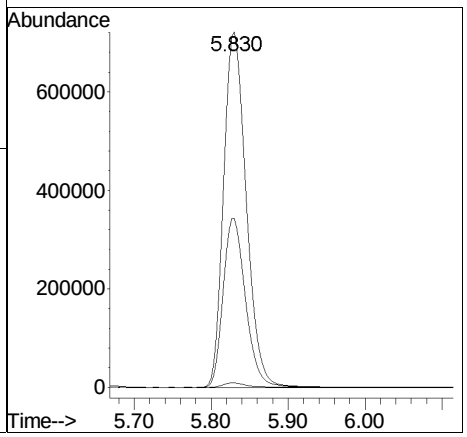


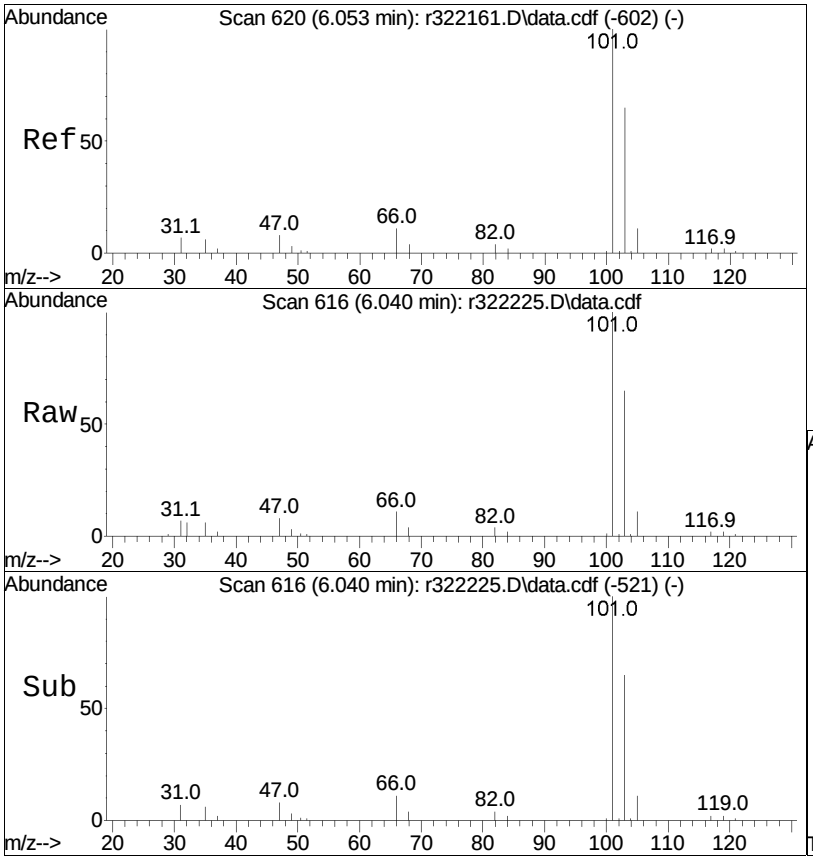


#19
acetone
Concen: 61.34 ppbV
RT: 5.830 min Scan# 553
Delta R.T. -0.013 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion: 43 Resp: 1478577

Ion	Ratio	Lower	Upper
43	100		
58	47.5	39.8	59.8
57	1.3	1.0	1.6

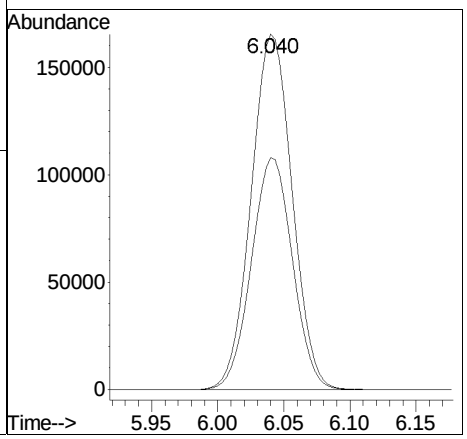


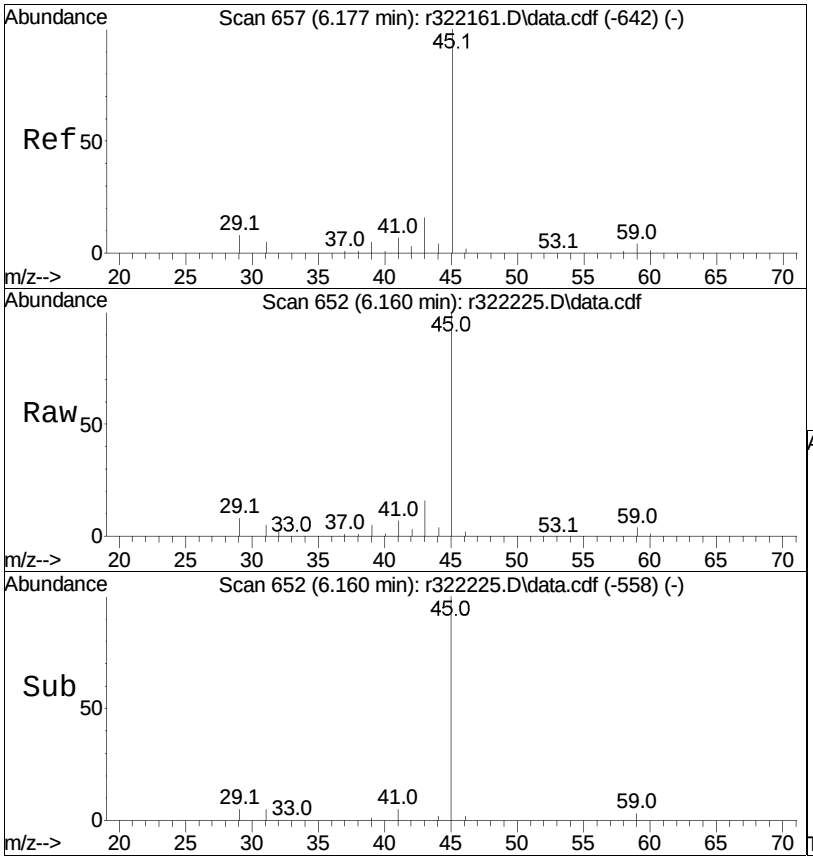


#21
trichlorofluoromethane
Concen: 11.33 ppbV
RT: 6.040 min Scan# 616
Delta R.T. -0.013 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion:101 Resp: 356694

Ion	Ratio	Lower	Upper
101	100		
103	65.3	51.8	77.6

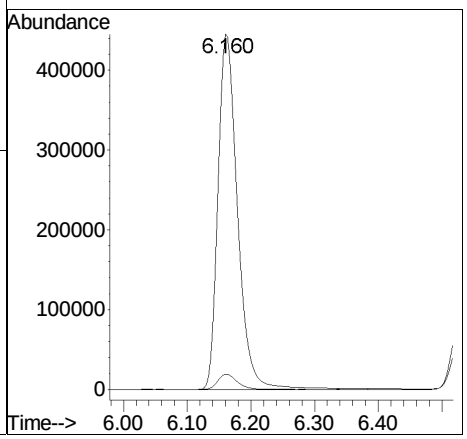


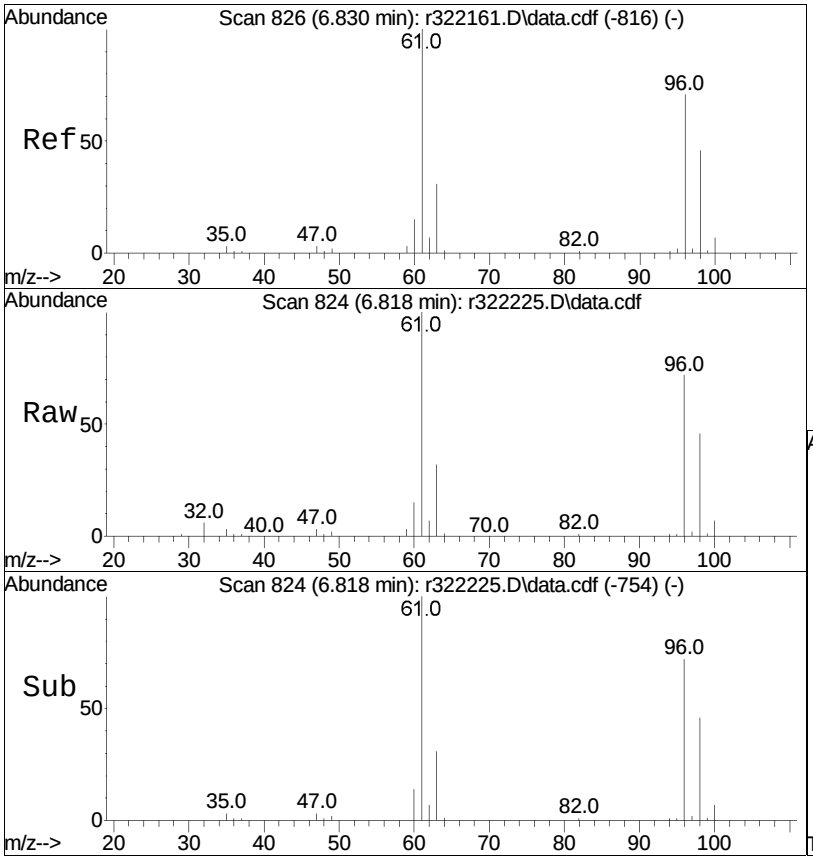


#22
isopropyl alcohol
Concen: 32.87 ppbV
RT: 6.160 min Scan# 652
Delta R.T. -0.017 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion: 45 Resp: 953568

Ion	Ratio	Lower	Upper
45	100		
59	4.3	3.5	5.3

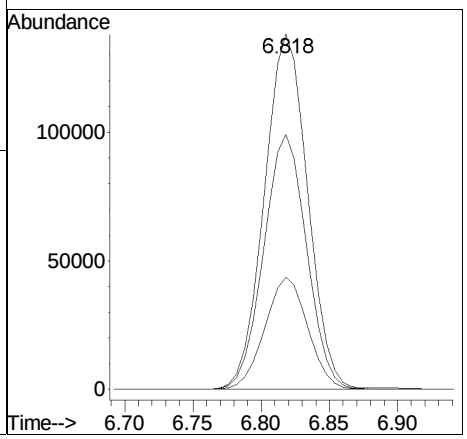


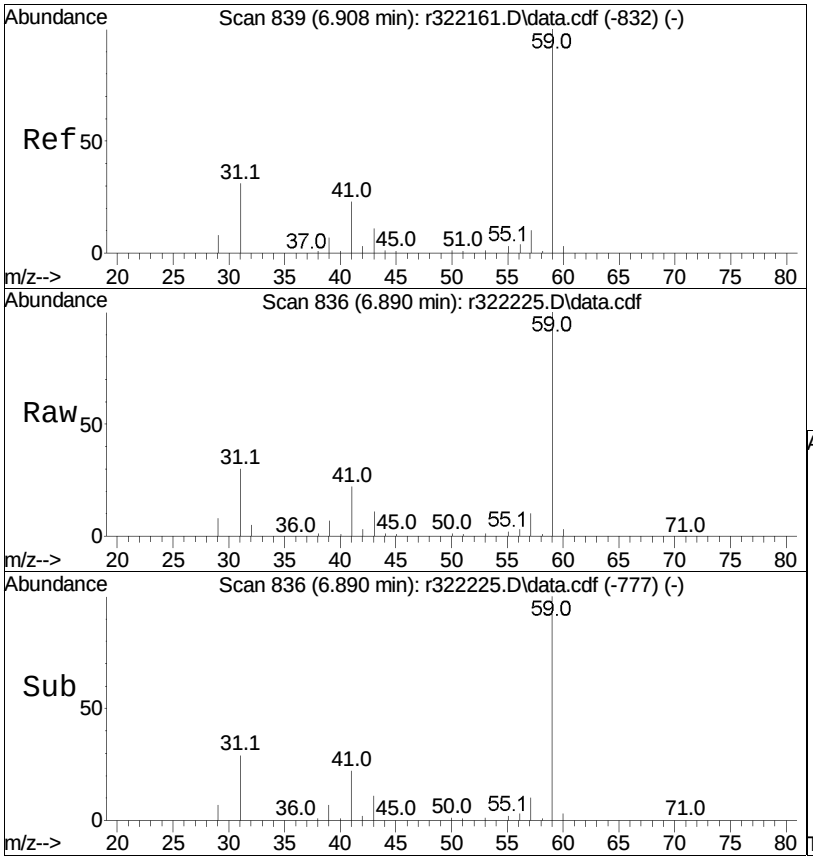


#26
1,1-dichloroethene
Concen: 10.92 ppbV
RT: 6.818 min Scan# 824
Delta R.T. -0.012 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion: 61 Resp: 304748

Ion	Ratio	Lower	Upper
61	100		
96	71.8	56.9	85.3
63	31.6	25.0	37.4

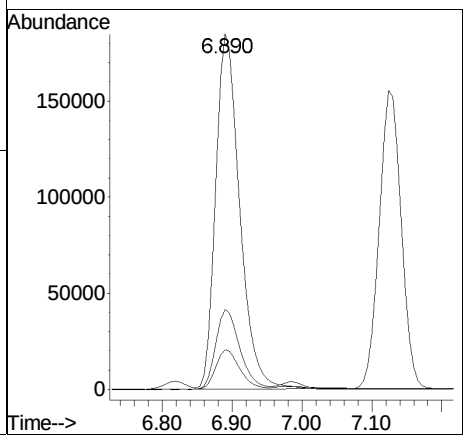


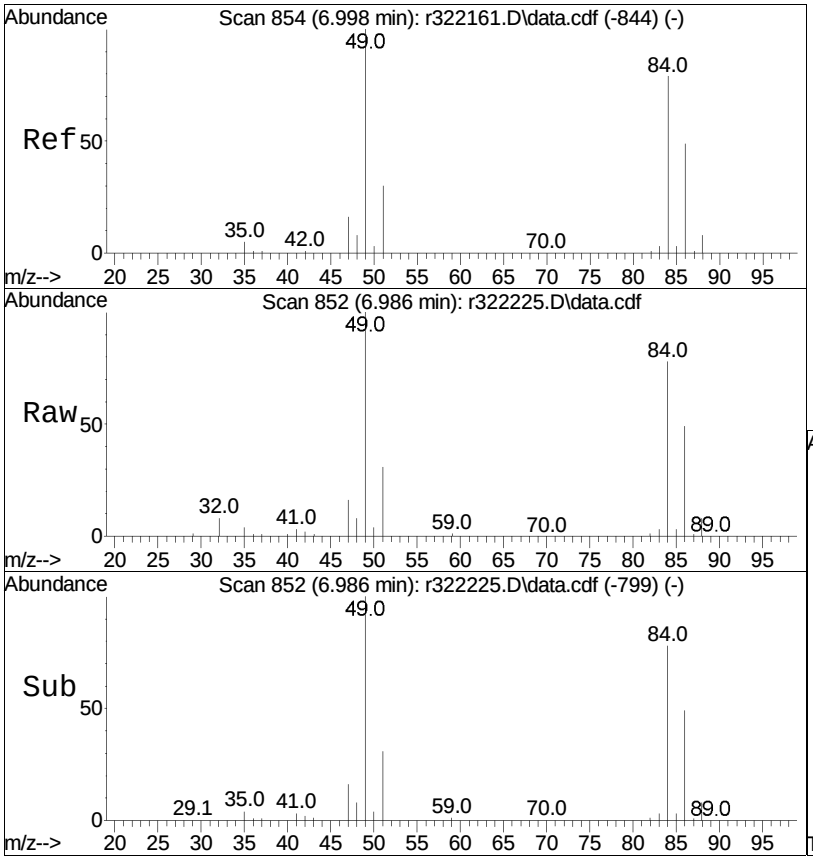


#27
tertiary butyl alcohol
Concen: 12.28 ppbV
RT: 6.890 min Scan# 836
Delta R.T. -0.018 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion: 59 Resp: 443136

Ion	Ratio	Lower	Upper
59	100		
41	22.5	18.2	27.2
43	11.2	8.9	13.3

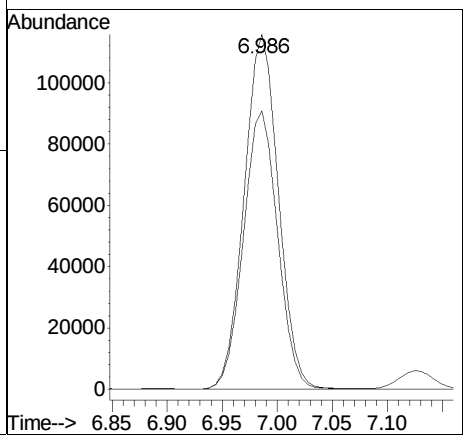


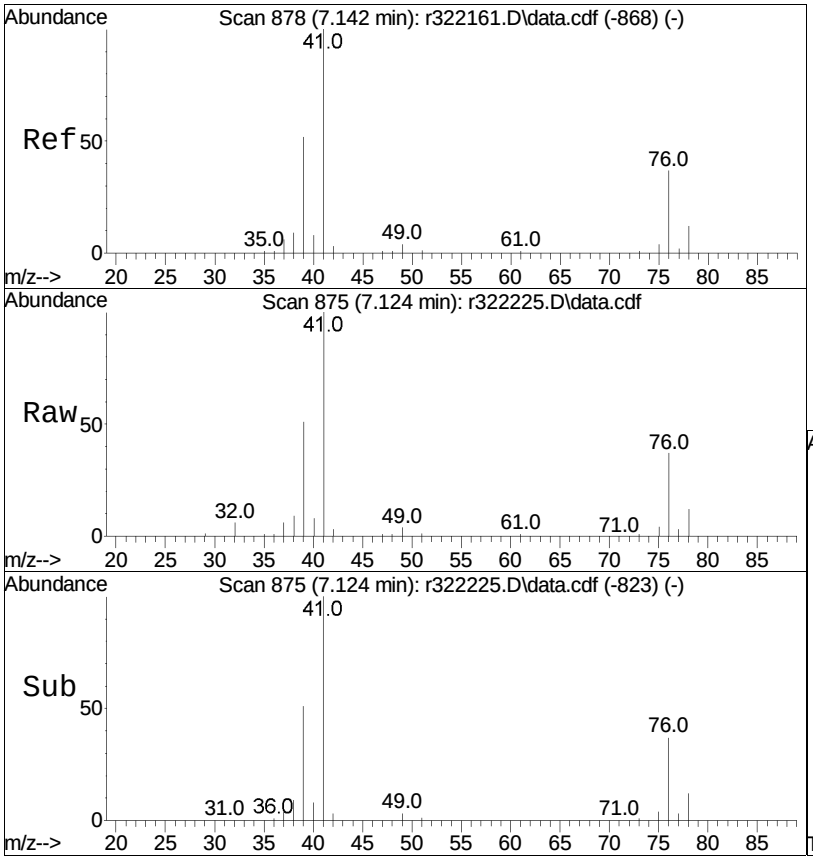


#28
methylene chloride
Concen: 9.16 ppbV
RT: 6.986 min Scan# 852
Delta R.T. -0.012 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion: 49 Resp: 251394

Ion	Ratio	Lower	Upper
49	100		
84	78.5	63.0	94.6

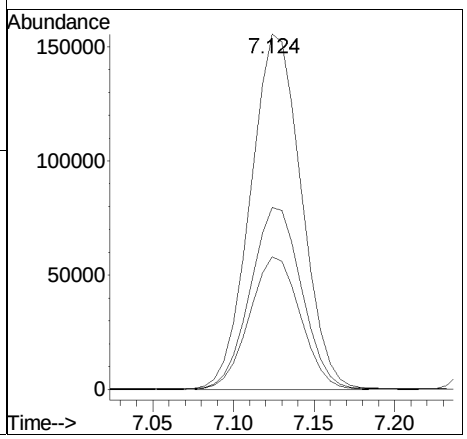


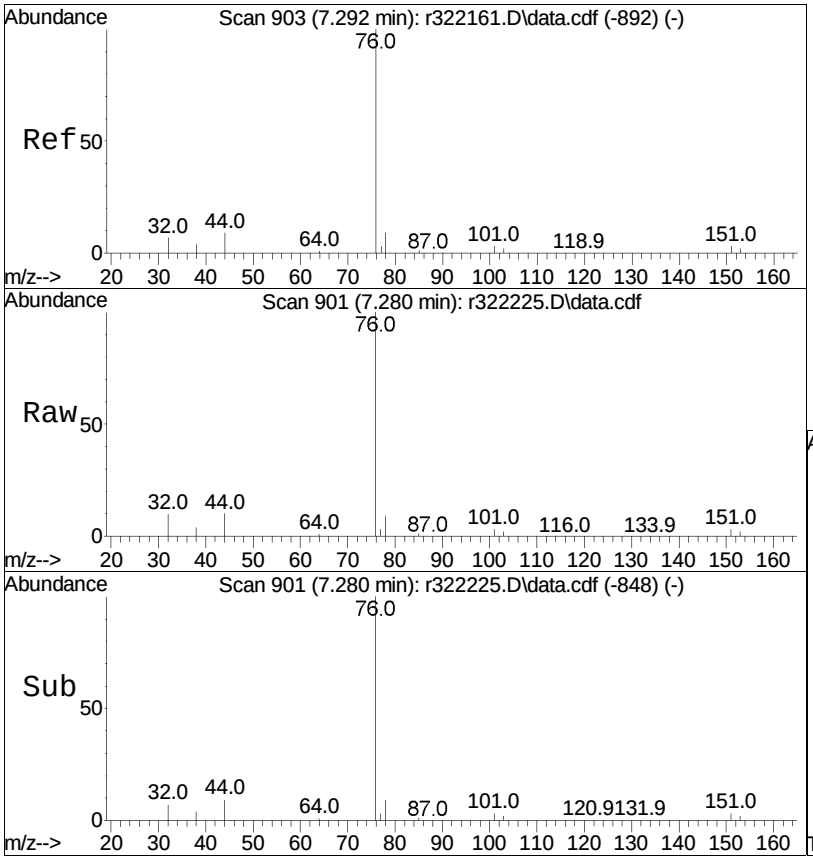


#29
3-chloropropene
Concen: 13.03 ppbV m
RT: 7.124 min Scan# 875
Delta R.T. -0.018 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion: 41 Resp: 342365

Ion	Ratio	Lower	Upper
41	100		
39	51.2	41.4	62.0
76	37.3	29.4	44.2

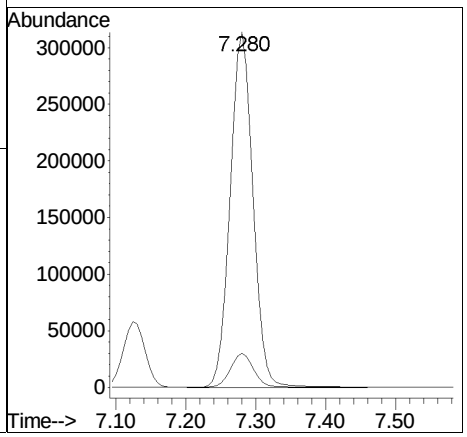


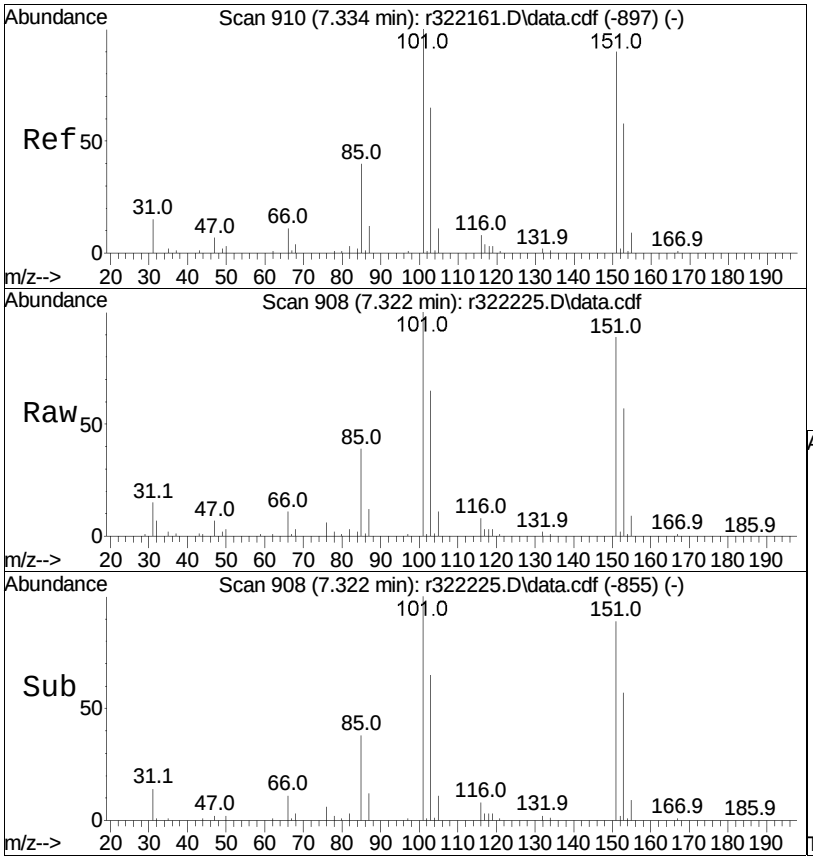


#30
carbon disulfide
Concen: 11.30 ppbV
RT: 7.280 min Scan# 901
Delta R.T. -0.012 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion: 76 Resp: 711031

Ion	Ratio	Lower	Upper
76	100		
44	9.6	7.6	11.4

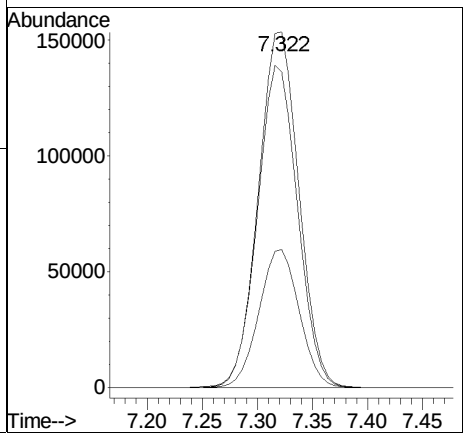


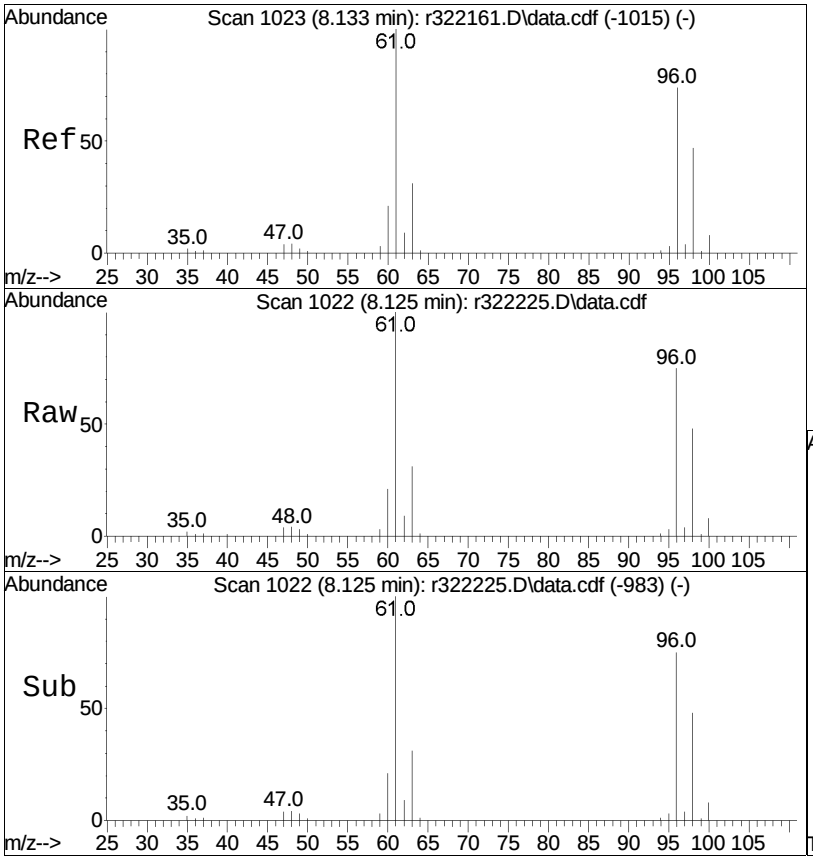


#31
Freon 113
Concen: 11.14 ppbV
RT: 7.322 min Scan# 908
Delta R.T. -0.012 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion:101 Resp: 391992

Ion	Ratio	Lower	Upper
101	100		
85	38.8	31.8	47.8
151	88.7	72.2	108.4

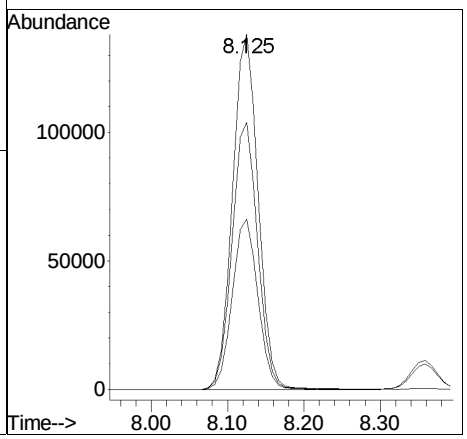


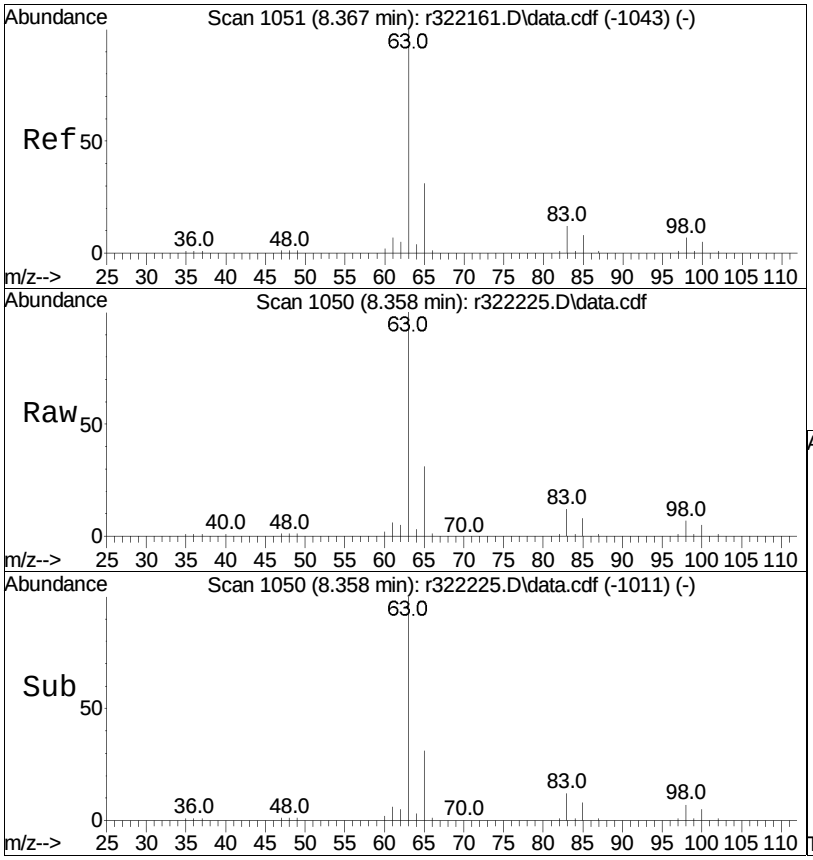


#32
trans-1,2-dichloroethene
Concen: 11.30 ppbV
RT: 8.125 min Scan# 1022
Delta R.T. -0.008 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion: 61 Resp: 322303

Ion	Ratio	Lower	Upper
61	100		
96	75.2	59.4	89.2
98	47.9	37.7	56.5

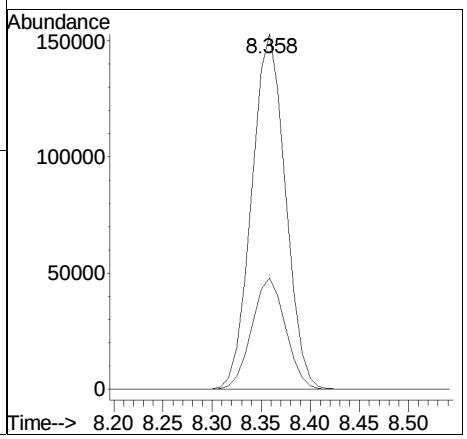


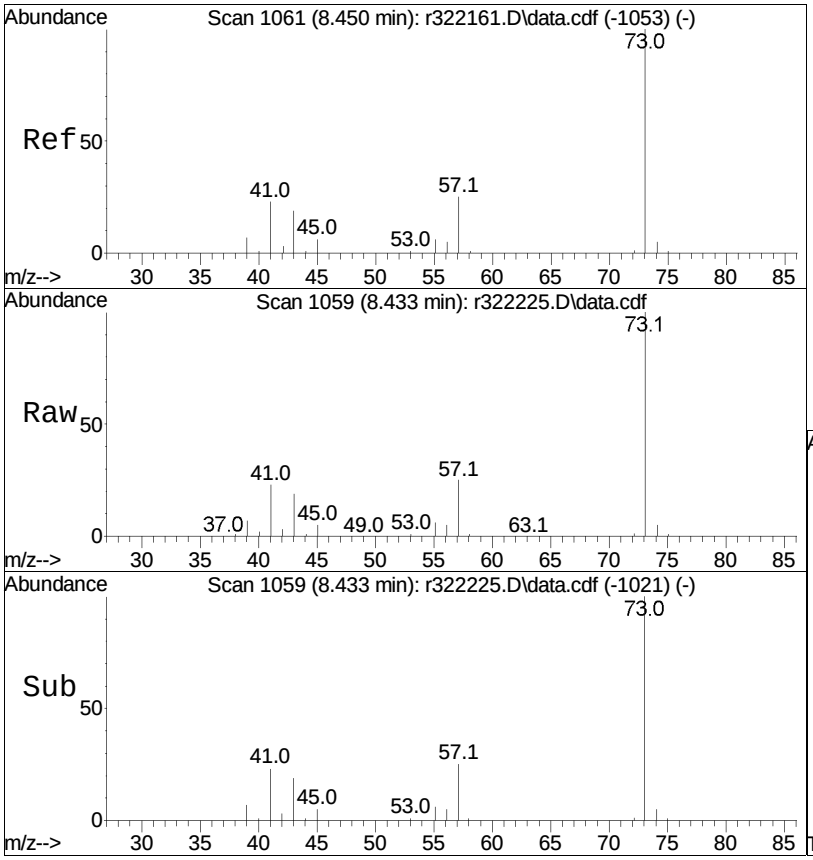


#33
1,1-dichloroethane
Concen: 10.69 ppbV
RT: 8.358 min Scan# 1050
Delta R.T. -0.008 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion: 63 Resp: 365512

Ion	Ratio	Lower	Upper
63	100		
65	31.4	24.9	37.3

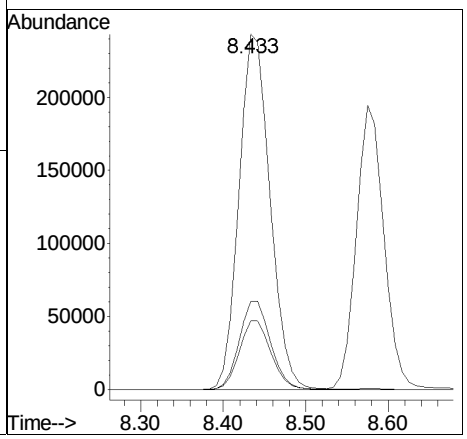


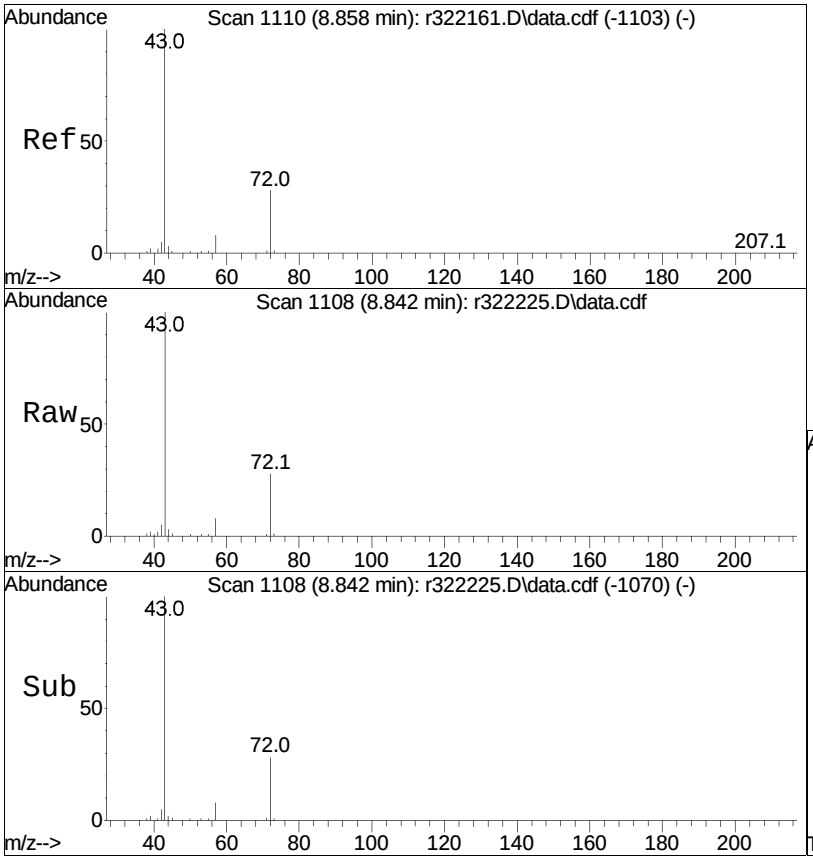


#34
MTBE
Concen: 12.42 ppbV
RT: 8.433 min Scan# 1059
Delta R.T. -0.017 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion: 73 Resp: 635425

Ion	Ratio	Lower	Upper
73	100		
57	24.8	20.2	30.2
43	19.3	15.5	23.3

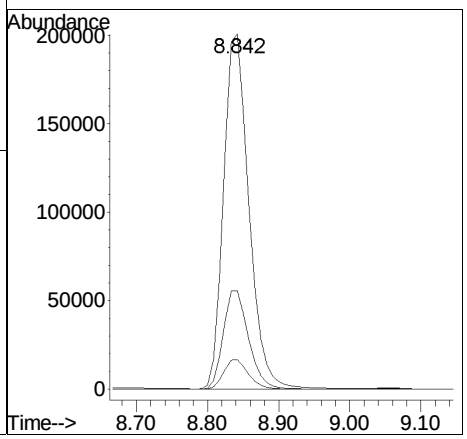


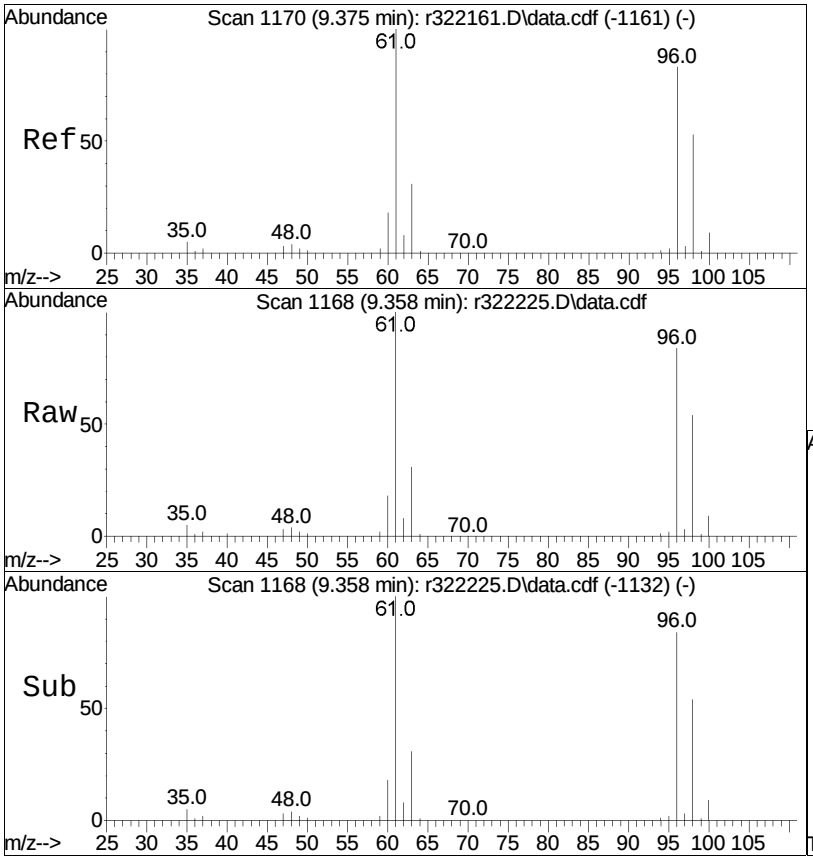


#36
2-butanone
Concen: 11.31 ppbV
RT: 8.842 min Scan# 1108
Delta R.T. -0.017 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion: 43 Resp: 495671

Ion	Ratio	Lower	Upper
43	100		
72	27.8	22.6	33.8
57	8.4	6.6	10.0

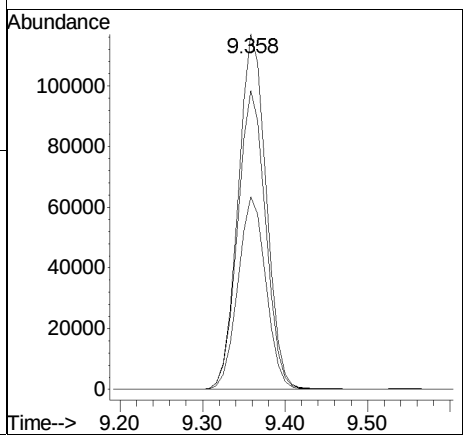


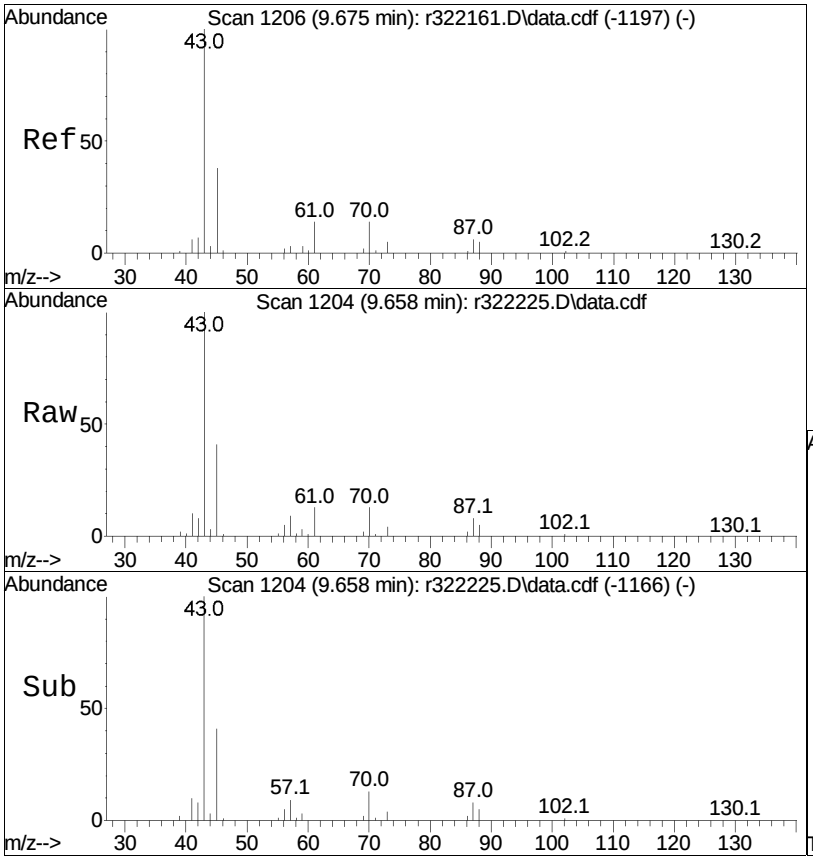


#37
cis-1,2-dichloroethene
Concen: 10.86 ppbV
RT: 9.358 min Scan# 1168
Delta R.T. -0.017 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion: 61 Resp: 276553

Ion	Ratio	Lower	Upper
61	100		
96	84.2	66.4	99.6
98	54.2	42.5	63.7

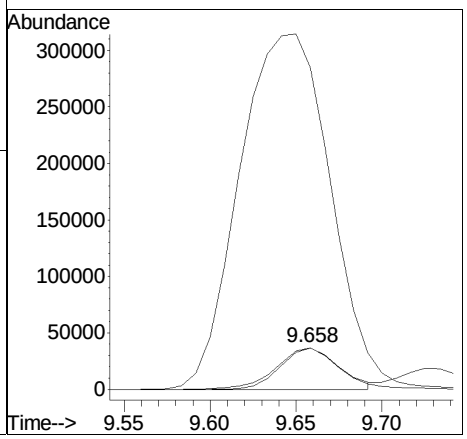


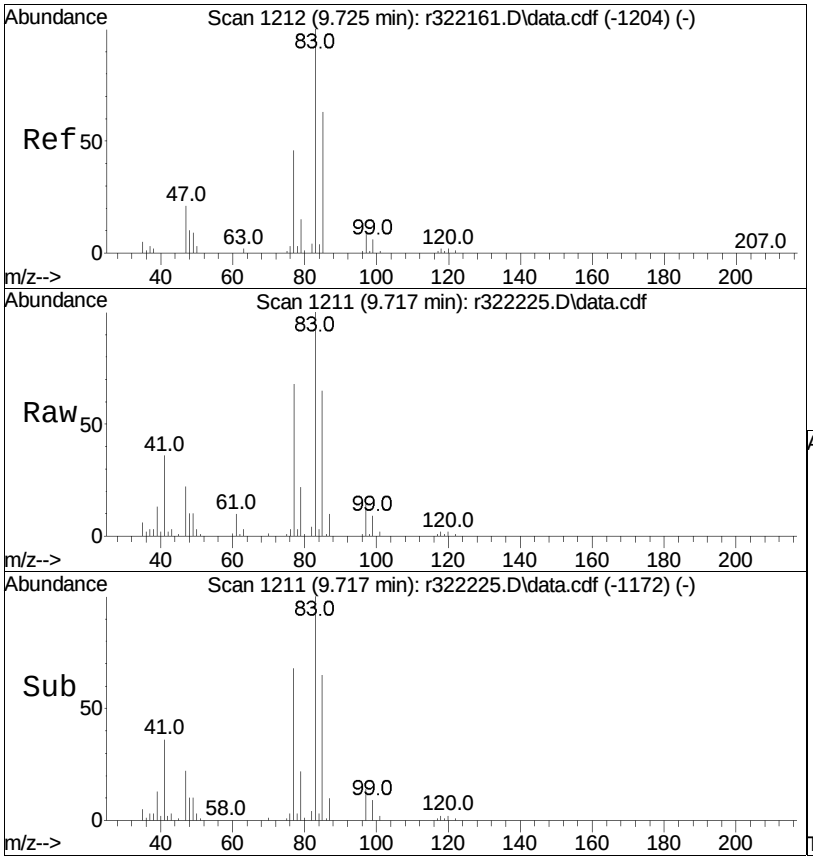


#38
Ethyl Acetate
Concen: 12.05 ppbV
RT: 9.658 min Scan# 1204
Delta R.T. -0.017 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion: 61 Resp: 86052

Ion	Ratio	Lower	Upper
61	100		
70	100.4	78.8	118.2
43	776.4	593.4	890.0

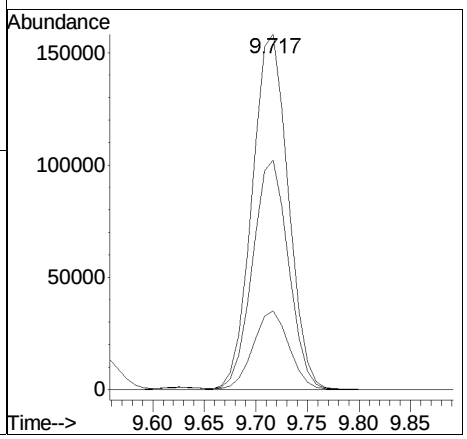


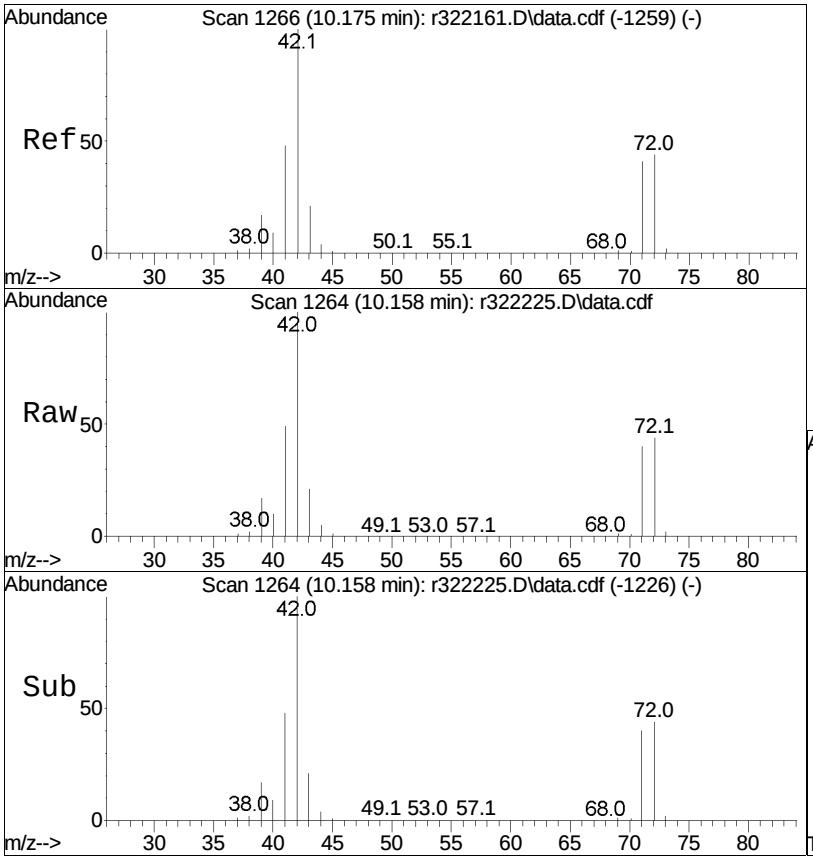


#39
chloroform
Concen: 11.18 ppbV
RT: 9.717 min Scan# 1211
Delta R.T. -0.008 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion: 83 Resp: 385011

Ion	Ratio	Lower	Upper
83	100		
85	64.6	50.4	75.6
47	22.1	16.9	25.3

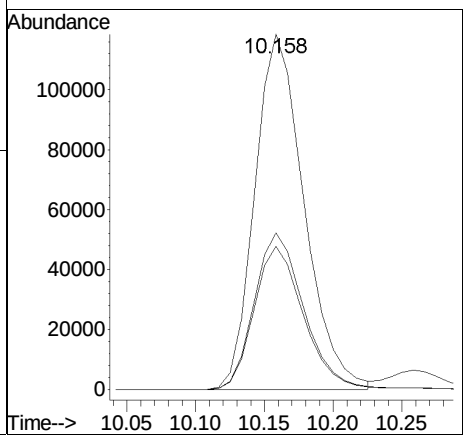


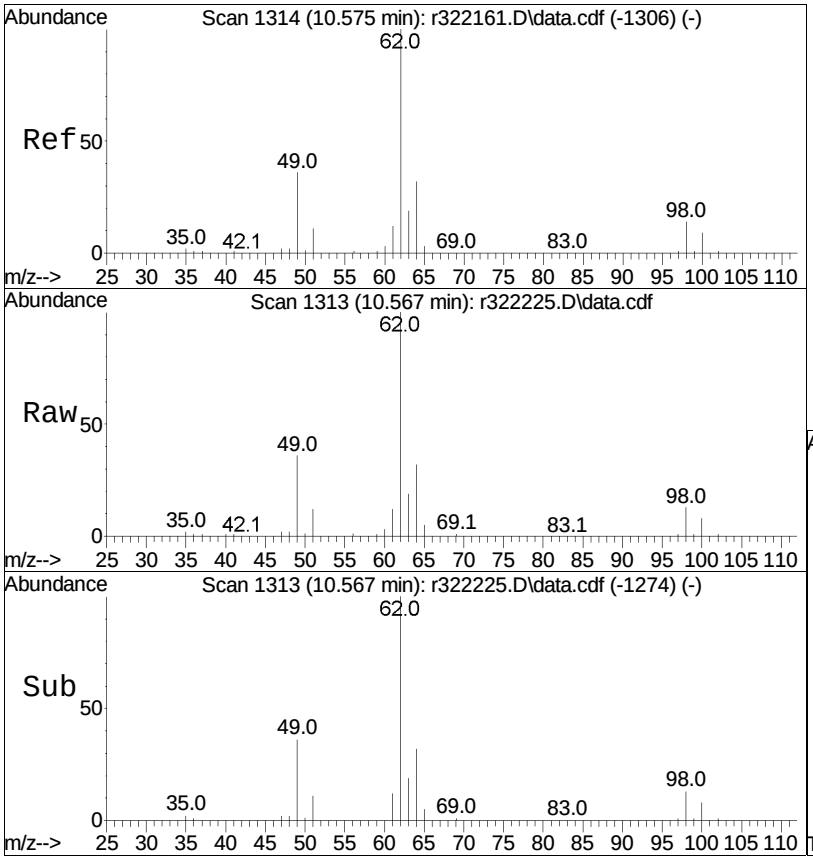


#40
Tetrahydrofuran
Concen: 11.66 ppbV
RT: 10.158 min Scan# 1264
Delta R.T. -0.017 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion: 42 Resp: 294942

Ion	Ratio	Lower	Upper
42	100		
71	40.2	32.4	48.6
72	44.0	35.2	52.8

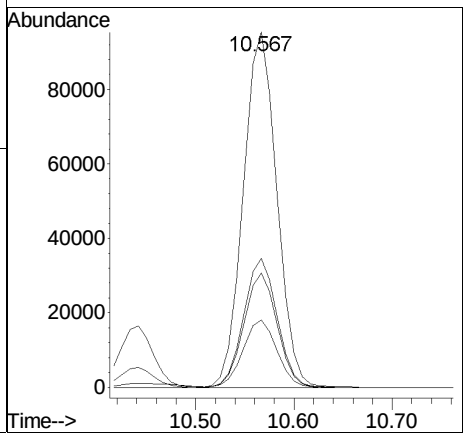


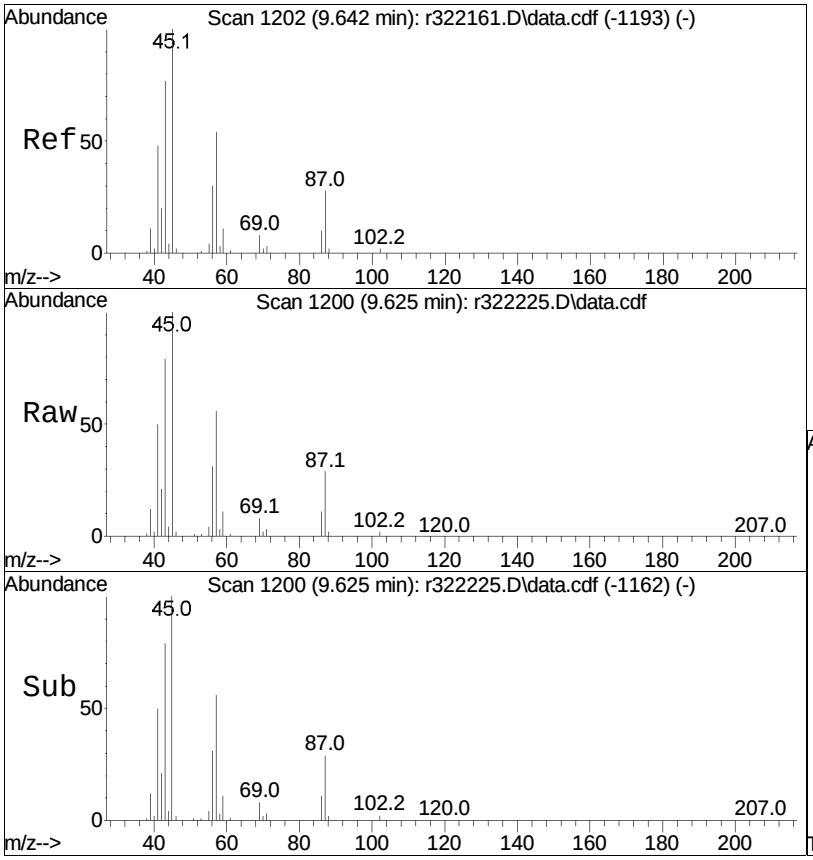


#42
1,2-dichloroethane
Concen: 10.52 ppbV
RT: 10.567 min Scan# 1313
Delta R.T. -0.008 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion: 62 Resp: 226166

Ion	Ratio	Lower	Upper
62	100		
64	32.2	25.6	38.4
49	36.3	28.6	42.8
63	19.0	15.4	23.2

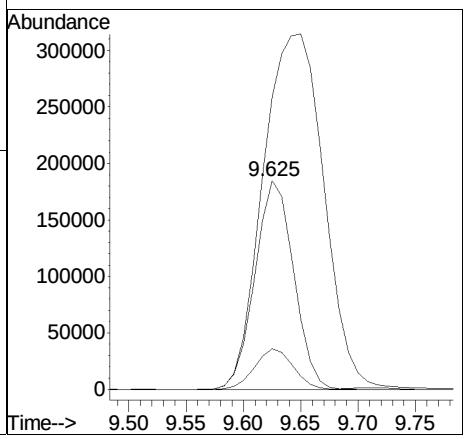


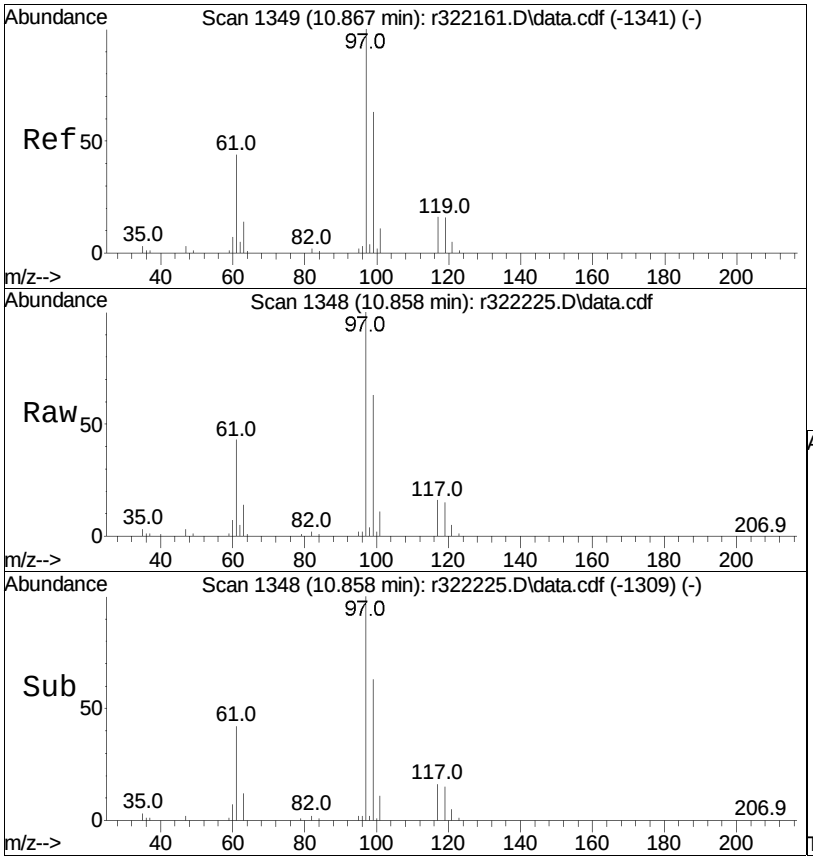


#44
hexane
Concen: 11.44 ppbV
RT: 9.625 min Scan# 1200
Delta R.T. -0.017 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion: 57 Resp: 435200

Ion	Ratio	Lower	Upper
57	100		
43	140.3	115.0	172.6
86	19.5	15.5	23.3

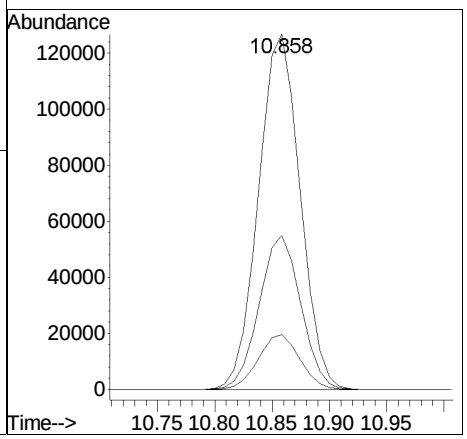


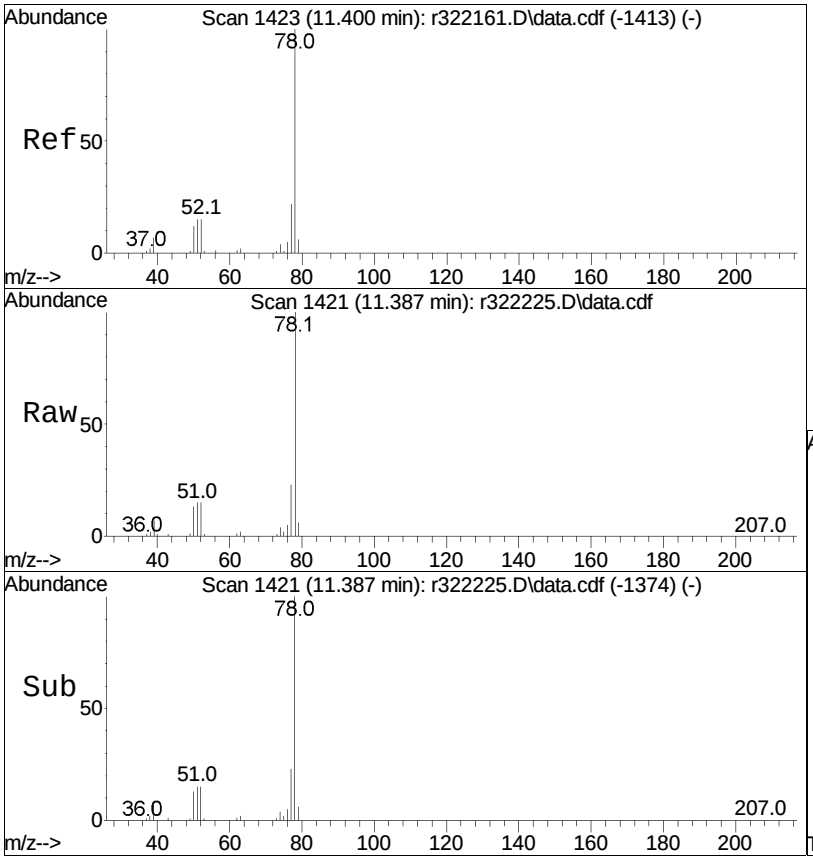


#48
1,1,1-trichloroethane
Concen: 11.12 ppbV
RT: 10.858 min Scan# 1348
Delta R.T. -0.008 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion: 97 Resp: 320093

Ion	Ratio	Lower	Upper
97	100		
61	43.3	35.1	52.7
119	15.4	12.5	18.7

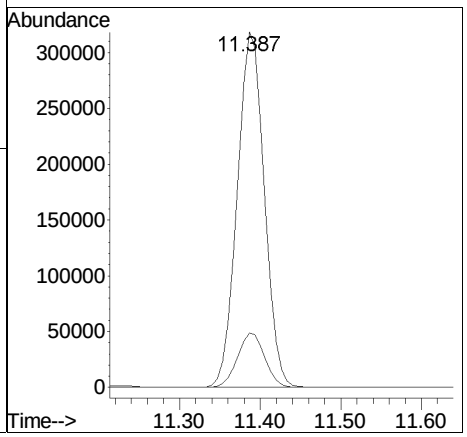


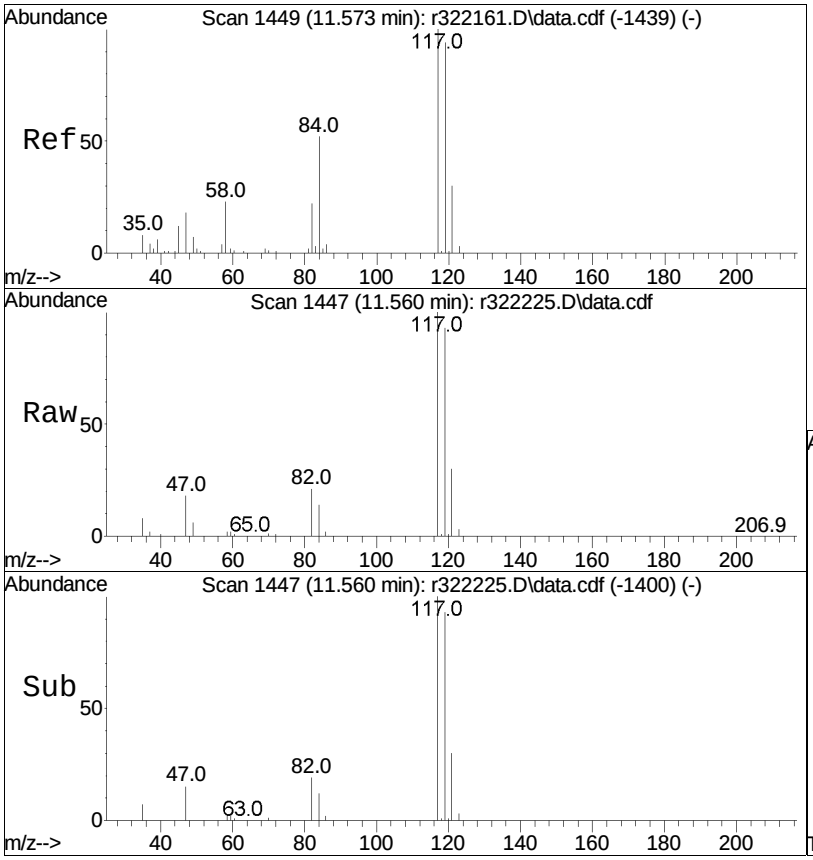


#50
benzene
Concen: 9.52 ppbV
RT: 11.387 min Scan# 1421
Delta R.T. -0.013 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion: 78 Resp: 743208

Ion	Ratio	Lower	Upper
78	100		
52	15.3	12.2	18.2

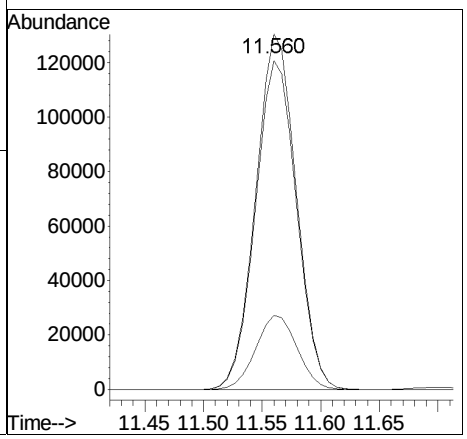


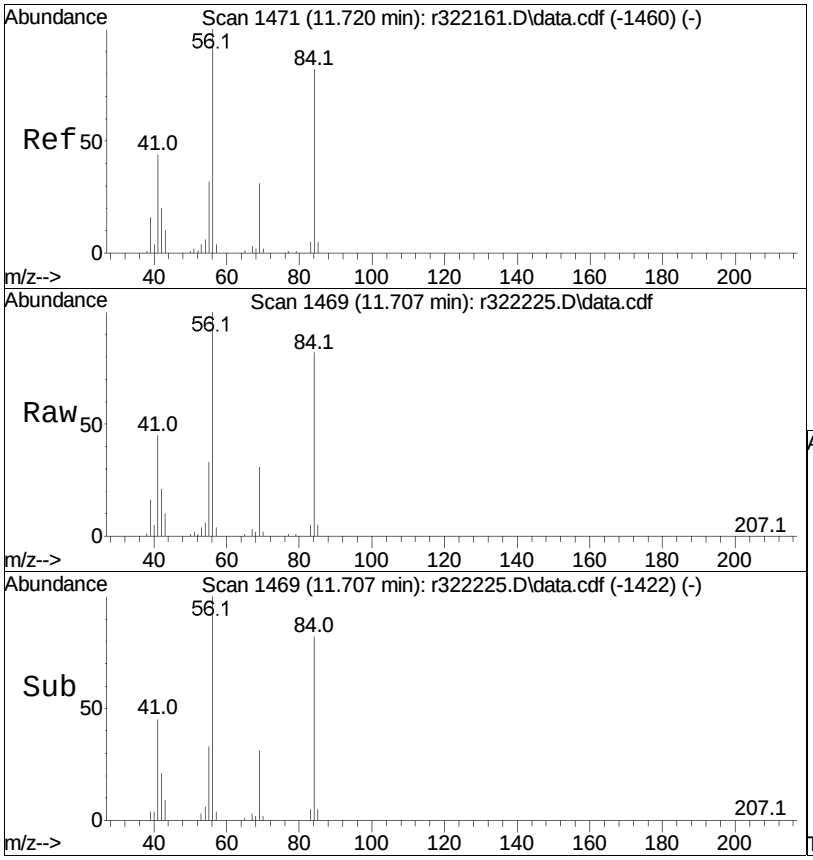


#52
carbon tetrachloride
Concen: 11.74 ppbV
RT: 11.560 min Scan# 1447
Delta R.T. -0.013 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion:117 Resp: 313476

Ion	Ratio	Lower	Upper
117	100		
119	92.5	75.6	113.4
82	20.8	17.8	26.6

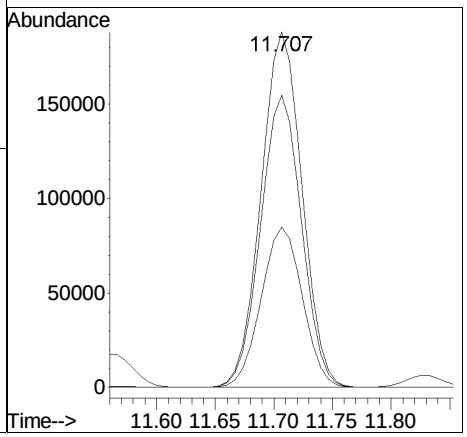


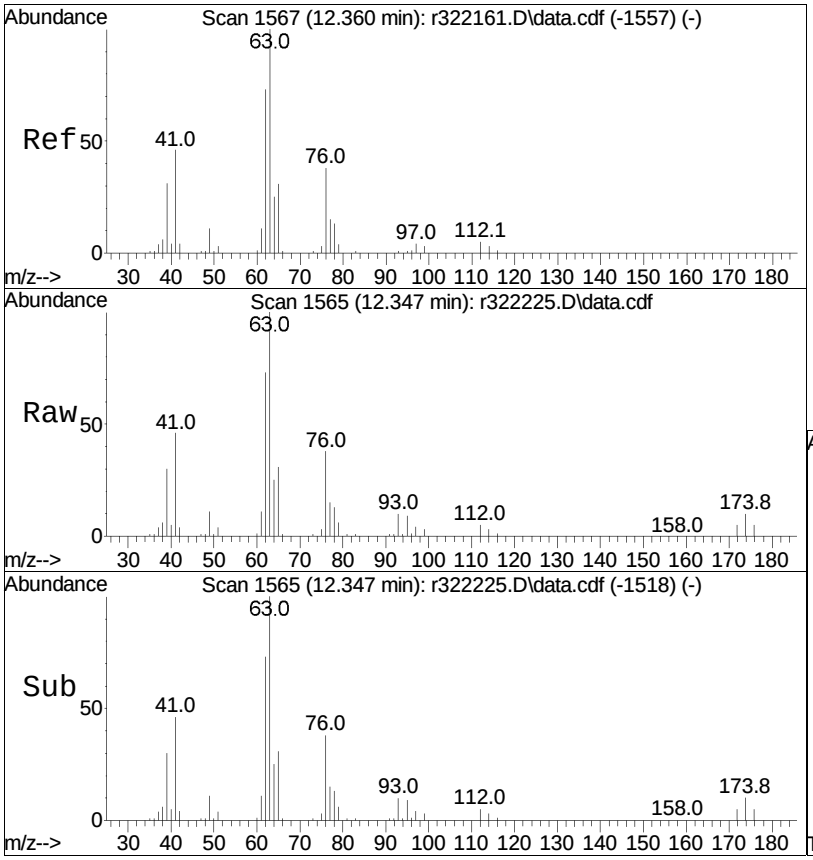


#53
cyclohexane
Concen: 11.59 ppbV
RT: 11.707 min Scan# 1469
Delta R.T. -0.013 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion: 56 Resp: 458348

Ion	Ratio	Lower	Upper
56	100		
84	82.2	65.4	98.0
41	45.1	35.4	53.2

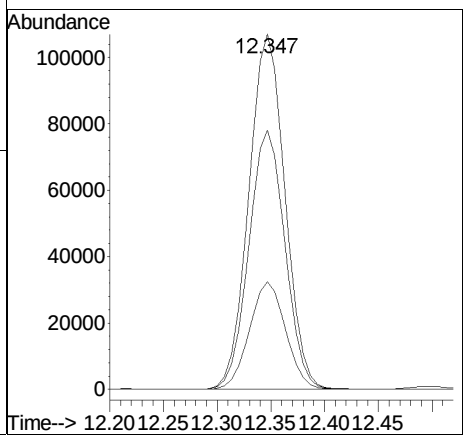


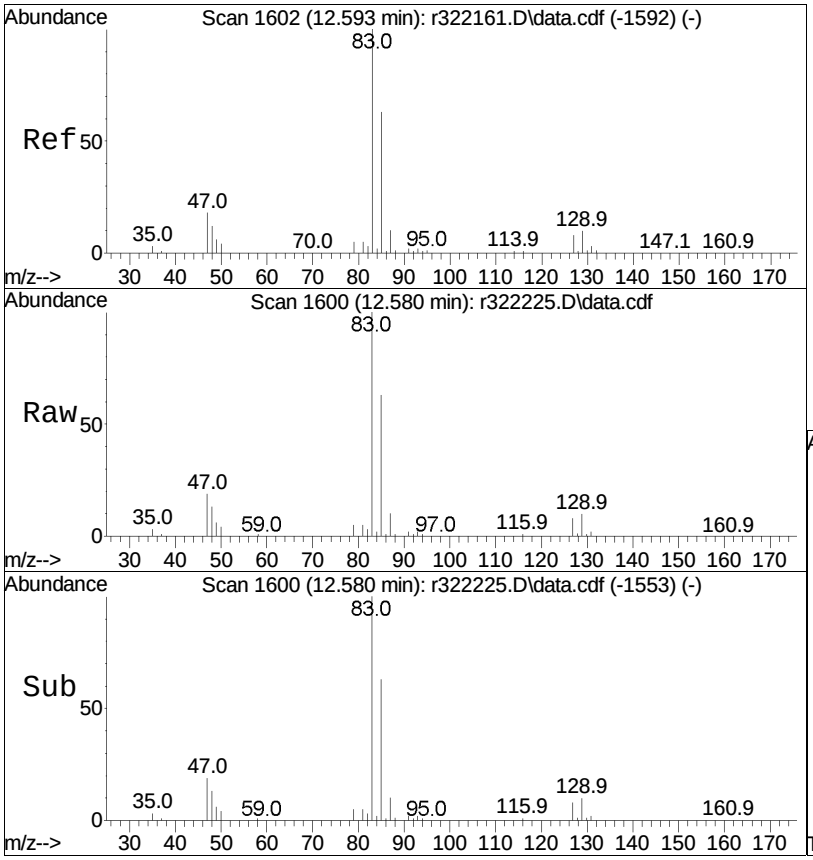


#56
1,2-dichloropropane
Concen: 10.63 ppbV
RT: 12.347 min Scan# 1565
Delta R.T. -0.013 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion: 63 Resp: 250251

Ion	Ratio	Lower	Upper
63	100		
62	73.0	58.7	88.1
39	30.3	24.4	36.6

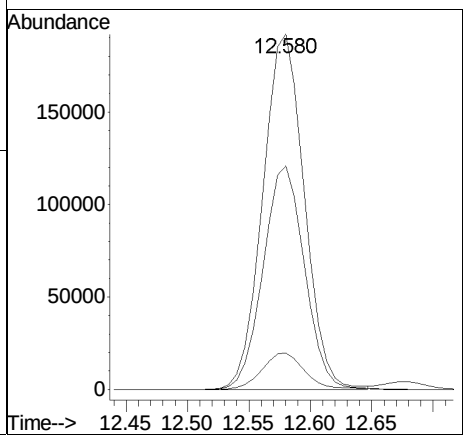


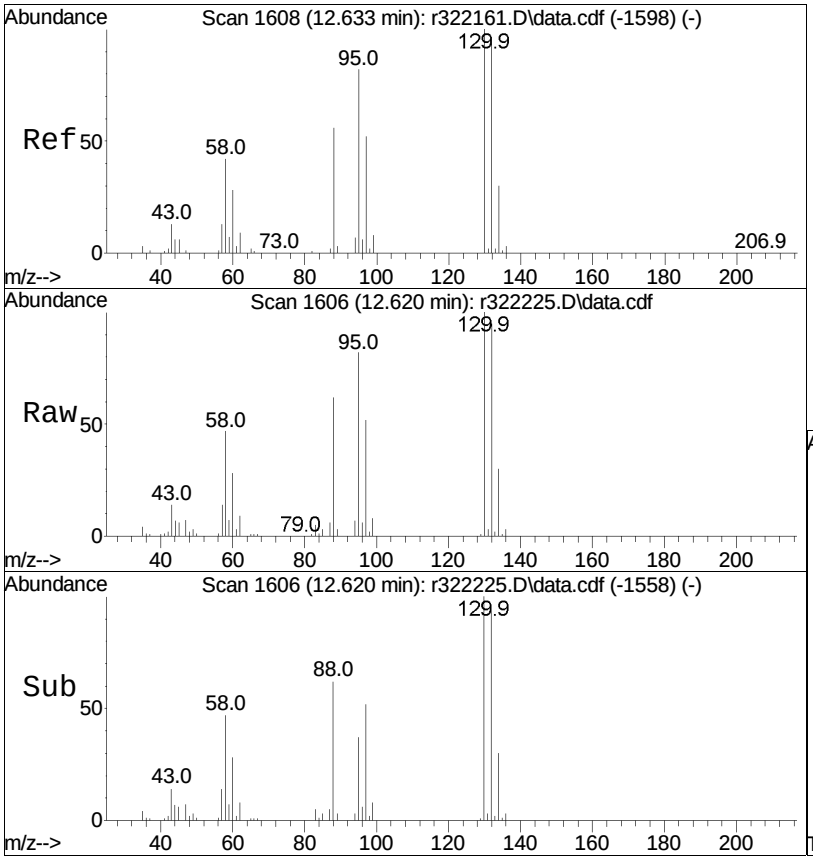


#57
bromodichloromethane
Concen: 12.20 ppbV
RT: 12.580 min Scan# 1600
Delta R.T. -0.013 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion: 83 Resp: 450826

Ion	Ratio	Lower	Upper
83	100		
85	62.9	50.3	75.5
129	10.3	8.1	12.1

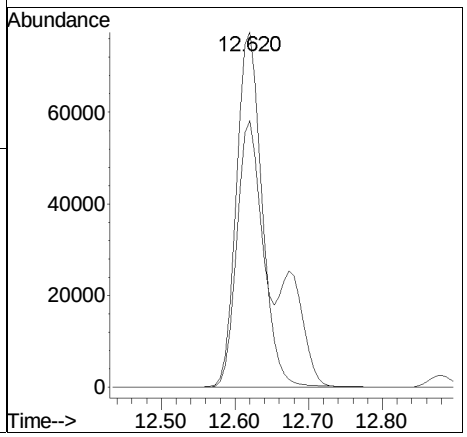


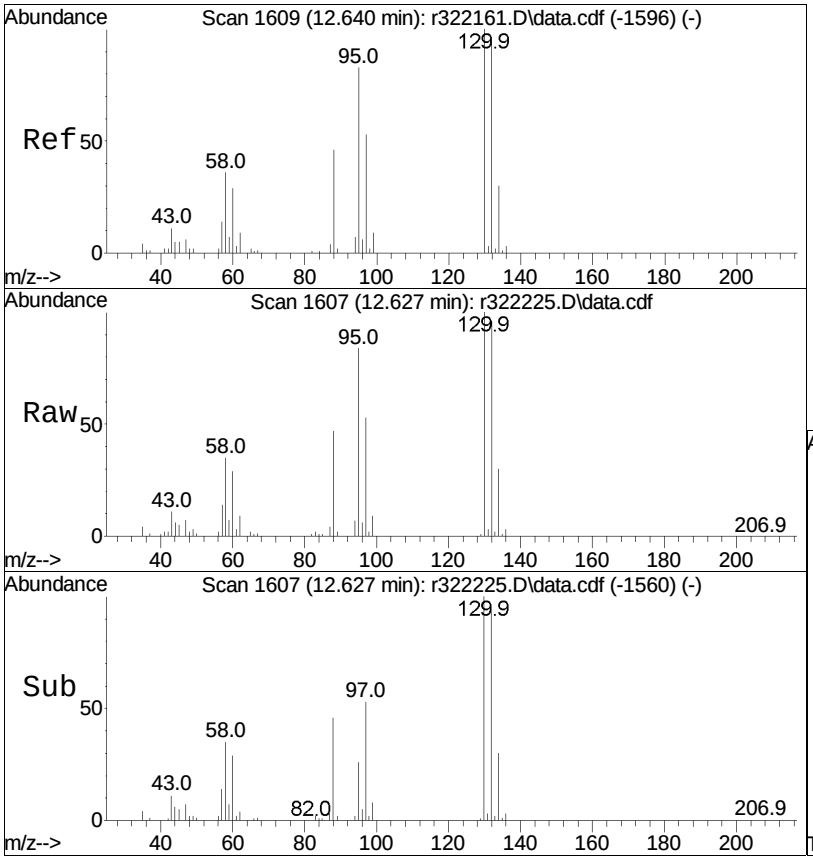


#58
1,4-dioxane
Concen: 11.79 ppbV
RT: 12.620 min Scan# 1606
Delta R.T. -0.013 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion: 88 Resp: 188082

Ion	Ratio	Lower	Upper
88	100		
58	75.1	61.2	91.8

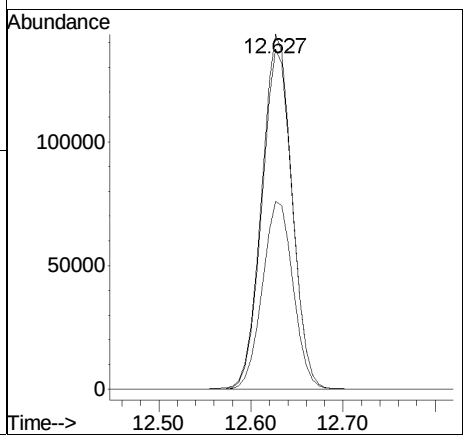


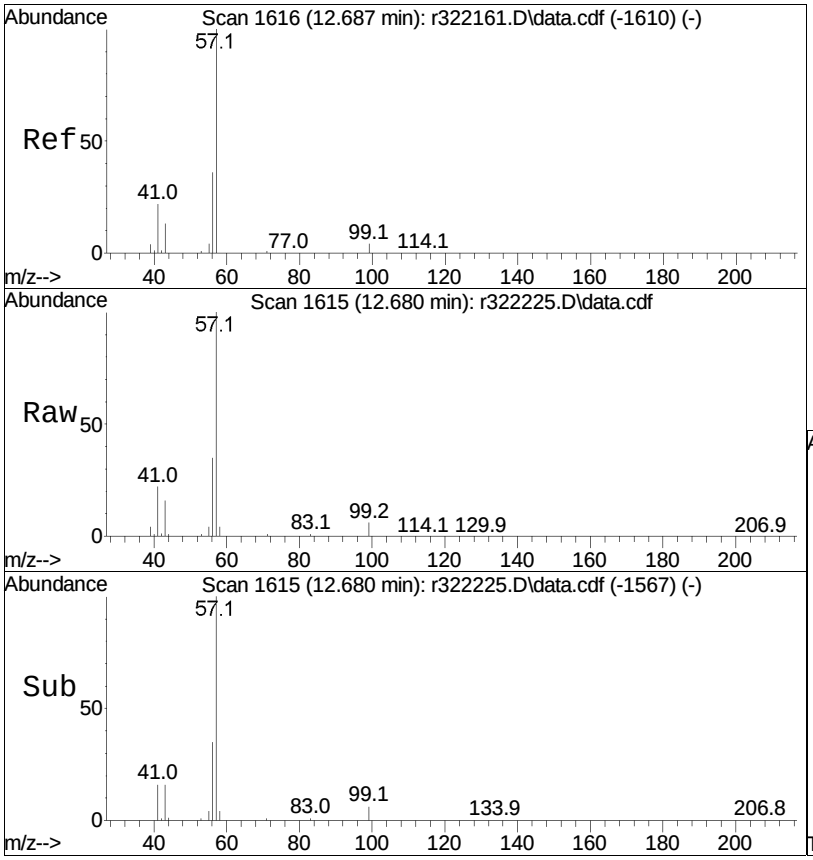


#59
trichloroethene
Concen: 10.94 ppbV
RT: 12.627 min Scan# 1607
Delta R.T. -0.013 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion:130 Resp: 329061

Ion	Ratio	Lower	Upper
130	100		
132	95.8	76.2	114.2
97	52.9	42.6	63.8

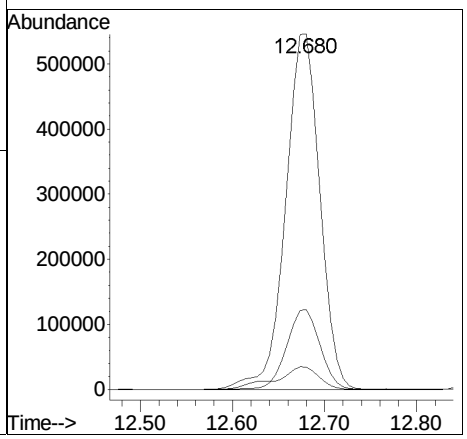


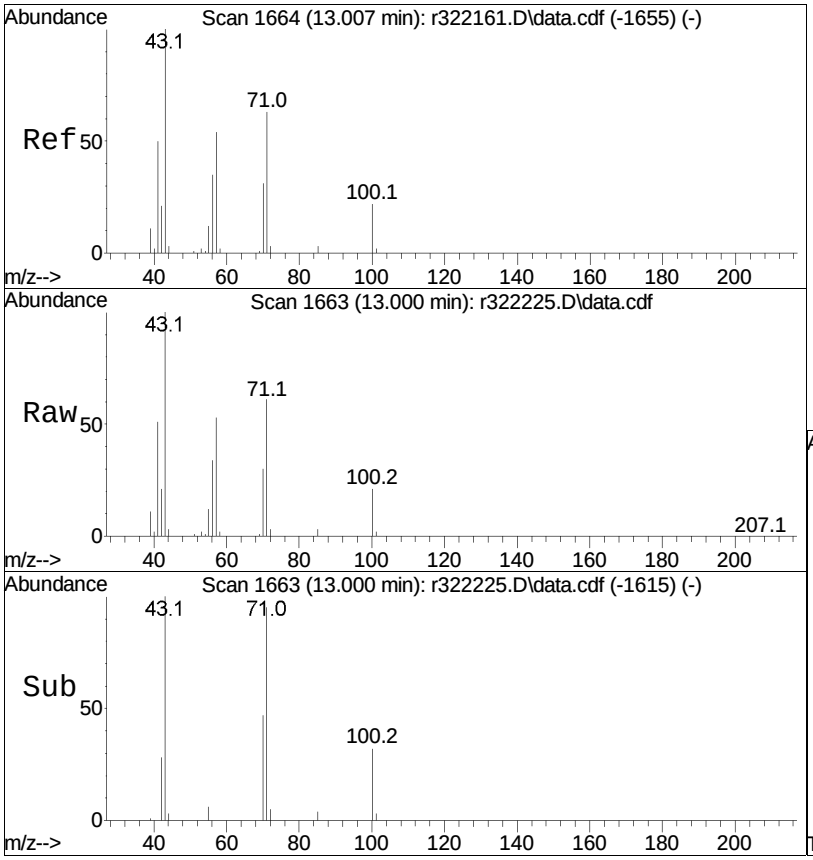


#60
2,2,4-trimethylpentane
Concen: 12.03 ppbV
RT: 12.680 min Scan# 1615
Delta R.T. -0.007 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion: 57 Resp: 1414077

Ion	Ratio	Lower	Upper
57	100		
99	6.3	5.0	7.4
41	22.4	17.4	26.2

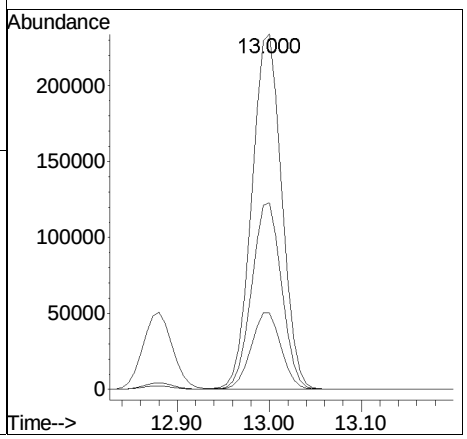


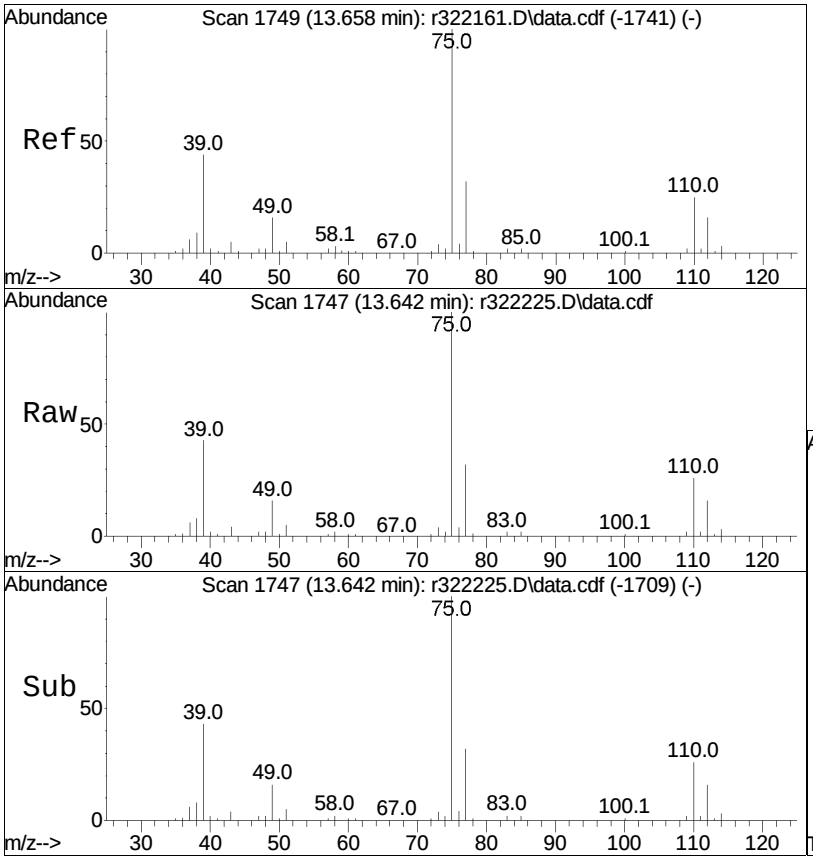


#62
heptane
Concen: 12.07 ppbV
RT: 13.000 min Scan# 1663
Delta R.T. -0.007 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion: 43 Resp: 529248

Ion	Ratio	Lower	Upper
43	100		
57	52.5	43.0	64.4
100	21.5	17.6	26.4

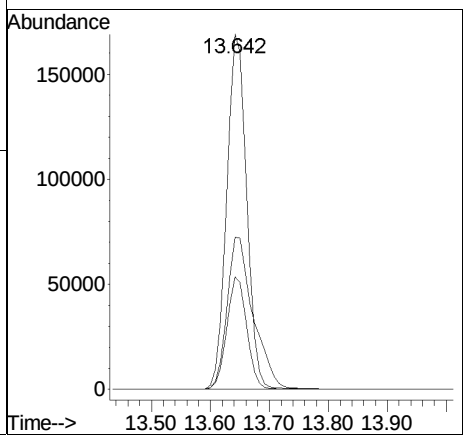


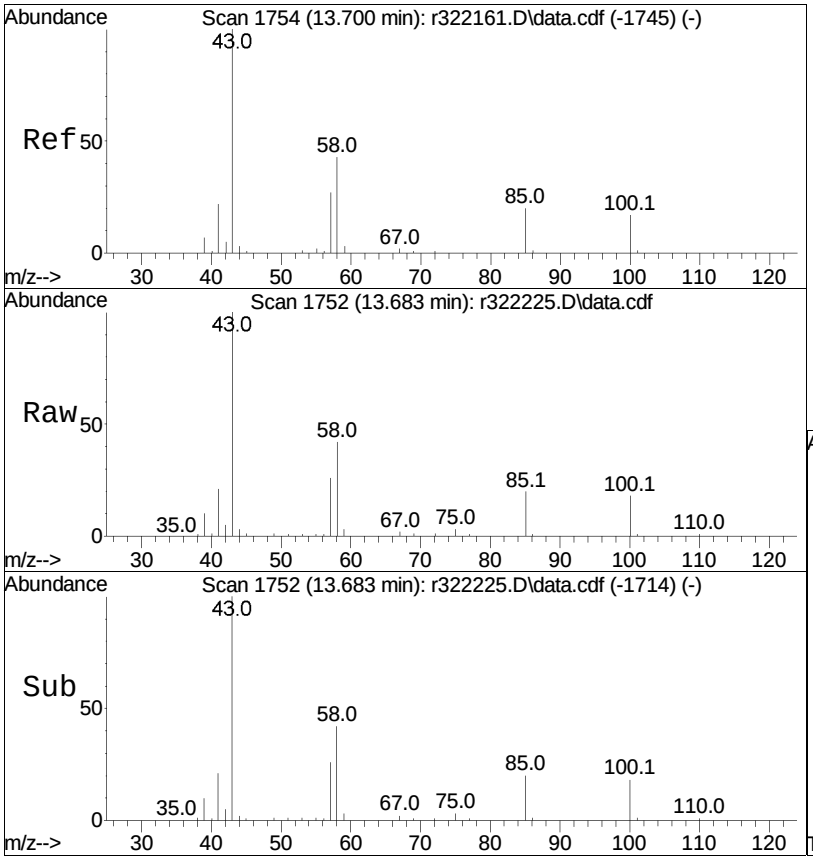


#63
cis-1,3-dichloropropene
Concen: 11.93 ppbV
RT: 13.642 min Scan# 1747
Delta R.T. -0.017 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion: 75 Resp: 398857

Ion	Ratio	Lower	Upper
75	100		
39	42.8	35.1	52.7
77	31.6	25.5	38.3

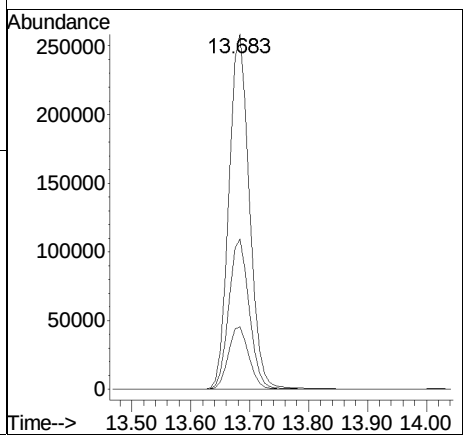


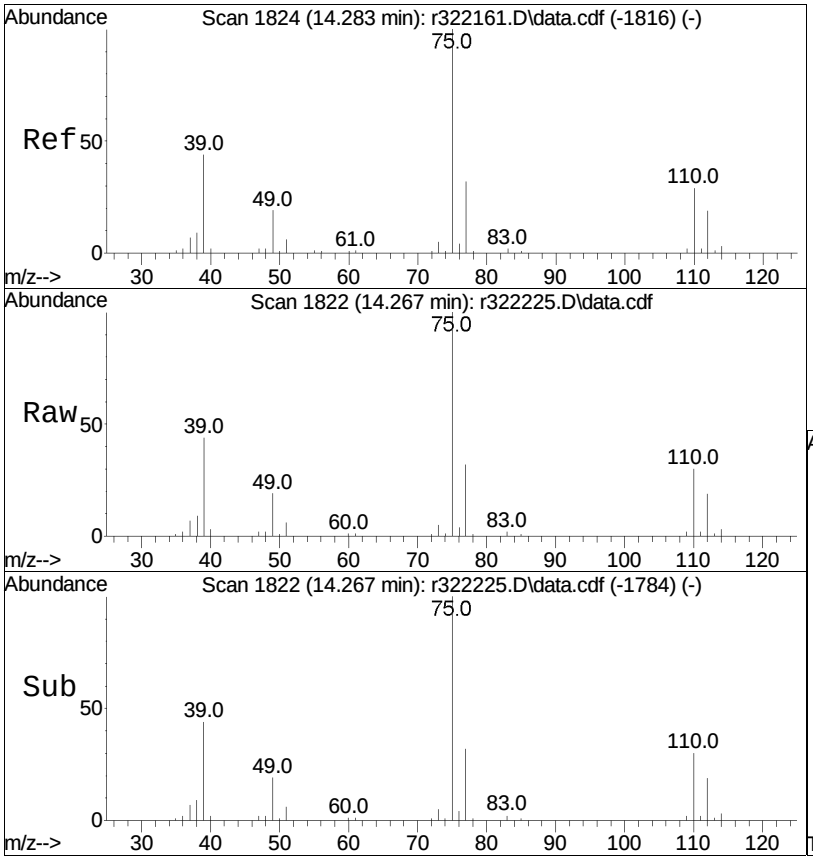


#64
4-methyl-2-pentanone
Concen: 12.48 ppbV
RT: 13.683 min Scan# 1752
Delta R.T. -0.017 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion: 43 Resp: 626569

Ion	Ratio	Lower	Upper
43	100		
58	42.3	34.3	51.5
100	17.6	13.8	20.6

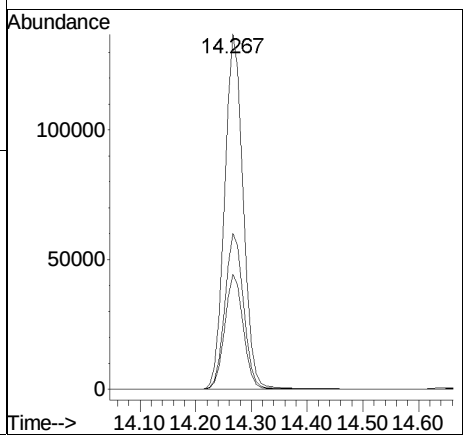


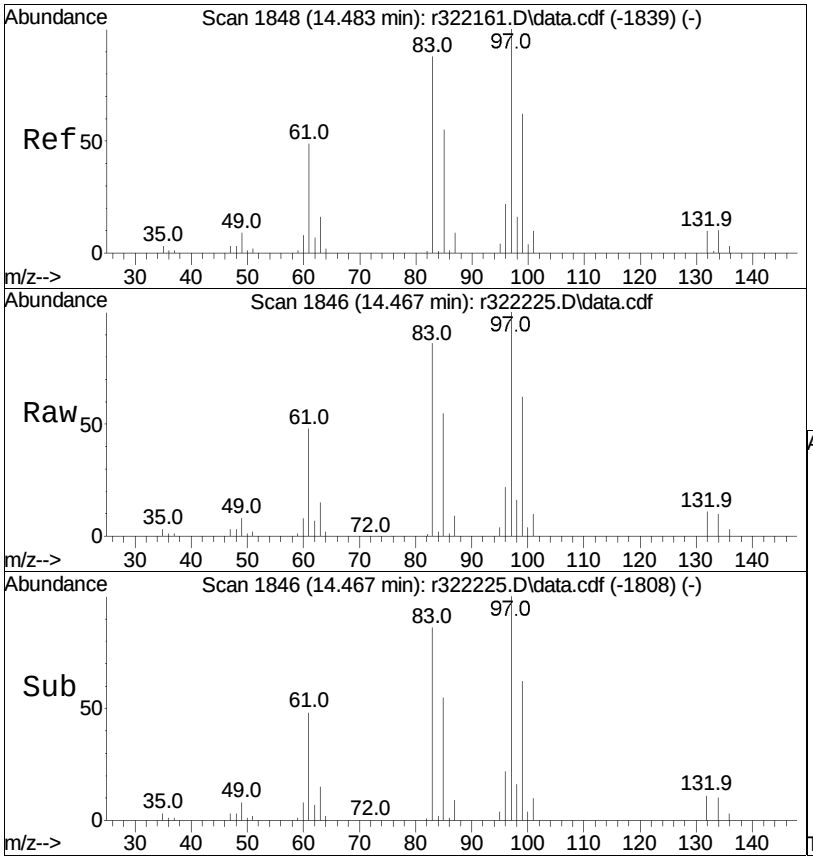


#65
trans-1,3-dichloropropene
Concen: 10.58 ppbV
RT: 14.267 min Scan# 1822
Delta R.T. -0.017 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion: 75 Resp: 318810

Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.8	38.6
39	43.9	35.4	53.0

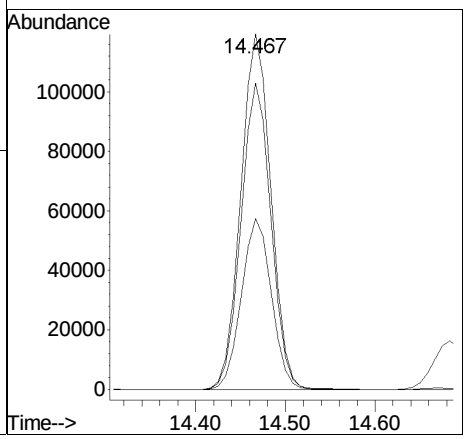


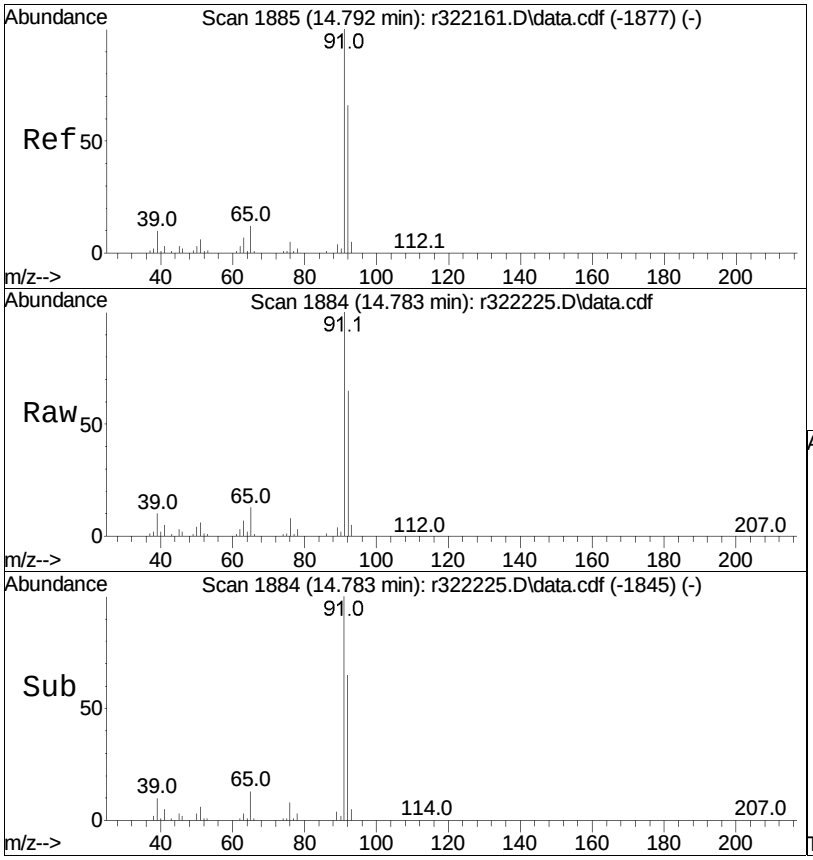


#66
1,1,2-trichloroethane
Concen: 11.15 ppbV
RT: 14.467 min Scan# 1846
Delta R.T. -0.017 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion: 97 Resp: 278872

Ion	Ratio	Lower	Upper
97	100		
83	86.2	70.2	105.2
61	48.1	39.2	58.8

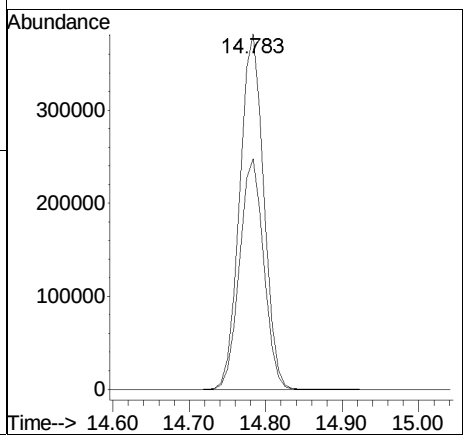


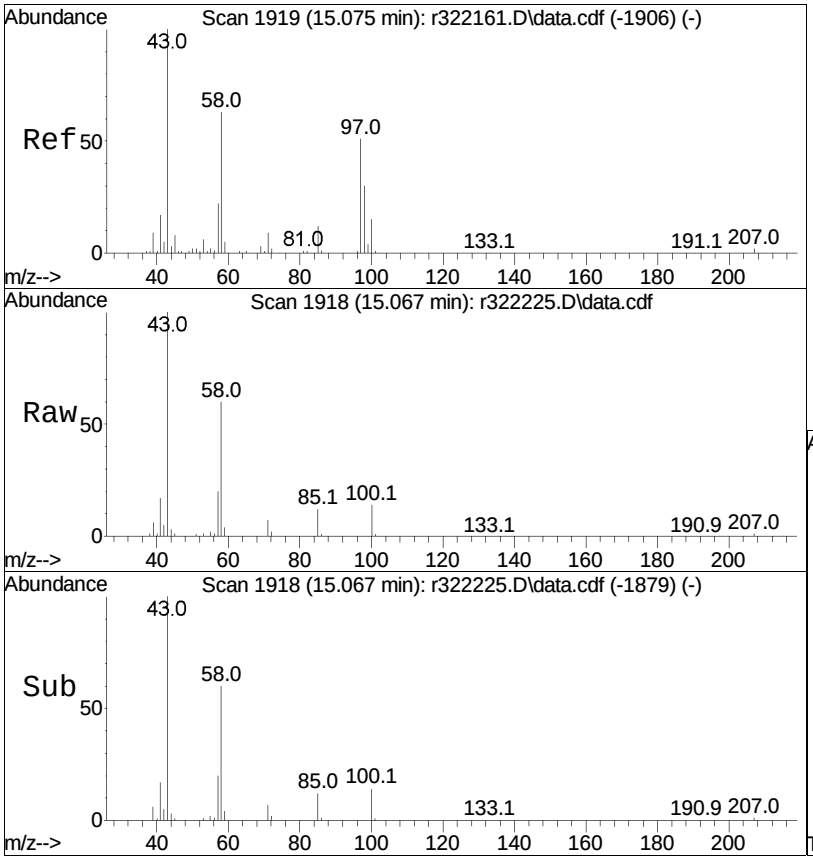


#68
toluene
Concen: 10.54 ppbV
RT: 14.783 min Scan# 1884
Delta R.T. -0.008 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion: 91 Resp: 834472

Ion	Ratio	Lower	Upper
91	100		
92	65.0	52.7	79.1

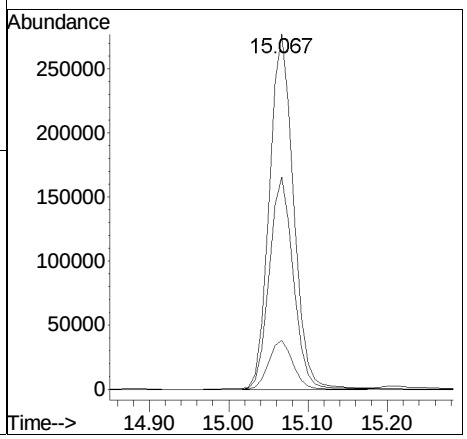


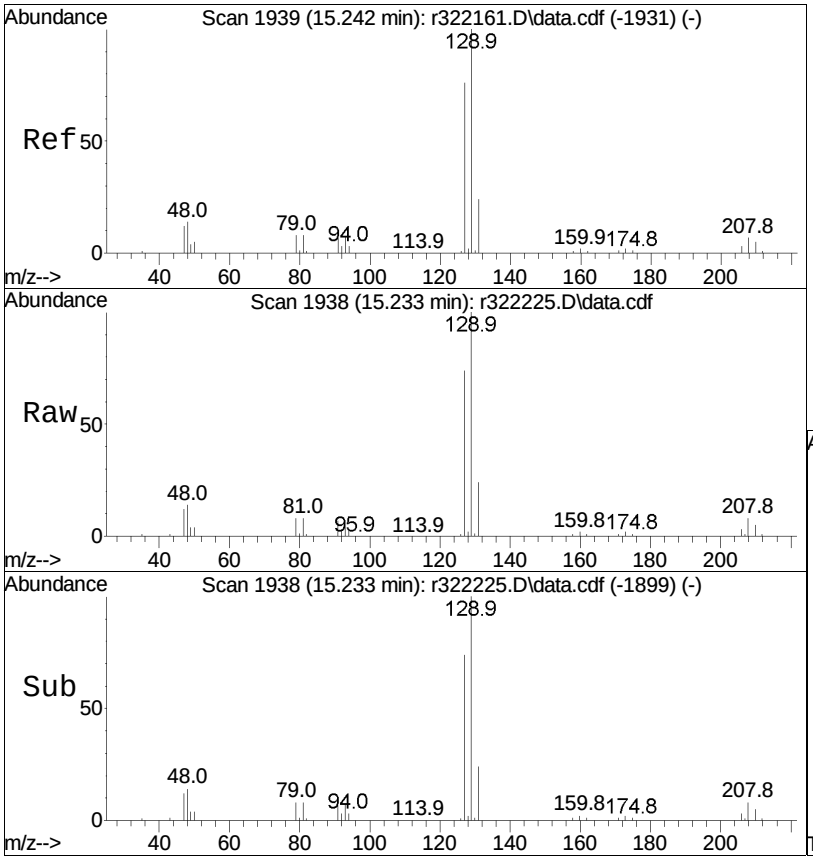


#72
2-hexanone
Concen: 12.34 ppbV
RT: 15.067 min Scan# 1918
Delta R.T. -0.008 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion: 43 Resp: 587877

Ion	Ratio	Lower	Upper
43	100		
58	59.7	50.5	75.7
100	13.8	12.2	18.2

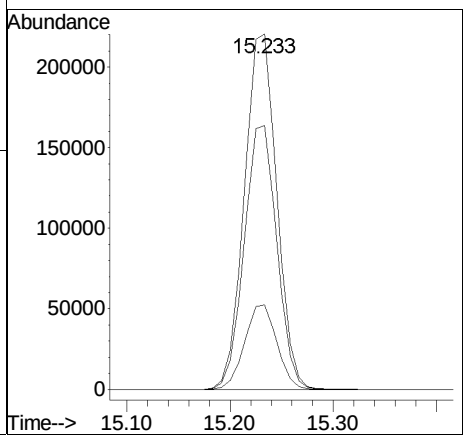


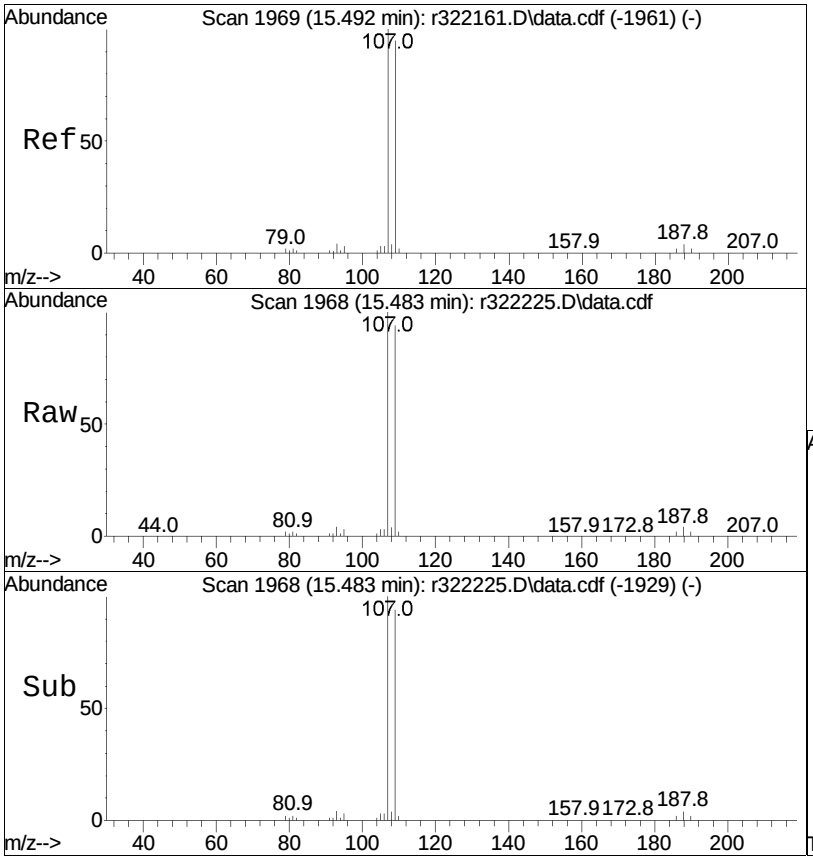


#74
dibromochloromethane
Concen: 13.24 ppbV
RT: 15.233 min Scan# 1938
Delta R.T. -0.008 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion:129 Resp: 482609

Ion	Ratio	Lower	Upper
129	100		
127	74.3	60.6	91.0
131	23.8	19.5	29.3

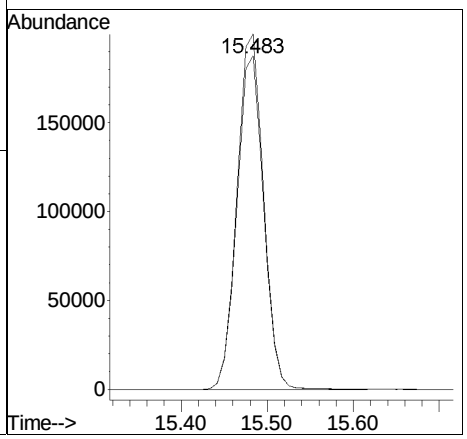


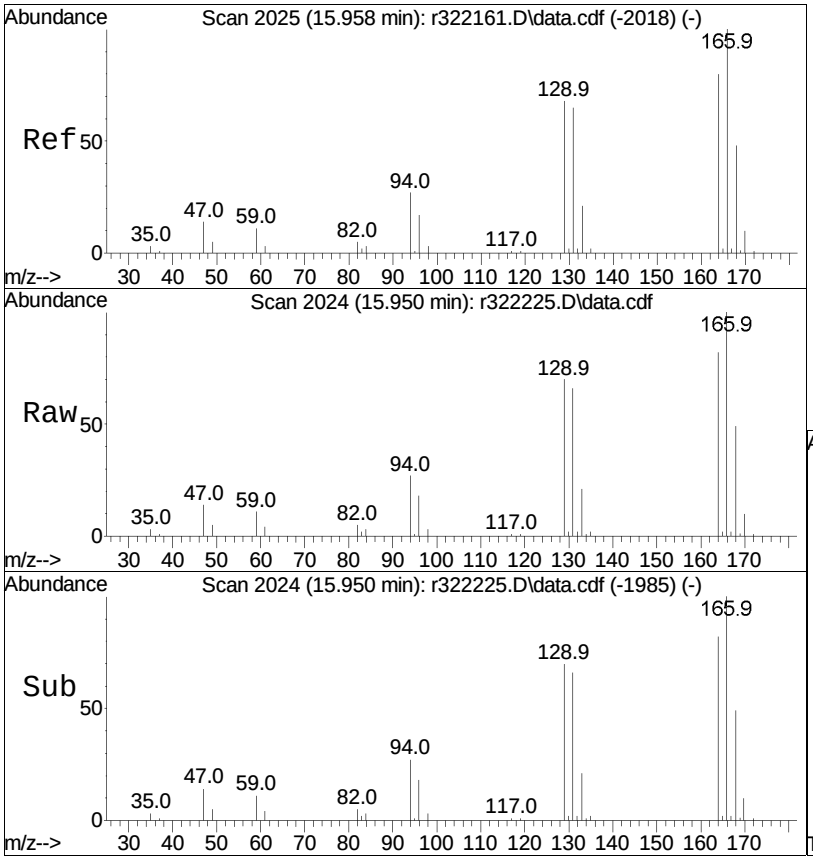


#75
1,2-dibromoethane
Concen: 11.25 ppbV
RT: 15.483 min Scan# 1968
Delta R.T. -0.008 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion:107 Resp: 428530

Ion	Ratio	Lower	Upper
107	100		
109	93.9	75.6	113.4

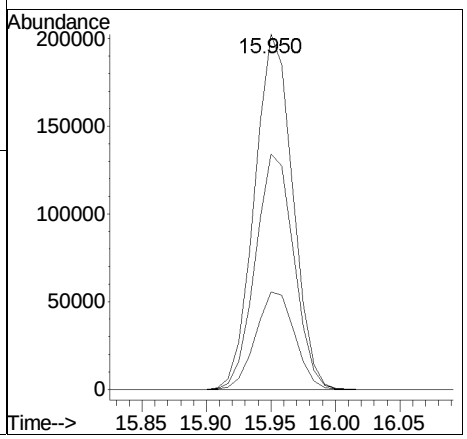


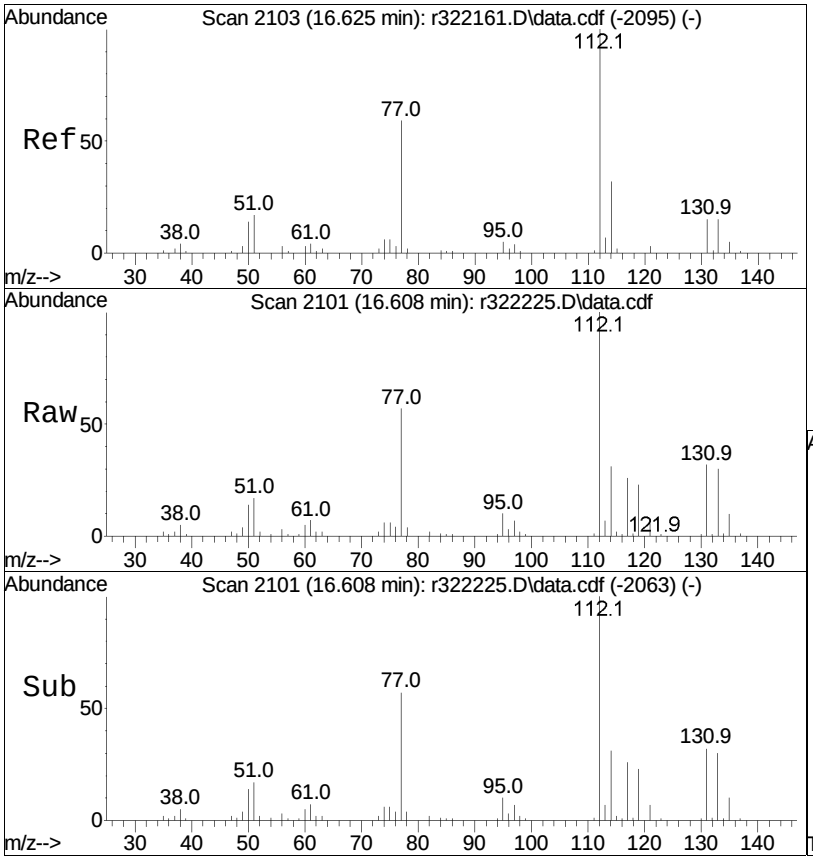


#78
tetrachloroethene
Concen: 10.88 ppbV
RT: 15.950 min Scan# 2024
Delta R.T. -0.008 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion:166 Resp: 417190

Ion	Ratio	Lower	Upper
166	100		
131	66.3	51.8	77.6
94	27.4	21.8	32.8

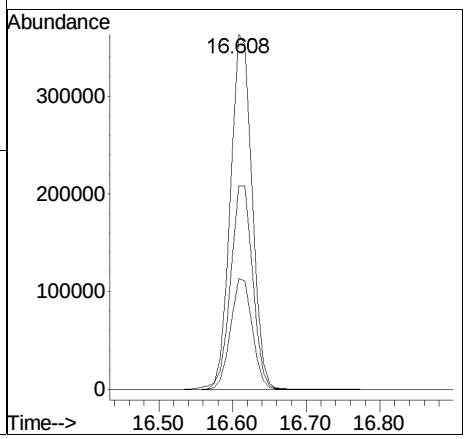


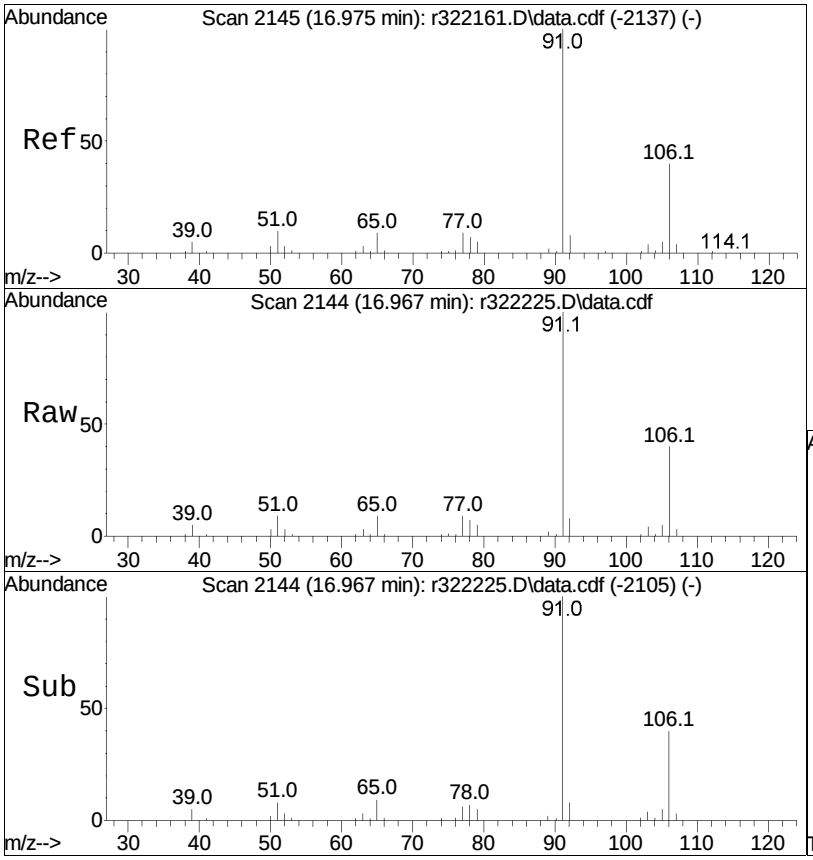


#80
chlorobenzene
Concen: 10.93 ppbV
RT: 16.608 min Scan# 2101
Delta R.T. -0.017 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion:112 Resp: 742373

Ion	Ratio	Lower	Upper
112	100		
114	31.2	25.2	37.8
77	57.3	47.1	70.7

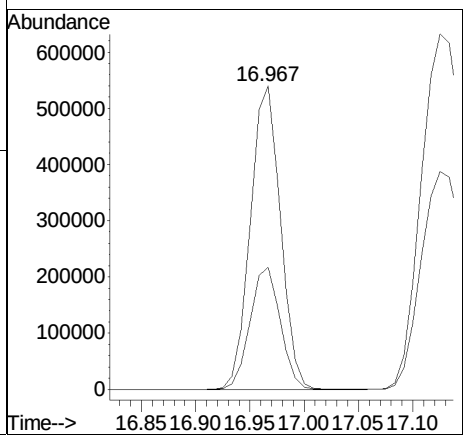


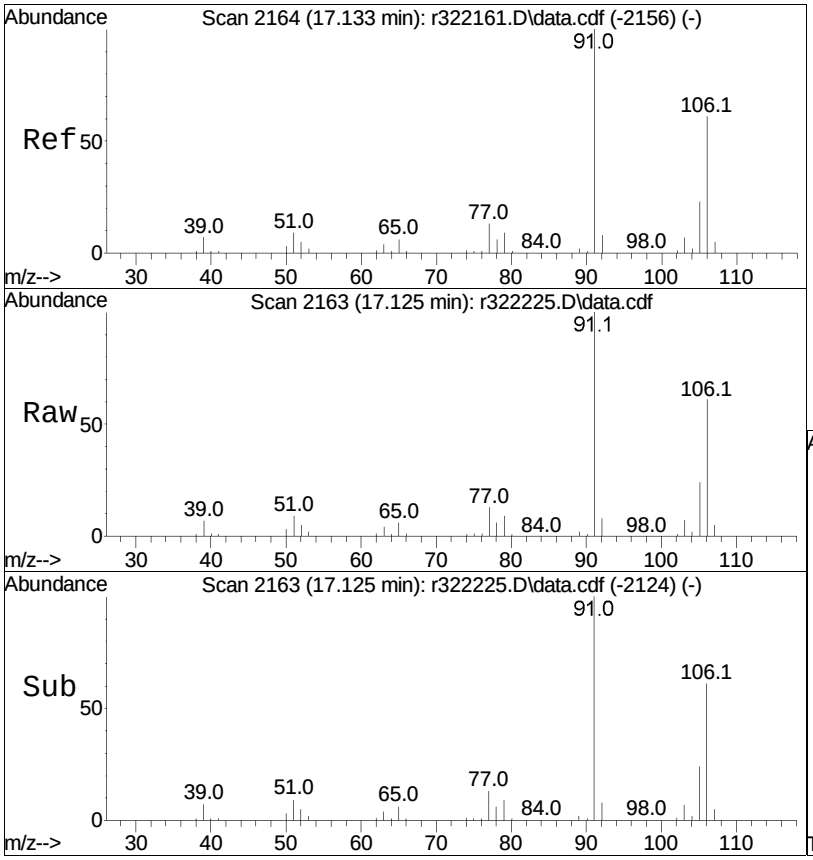


#81
ethylbenzene
Concen: 10.96 ppbV
RT: 16.967 min Scan# 2144
Delta R.T. -0.008 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion: 91 Resp: 1041118

Ion	Ratio	Lower	Upper
91	100		
106	40.2	32.4	48.6

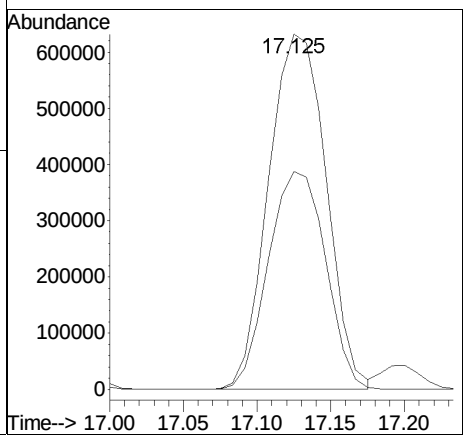


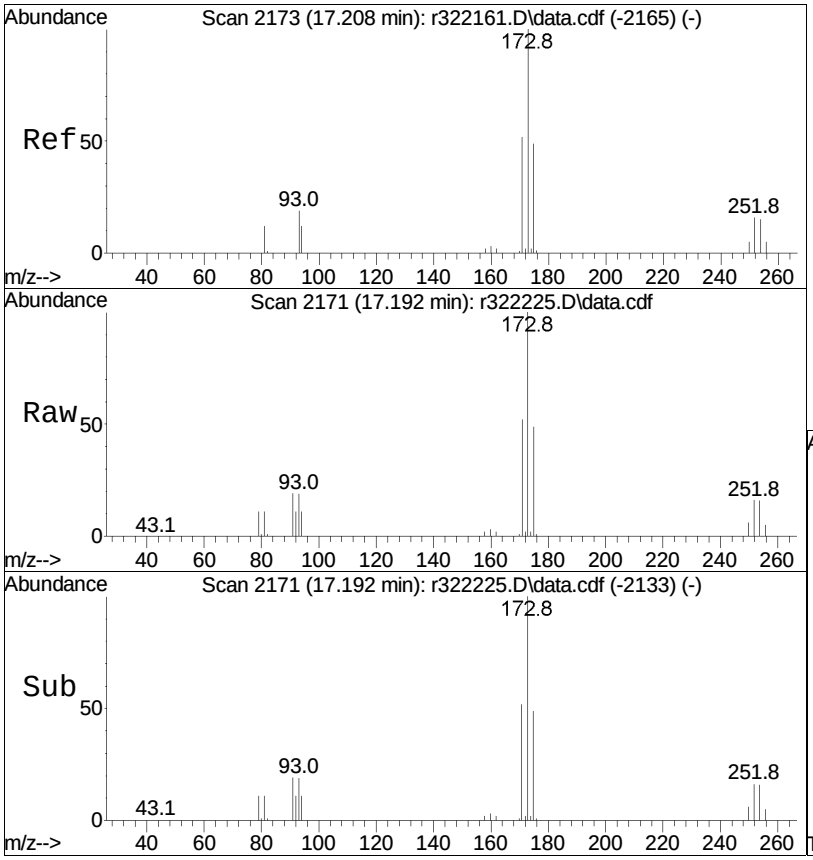


#83
m+p-xylene
Concen: 22.14 ppbV
RT: 17.125 min Scan# 2163
Delta R.T. -0.008 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion: 91 Resp: 1717566

Ion	Ratio	Lower	Upper
91	100		
106	61.3	48.4	72.6

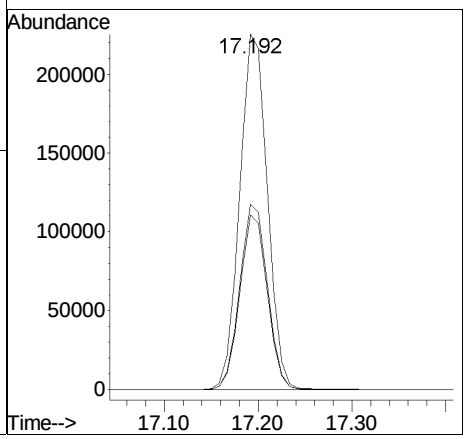


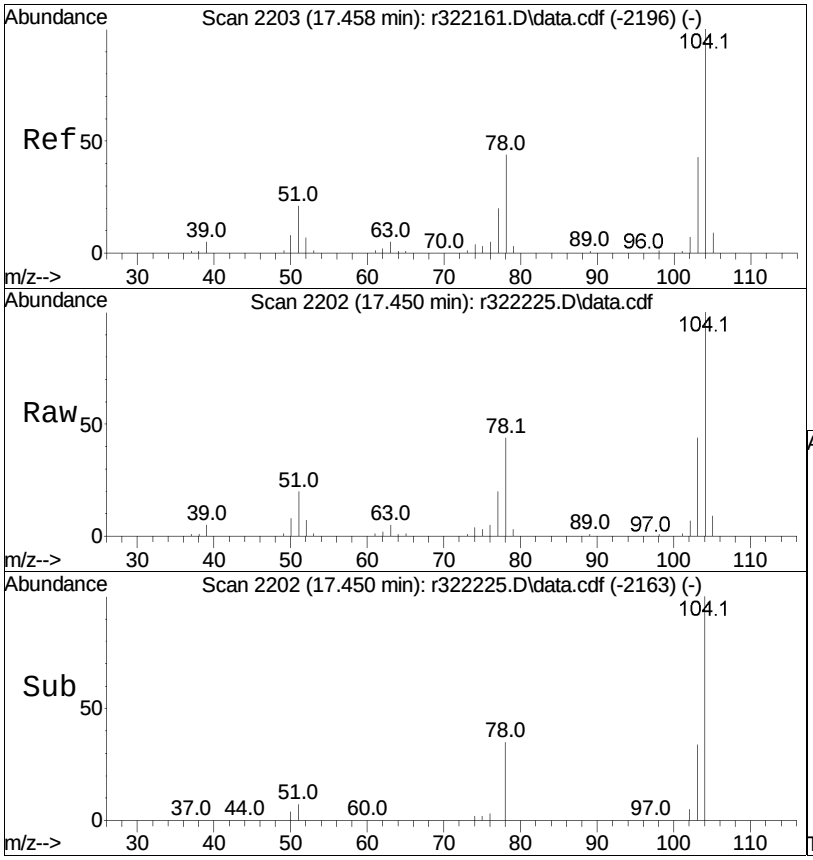


#84
bromoform
Concen: 13.61 ppbV
RT: 17.192 min Scan# 2171
Delta R.T. -0.017 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion:173 Resp: 461636

Ion	Ratio	Lower	Upper
173	100		
175	49.1	39.5	59.3
171	52.1	41.9	62.9

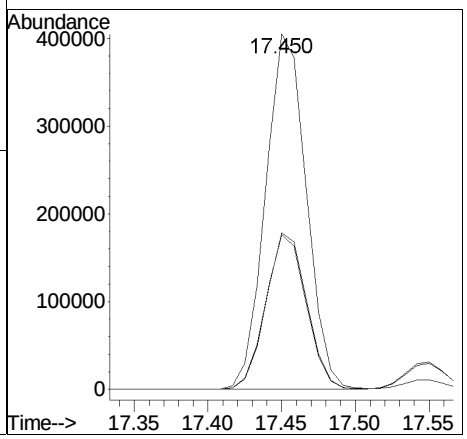


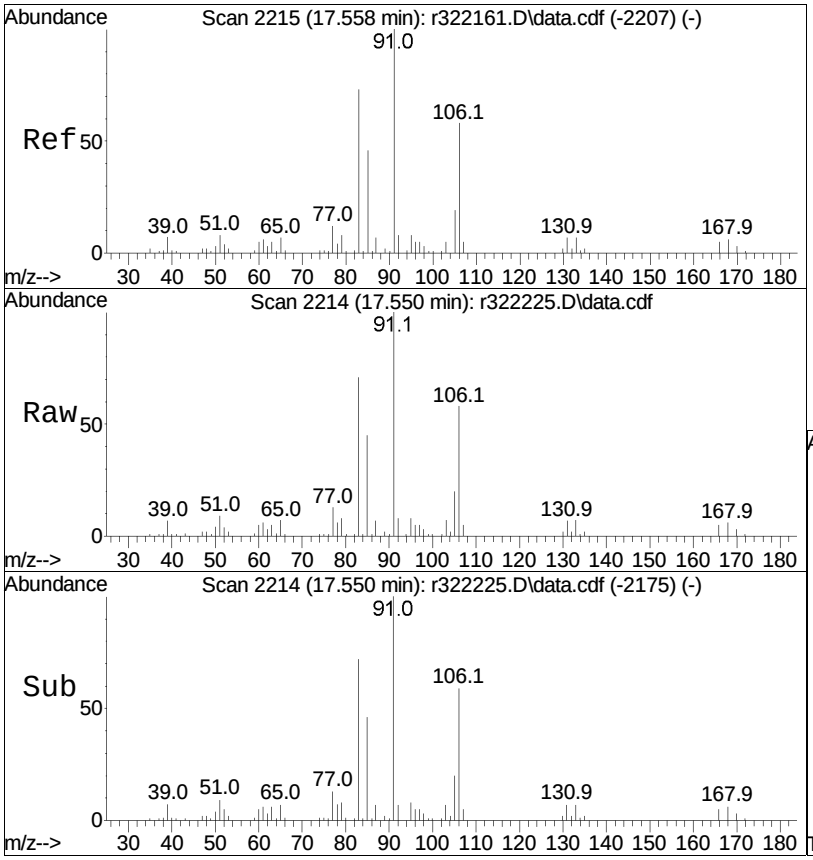


#85
styrene
Concen: 11.30 ppbV
RT: 17.450 min Scan# 2202
Delta R.T. -0.008 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion:104 Resp: 779669

Ion	Ratio	Lower	Upper
104	100		
103	43.5	34.4	51.6
78	44.1	35.1	52.7

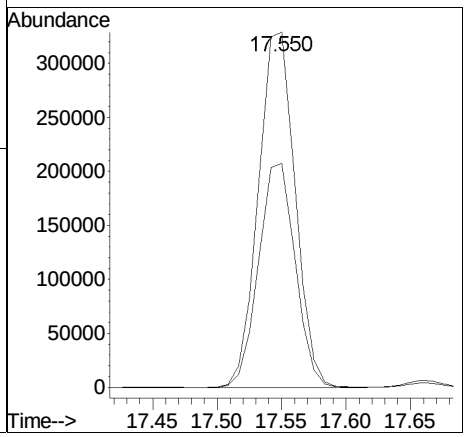


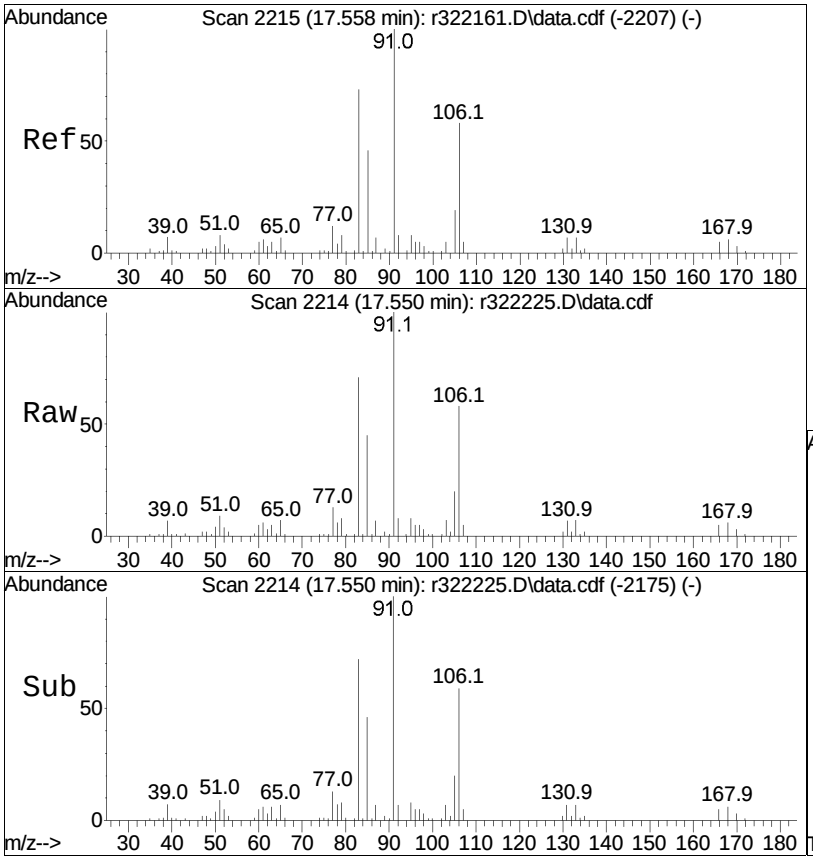


#86
1,1,2,2-tetrachloroethane
Concen: 11.36 ppbV
RT: 17.550 min Scan# 2214
Delta R.T. -0.008 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion: 83 Resp: 653948

Ion	Ratio	Lower	Upper
83	100		
85	63.0	50.6	75.8

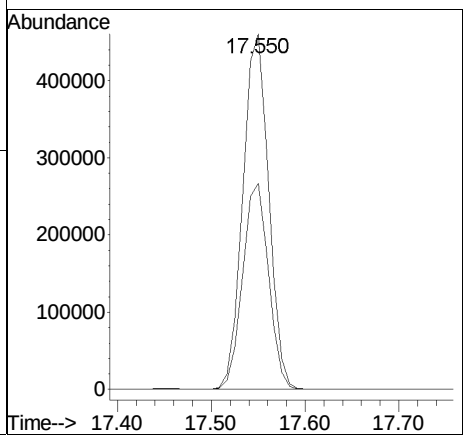


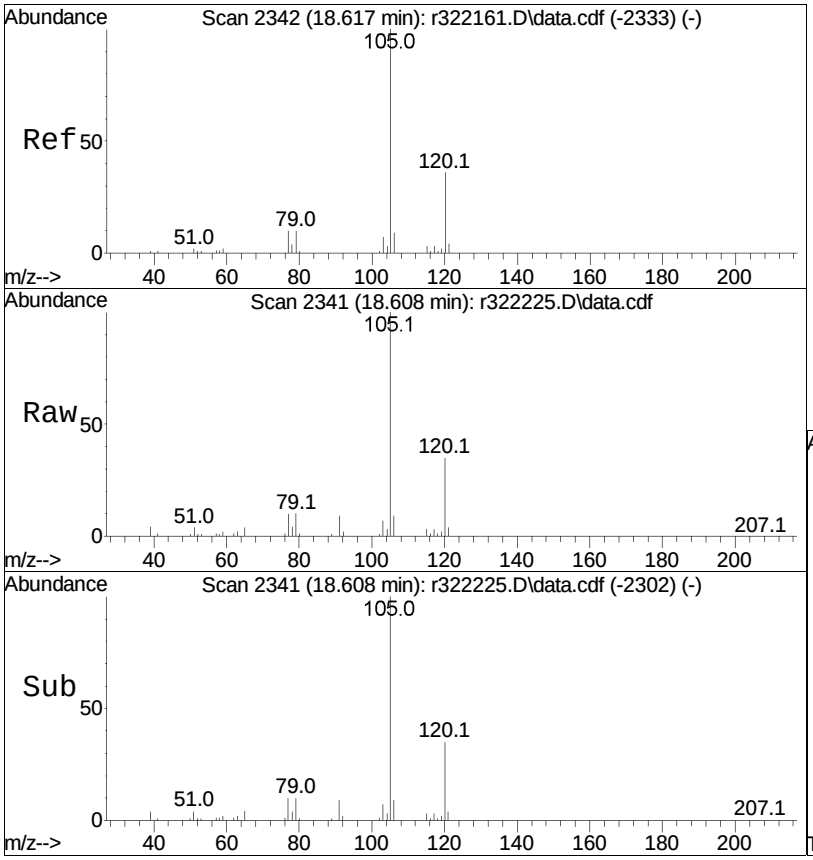


#87
o-xylene
Concen: 11.42 ppbV
RT: 17.550 min Scan# 2214
Delta R.T. -0.008 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion: 91 Resp: 882605

Ion	Ratio	Lower	Upper
91	100		
106	58.0	46.4	69.6

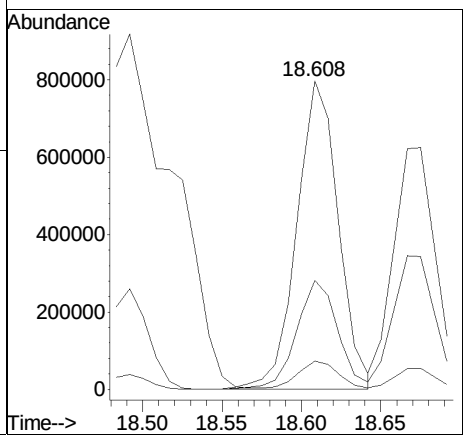


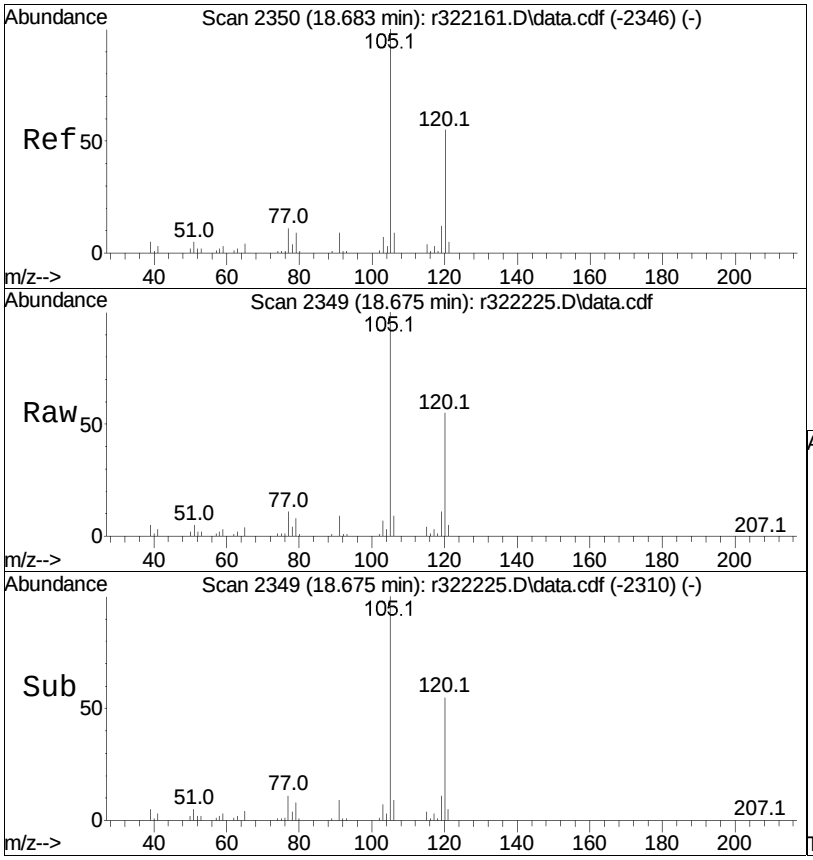


#96
4-ethyl toluene
Concen: 12.31 ppbV
RT: 18.608 min Scan# 2341
Delta R.T. -0.008 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion:105 Resp: 1448471

Ion	Ratio	Lower	Upper
105	100		
120	35.3	28.6	42.8
91	9.2	7.4	11.2

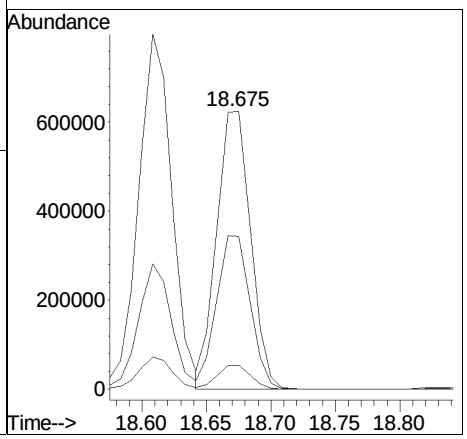


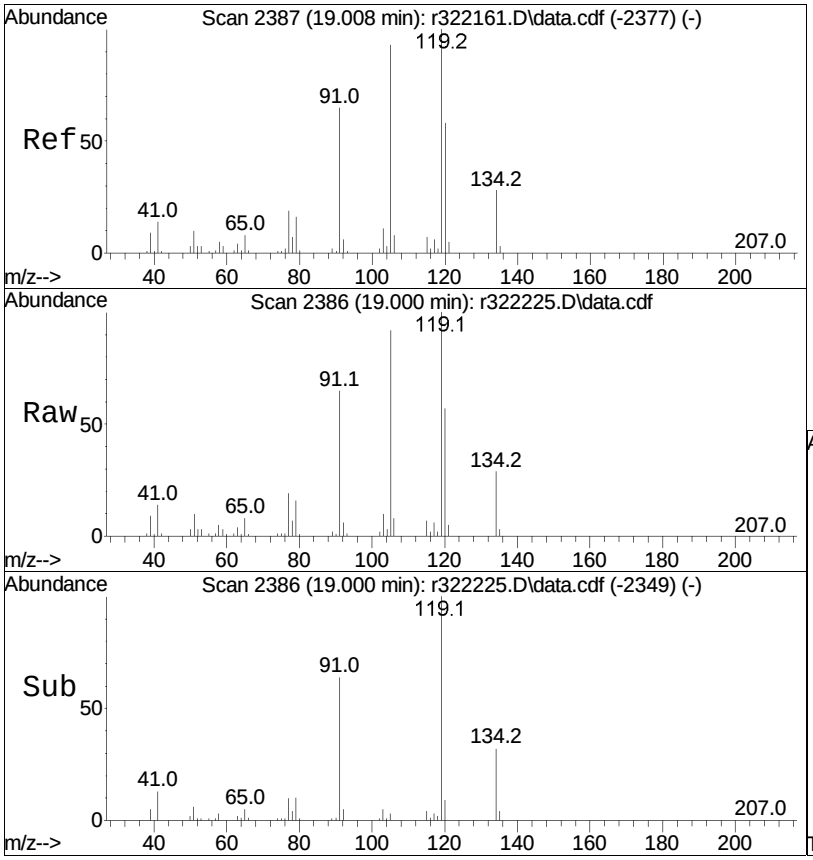


#97
1,3,5-trimethylbenzene
Concen: 10.64 ppbV
RT: 18.675 min Scan# 2349
Delta R.T. -0.008 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion:105 Resp: 1146218

Ion	Ratio	Lower	Upper
105	100		
120	54.9	43.7	65.5
91	8.8	7.0	10.4

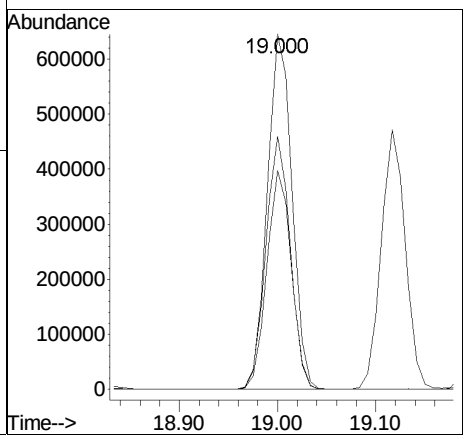


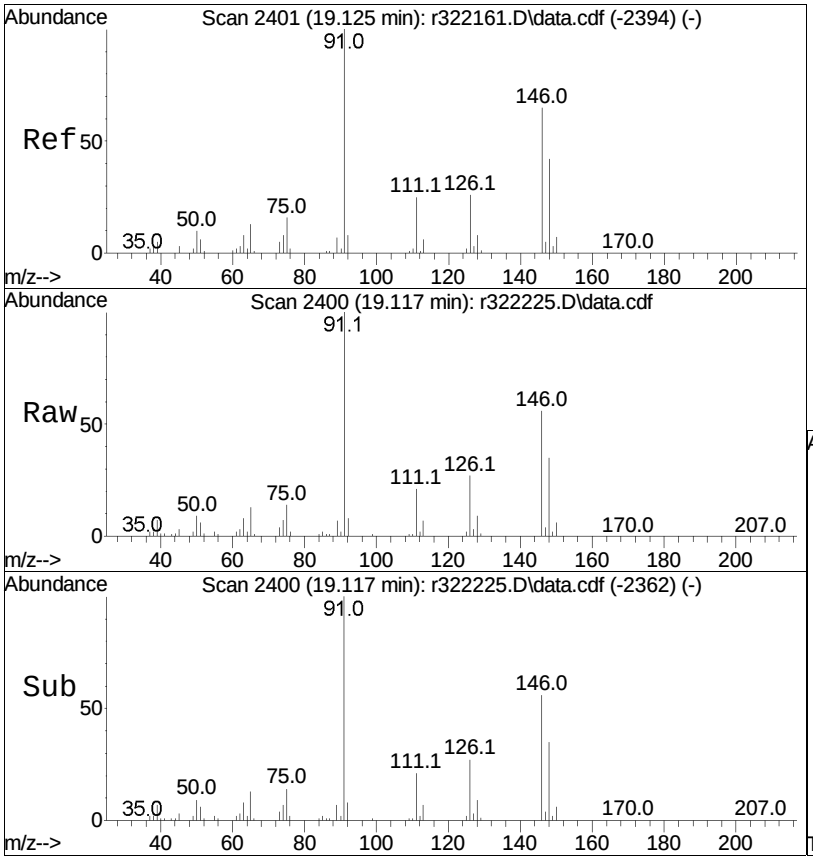


#99
1,2,4-trimethylbenzene
Concen: 11.92 ppbV
RT: 19.000 min Scan# 2386
Delta R.T. -0.008 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion:105 Resp: 1125044

Ion	Ratio	Lower	Upper
105	100		
120	61.6	49.4	74.2
91	71.2	55.8	83.8

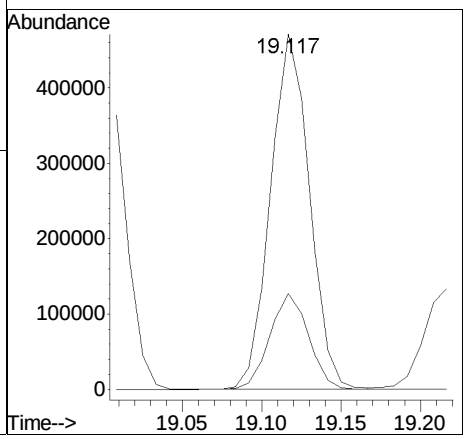


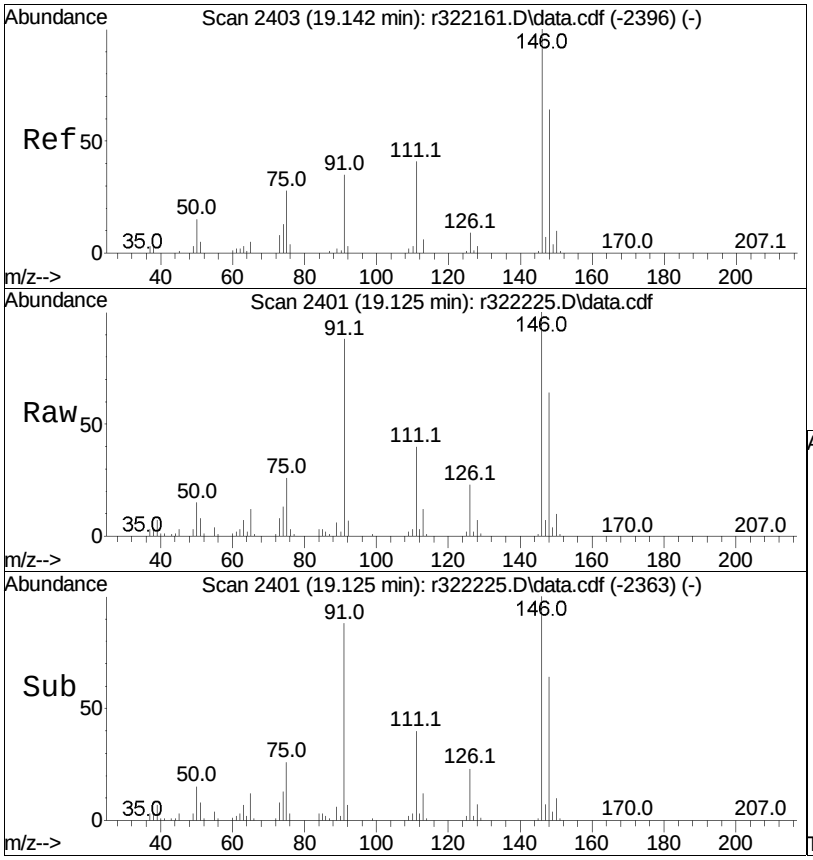


#101
Benzyl Chloride
Concen: 15.06 ppbV
RT: 19.117 min Scan# 2400
Delta R.T. -0.008 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion: 91 Resp: 803365

Ion	Ratio	Lower	Upper
91	100		
126	27.0	20.9	31.3

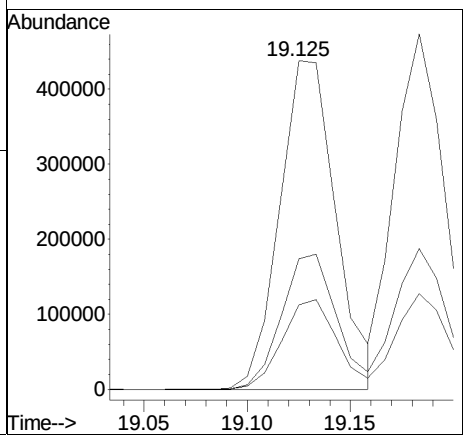


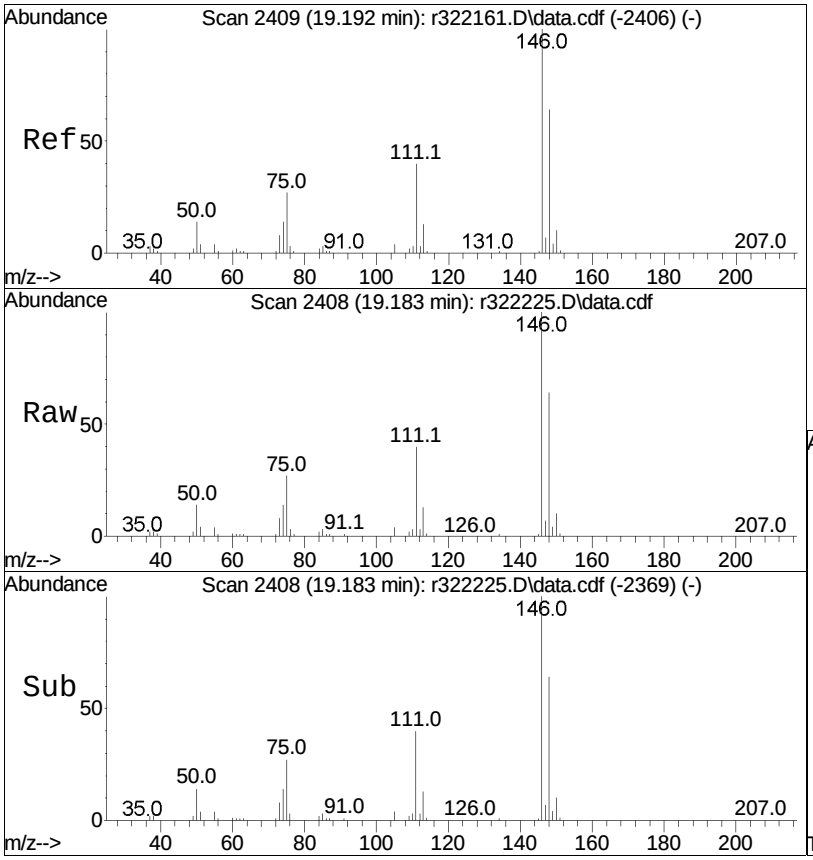


#102
1,3-dichlorobenzene
Concen: 11.67 ppbV
RT: 19.125 min Scan# 2401
Delta R.T. -0.017 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion:146 Resp: 831907

Ion	Ratio	Lower	Upper
146	100		
111	39.7	32.8	49.2
75	25.7	22.2	33.2

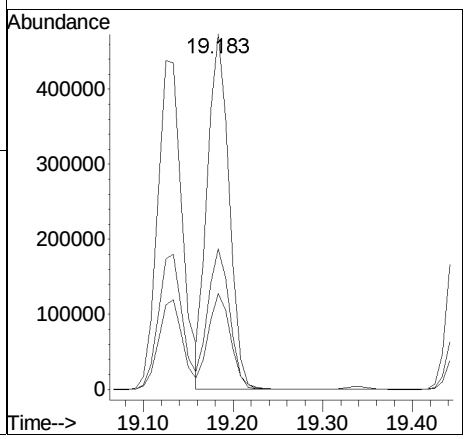


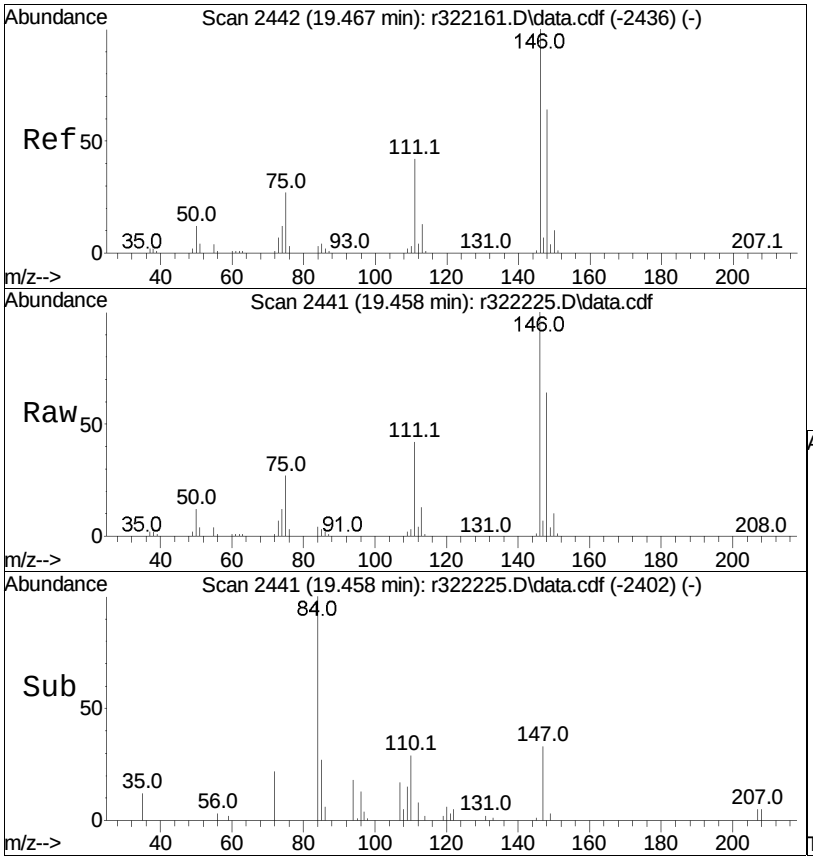


#103
1,4-dichlorobenzene
Concen: 11.47 ppbV
RT: 19.183 min Scan# 2408
Delta R.T. -0.008 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion:146 Resp: 794943

Ion	Ratio	Lower	Upper
146	100		
111	39.6	31.4	47.2
75	27.0	21.7	32.5

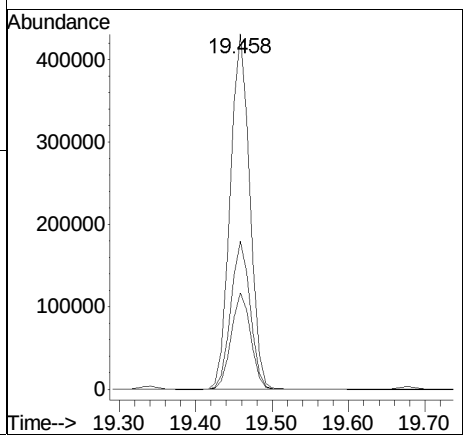


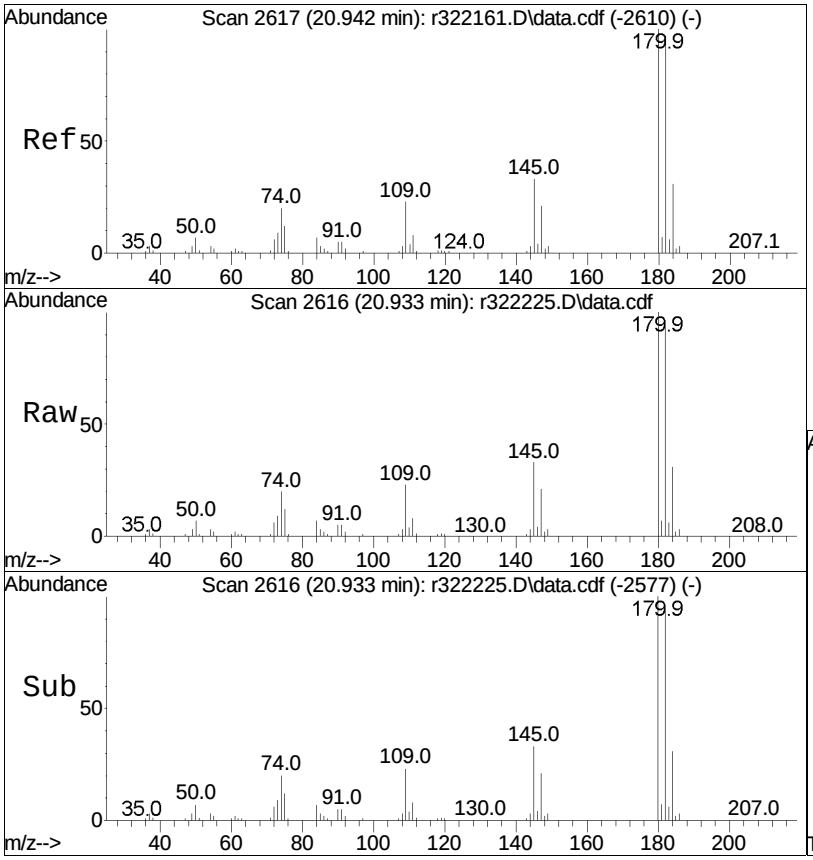


#107
1,2-dichlorobenzene
Concen: 11.48 ppbV
RT: 19.458 min Scan# 2441
Delta R.T. -0.008 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion:146 Resp: 765814

Ion	Ratio	Lower	Upper
146	100		
111	41.7	33.4	50.2
75	27.2	21.8	32.8

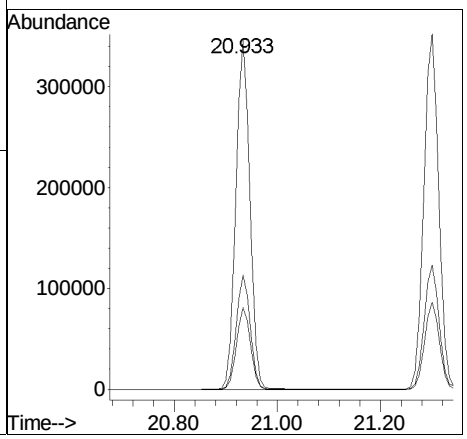


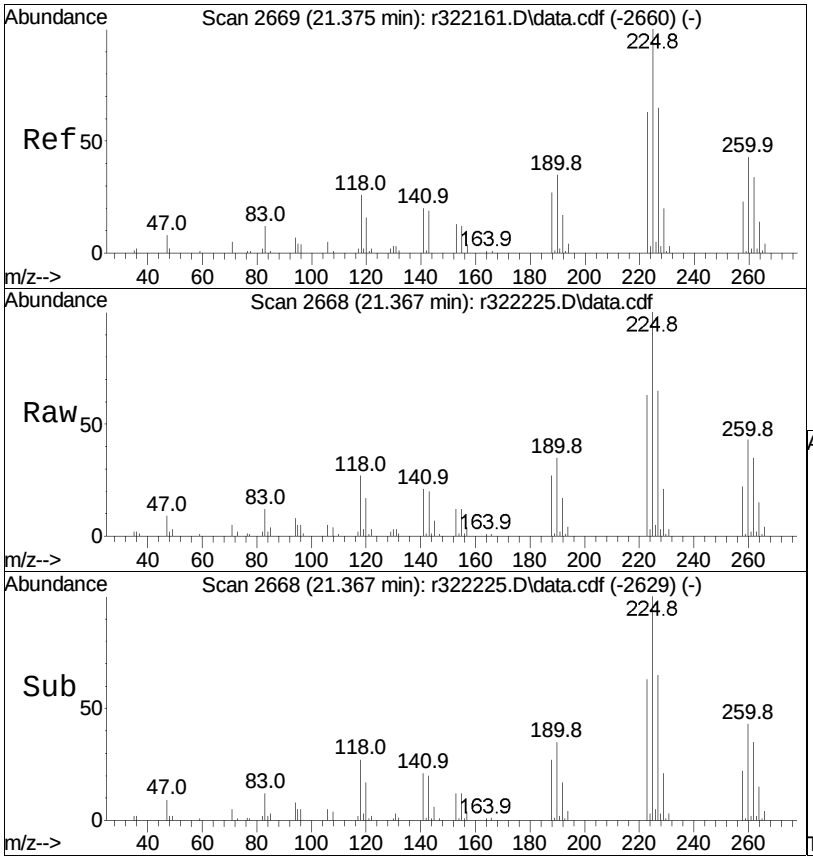


#115
1,2,4-trichlorobenzene
Concen: 12.45 ppbV
RT: 20.933 min Scan# 2616
Delta R.T. -0.008 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion:180 Resp: 656308

Ion	Ratio	Lower	Upper
180	100		
145	32.8	26.3	39.5
109	23.4	18.6	28.0

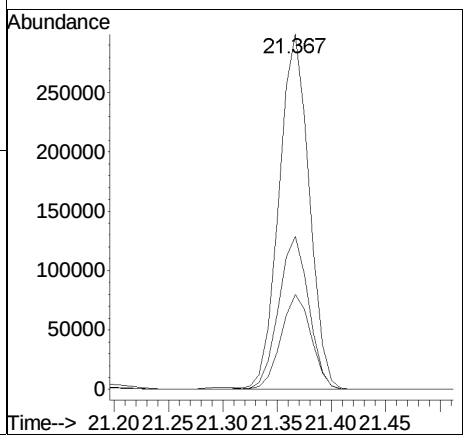




#119
hexachlorobutadiene
Concen: 11.72 ppbV
RT: 21.367 min Scan# 2668
Delta R.T. -0.008 min
Lab File: r322225.D
Acq: 19 May 2022 2:23 PM

Tgt Ion:225 Resp: 579628

Ion	Ratio	Lower	Upper
225	100		
260	43.1	34.3	51.5
118	26.7	21.2	31.8

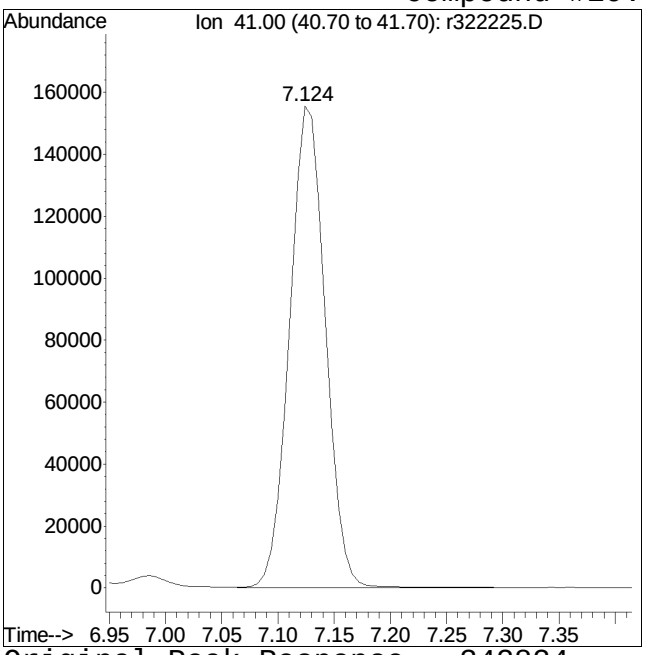


Manual Integration Report

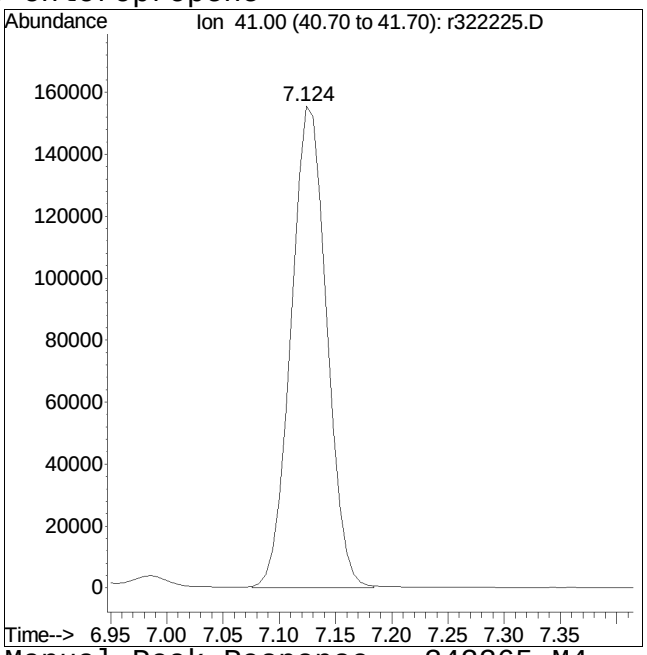
Data Path : O:\Forensics\Data\AirpianoQ
Data File : r322225.D
Date Inj'd : 5/19/2020 0:2: 3
Sample : WG1640711-3,3,250,250

Method : TFS3_220516.M
Operator : AIRPIANO3:TS
Instrument :
Quant Date : 5/19/2022 3:42 pm

Compound #29: 3-chloropropene



Original Peak Response = 342824



Manual Peak Response = 342365 M4

M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518T\
Data File : r322207.D
Acq On : 19 May 2022 12:26 AM
Operator : AIRPIANO3:TS
Sample : WG1640147-5,3,250,250
Misc : WG1640147,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 19 18:02:37 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0518T\r322194.D
Sub List : TO15-NY-7-SIM - .

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.542	49	427643	10.000	ppbV	-0.03
Standard Area = 443368			Recovery =	96.45%		
43) 1,4-difluorobenzene	11.813	114	1281072	10.000	ppbV	-0.03
Standard Area = 1337389			Recovery =	95.79%		
67) chlorobenzene-D5	16.558	54	197831	10.000	ppbV	-0.02
Standard Area = 206902			Recovery =	95.62%		
System Monitoring Compounds						
Target Compounds						Qvalue
5) dichlorodifluoromethane	3.940	85	20868	0.620	ppbV	99
6) chloromethane	4.120	50	20103	1.243	ppbV	98
7) Freon-114	4.246		0	N.D.		
10) 1,3-butadiene	4.546		0	N.D.		
13) bromomethane	4.864		0	N.D.		
14) chloroethane	0.000		0	N.D.		
15) ethanol	5.260	31	124764	7.594	ppbV	98
17) vinyl bromide	0.000		0	N.D.		
19) acetone	5.840	43	115434M6	4.927	ppbV	
21) trichlorofluoromethane	6.033	101	9490	0.310	ppbV	99
22) isopropyl alcohol	6.167	45	93185	3.306	ppbV	99
27) tertiary butyl alcohol	6.896	59	196058	5.590	ppbV	99
28) methylene chloride	6.974	49	4821	0.181	ppbV	95
29) 3-chloropropene	0.000		0	N.D.	d	
30) carbon disulfide	7.268	76	6219	0.102	ppbV #	1
31) Freon 113	7.310	101	2754	0.081	ppbV	97
32) trans-1,2-dichloroethene	0.000		0	N.D.		
33) 1,1-dichloroethane	0.000		0	N.D.		
34) MTBE	8.442		0	N.D.		
36) 2-butanone	8.858	43	15792	0.371	ppbV	99
38) Ethyl Acetate	9.675	61	512	0.074	ppbV	74
39) chloroform	9.700		0	N.D.		
40) Tetrahydrofuran	10.192	42	1895	0.077	ppbV	97
42) 1,2-dichloroethane	10.558		0	N.D.		
44) hexane	9.617	57	15568	0.426	ppbV #	40
50) benzene	11.380	78	17751	0.237	ppbV	97
53) cyclohexane	11.693	56	4810	0.127	ppbV	94

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518T\
Data File : r322207.D
Acq On : 19 May 2022 12:26 AM
Operator : AIRPIANO3:TS
Sample : WG1640147-5,3,250,250
Misc : WG1640147,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 19 18:02:37 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0518T\r322194.D
Sub List : TO15-NY-7-SIM - .

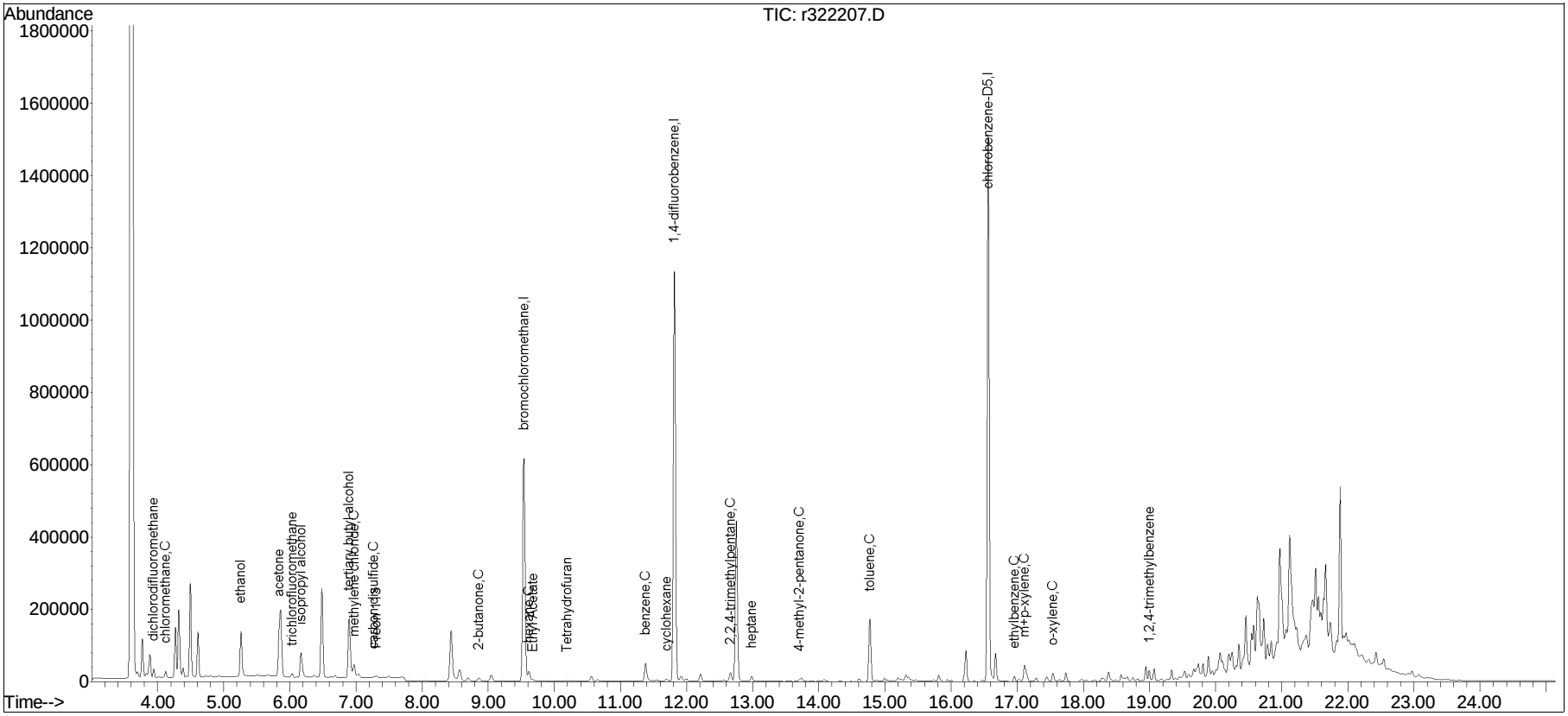
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) 1,2-dichloropropane	0.000		0	N.D.		
57) bromodichloromethane	12.560		0	N.D.		
58) 1,4-dioxane	12.653		0	N.D.		
60) 2,2,4-trimethylpentane	12.667	57	28881	0.256	ppbV	96
62) heptane	12.987	43	8649	0.206	ppbV	94
63) cis-1,3-dichloropropene	0.000		0	N.D.		
64) 4-methyl-2-pentanone	13.708	43	3426	0.071	ppbV	95
65) trans-1,3-dichloropropene	0.000		0	N.D.		
66) 1,1,2-trichloroethane	0.000		0	N.D.		
68) toluene	14.775	91	156126	2.101	ppbV	100
72) 2-hexanone	15.100		0	N.D.		
74) dibromochloromethane	0.000		0	N.D.		
75) 1,2-dibromoethane	0.000		0	N.D.		
80) chlorobenzene	16.617		0	N.D.		
81) ethylbenzene	16.958	91	13510	0.152	ppbV	100
83) m+p-xylene	17.108	91	38694	0.531	ppbV	99
84) bromoform	0.000		0	N.D.		
85) styrene	17.450		0	N.D.		
86) 1,1,2,2-tetrachloroethane	17.583		0	N.D.		
87) o-xylene	17.542	91	15448	0.213	ppbV	97
96) 4-ethyl toluene	18.600		0	N.D.		
97) 1,3,5-trimethylbenzene	18.667		0	N.D.		
99) 1,2,4-trimethylbenzene	19.000	105	14609M6	0.165	ppbV	
101) Benzyl Chloride	19.175		0	N.D.		
102) 1,3-dichlorobenzene	19.183		0	N.D.		
103) 1,4-dichlorobenzene	19.183		0	N.D.		
107) 1,2-dichlorobenzene	0.000		0	N.D.		
115) 1,2,4-trichlorobenzene	21.008		0	N.D.		
119) hexachlorobutadiene	0.000		0	N.D.		

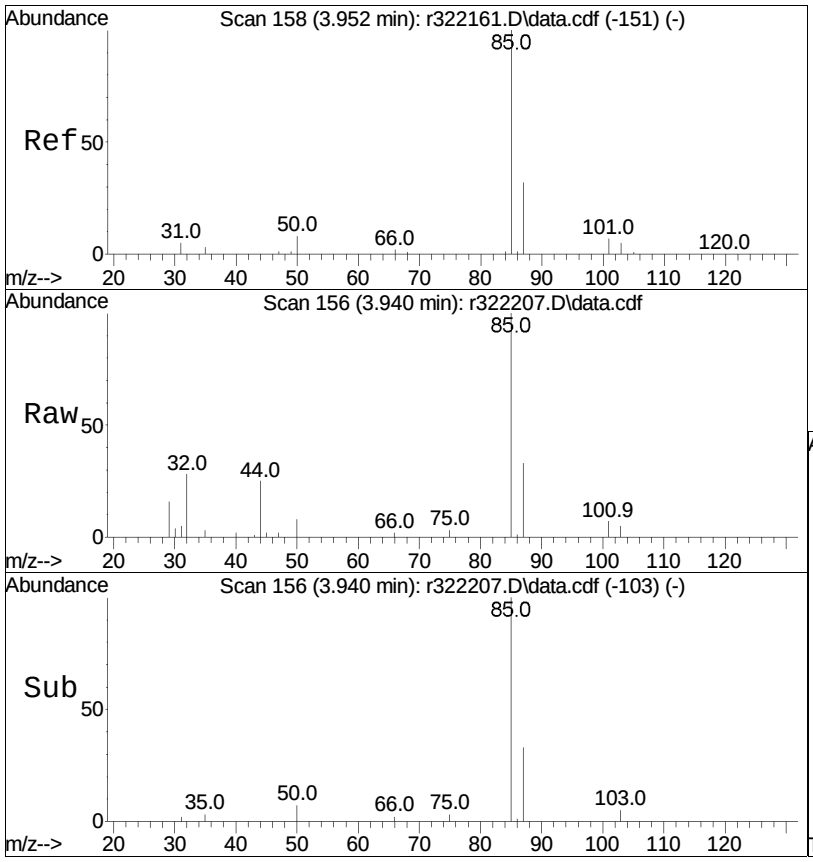
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : TO15-NY-7-SIM - .\Airpiano3\2022\05\0518T\r322194.D

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518T\
Data File : r322207.D
Acq On : 19 May 2022 12:26 AM
Operator : AIRPIANO3:TS
Sample : WG1640147-5,3,250,250
Misc : WG1640147,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 19 18:02:37 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

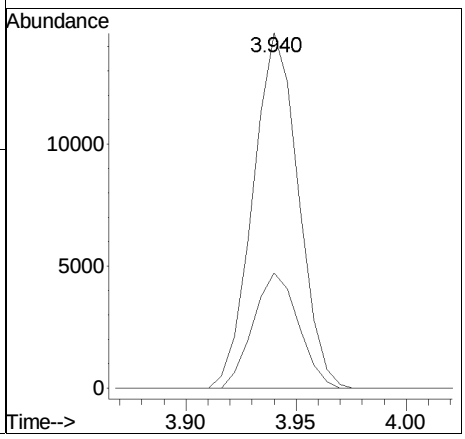


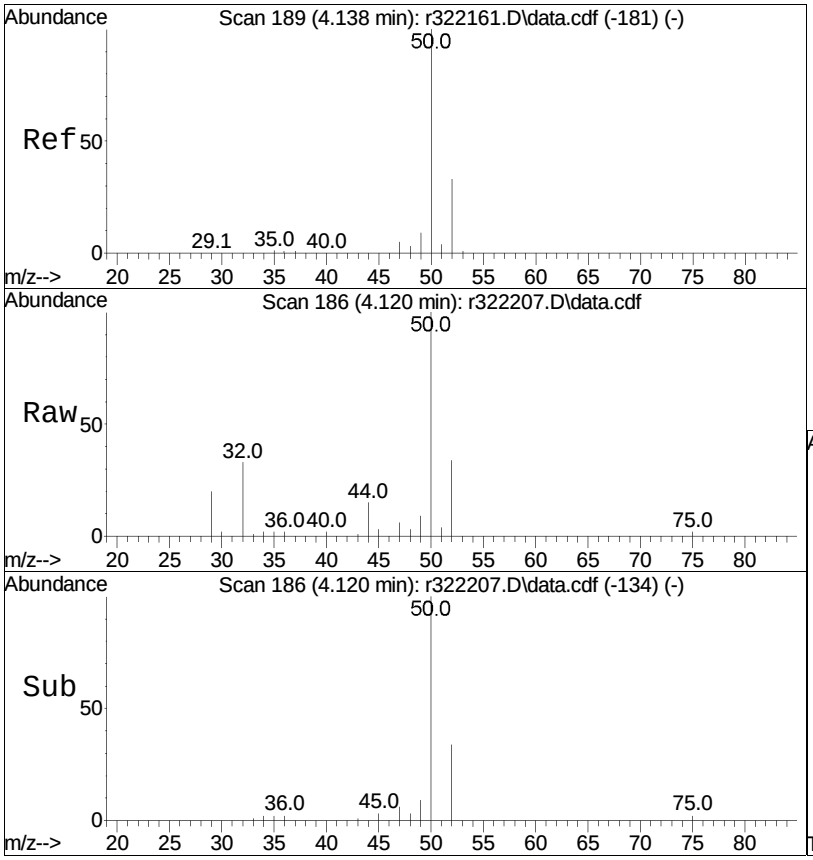


#5
dichlorodifluoromethane
Concen: 0.62 ppbV
RT: 3.940 min Scan# 156
Delta R.T. -0.012 min
Lab File: r322207.D
Acq: 19 May 2022 12:26 AM

Tgt Ion: 85 Resp: 20868

Ion	Ratio	Lower	Upper
85	100		
87	32.5	25.8	38.6

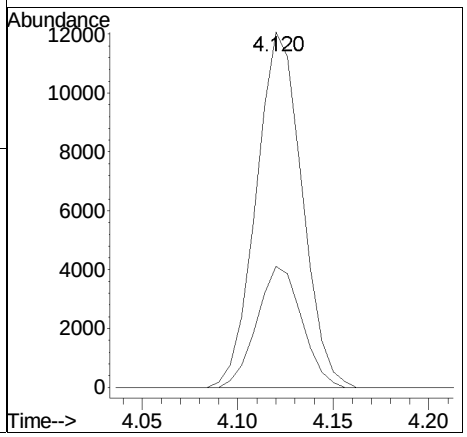


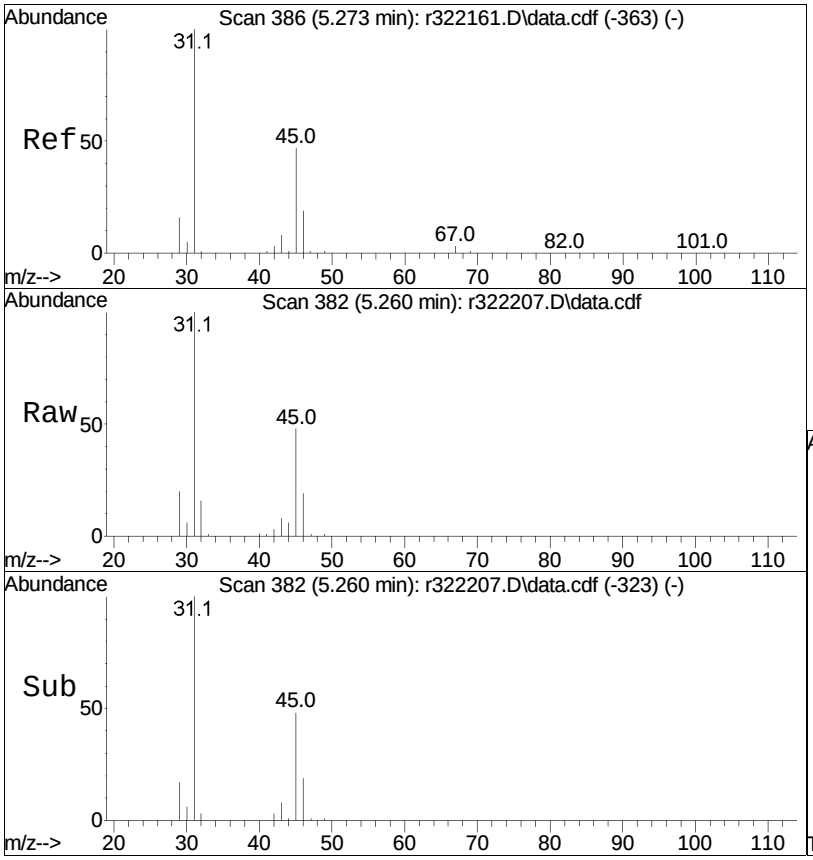


#6
chloromethane
Concen: 1.24 ppbV
RT: 4.120 min Scan# 186
Delta R.T. -0.018 min
Lab File: r322207.D
Acq: 19 May 2022 12:26 AM

Tgt Ion: 50 Resp: 20103

Ion	Ratio	Lower	Upper
50	100		
52	34.1	26.3	39.5

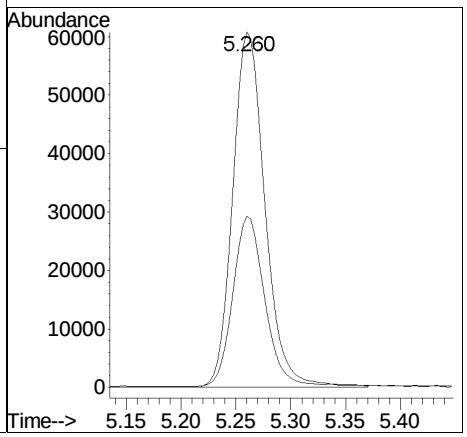


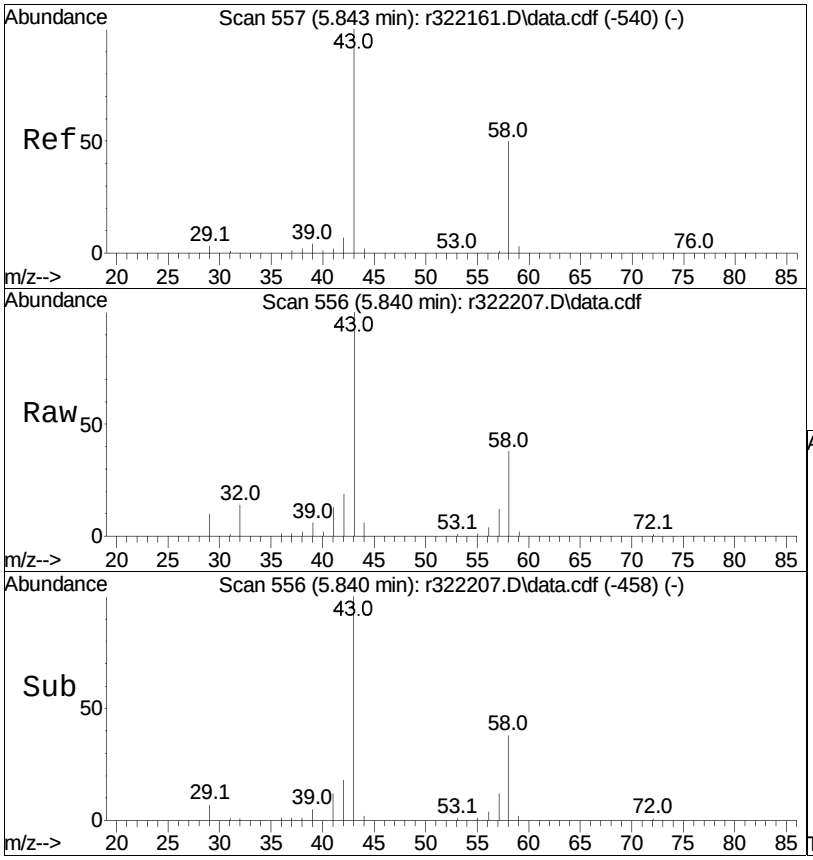


#15
ethanol
Concen: 7.59 ppbV
RT: 5.260 min Scan# 382
Delta R.T. -0.013 min
Lab File: r322207.D
Acq: 19 May 2022 12:26 AM

Tgt Ion: 31 Resp: 124764

Ion	Ratio	Lower	Upper
31	100		
45	48.2	37.6	56.4

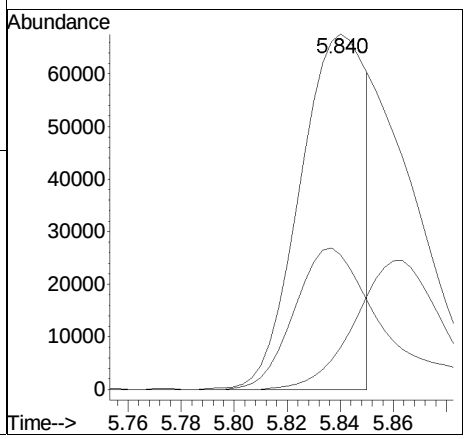


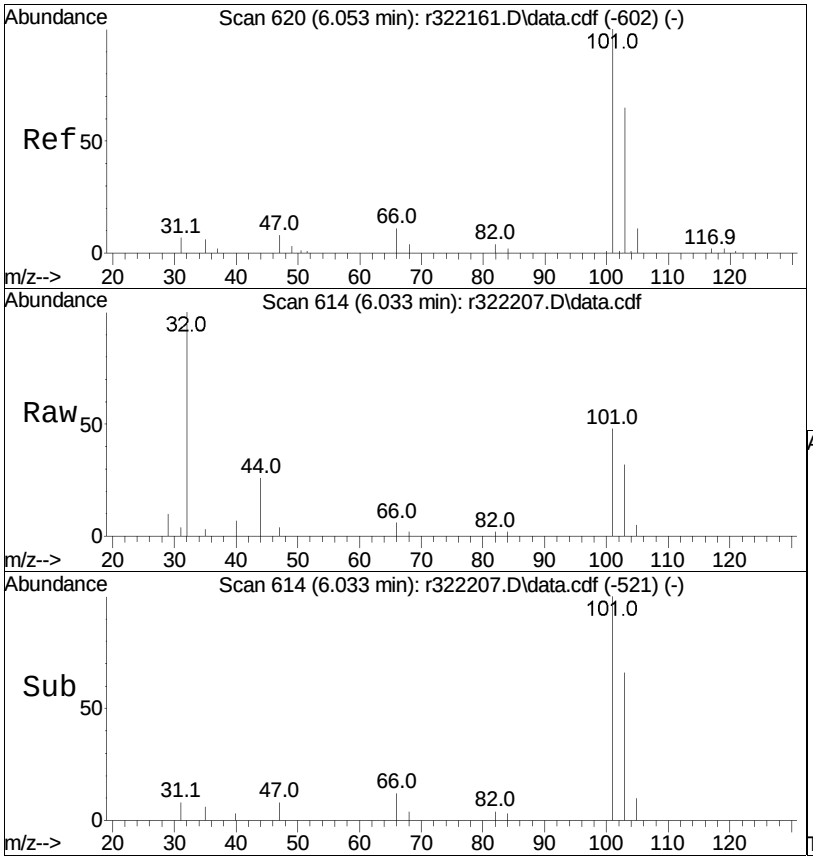


#19
acetone
Concen: 4.93 ppbV m
RT: 5.840 min Scan# 556
Delta R.T. -0.003 min
Lab File: r322207.D
Acq: 19 May 2022 12:26 AM

Tgt Ion: 43 Resp: 115434

Ion	Ratio	Lower	Upper
43	100		
58	37.9	39.8	59.8#
57	11.7	1.0	1.6#

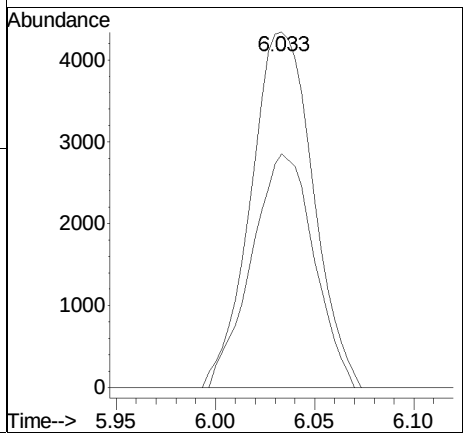


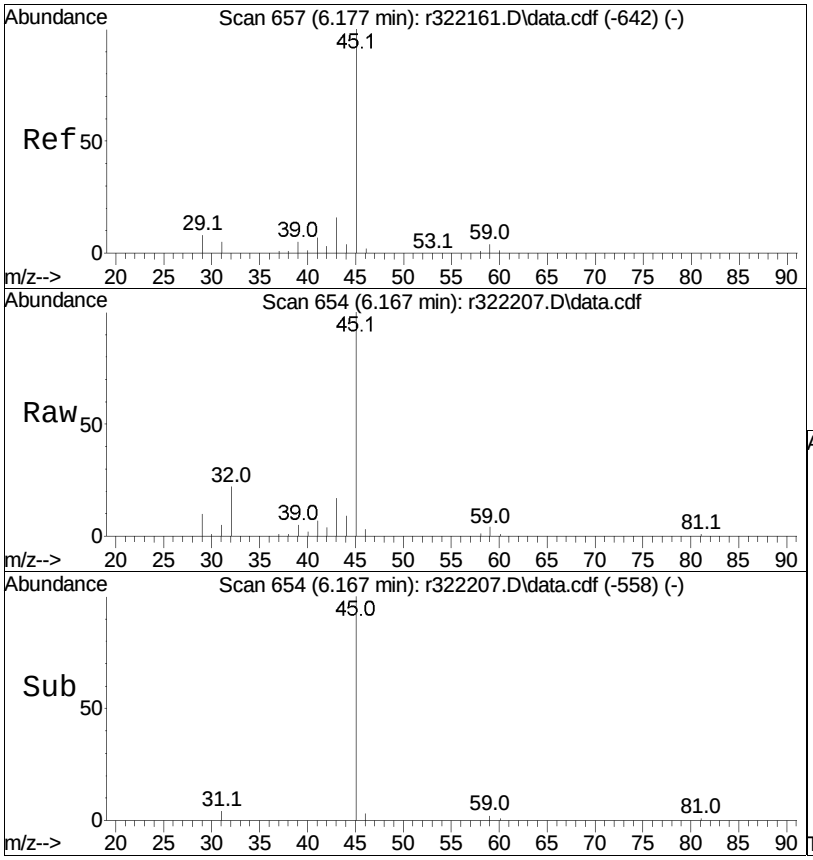


#21
trichlorofluoromethane
Concen: 0.31 ppbV
RT: 6.033 min Scan# 614
Delta R.T. -0.020 min
Lab File: r322207.D
Acq: 19 May 2022 12:26 AM

Tgt Ion:101 Resp: 9490

Ion	Ratio	Lower	Upper
101	100		
103	65.8	51.8	77.6

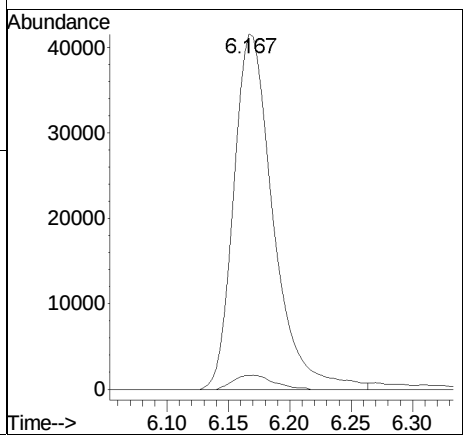


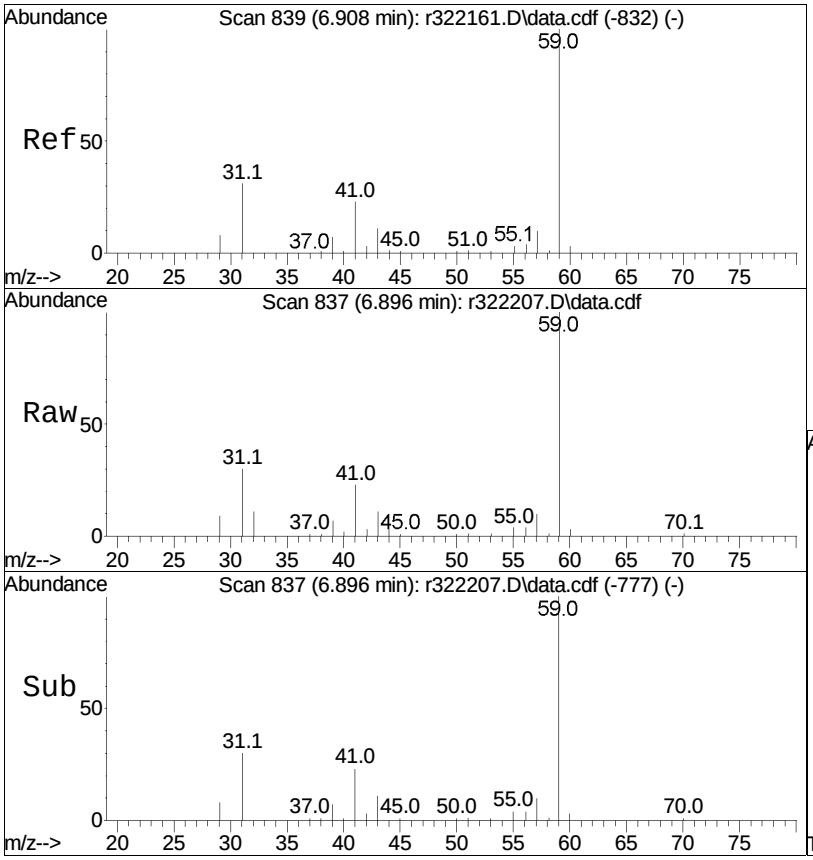


#22
isopropyl alcohol
Concen: 3.31 ppbV
RT: 6.167 min Scan# 654
Delta R.T. -0.010 min
Lab File: r322207.D
Acq: 19 May 2022 12:26 AM

Tgt Ion: 45 Resp: 93185

Ion	Ratio	Lower	Upper
45	100		
59	3.9	3.5	5.3

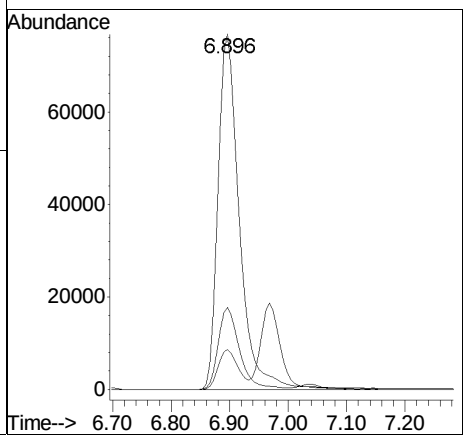


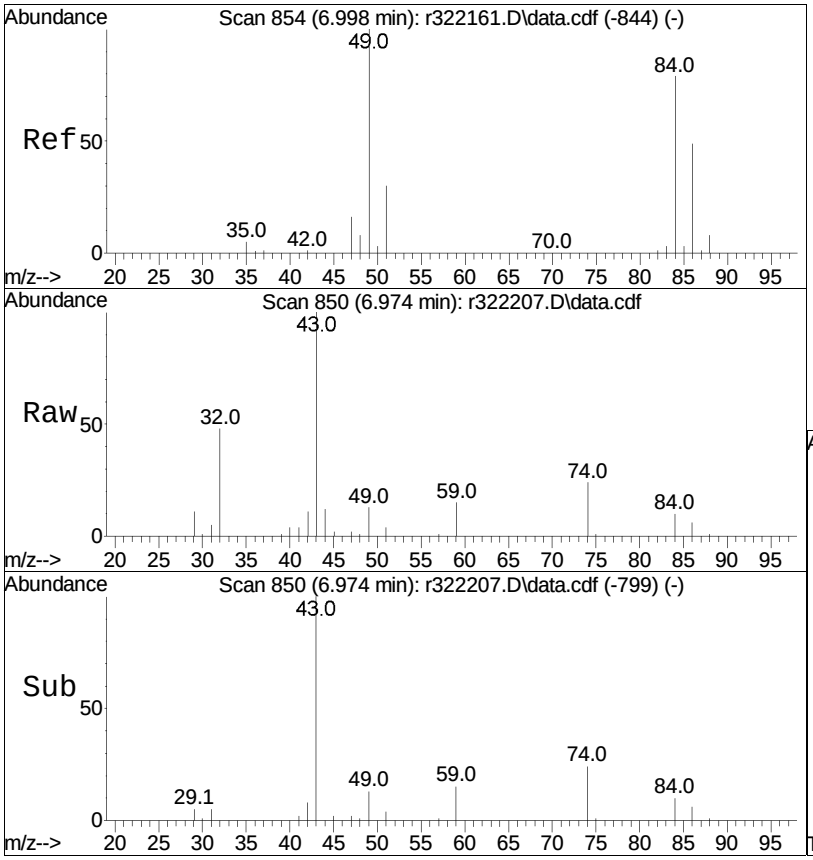


#27
tertiary butyl alcohol
Concen: 5.59 ppbV
RT: 6.896 min Scan# 837
Delta R.T. -0.012 min
Lab File: r322207.D
Acq: 19 May 2022 12:26 AM

Tgt Ion: 59 Resp: 196058

Ion	Ratio	Lower	Upper
59	100		
41	23.1	18.2	27.2
43	11.2	8.9	13.3

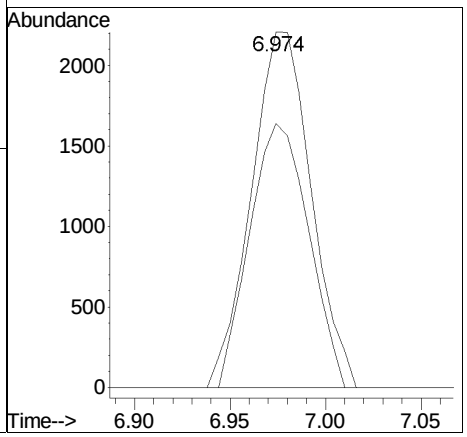


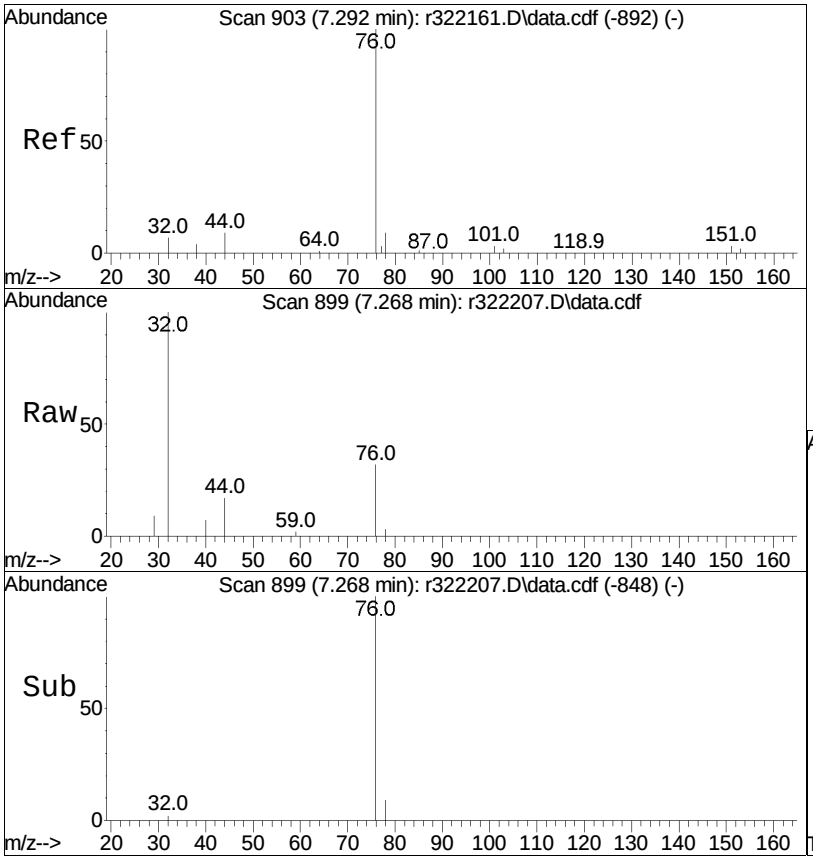


#28
methylene chloride
Concen: 0.18 ppbV
RT: 6.974 min Scan# 850
Delta R.T. -0.024 min
Lab File: r322207.D
Acq: 19 May 2022 12:26 AM

Tgt Ion: 49 Resp: 4821

Ion	Ratio	Lower	Upper
49	100		
84	74.3	63.0	94.6

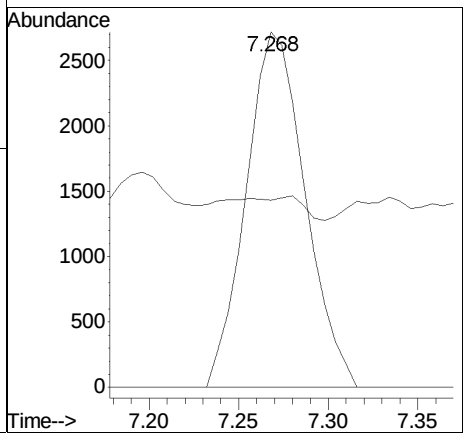


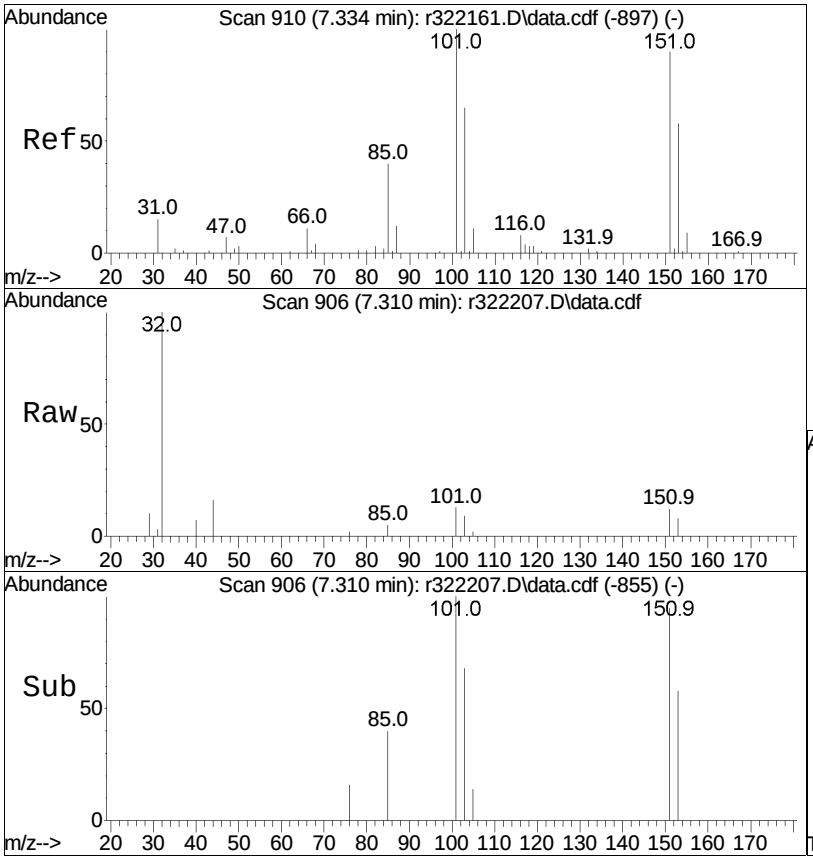


#30
carbon disulfide
Concen: 0.10 ppbV
RT: 7.268 min Scan# 899
Delta R.T. -0.024 min
Lab File: r322207.D
Acq: 19 May 2022 12:26 AM

Tgt Ion: 76 Resp: 6219

Ion	Ratio	Lower	Upper
76	100		
44	52.7	7.6	11.4#

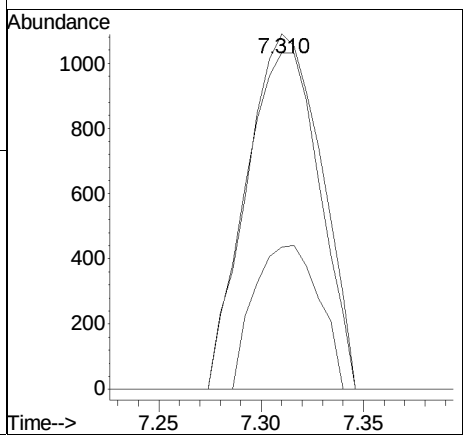


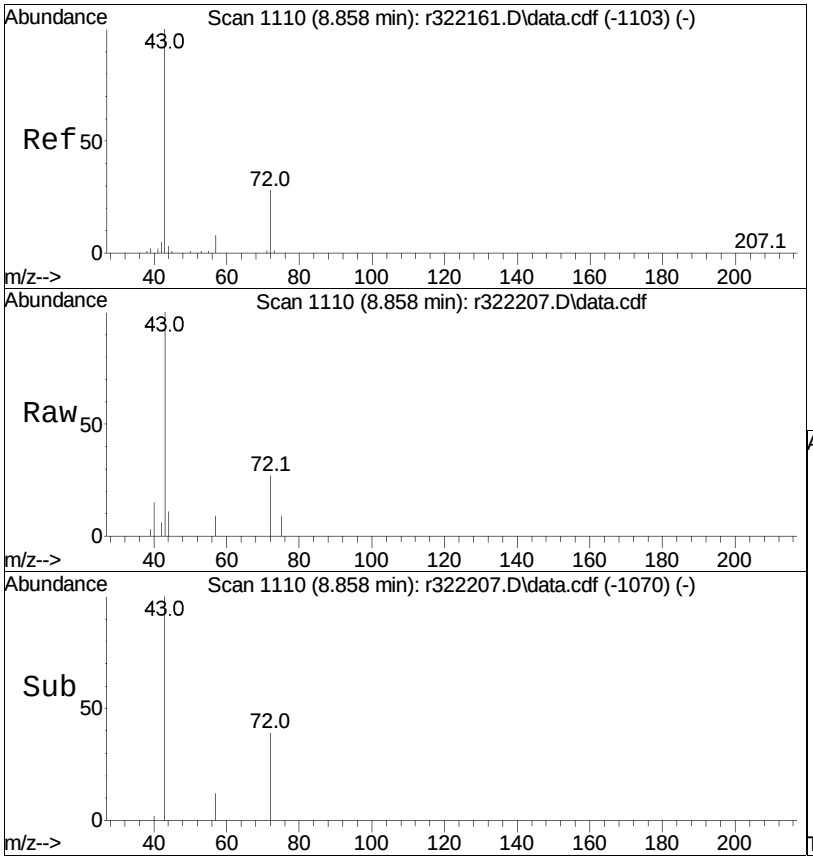


#31
Freon 113
Concen: 0.08 ppbV
RT: 7.310 min Scan# 906
Delta R.T. -0.024 min
Lab File: r322207.D
Acq: 19 May 2022 12:26 AM

Tgt Ion:101 Resp: 2754

Ion	Ratio	Lower	Upper
101	100		
85	40.0	31.8	47.8
151	94.8	72.2	108.4

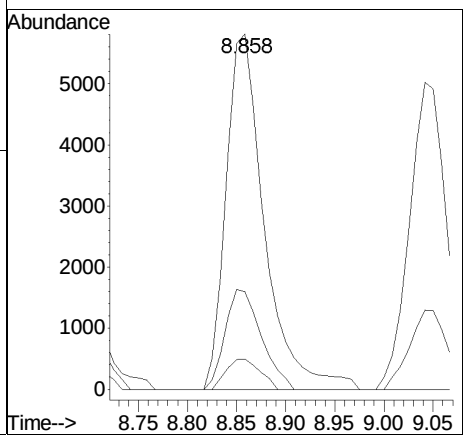


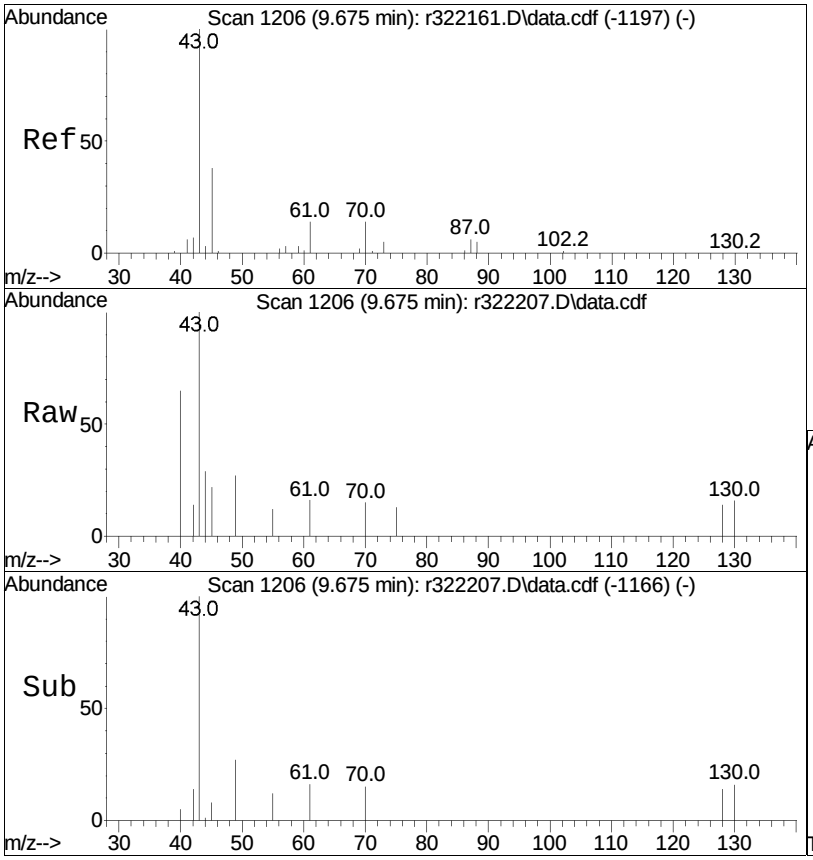


#36
2-butanone
Concen: 0.37 ppbV
RT: 8.858 min Scan# 1110
Delta R.T. 0.000 min
Lab File: r322207.D
Acq: 19 May 2022 12:26 AM

Tgt Ion: 43 Resp: 15792

Ion	Ratio	Lower	Upper
43	100		
72	27.5	22.6	33.8
57	8.6	6.6	10.0

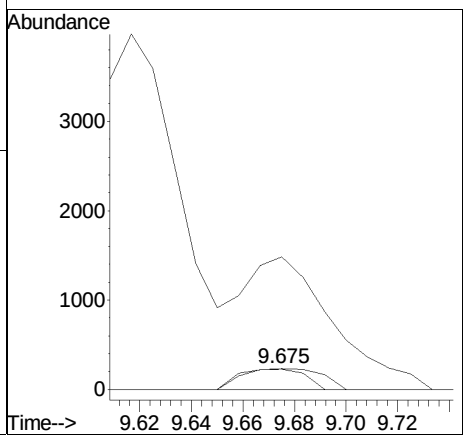


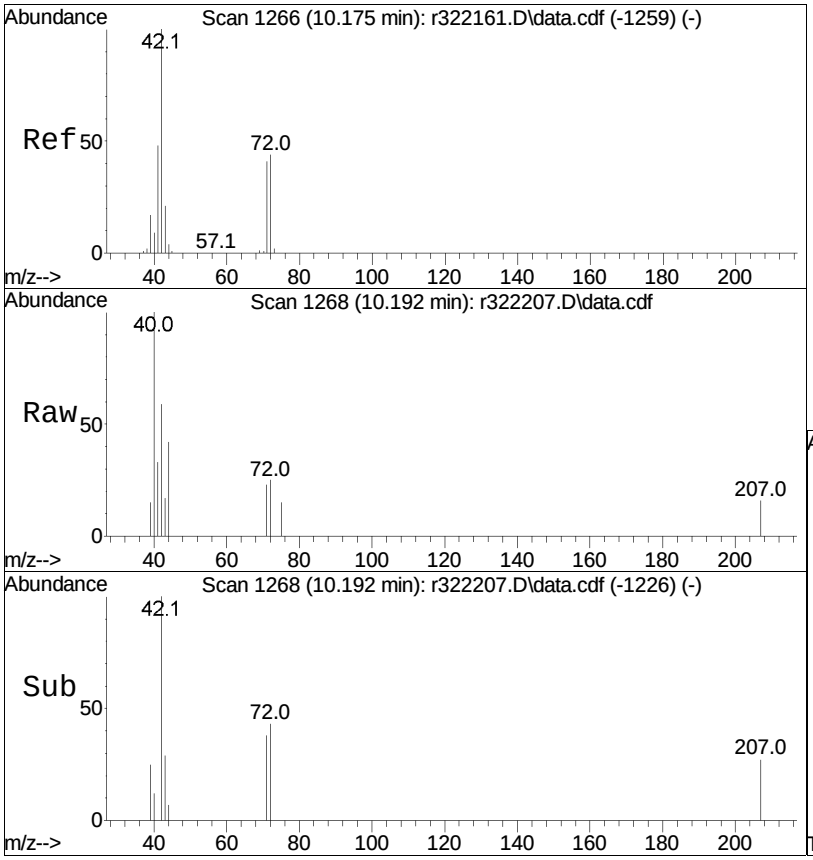


#38
Ethyl Acetate
Concen: 0.07 ppbV
RT: 9.675 min Scan# 1206
Delta R.T. 0.000 min
Lab File: r322207.D
Acq: 19 May 2022 12:26 AM

Tgt Ion: 61 Resp: 512

Ion	Ratio	Lower	Upper
61	100		
70	97.0	78.8	118.2
43	636.9	593.4	890.0

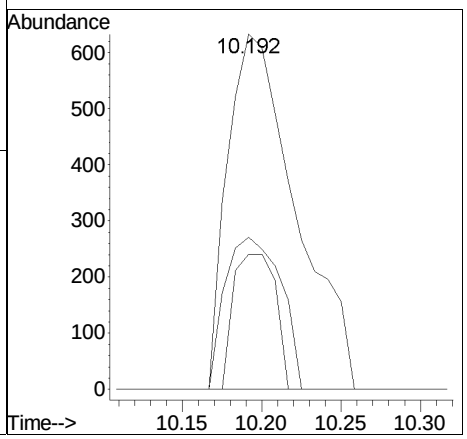


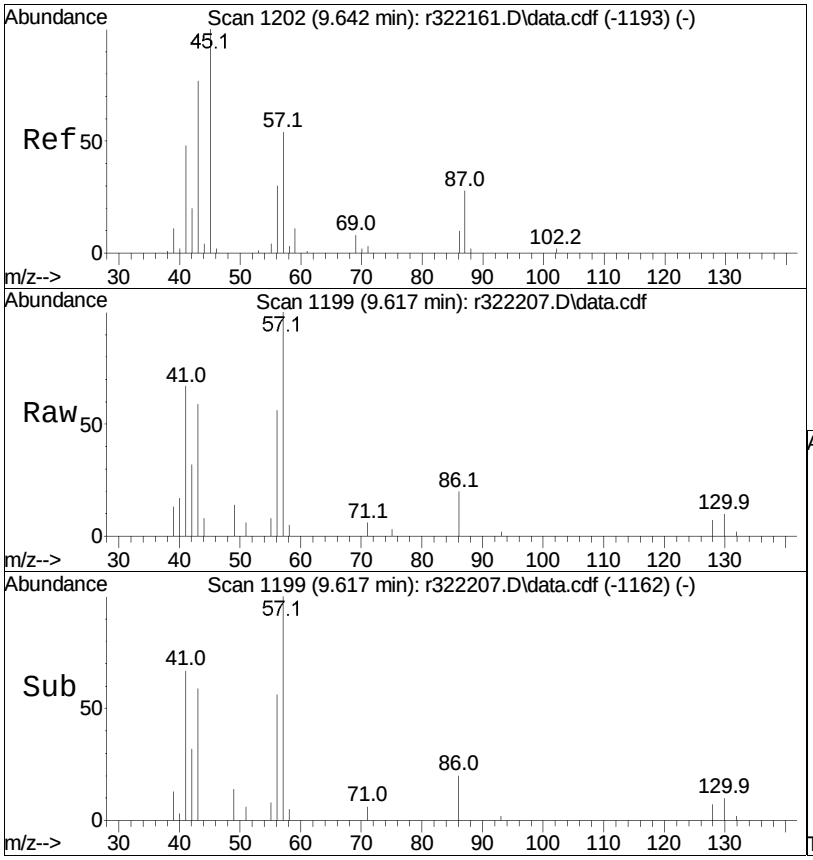


#40
Tetrahydrofuran
Concen: 0.08 ppbV
RT: 10.192 min Scan# 1268
Delta R.T. 0.017 min
Lab File: r322207.D
Acq: 19 May 2022 12:26 AM

Tgt Ion: 42 Resp: 1895

Ion	Ratio	Lower	Upper
42	100		
71	38.1	32.4	48.6
72	42.8	35.2	52.8

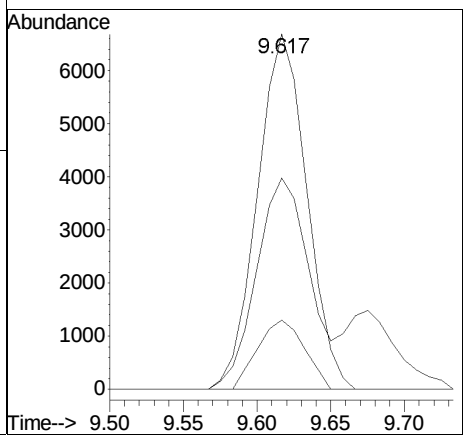


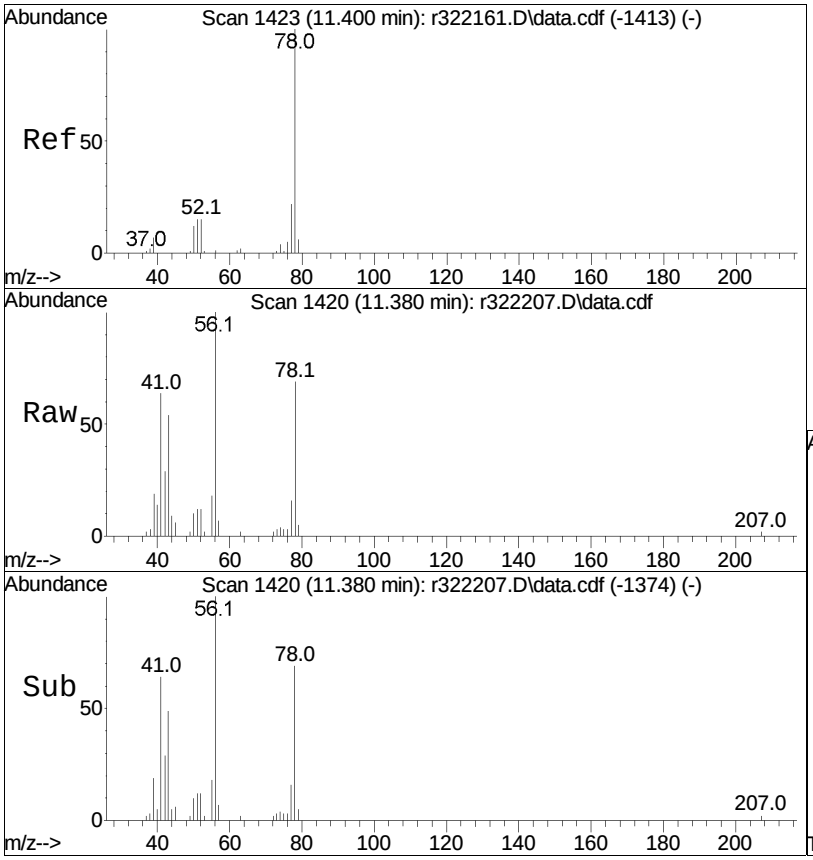


#44
hexane
Concen: 0.43 ppbV
RT: 9.617 min Scan# 1199
Delta R.T. -0.025 min
Lab File: r322207.D
Acq: 19 May 2022 12:26 AM

Tgt Ion: 57 Resp: 15568

Ion	Ratio	Lower	Upper
57	100		
43	59.5	115.0	172.6#
86	19.5	15.5	23.3

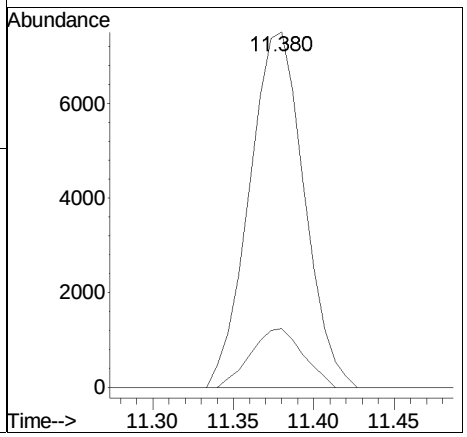


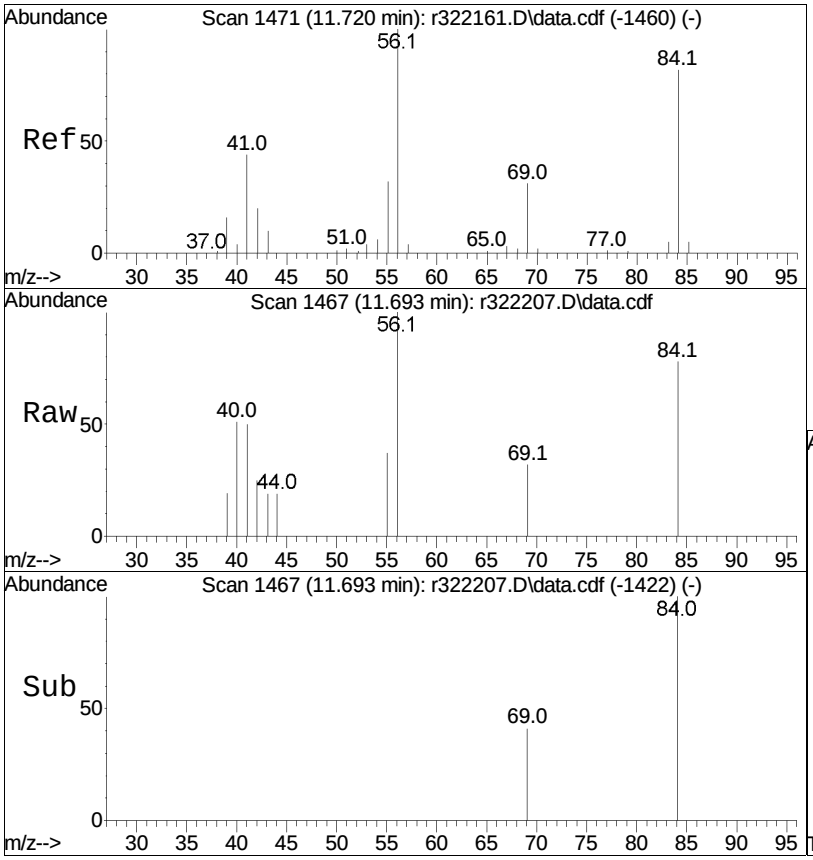


#50
benzene
Concen: 0.24 ppbV
RT: 11.380 min Scan# 1420
Delta R.T. -0.020 min
Lab File: r322207.D
Acq: 19 May 2022 12:26 AM

Tgt Ion: 78 Resp: 17751

Ion	Ratio	Lower	Upper
78	100		
52	16.6	12.2	18.2

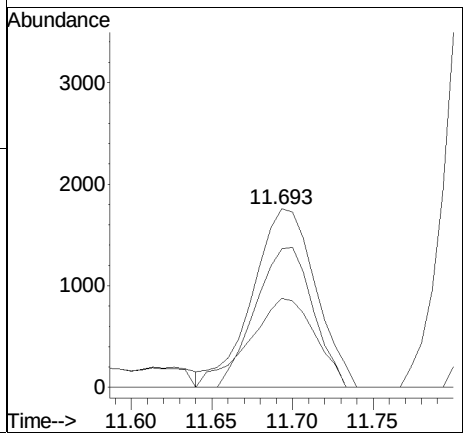


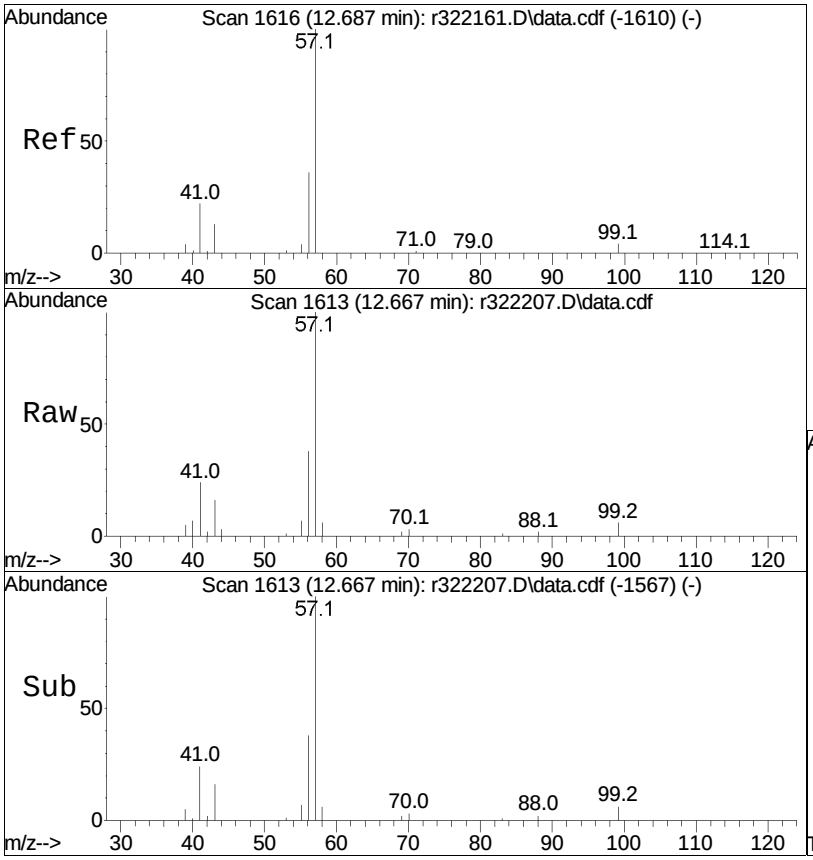


#53
cyclohexane
Concen: 0.13 ppbV
RT: 11.693 min Scan# 1467
Delta R.T. -0.027 min
Lab File: r322207.D
Acq: 19 May 2022 12:26 AM

Tgt Ion: 56 Resp: 4810

Ion	Ratio	Lower	Upper
56	100		
84	77.5	65.4	98.0
41	49.9	35.4	53.2

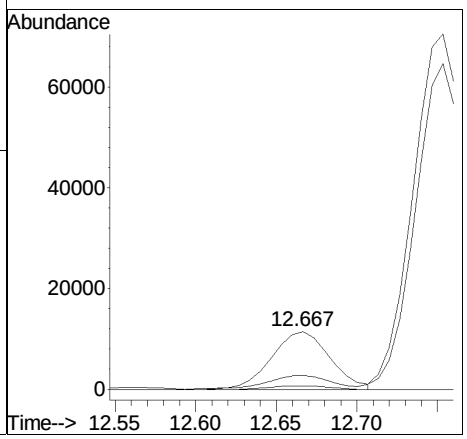


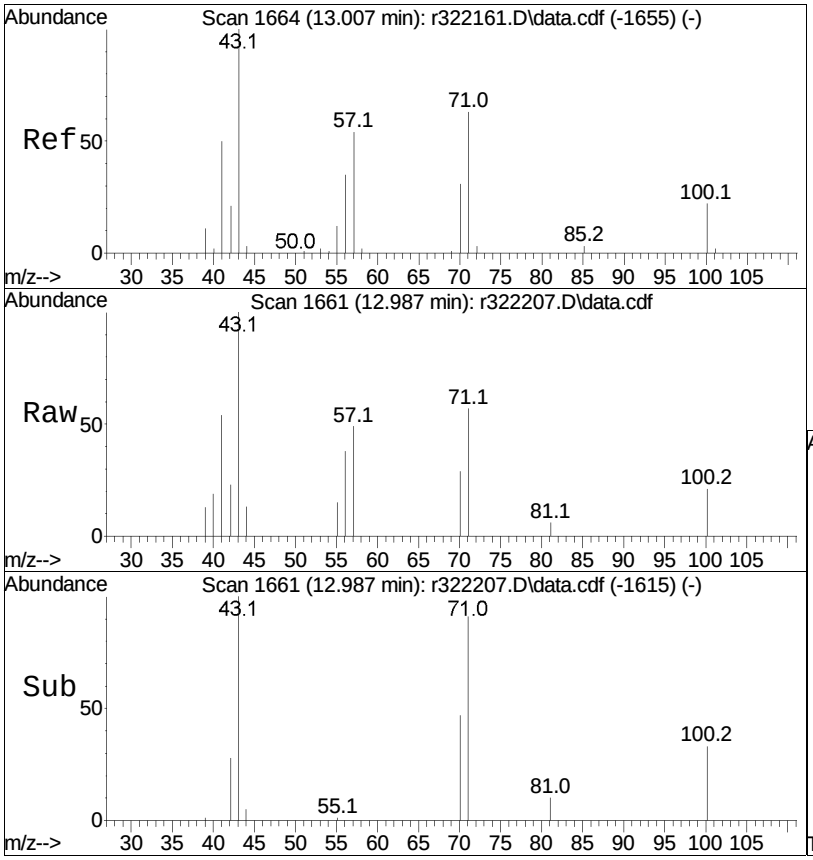


#60
2,2,4-trimethylpentane
Concen: 0.26 ppbV
RT: 12.667 min Scan# 1613
Delta R.T. -0.020 min
Lab File: r322207.D
Acq: 19 May 2022 12:26 AM

Tgt Ion: 57 Resp: 28881

Ion	Ratio	Lower	Upper
57	100		
99	6.3	5.0	7.4
41	24.2	17.4	26.2

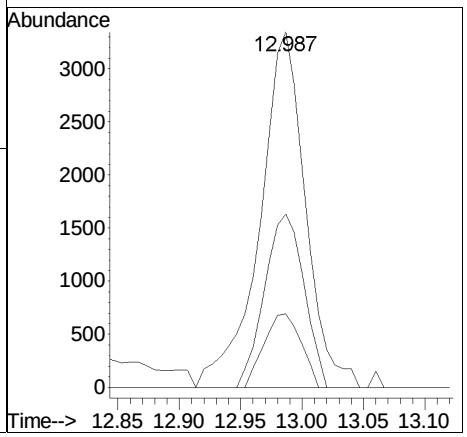


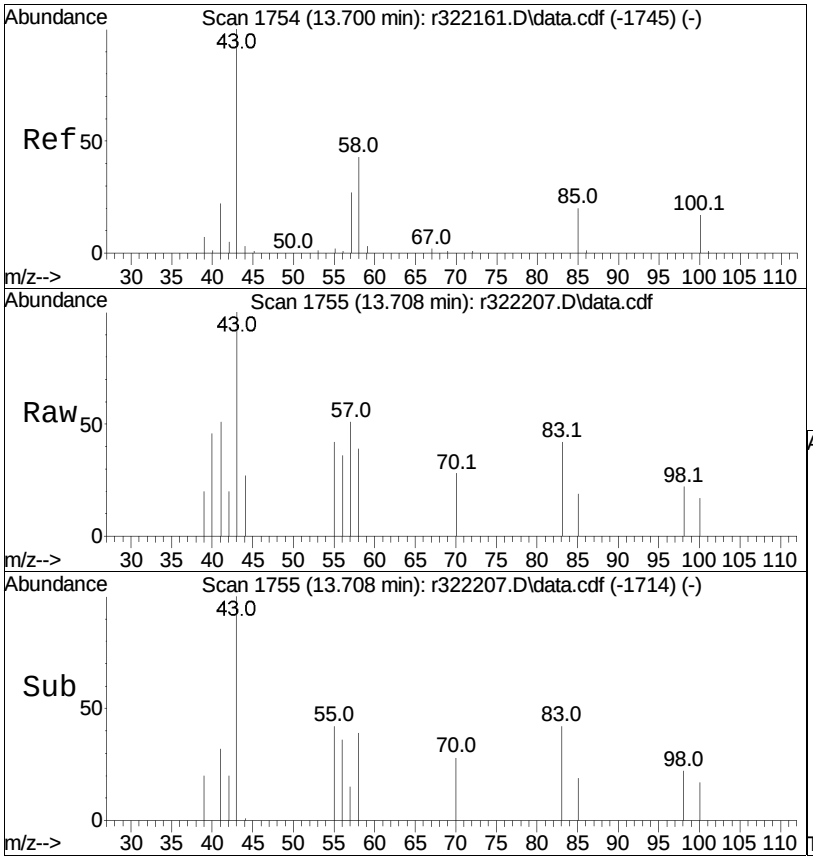


#62
heptane
Concen: 0.21 ppbV
RT: 12.987 min Scan# 1661
Delta R.T. -0.020 min
Lab File: r322207.D
Acq: 19 May 2022 12:26 AM

Tgt Ion: 43 Resp: 8649

Ion	Ratio	Lower	Upper
43	100		
57	48.8	43.0	64.4
100	20.7	17.6	26.4

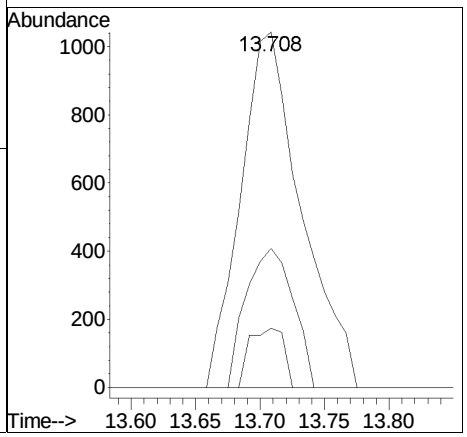


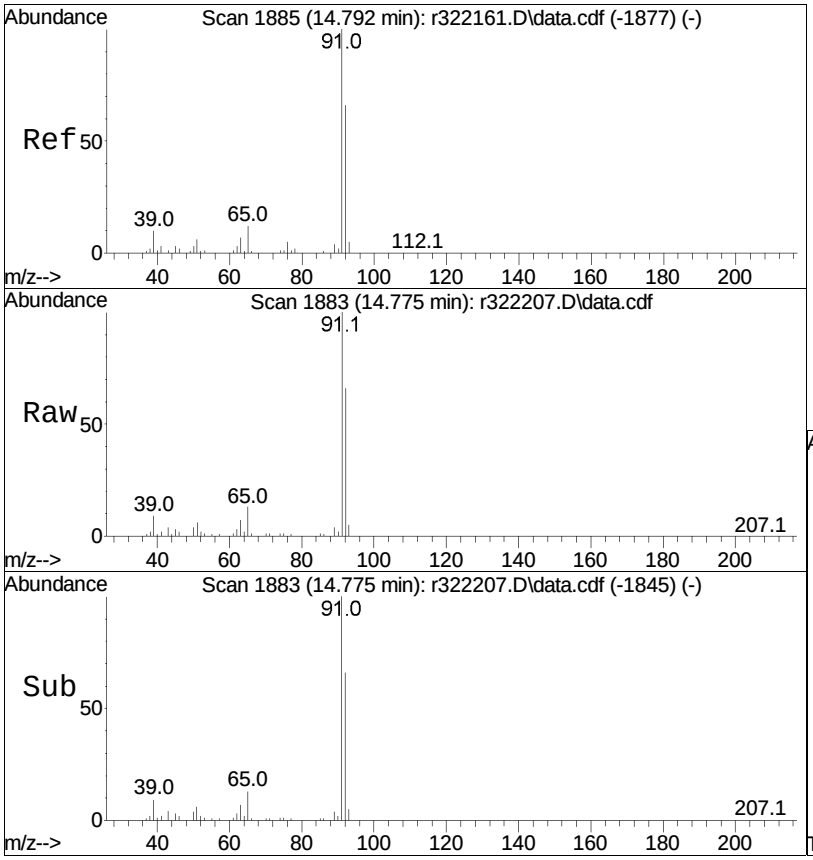


#64
4-methyl-2-pentanone
Concen: 0.07 ppbV
RT: 13.708 min Scan# 1755
Delta R.T. 0.008 min
Lab File: r322207.D
Acq: 19 May 2022 12:26 AM

Tgt Ion: 43 Resp: 3426

Ion	Ratio	Lower	Upper
43	100		
58	39.1	34.3	51.5
100	16.7	13.8	20.6

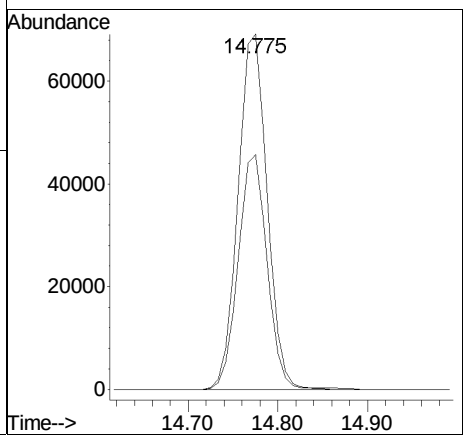


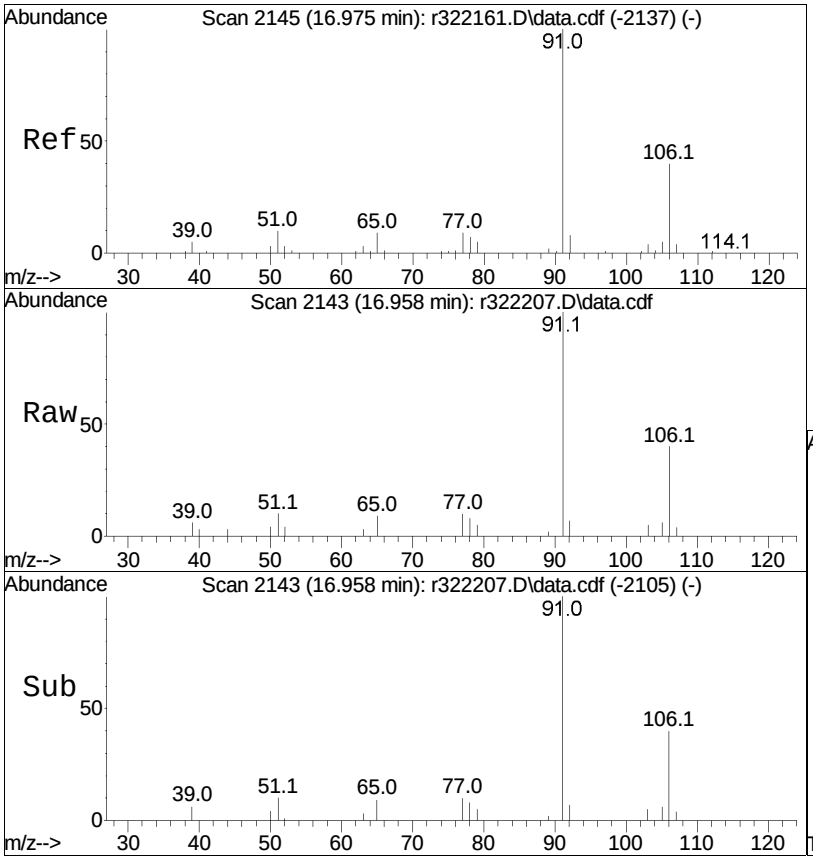


#68
toluene
Concen: 2.10 ppbV
RT: 14.775 min Scan# 1883
Delta R.T. -0.017 min
Lab File: r322207.D
Acq: 19 May 2022 12:26 AM

Tgt Ion: 91 Resp: 156126

Ion	Ratio	Lower	Upper
91	100		
92	66.0	52.7	79.1

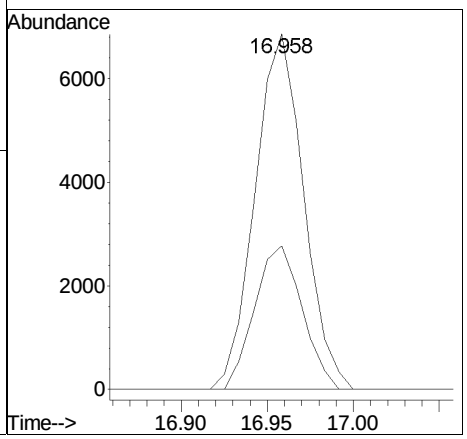


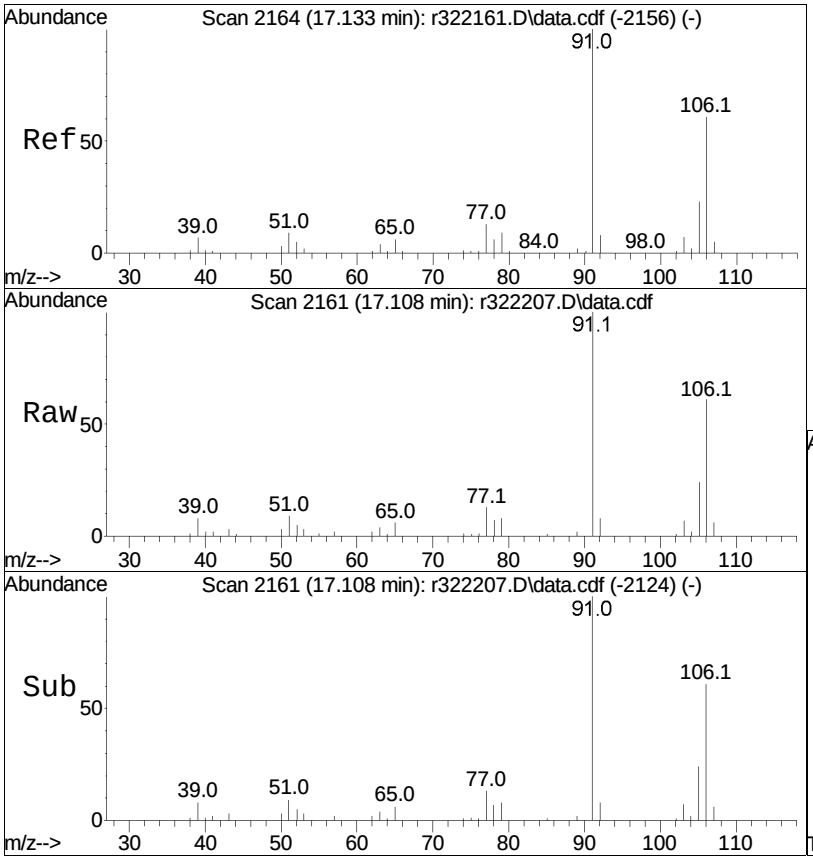


#81
ethylbenzene
Concen: 0.15 ppbV
RT: 16.958 min Scan# 2143
Delta R.T. -0.017 min
Lab File: r322207.D
Acq: 19 May 2022 12:26 AM

Tgt Ion: 91 Resp: 13510

Ion	Ratio	Lower	Upper
91	100		
106	40.4	32.4	48.6

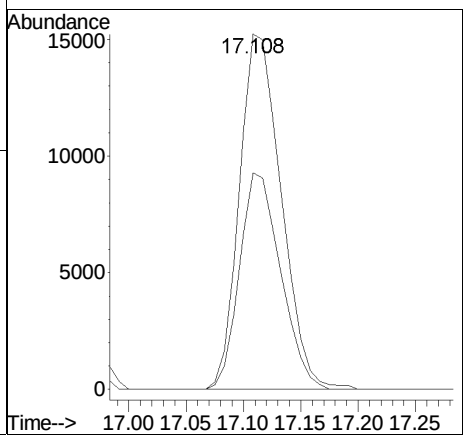


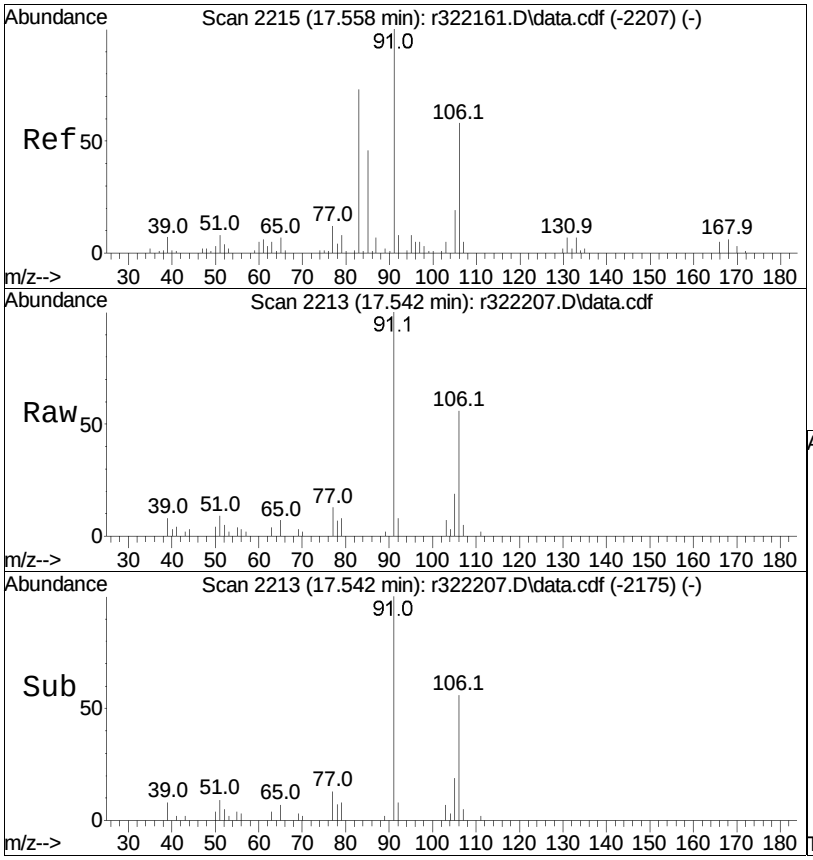


#83
m+p-xylene
Concen: 0.53 ppbV
RT: 17.108 min Scan# 2161
Delta R.T. -0.025 min
Lab File: r322207.D
Acq: 19 May 2022 12:26 AM

Tgt Ion: 91 Resp: 38694

Ion	Ratio	Lower	Upper
91	100		
106	60.9	48.4	72.6

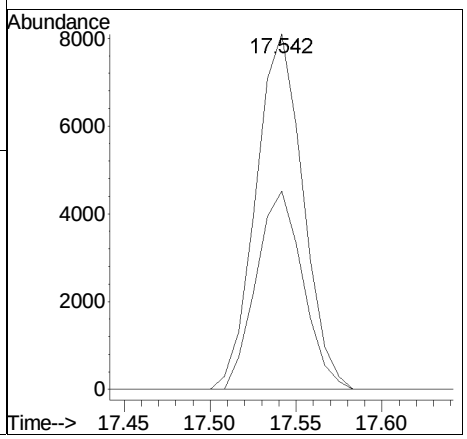


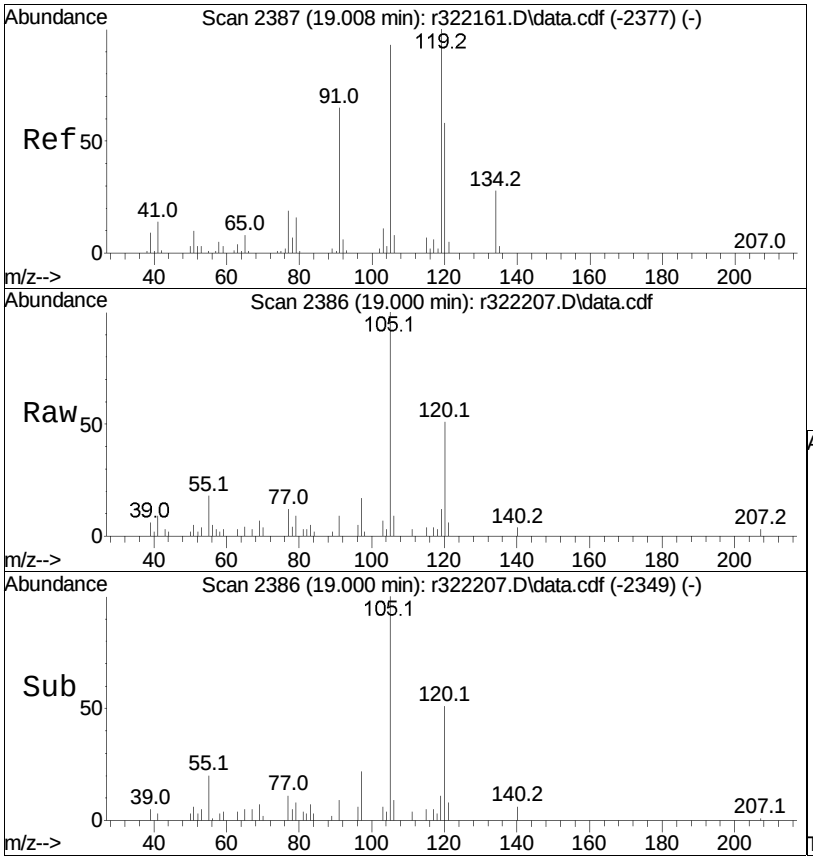


#87
o-xylene
Concen: 0.21 ppbV
RT: 17.542 min Scan# 2213
Delta R.T. -0.017 min
Lab File: r322207.D
Acq: 19 May 2022 12:26 AM

Tgt Ion: 91 Resp: 15448

Ion	Ratio	Lower	Upper
91	100		
106	55.8	46.4	69.6

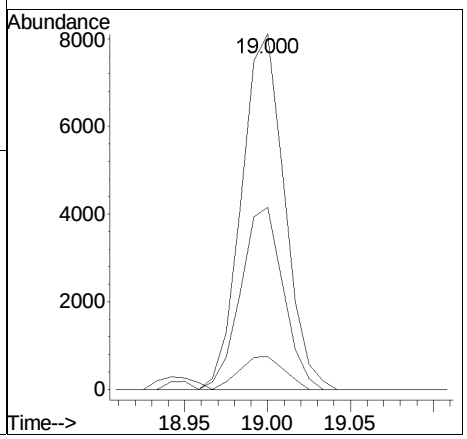




#99
1,2,4-trimethylbenzene
Concen: 0.16 ppbV m
RT: 19.000 min Scan# 2386
Delta R.T. -0.008 min
Lab File: r322207.D
Acq: 19 May 2022 12:26 AM

Tgt Ion:105 Resp: 14609

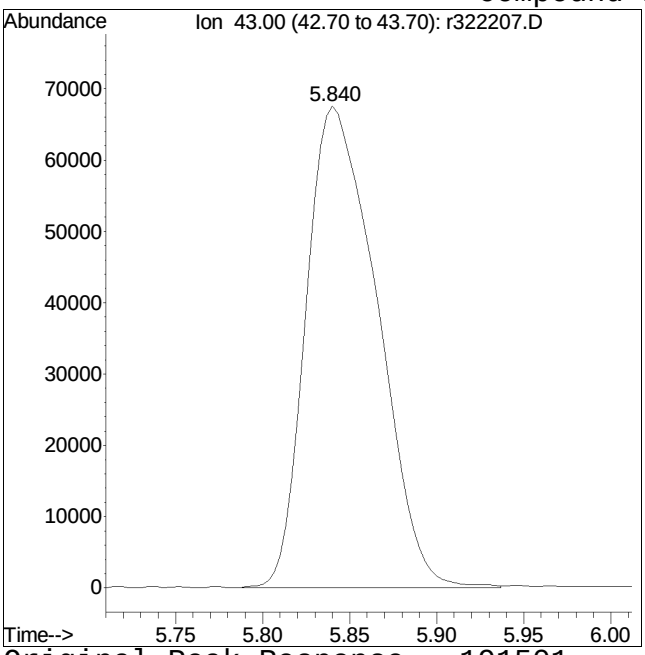
Ion	Ratio	Lower	Upper
105	100		
120	51.2	49.4	74.2
91	9.3	55.8	83.8#



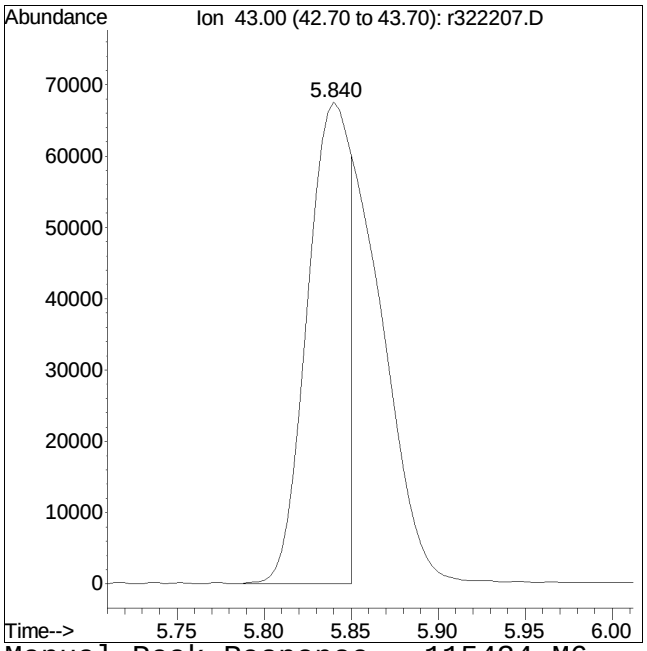
Manual Integration Report

Data Path : O:\Forensics\Data\AirpianoQMethod : TFS3_220516.M
Data File : r322207.D Operator : AIRPIANO3:TS
Date Inj'd : 5/19/2020 0:2: 6 Instrument :
Sample : WG1640147-5,3,250,250 Quant Date : 5/19/2022 8:50 am

Compound #19: acetone



Original Peak Response = 191501



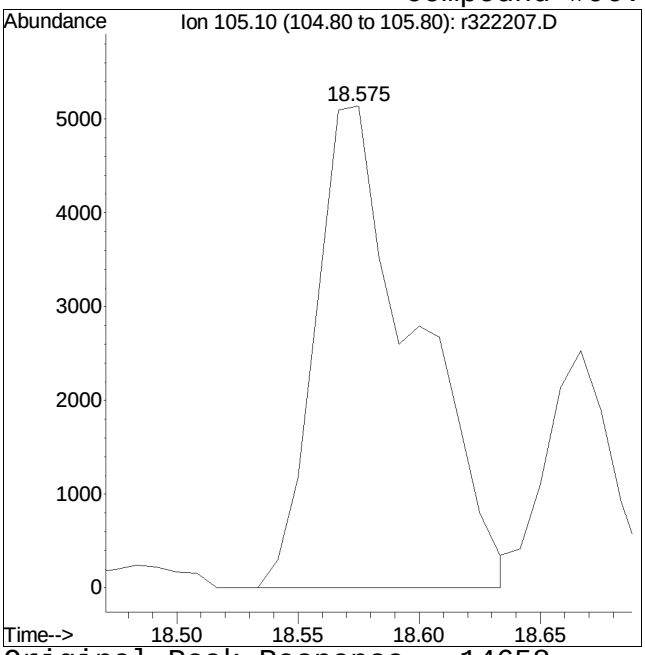
Manual Peak Response = 115434 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

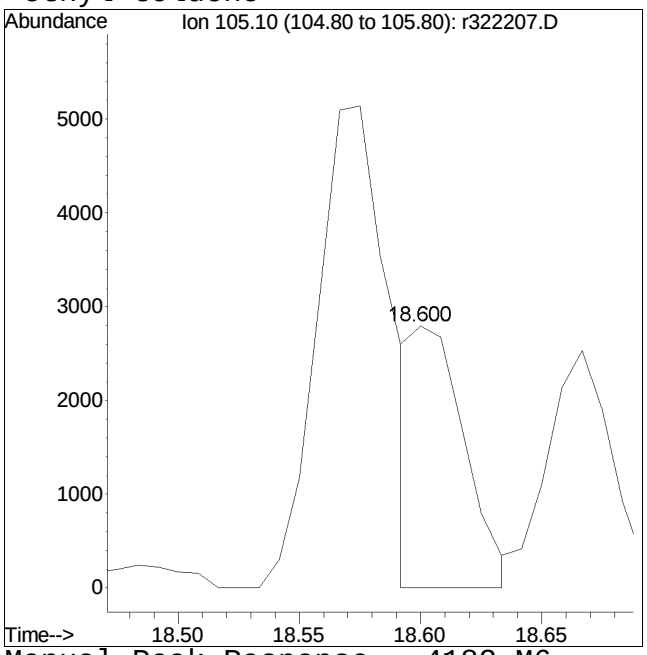
Manual Integration Report

Data Path : O:\Forensics\Data\AirpianoQMethod : TFS3_220516.M
Data File : r322207.D Operator : AIRPIANO3:TS
Date Inj'd : 5/19/2020 0:2: 6 Instrument :
Sample : WG1640147-5,3,250,250 Quant Date : 5/19/2022 8:50 am

Compound #96: 4-ethyl toluene



Original Peak Response = 14658



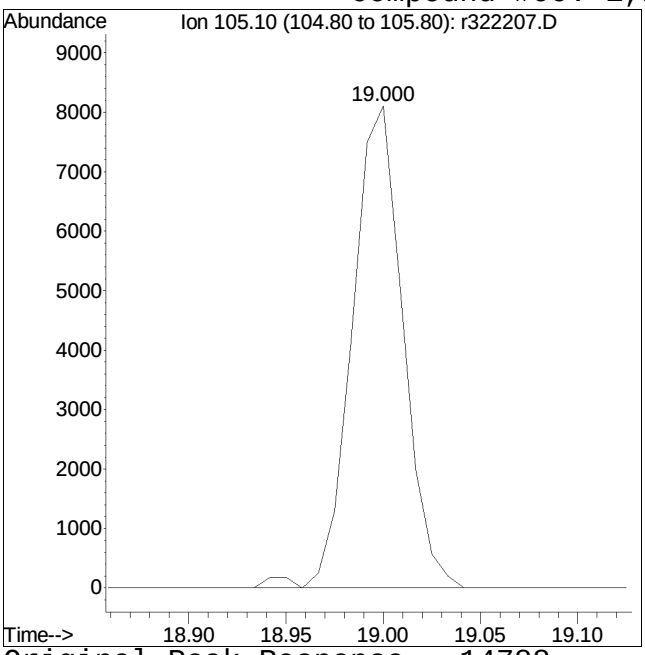
Manual Peak Response = 4182 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

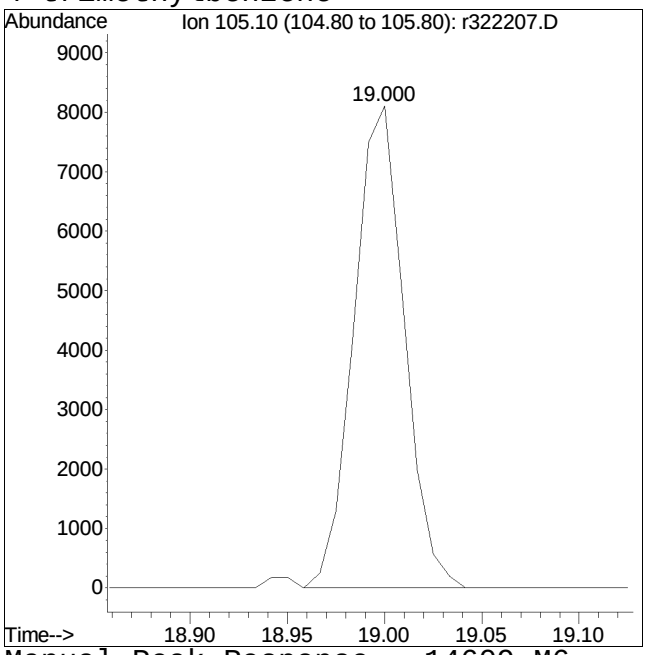
Manual Integration Report

Data Path : O:\Forensics\Data\AirpianoQMethod : TFS3_220516.M
Data File : r322207.D Operator : AIRPIANO3:TS
Date Inj'd : 5/19/2020 0:2: 6 Instrument :
Sample : WG1640147-5,3,250,250 Quant Date : 5/19/2022 8:50 am

Compound #99: 1,2,4-trimethylbenzene



Original Peak Response = 14788



Manual Peak Response = 14609 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0519T\
Data File : r322233.D
Acq On : 19 May 2022 9:34 PM
Operator : AIRPIANO3:TS
Sample : WG1640711-5,3,250,250
Misc : WG1640711,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 20 13:27:27 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0519T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0519T\r322225.D
Sub List : TO15-NY - .

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) bromochloromethane	9.550	49	497404	10.000	ppbV		-0.02
Standard Area = 440035			Recovery = 113.04%				
43) 1,4-difluorobenzene	11.820	114	1522511	10.000	ppbV		-0.02
Standard Area = 1334123			Recovery = 114.12%				
67) chlorobenzene-D5	16.567	54	242032	10.000	ppbV		-0.02
Standard Area = 210666			Recovery = 114.89%				
System Monitoring Compounds							
Target Compounds							Qvalue
5) dichlorodifluoromethane	3.946	85	22610	0.578	ppbV		99
6) chloromethane	4.126	50	1799	0.096	ppbV		91
7) Freon-114	4.252		0	N.D.			
9) vinyl chloride	4.378	62	5878	0.242	ppbV		96
10) 1,3-butadiene	4.546	54	1191	0.061	ppbV		98
13) bromomethane	0.000		0	N.D.			
14) chloroethane	0.000		0	N.D.			
15) ethanol	5.287	31	9829584	514.369	ppbV	#	85
17) vinyl bromide	0.000		0	N.D.			
19) acetone	5.843	43	24545678	900.785	ppbV	#	74
21) trichlorofluoromethane	6.033	101	14679	0.413	ppbV		99
22) isopropyl alcohol	6.170	45	3366694	102.677	ppbV		99
26) 1,1-dichloroethene	0.000		0	N.D.	d		
27) tertiary butyl alcohol	6.896	59	1784083	43.731	ppbV		96
28) methylene chloride	6.986	49	11114	0.358	ppbV		95
29) 3-chloropropene	0.000		0	N.D.			
30) carbon disulfide	7.274	76	866544	12.184	ppbV		99
31) Freon 113	7.310	101	3064	0.077	ppbV		97
32) trans-1,2-dichloroethene	0.000		0	N.D.			
33) 1,1-dichloroethane	8.442		0	N.D.			
34) MTBE	0.000		0	N.D.	d		
36) 2-butanone	8.833	43	2220059	44.807	ppbV		99
37) cis-1,2-dichloroethene	0.000		0	N.D.	d		
38) Ethyl Acetate	9.683	61	751M6	0.093	ppbV		
39) chloroform	9.708	83	4068	0.104	ppbV	#	96
40) Tetrahydrofuran	10.150	42	334917	11.710	ppbV		99
42) 1,2-dichloroethane	0.000		0	N.D.			

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0519T\
Data File : r322233.D
Acq On : 19 May 2022 9:34 PM
Operator : AIRPIANO3:TS
Sample : WG1640711-5,3,250,250
Misc : WG1640711,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 20 13:27:27 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0519T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0519T\r322225.D
Sub List : TO15-NY - .

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	hexane	9.617	57	66622	1.535	ppbV	#	40
48)	1,1,1-trichloroethane	10.850		0	N.D.			
50)	benzene	11.387	78	44483	0.499	ppbV		94
52)	carbon tetrachloride	11.560		0	N.D.			
53)	cyclohexane	11.700	56	66959	1.483	ppbV	#	29
56)	1,2-dichloropropane	0.000		0	N.D.			
57)	bromodichloromethane	0.000		0	N.D.	d		
58)	1,4-dioxane	12.613	88	146573	8.051	ppbV		99
59)	trichloroethene	12.627		0	N.D.			
60)	2,2,4-trimethylpentane	12.667	57	121520	0.906	ppbV		96
62)	heptane	12.993	43	105279	2.105	ppbV		98
63)	cis-1,3-dichloropropene	13.658		0	N.D.			
64)	4-methyl-2-pentanone	13.675	43	479073	8.360	ppbV		97
65)	trans-1,3-dichloropropene	0.000		0	N.D.	d		
66)	1,1,2-trichloroethane	14.550		0	N.D.			
68)	toluene	14.775	91	1125565	12.379	ppbV		99
72)	2-hexanone	15.067	43	165744	3.029	ppbV		97
74)	dibromochloromethane	0.000		0	N.D.			
75)	1,2-dibromoethane	0.000		0	N.D.			
78)	tetrachloroethene	15.950	166	325701	7.394	ppbV		98
80)	chlorobenzene	0.000		0	N.D.	d		
81)	ethylbenzene	16.958	91	109589	1.005	ppbV		98
83)	m+p-xylene	17.117	91	342876	3.848	ppbV		98
84)	bromoform	0.000		0	N.D.			
85)	styrene	17.450	104	15376	0.194	ppbV		99
86)	1,1,2,2-tetrachloroethane	17.525		0	N.D.			
87)	o-xylene	17.542	91	149861	1.687	ppbV		98
96)	4-ethyl toluene	18.608	105	103768M6	0.768	ppbV		
97)	1,3,5-trimethylbenzene	18.667	105	164690	1.330	ppbV		98
99)	1,2,4-trimethylbenzene	19.000	105	492720	4.543	ppbV	#	56
101)	Benzyl Chloride	0.000		0	N.D.	d		
102)	1,3-dichlorobenzene	19.125		0	N.D.			
103)	1,4-dichlorobenzene	19.183		0	N.D.			
107)	1,2-dichlorobenzene	0.000		0	N.D.			
115)	1,2,4-trichlorobenzene	20.933		0	N.D.			
119)	hexachlorobutadiene	0.000		0	N.D.			

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0519T\
Data File : r322233.D
Acq On : 19 May 2022 9:34 PM
Operator : AIRPIANO3:TS
Sample : WG1640711-5,3,250,250
Misc : WG1640711,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 20 13:27:27 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0519T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

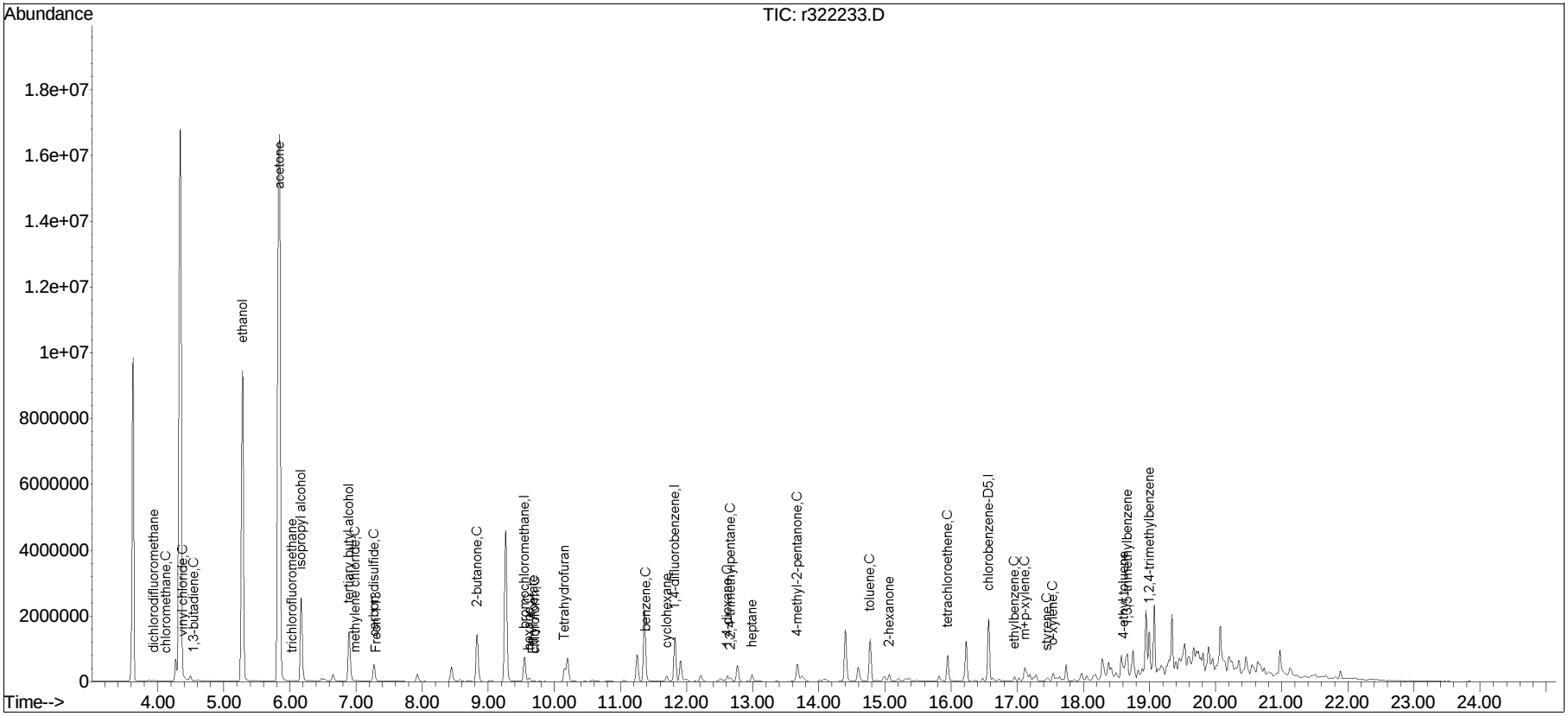
CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0519T\r322225.D
Sub List : TO15-NY - .

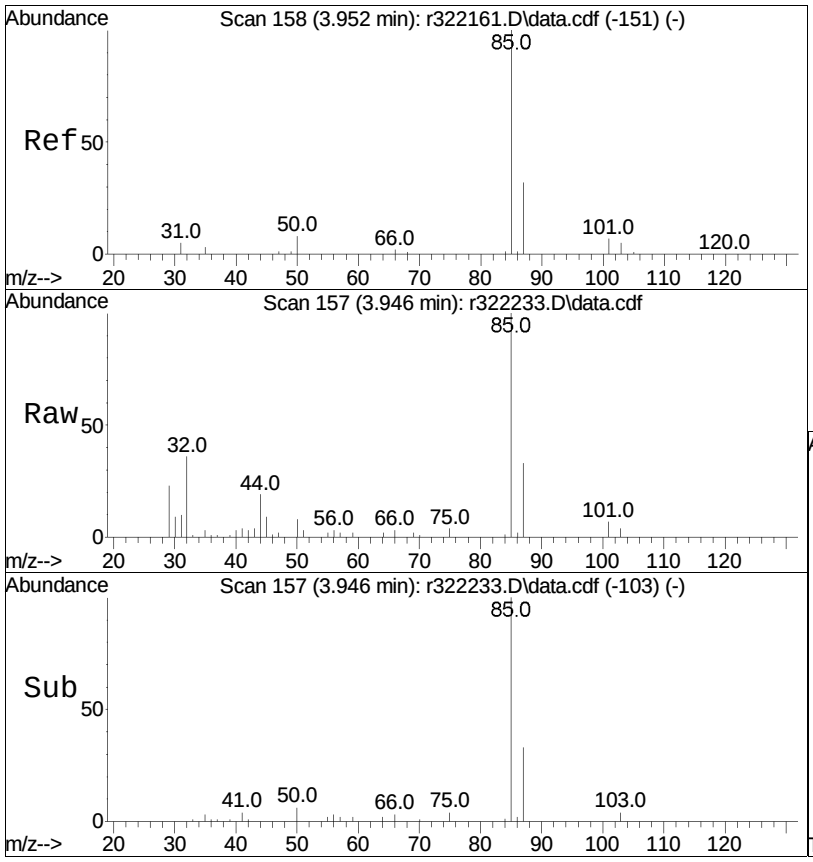
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Sub List : TO15-NY - .s\Data\Airpiano3\2022\05\0519T\r322225.D

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0519T\
Data File : r322233.D
Acq On : 19 May 2022 9:34 PM
Operator : AIRPIANO3:TS
Sample : WG1640711-5,3,250,250
Misc : WG1640711,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 20 13:27:27 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0519T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

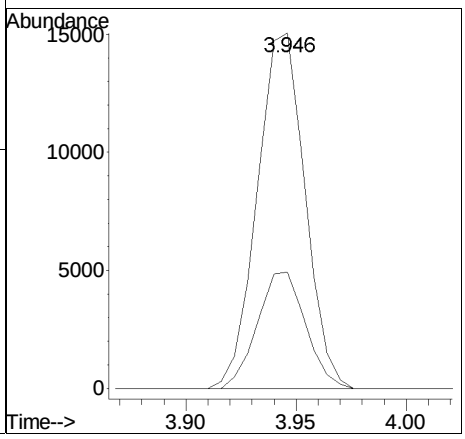


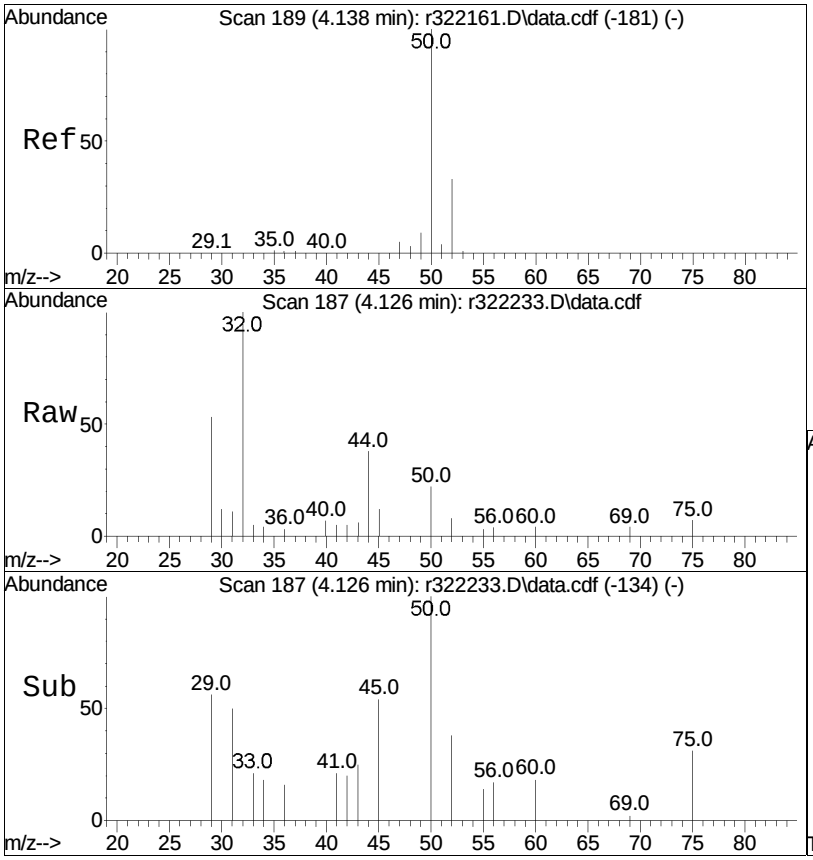


#5
dichlorodifluoromethane
Concen: 0.58 ppbV
RT: 3.946 min Scan# 157
Delta R.T. -0.006 min
Lab File: r322233.D
Acq: 19 May 2022 9:34 PM

Tgt Ion: 85 Resp: 22610

Ion	Ratio	Lower	Upper
85	100		
87	32.7	25.8	38.6

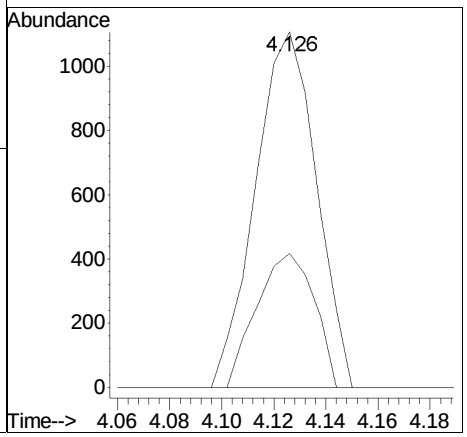


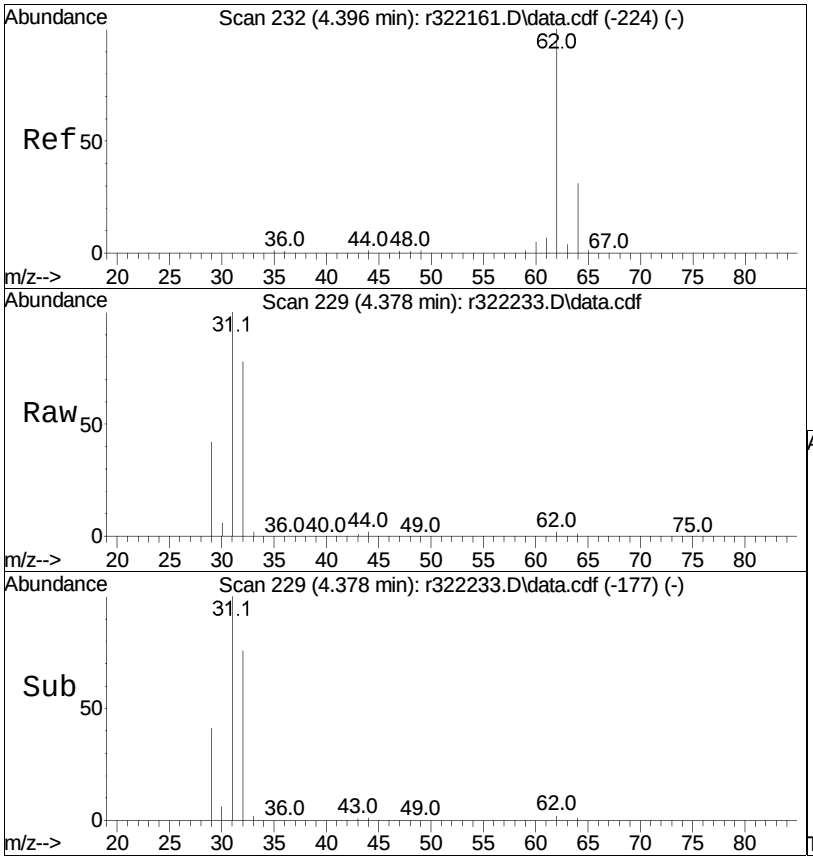


#6
chloromethane
Concen: 0.10 ppbV
RT: 4.126 min Scan# 187
Delta R.T. -0.012 min
Lab File: r322233.D
Acq: 19 May 2022 9:34 PM

Tgt Ion: 50 Resp: 1799

Ion	Ratio	Lower	Upper
50	100		
52	37.7	26.3	39.5

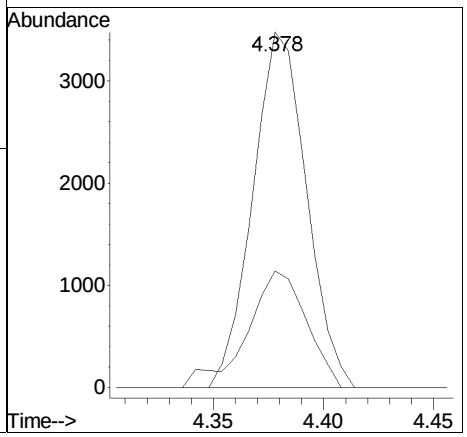


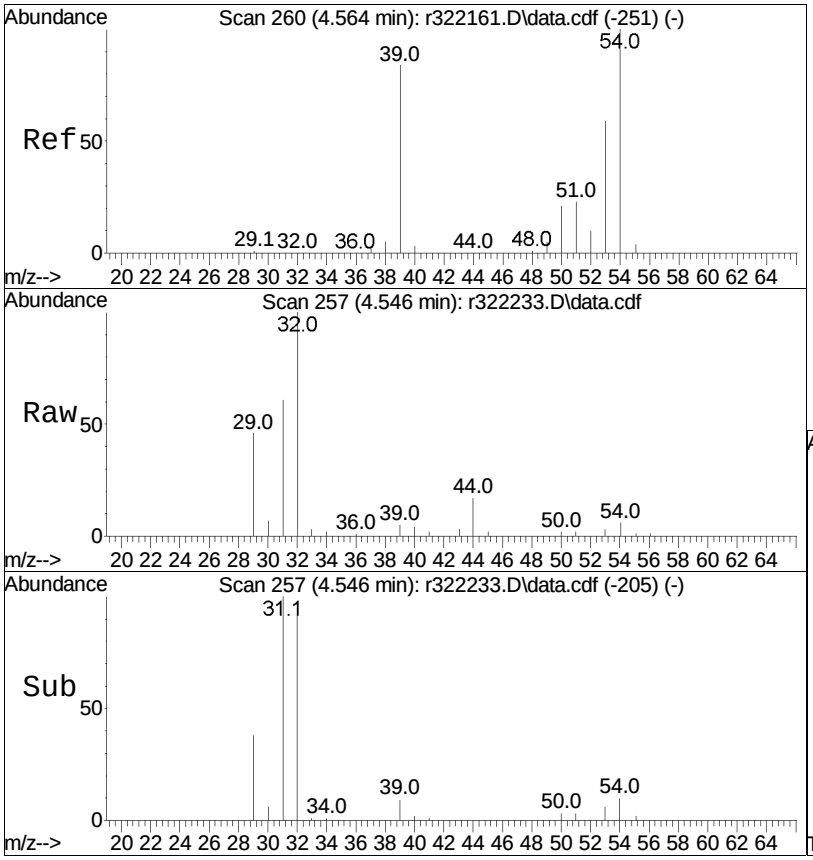


#9
vinyl chloride
Concen: 0.24 ppbV
RT: 4.378 min Scan# 229
Delta R.T. -0.018 min
Lab File: r322233.D
Acq: 19 May 2022 9:34 PM

Tgt Ion: 62 Resp: 5878

Ion	Ratio	Lower	Upper
62	100		
64	32.8	24.4	36.6

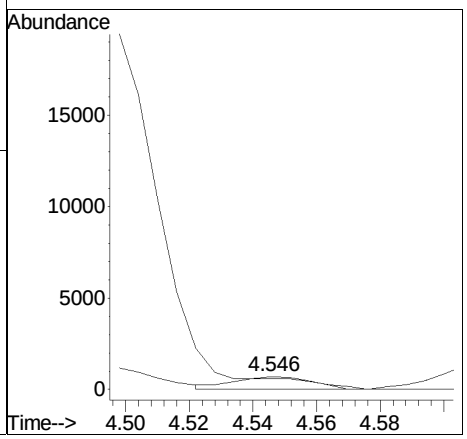


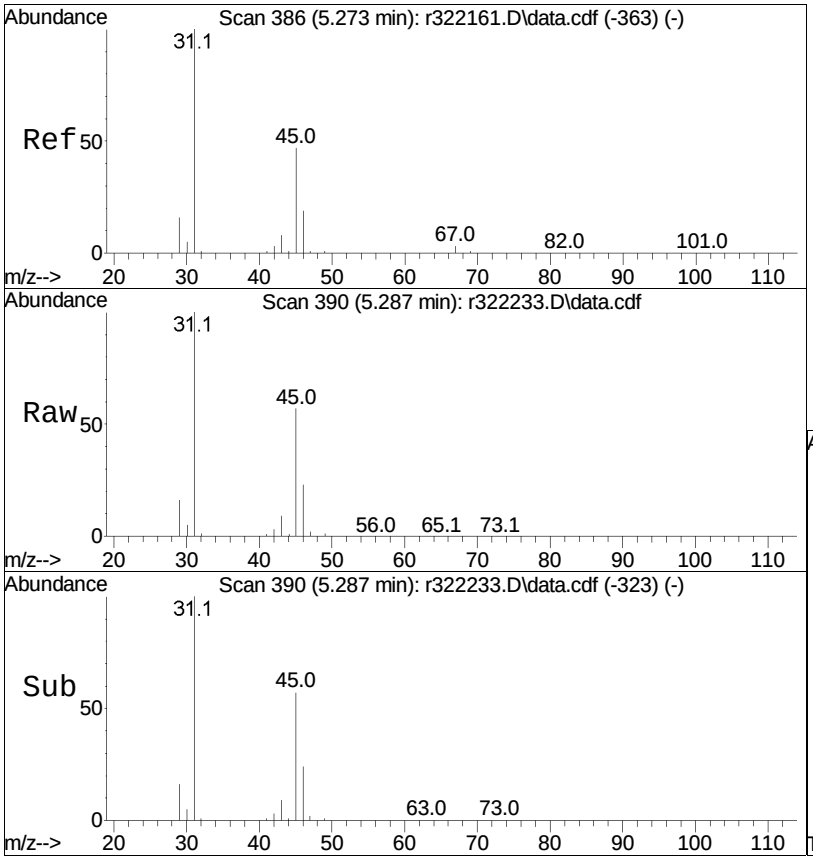


#10
1,3-butadiene
Concen: 0.06 ppbV
RT: 4.546 min Scan# 257
Delta R.T. -0.018 min
Lab File: r322233.D
Acq: 19 May 2022 9:34 PM

Tgt Ion: 54 Resp: 1191

Ion	Ratio	Lower	Upper
54	100		
39	86.6	67.8	101.8

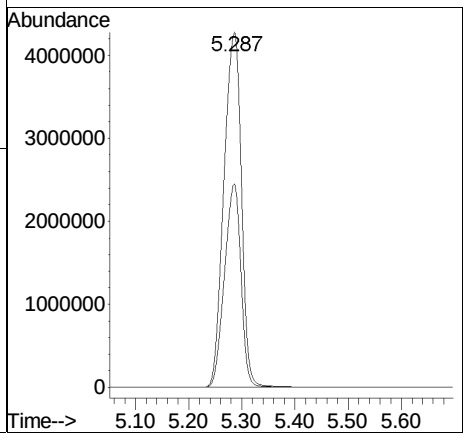


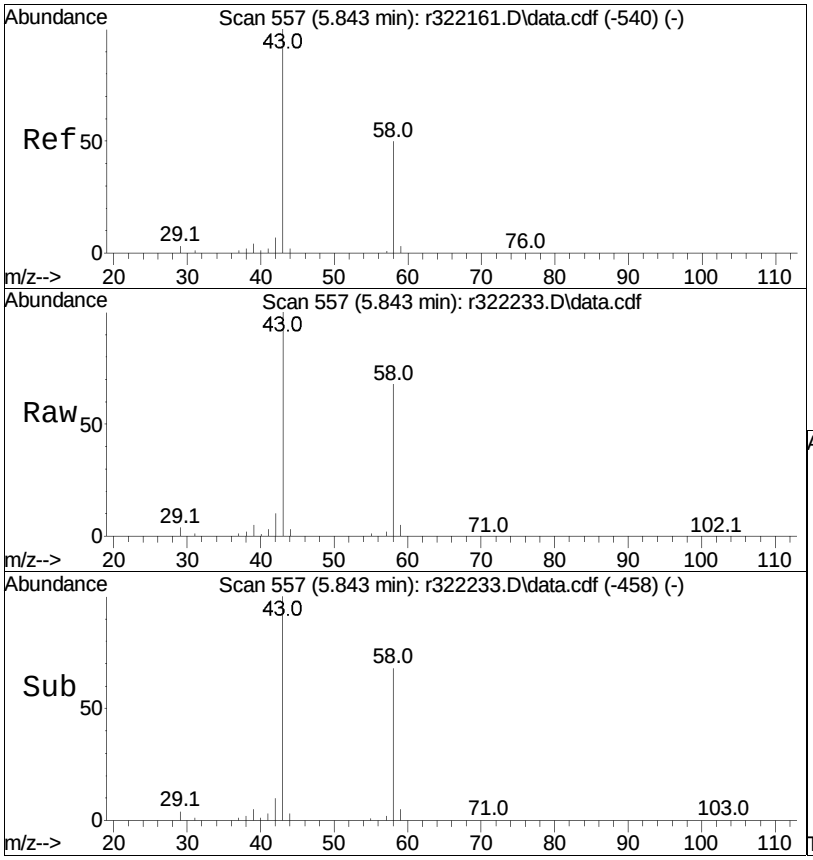


#15
ethanol
Concen: 514.37 ppbV
RT: 5.287 min Scan# 390
Delta R.T. 0.013 min
Lab File: r322233.D
Acq: 19 May 2022 9:34 PM

Tgt Ion: 31 Resp: 9829584

Ion	Ratio	Lower	Upper
31	100		
45	57.3	37.6	56.4#

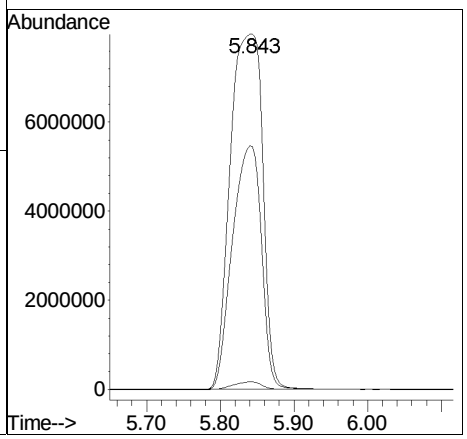


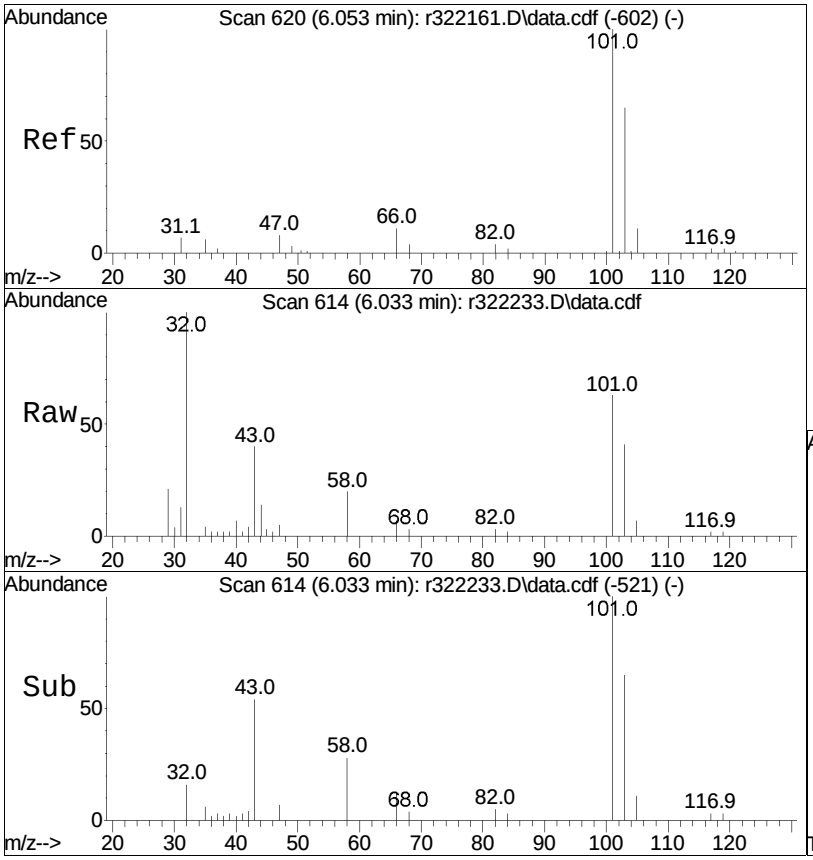


#19
acetone
Concen: 900.79 ppbV
RT: 5.843 min Scan# 557
Delta R.T. 0.000 min
Lab File: r322233.D
Acq: 19 May 2022 9:34 PM

Tgt Ion: 43 Resp:24545678

Ion	Ratio	Lower	Upper
43	100		
58	68.4	39.8	59.8#
57	2.1	1.0	1.6#

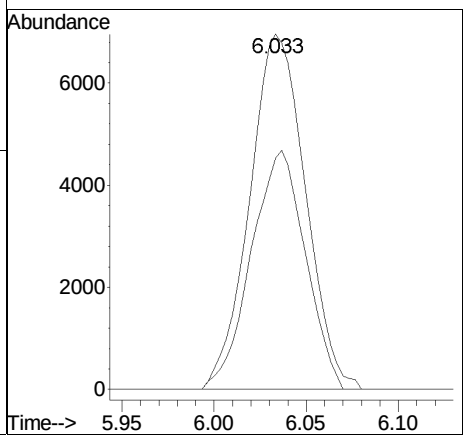


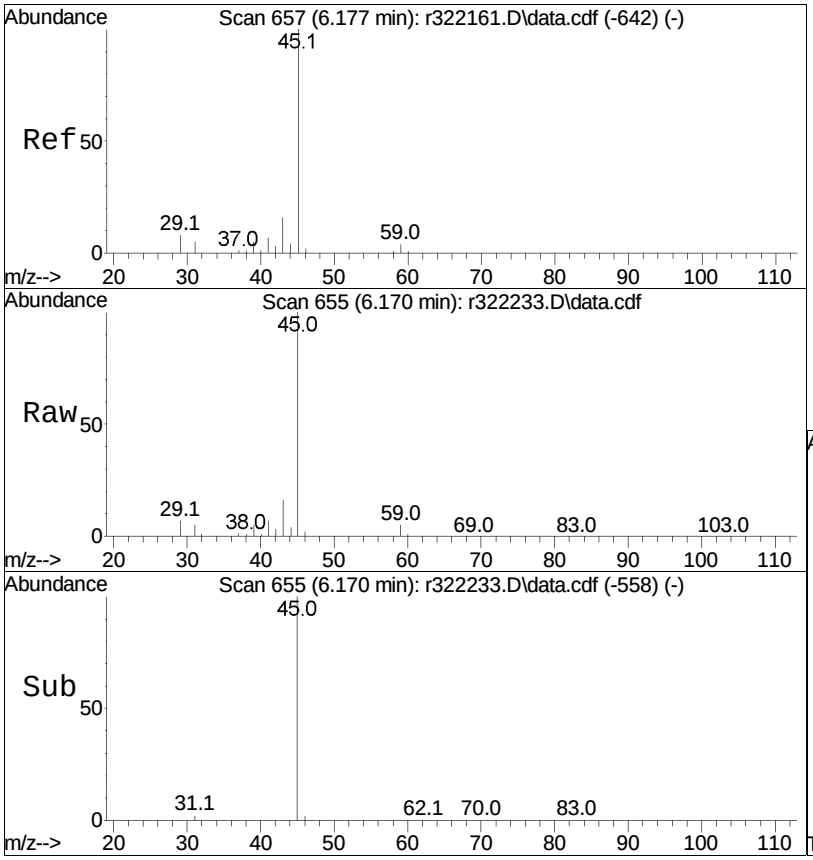


#21
trichlorofluoromethane
Concen: 0.41 ppbV
RT: 6.033 min Scan# 614
Delta R.T. -0.020 min
Lab File: r322233.D
Acq: 19 May 2022 9:34 PM

Tgt Ion:101 Resp: 14679

Ion	Ratio	Lower	Upper
101	100		
103	65.1	51.8	77.6

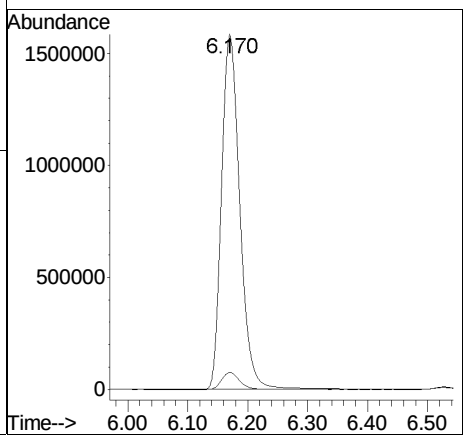


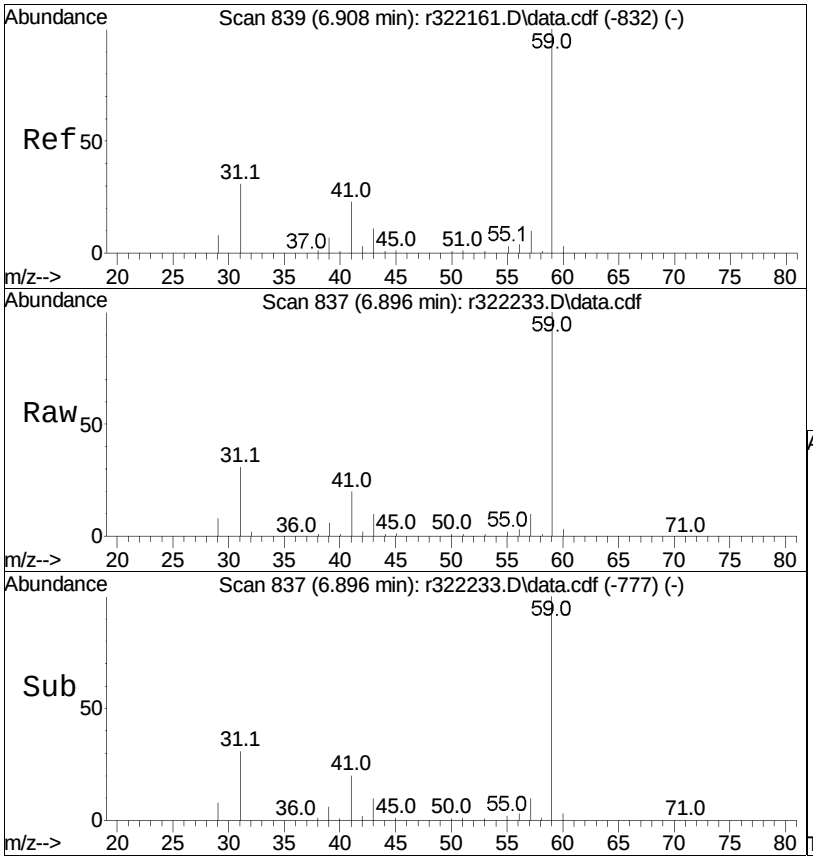


#22
isopropyl alcohol
Concen: 102.68 ppbV
RT: 6.170 min Scan# 655
Delta R.T. -0.007 min
Lab File: r322233.D
Acq: 19 May 2022 9:34 PM

Tgt Ion: 45 Resp: 3366694

Ion	Ratio	Lower	Upper
45	100		
59	4.8	3.5	5.3

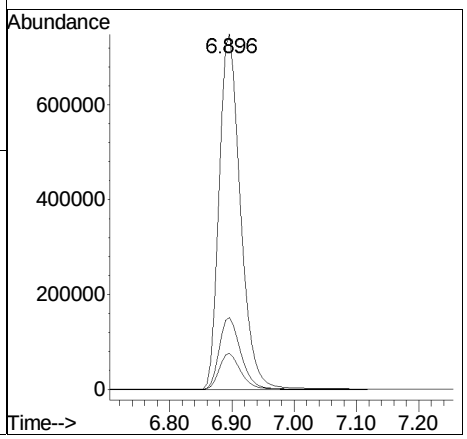


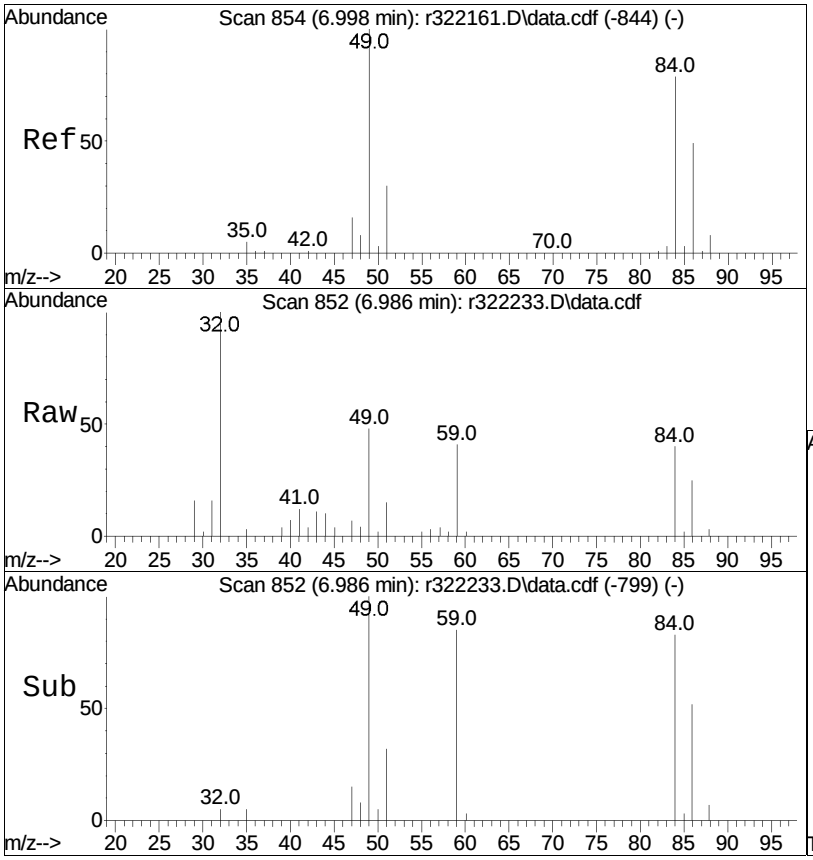


#27
tertiary butyl alcohol
Concen: 43.73 ppbV
RT: 6.896 min Scan# 837
Delta R.T. -0.012 min
Lab File: r322233.D
Acq: 19 May 2022 9:34 PM

Tgt Ion: 59 Resp: 1784083

Ion	Ratio	Lower	Upper
59	100		
41	20.3	18.2	27.2
43	10.1	8.9	13.3

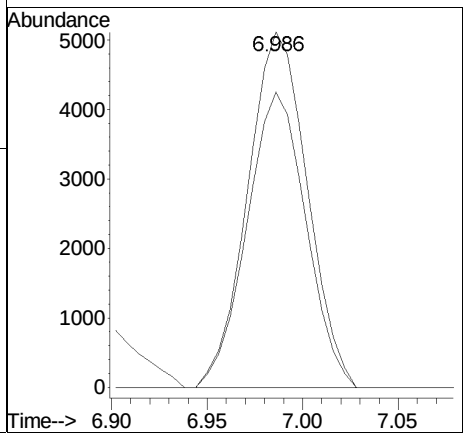


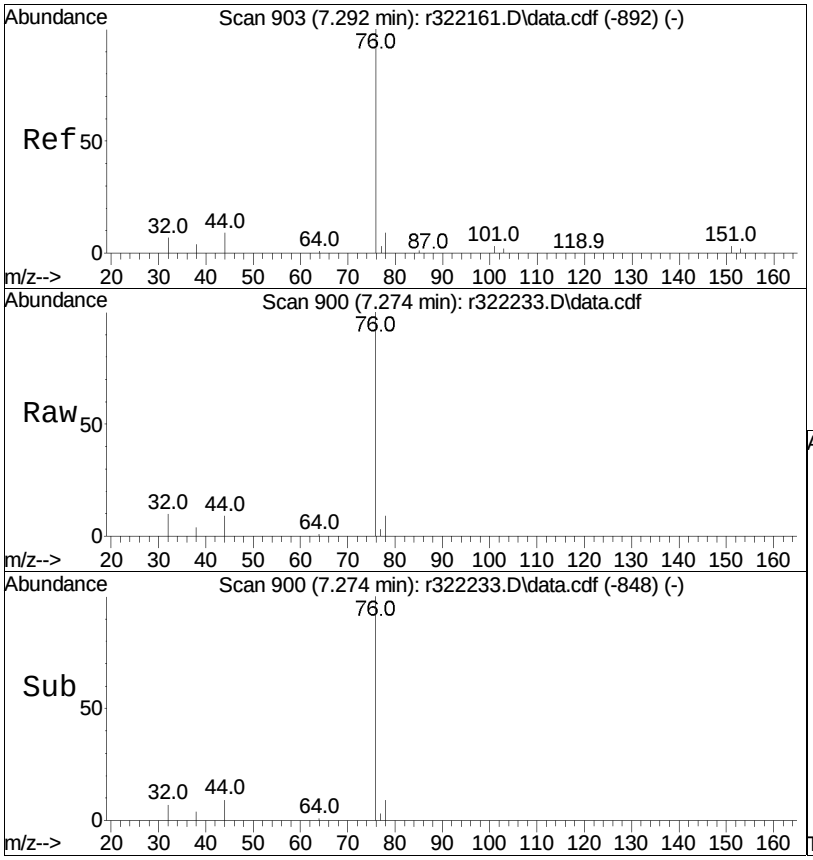


#28
methylene chloride
Concen: 0.36 ppbV
RT: 6.986 min Scan# 852
Delta R.T. -0.012 min
Lab File: r322233.D
Acq: 19 May 2022 9:34 PM

Tgt Ion: 49 Resp: 11114

Ion	Ratio	Lower	Upper
49	100		
84	83.1	63.0	94.6

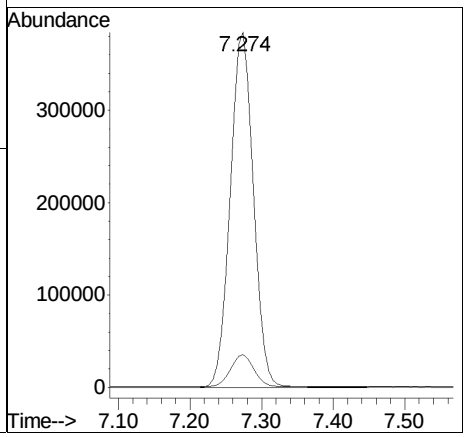


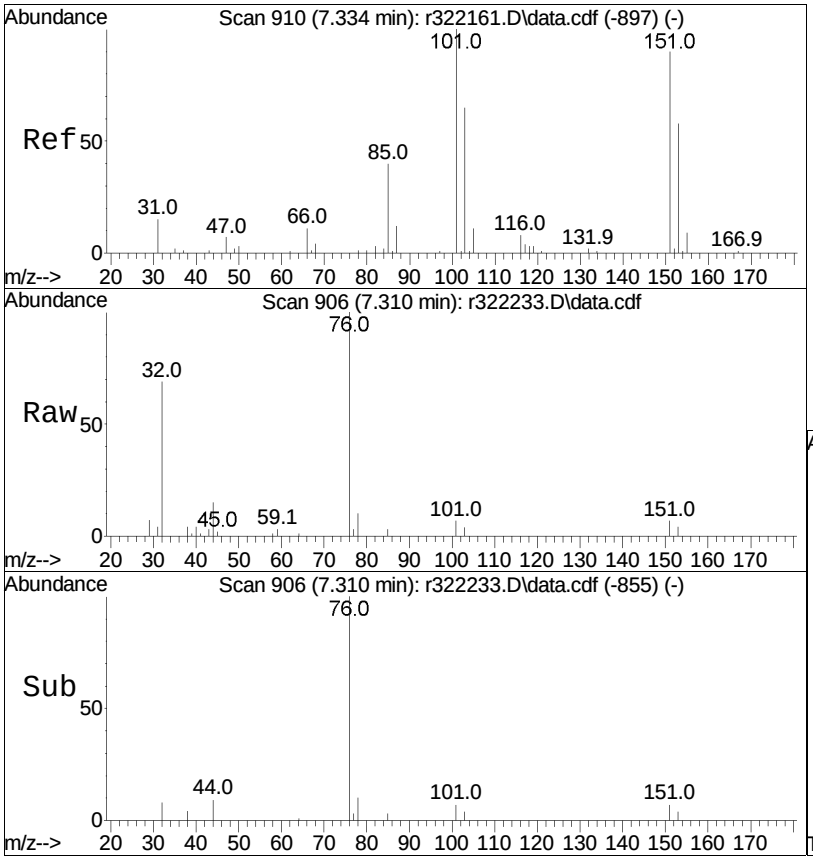


#30
carbon disulfide
Concen: 12.18 ppbV
RT: 7.274 min Scan# 900
Delta R.T. -0.018 min
Lab File: r322233.D
Acq: 19 May 2022 9:34 PM

Tgt Ion: 76 Resp: 866544

Ion	Ratio	Lower	Upper
76	100		
44	9.2	7.6	11.4

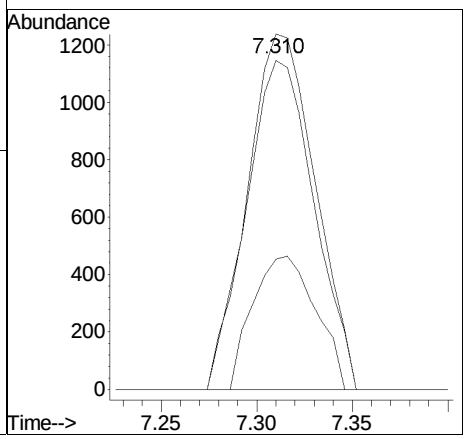


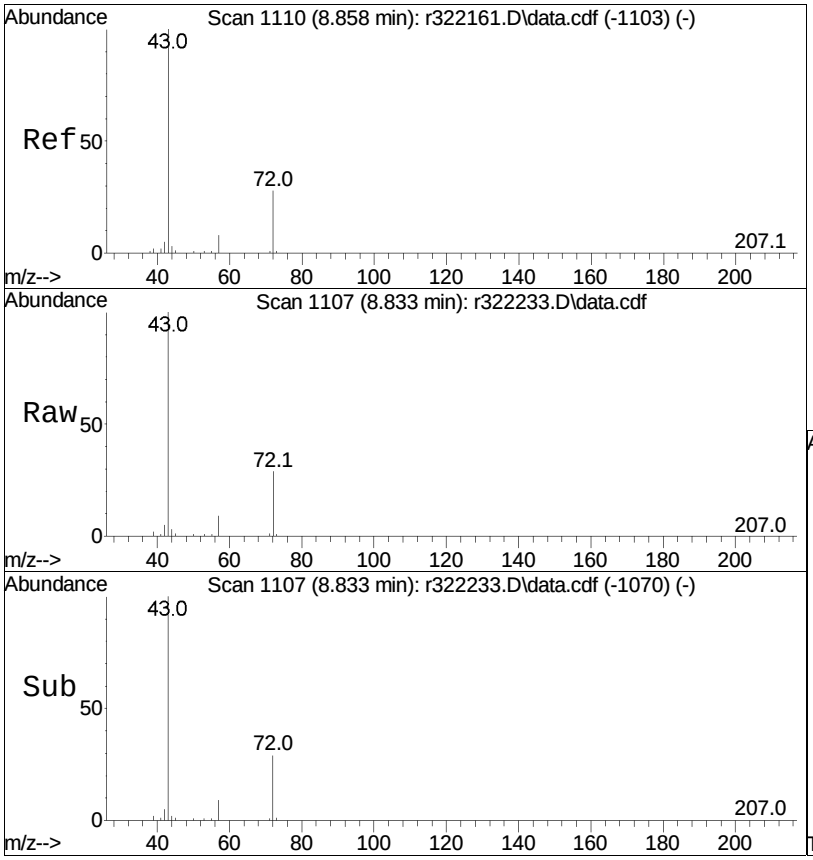


#31
Freon 113
Concen: 0.08 ppbV
RT: 7.310 min Scan# 906
Delta R.T. -0.024 min
Lab File: r322233.D
Acq: 19 May 2022 9:34 PM

Tgt Ion:101 Resp: 3064

Ion	Ratio	Lower	Upper
101	100		
85	36.7	31.8	47.8
151	92.6	72.2	108.4

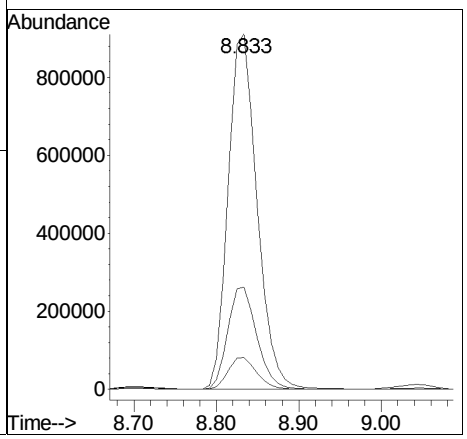


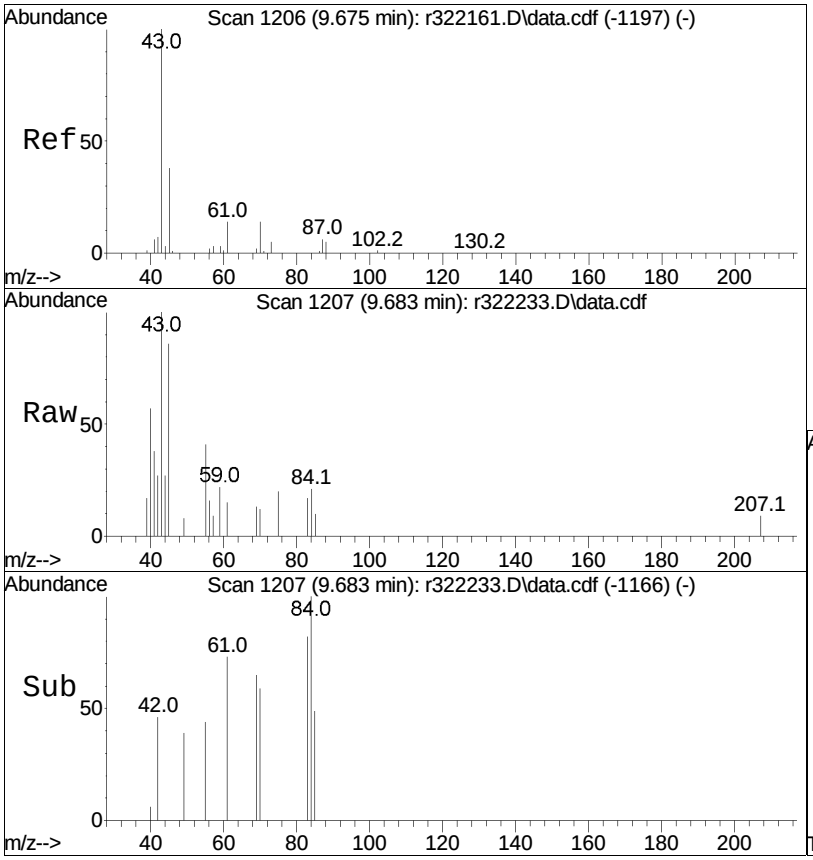


#36
2-butanone
Concen: 44.81 ppbV
RT: 8.833 min Scan# 1107
Delta R.T. -0.025 min
Lab File: r322233.D
Acq: 19 May 2022 9:34 PM

Tgt Ion: 43 Resp: 2220059

Ion	Ratio	Lower	Upper
43	100		
72	28.8	22.6	33.8
57	9.0	6.6	10.0

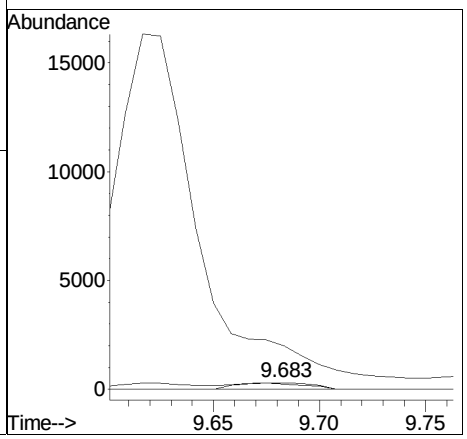


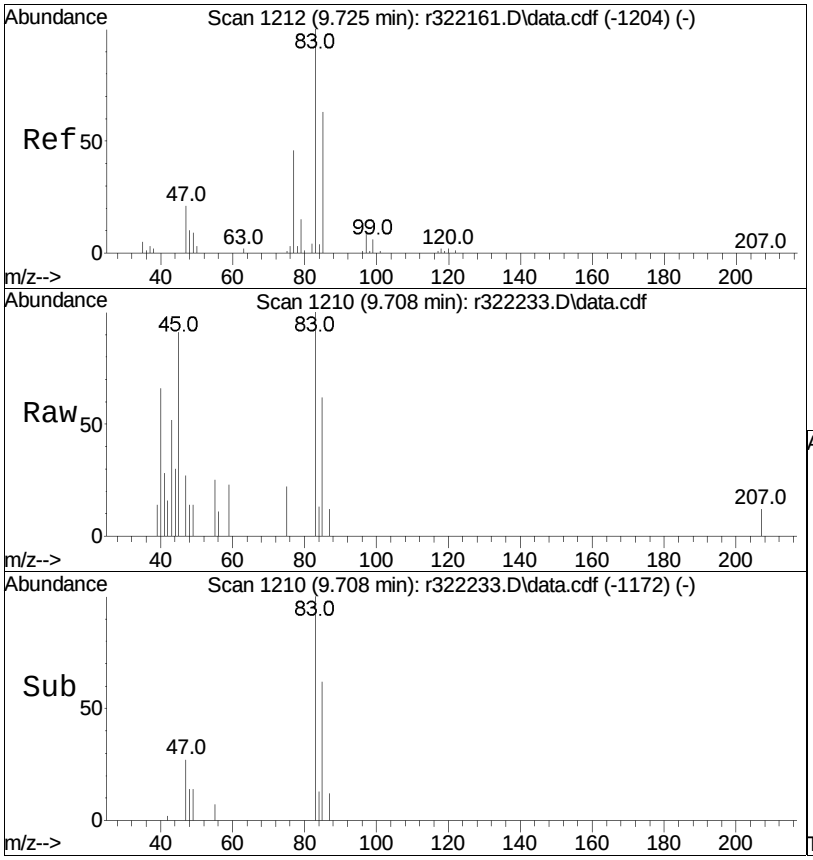


#38
Ethyl Acetate
Concen: 0.09 ppbV m
RT: 9.683 min Scan# 1207
Delta R.T. 0.008 min
Lab File: r322233.D
Acq: 19 May 2022 9:34 PM

Tgt Ion: 61 Resp: 751

Ion	Ratio	Lower	Upper
61	100		
70	80.3	78.8	118.2
43	666.3	593.4	890.0

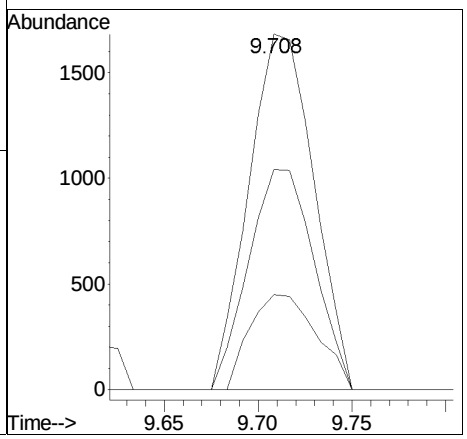


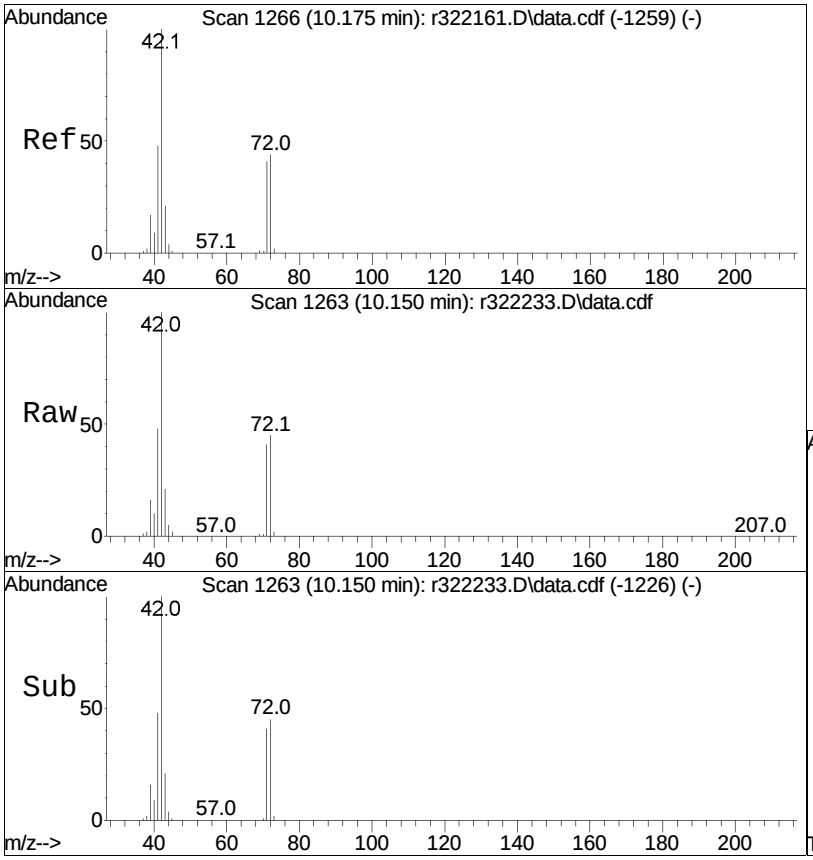


#39
chloroform
Concen: 0.10 ppbV
RT: 9.708 min Scan# 1210
Delta R.T. -0.017 min
Lab File: r322233.D
Acq: 19 May 2022 9:34 PM

Tgt Ion: 83 Resp: 4068

Ion	Ratio	Lower	Upper
83	100		
85	61.9	50.4	75.6
47	26.7	16.9	25.3#

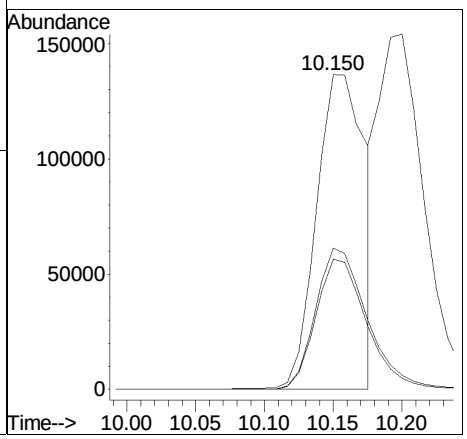


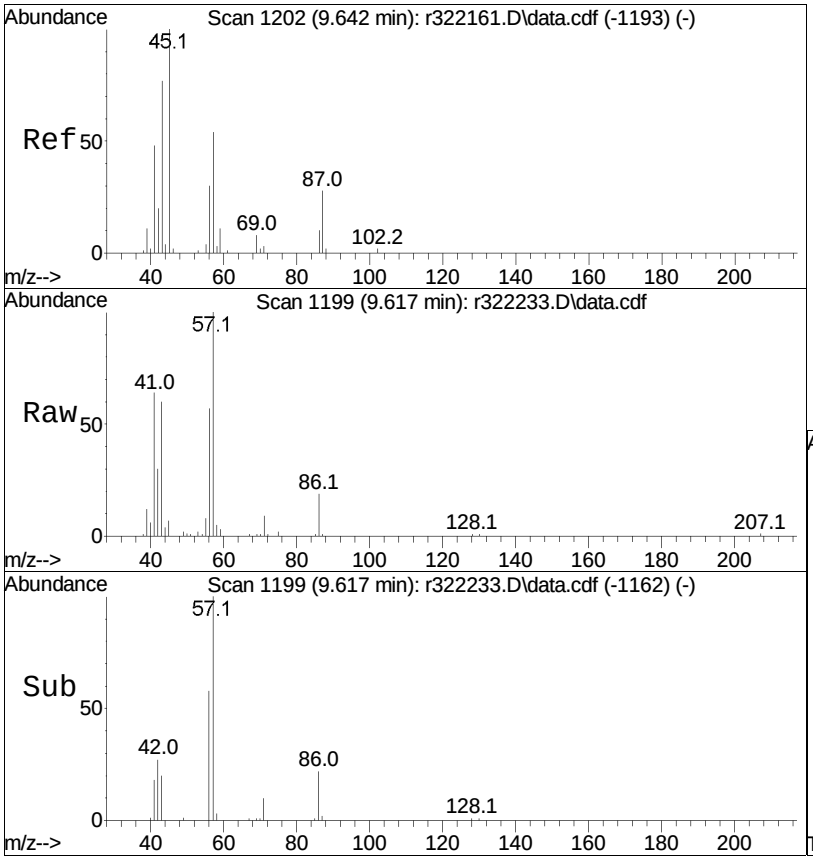


#40
Tetrahydrofuran
Concen: 11.71 ppbV
RT: 10.150 min Scan# 1263
Delta R.T. -0.025 min
Lab File: r322233.D
Acq: 19 May 2022 9:34 PM

Tgt Ion: 42 Resp: 334917

Ion	Ratio	Lower	Upper
42	100		
71	41.3	32.4	48.6
72	44.9	35.2	52.8

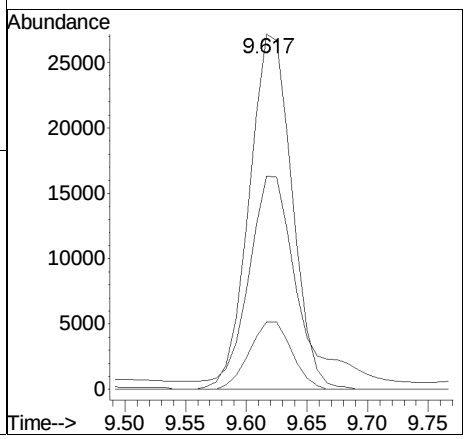


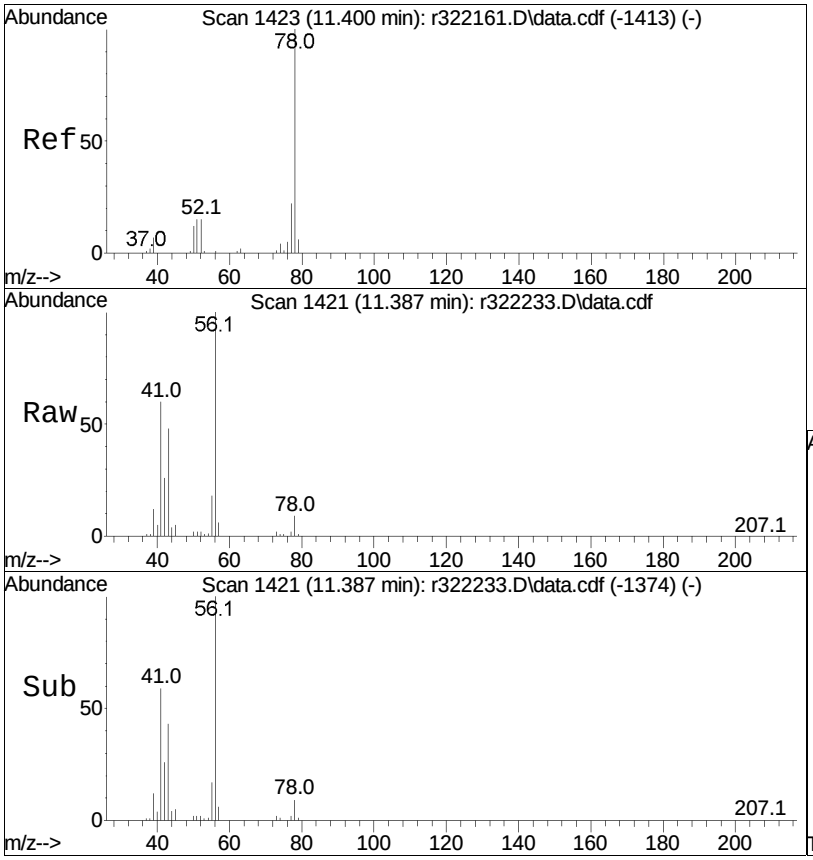


#44
hexane
Concen: 1.54 ppbV
RT: 9.617 min Scan# 1199
Delta R.T. -0.025 min
Lab File: r322233.D
Acq: 19 May 2022 9:34 PM

Tgt Ion: 57 Resp: 66622

Ion	Ratio	Lower	Upper
57	100		
43	60.1	115.0	172.6#
86	19.0	15.5	23.3

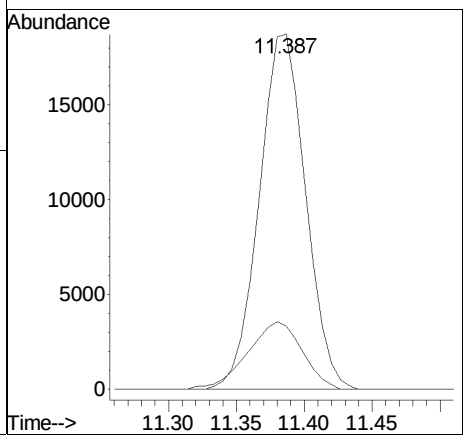


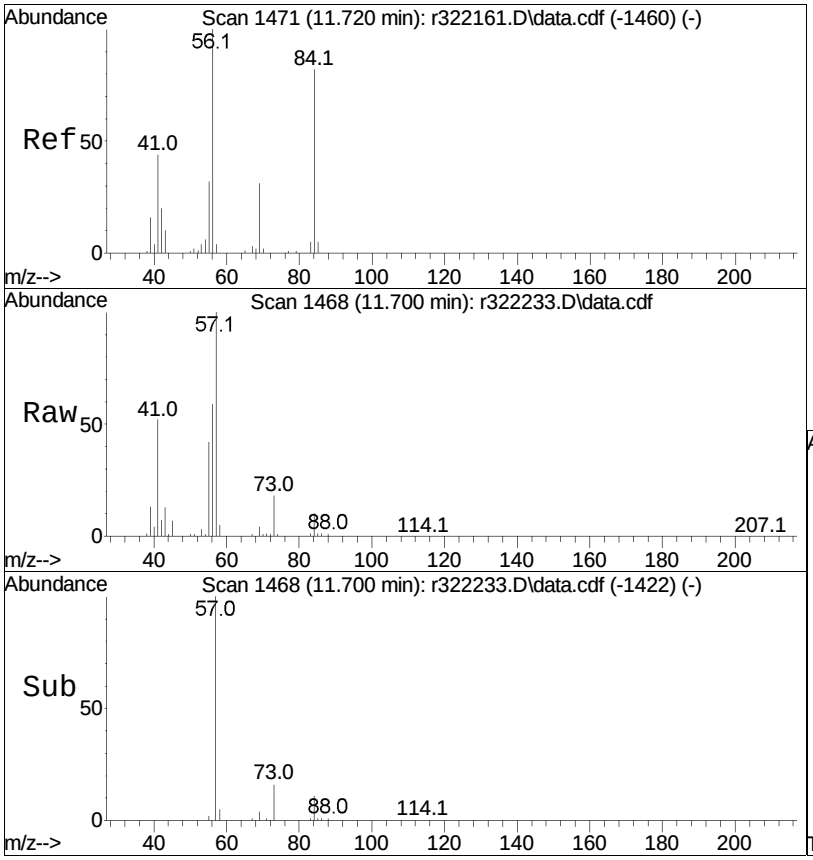


#50
benzene
Concen: 0.50 ppbV
RT: 11.387 min Scan# 1421
Delta R.T. -0.013 min
Lab File: r322233.D
Acq: 19 May 2022 9:34 PM

Tgt Ion: 78 Resp: 44483

Ion	Ratio	Lower	Upper
78	100		
52	17.8	12.2	18.2

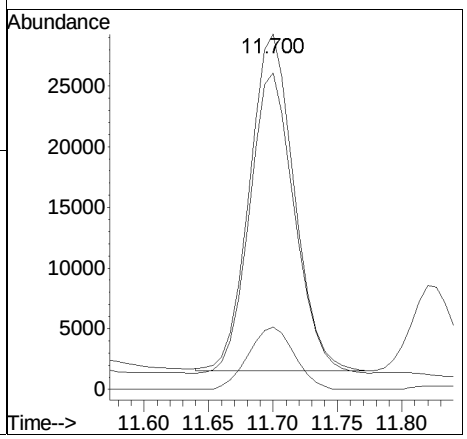


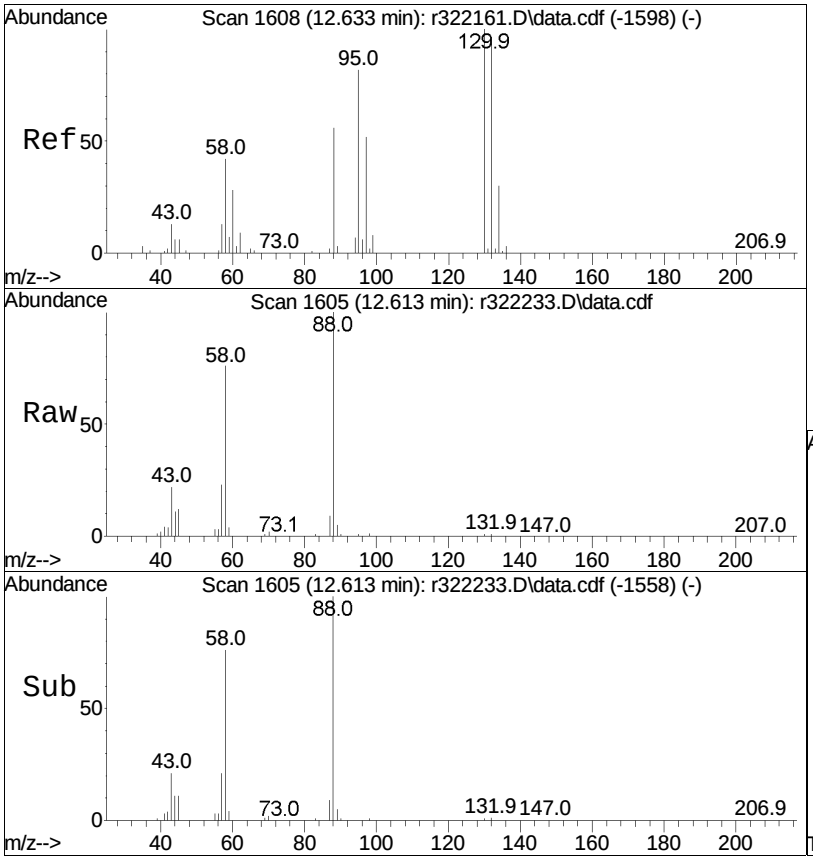


#53
cyclohexane
Concen: 1.48 ppbV
RT: 11.700 min Scan# 1468
Delta R.T. -0.020 min
Lab File: r322233.D
Acq: 19 May 2022 9:34 PM

Tgt Ion: 56 Resp: 66959

Ion	Ratio	Lower	Upper
56	100		
84	17.6	65.4	98.0#
41	89.1	35.4	53.2#

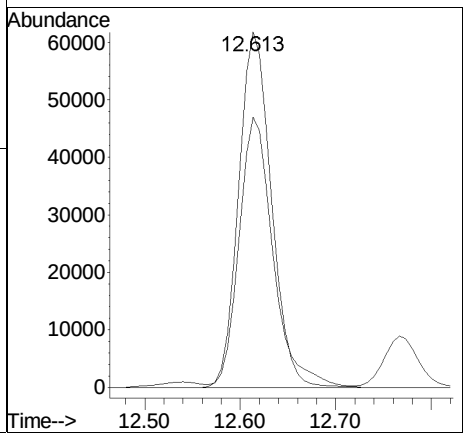


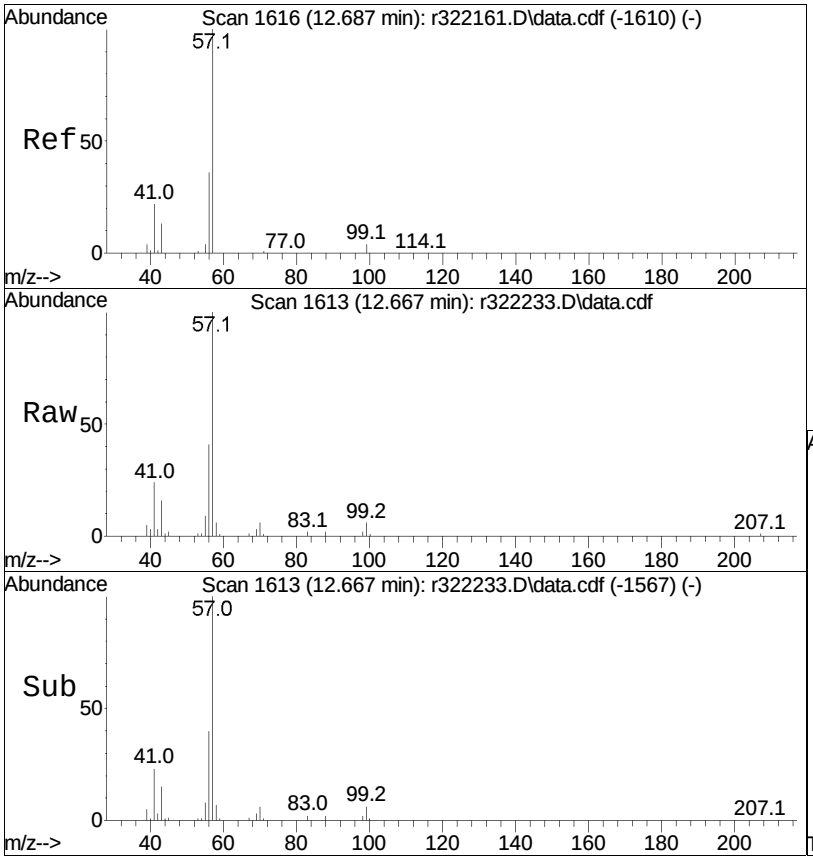


#58
1,4-dioxane
Concen: 8.05 ppbV
RT: 12.613 min Scan# 1605
Delta R.T. -0.020 min
Lab File: r322233.D
Acq: 19 May 2022 9:34 PM

Tgt Ion: 88 Resp: 146573

Ion	Ratio	Lower	Upper
88	100		
58	76.0	61.2	91.8

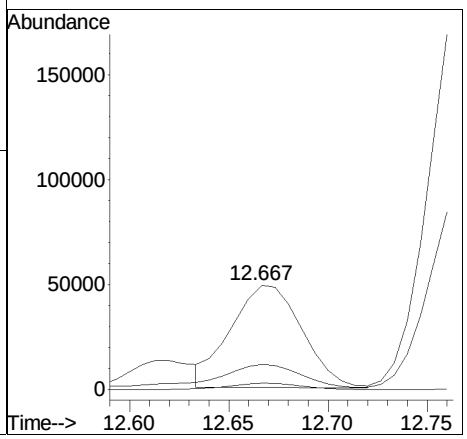


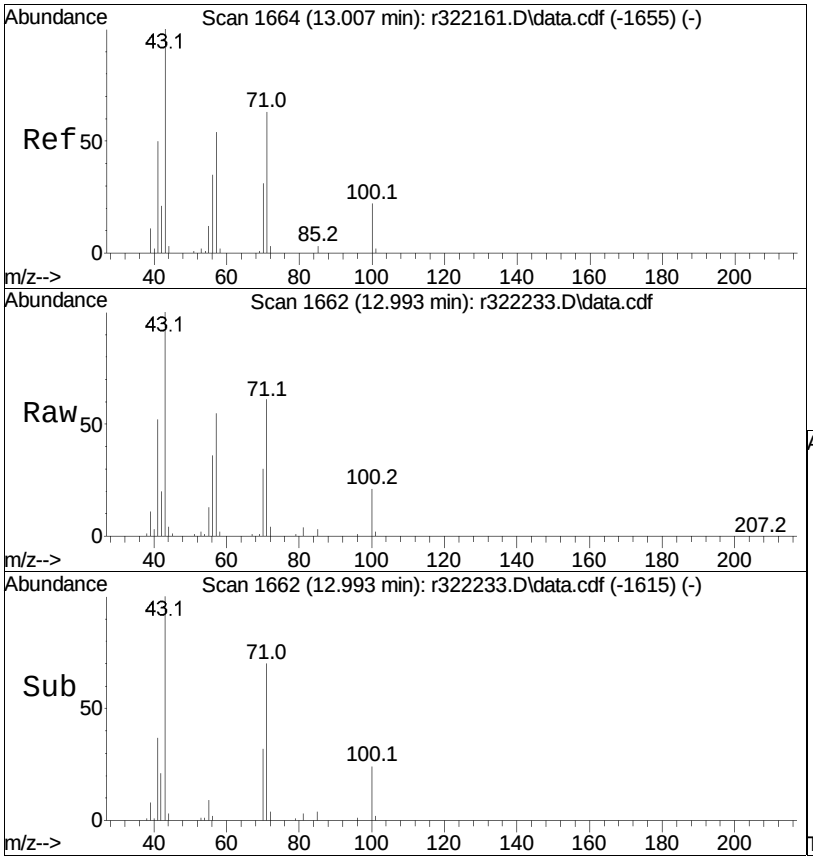


#60
2,2,4-trimethylpentane
Concen: 0.91 ppbV
RT: 12.667 min Scan# 1613
Delta R.T. -0.020 min
Lab File: r322233.D
Acq: 19 May 2022 9:34 PM

Tgt Ion: 57 Resp: 121520

Ion	Ratio	Lower	Upper
57	100		
99	6.0	5.0	7.4
41	24.0	17.4	26.2

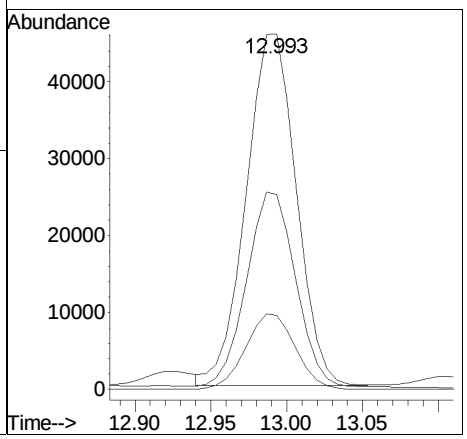


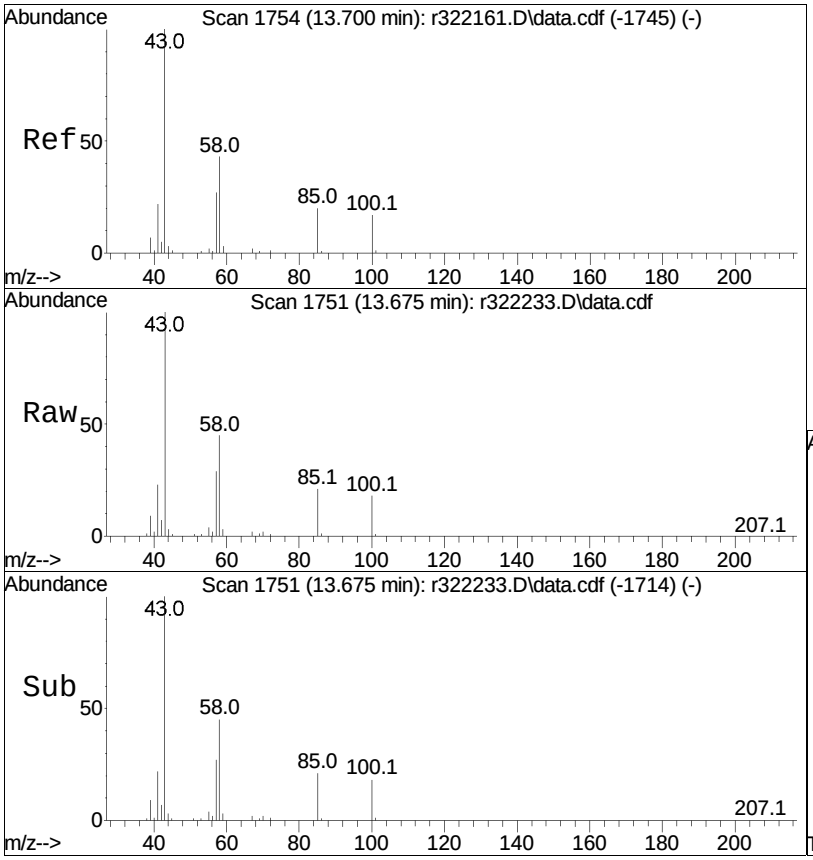


#62
heptane
Concen: 2.10 ppbV
RT: 12.993 min Scan# 1662
Delta R.T. -0.013 min
Lab File: r322233.D
Acq: 19 May 2022 9:34 PM

Tgt Ion: 43 Resp: 105279

Ion	Ratio	Lower	Upper
43	100		
57	54.8	43.0	64.4
100	20.8	17.6	26.4

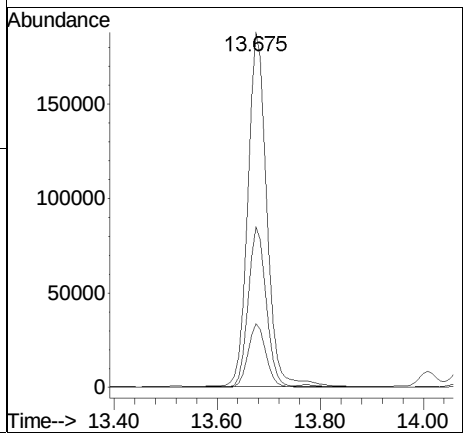


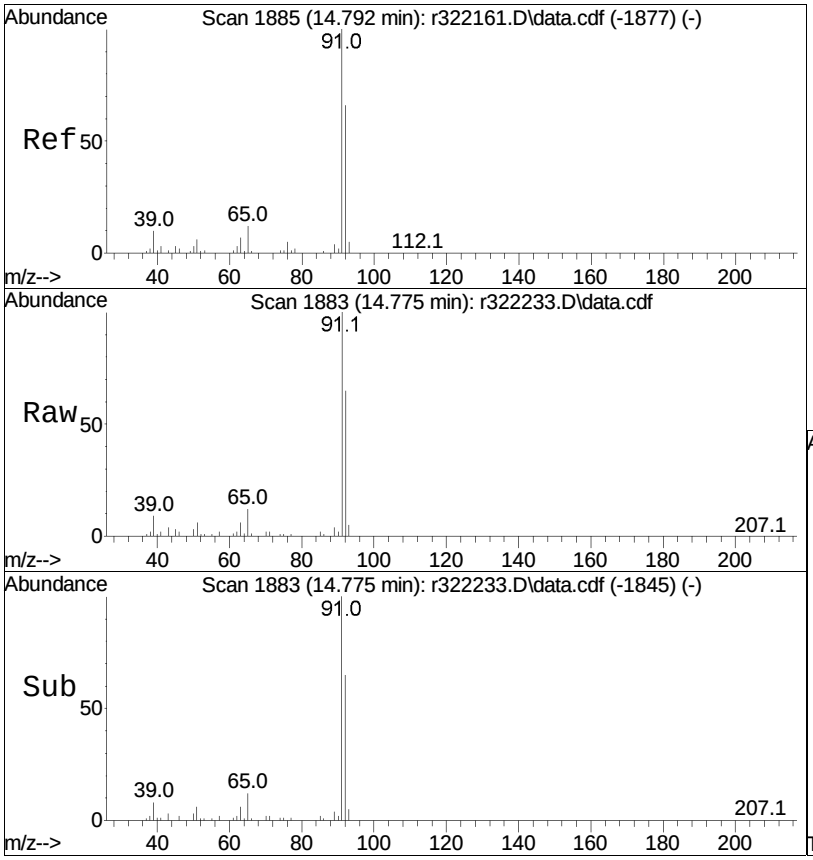


#64
4-methyl-2-pentanone
Concen: 8.36 ppbV
RT: 13.675 min Scan# 1751
Delta R.T. -0.025 min
Lab File: r322233.D
Acq: 19 May 2022 9:34 PM

Tgt Ion: 43 Resp: 479073

Ion	Ratio	Lower	Upper
43	100		
58	45.2	34.3	51.5
100	18.0	13.8	20.6

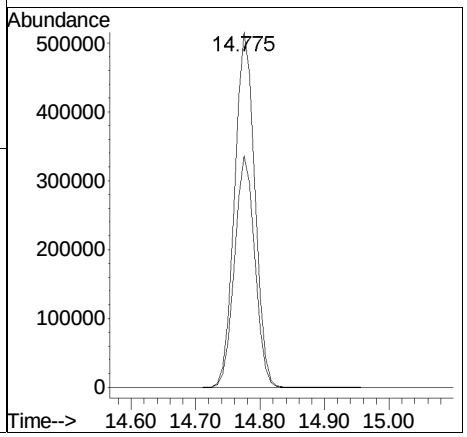


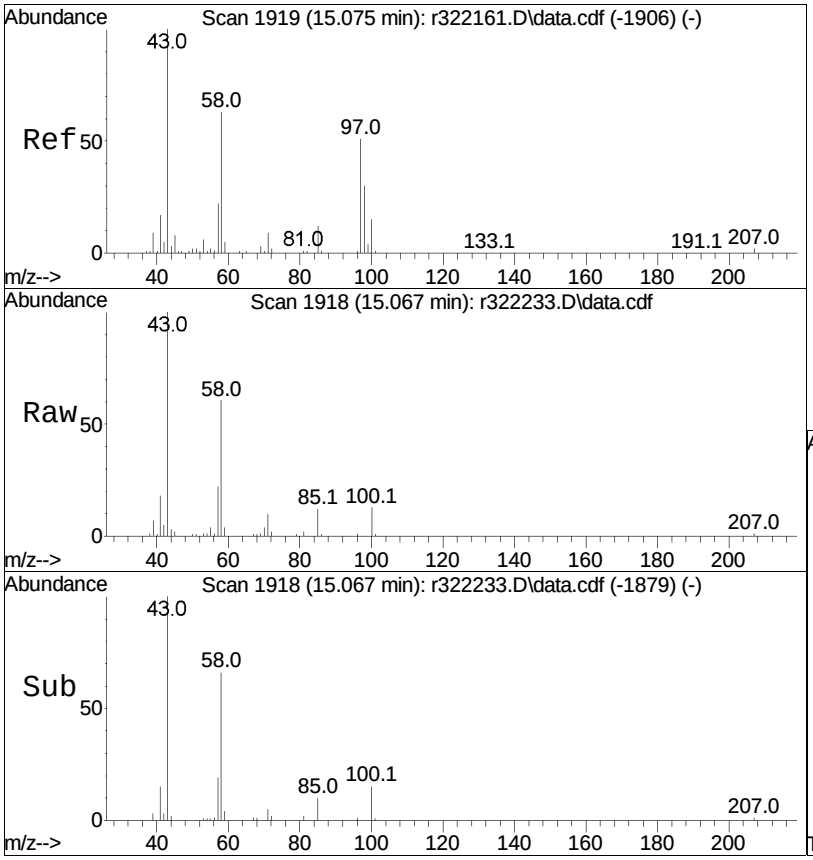


#68
toluene
Concen: 12.38 ppbV
RT: 14.775 min Scan# 1883
Delta R.T. -0.017 min
Lab File: r322233.D
Acq: 19 May 2022 9:34 PM

Tgt Ion: 91 Resp: 1125565

Ion	Ratio	Lower	Upper
91	100		
92	65.2	52.7	79.1

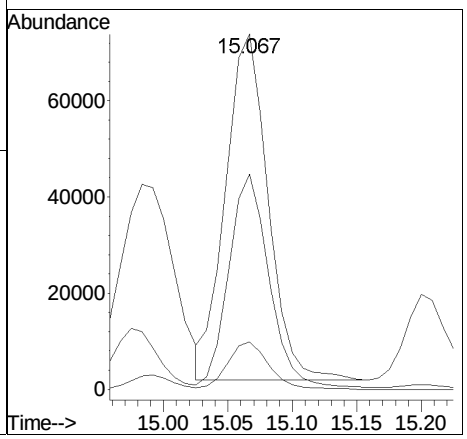


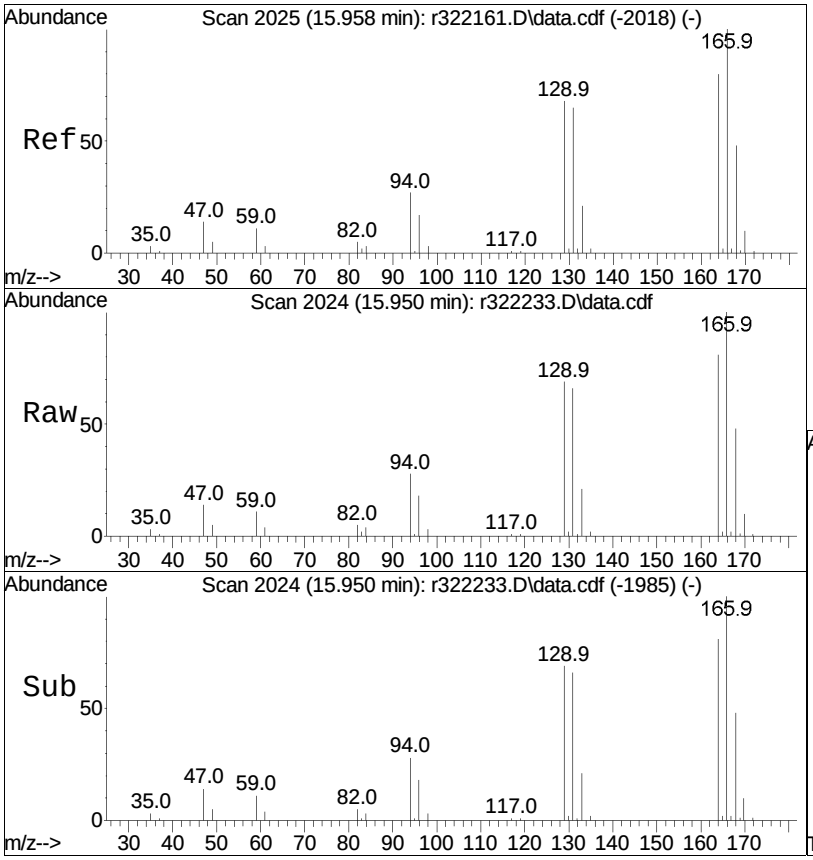


#72
2-hexanone
Concen: 3.03 ppbV
RT: 15.067 min Scan# 1918
Delta R.T. -0.008 min
Lab File: r322233.D
Acq: 19 May 2022 9:34 PM

Tgt Ion: 43 Resp: 165744

Ion	Ratio	Lower	Upper
43	100		
58	60.6	50.5	75.7
100	13.4	12.2	18.2

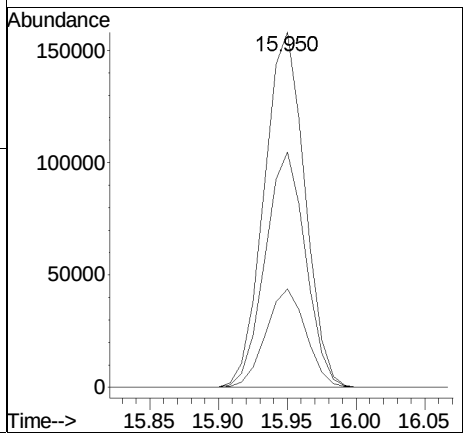


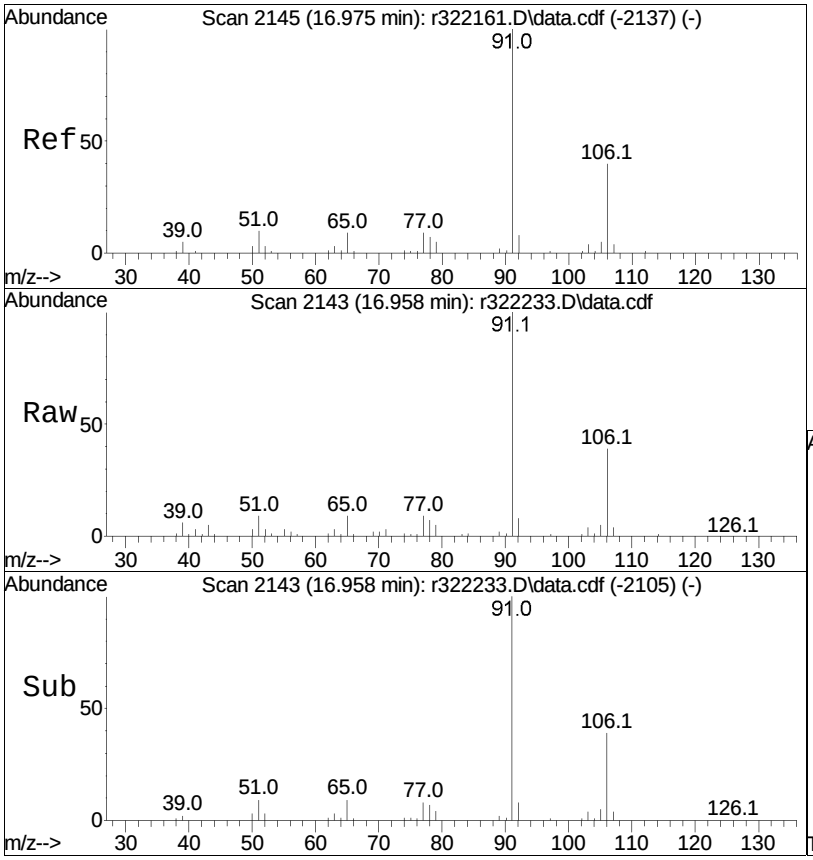


#78
tetrachloroethene
Concen: 7.39 ppbV
RT: 15.950 min Scan# 2024
Delta R.T. -0.008 min
Lab File: r322233.D
Acq: 19 May 2022 9:34 PM

Tgt Ion:166 Resp: 325701

Ion	Ratio	Lower	Upper
166	100		
131	66.2	51.8	77.6
94	27.7	21.8	32.8

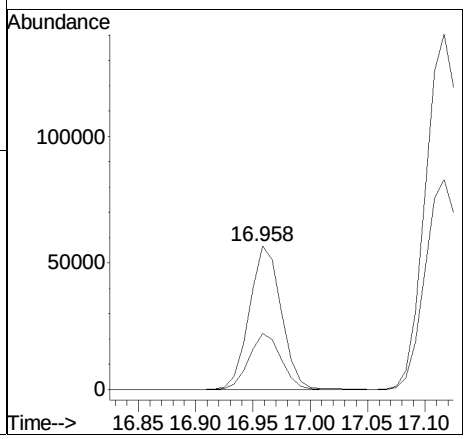


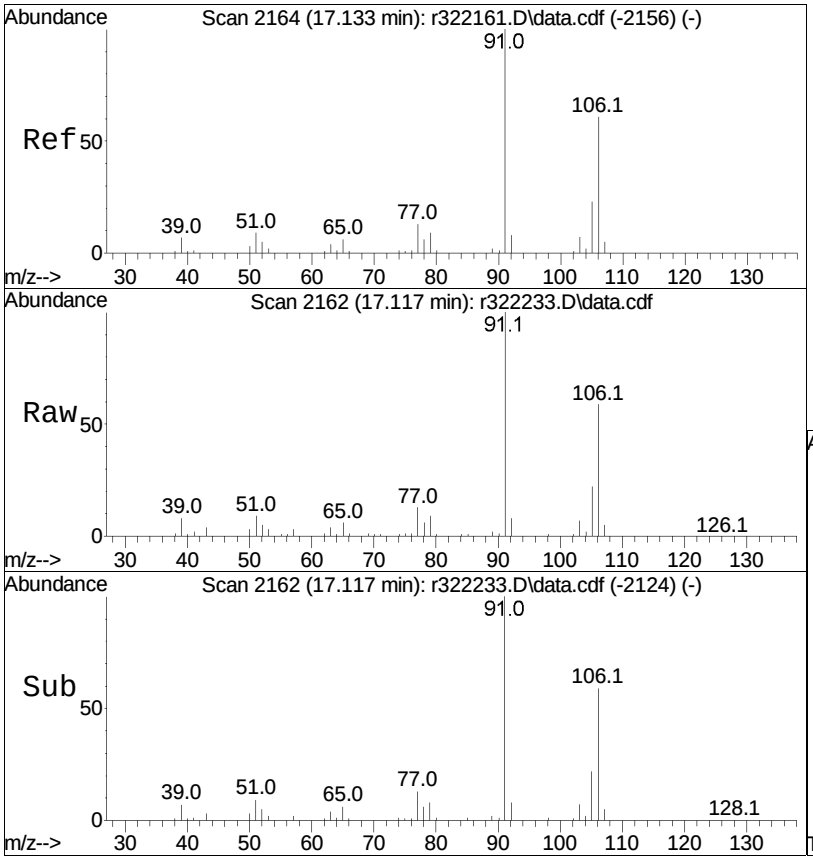


#81
ethylbenzene
Concen: 1.00 ppbV
RT: 16.958 min Scan# 2143
Delta R.T. -0.017 min
Lab File: r322233.D
Acq: 19 May 2022 9:34 PM

Tgt Ion: 91 Resp: 109589

Ion	Ratio	Lower	Upper
91	100		
106	39.0	32.4	48.6

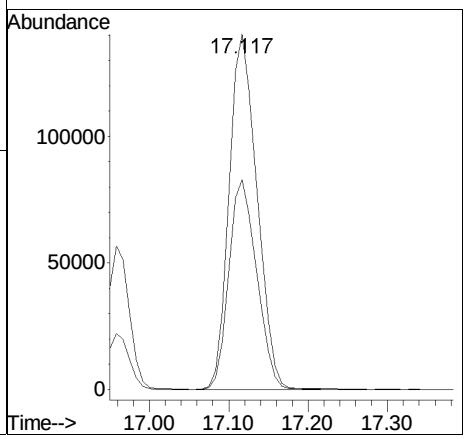


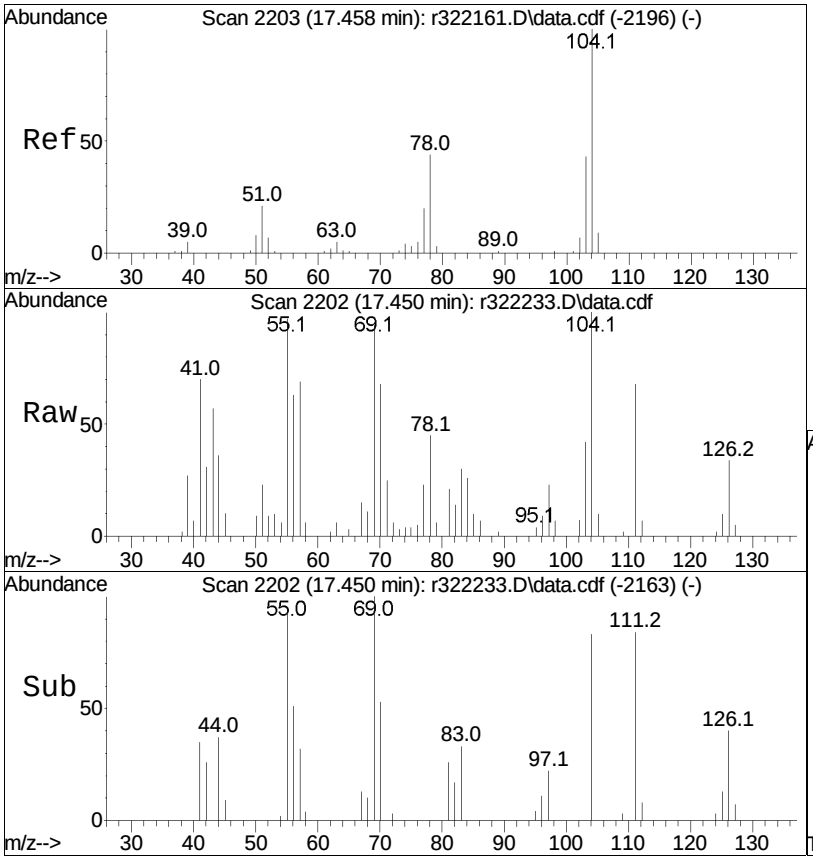


#83
m+p-xylene
Concen: 3.85 ppbV
RT: 17.117 min Scan# 2162
Delta R.T. -0.017 min
Lab File: r322233.D
Acq: 19 May 2022 9:34 PM

Tgt Ion: 91 Resp: 342876

Ion	Ratio	Lower	Upper
91	100		
106	59.1	48.4	72.6

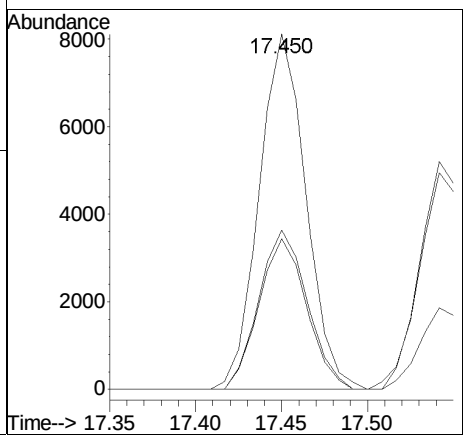


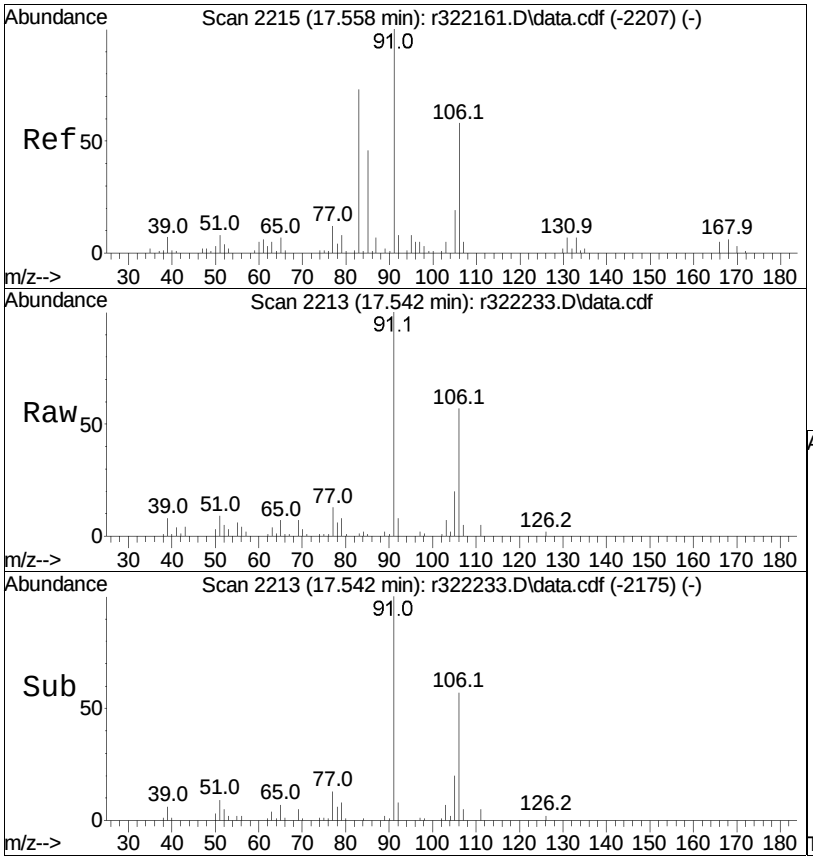


#85
styrene
Concen: 0.19 ppbV
RT: 17.450 min Scan# 2202
Delta R.T. -0.008 min
Lab File: r322233.D
Acq: 19 May 2022 9:34 PM

Tgt Ion:104 Resp: 15376

Ion	Ratio	Lower	Upper
104	100		
103	42.4	34.4	51.6
78	44.9	35.1	52.7

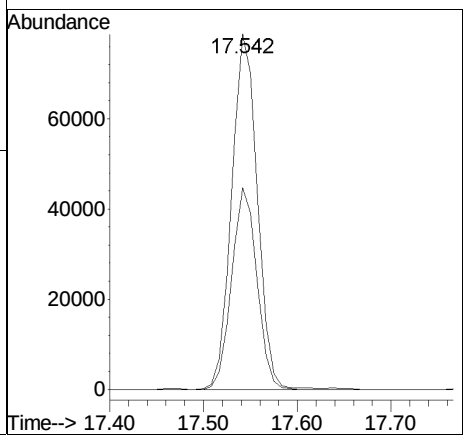


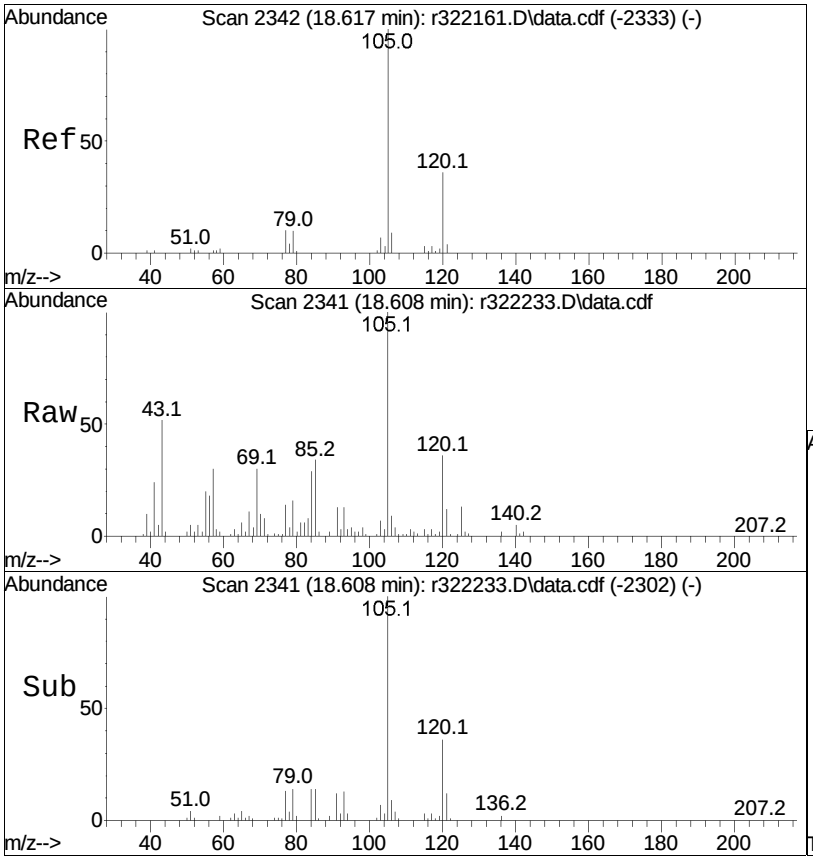


#87
o-xylene
Concen: 1.69 ppbV
RT: 17.542 min Scan# 2213
Delta R.T. -0.017 min
Lab File: r322233.D
Acq: 19 May 2022 9:34 PM

Tgt Ion: 91 Resp: 149861

Ion	Ratio	Lower	Upper
91	100		
106	56.7	46.4	69.6

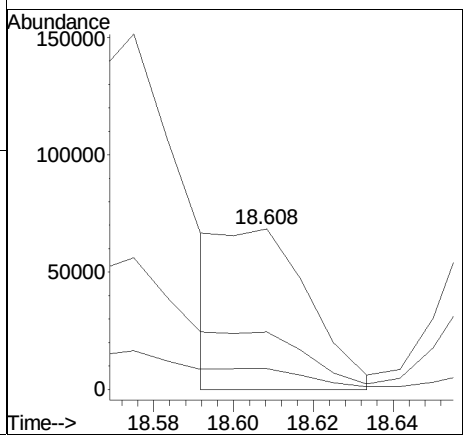


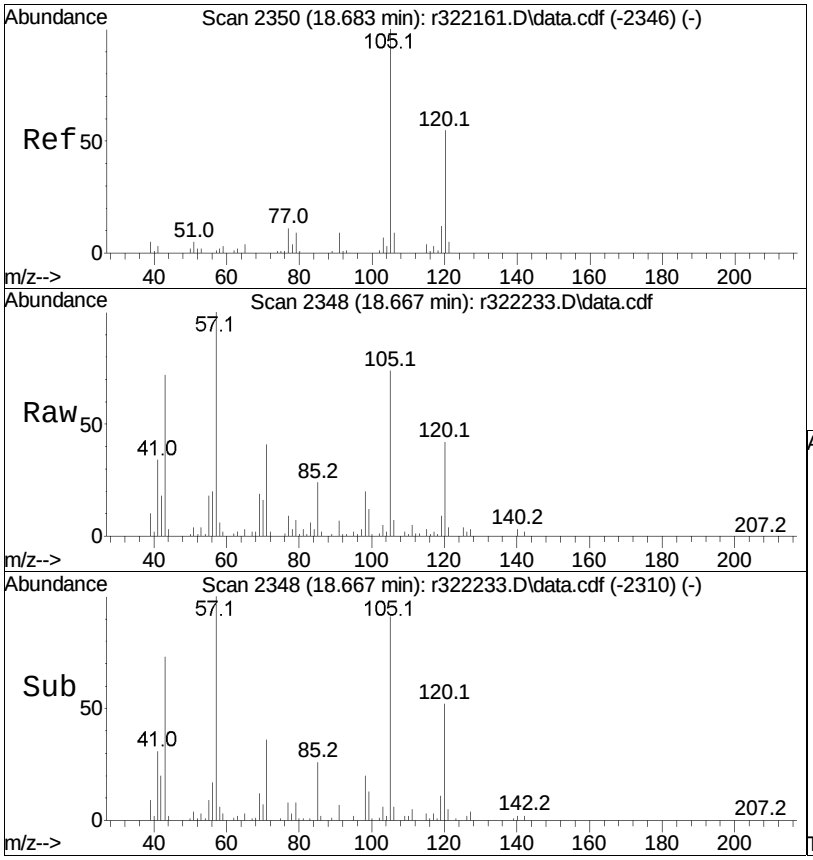


#96
4-ethyl toluene
Concen: 0.77 ppbV m
RT: 18.608 min Scan# 2341
Delta R.T. -0.008 min
Lab File: r322233.D
Acq: 19 May 2022 9:34 PM

Tgt Ion:105 Resp: 103768

Ion	Ratio	Lower	Upper
105	100		
120	35.8	28.6	42.8
91	12.9	7.4	11.2#

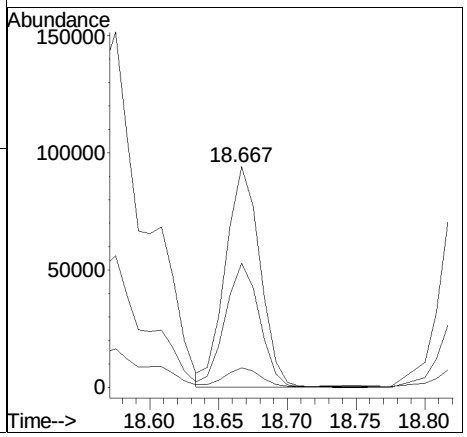


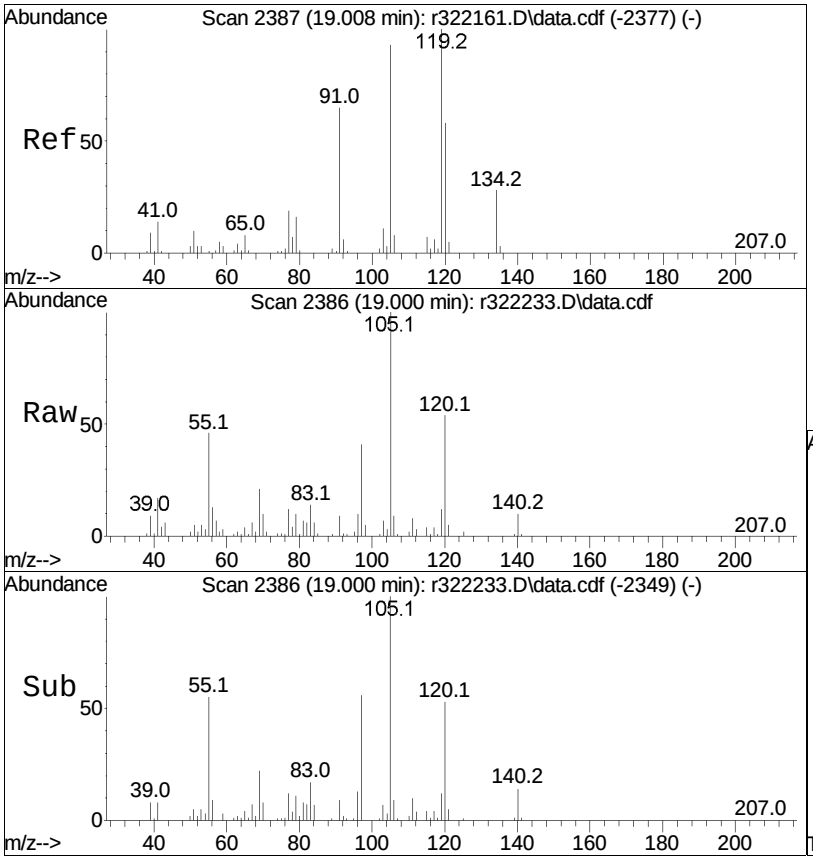


#97
1,3,5-trimethylbenzene
Concen: 1.33 ppbV
RT: 18.667 min Scan# 2348
Delta R.T. -0.017 min
Lab File: r322233.D
Acq: 19 May 2022 9:34 PM

Tgt Ion:105 Resp: 164690

Ion	Ratio	Lower	Upper
105	100		
120	56.2	43.7	65.5
91	8.9	7.0	10.4

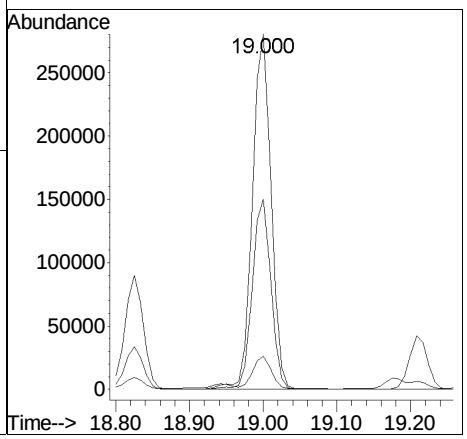




#99
1,2,4-trimethylbenzene
Concen: 4.54 ppbV
RT: 19.000 min Scan# 2386
Delta R.T. -0.008 min
Lab File: r322233.D
Acq: 19 May 2022 9:34 PM

Tgt Ion:105 Resp: 492720

Ion	Ratio	Lower	Upper
105	100		
120	53.6	49.4	74.2
91	9.3	55.8	83.8#

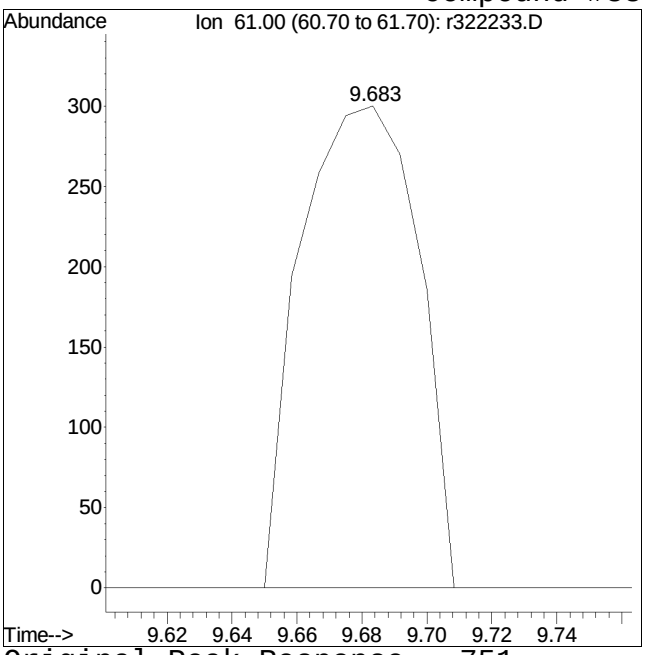


Manual Integration Report

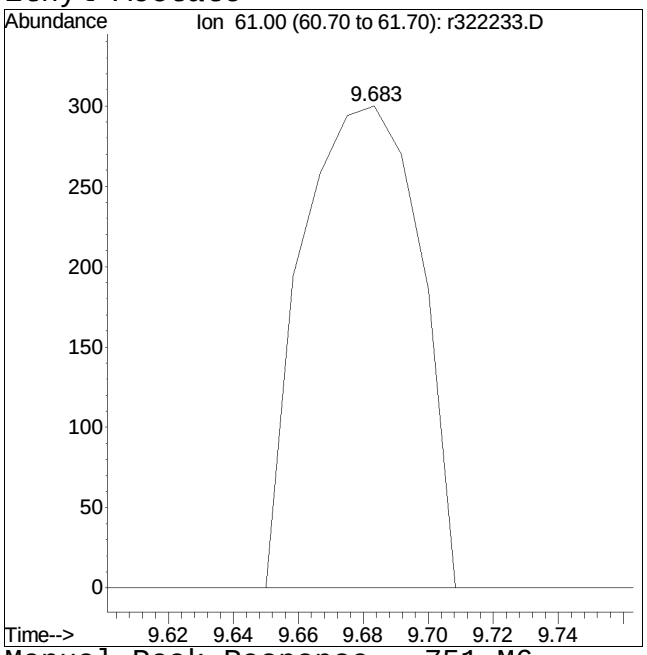
Data Path : O:\Forensics\Data\AirpianoQ
Data File : r322233.D
Date Inj'd : 5/19/2020 0:9: 4
Sample : WG1640711-5,3,250,250

Method : TFS3_220516.M
Operator : AIRPIANO3:TS
Instrument :
Quant Date : 5/20/2022 8:06 am

Compound #38: Ethyl Acetate



Original Peak Response = 751



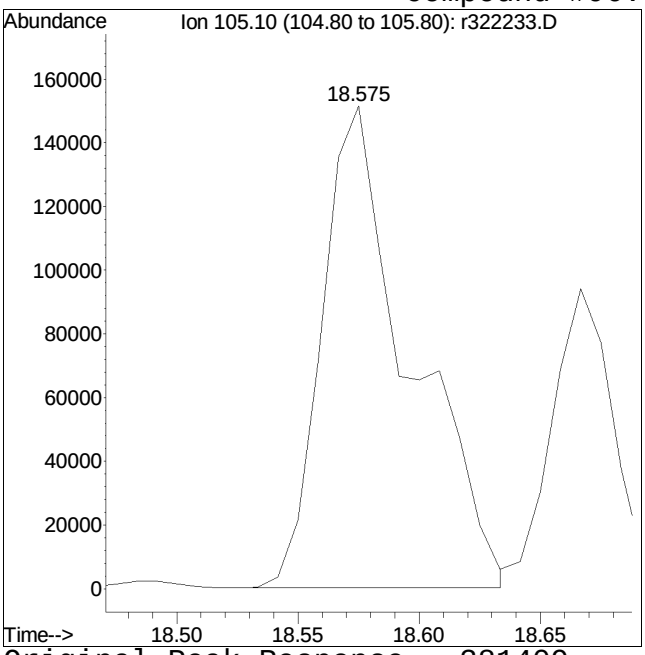
Manual Peak Response = 751 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

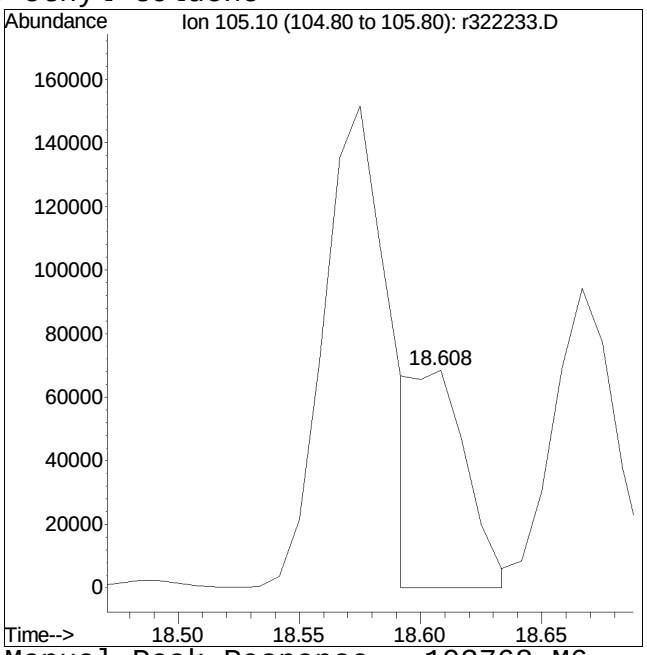
Manual Integration Report

Data Path : O:\Forensics\Data\AirpianoQMethod : TFS3_220516.M
Data File : r322233.D Operator : AIRPIANO3:TS
Date Inj'd : 5/19/2020 0:9: 4 Instrument :
Sample : WG1640711-5,3,250,250 Quant Date : 5/20/2022 8:06 am

Compound #96: 4-ethyl toluene



Original Peak Response = 381409



Manual Peak Response = 103768 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0519T\
Data File : r322249.D
Acq On : 20 May 2022 8:10 AM
Operator : AIRPIANO3:TS
Sample : WG1640711-5D,3,30,250
Misc : WG1640711,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 20 09:44:56 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0519T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0519T\r322225.D
Sub List : Acetone - .

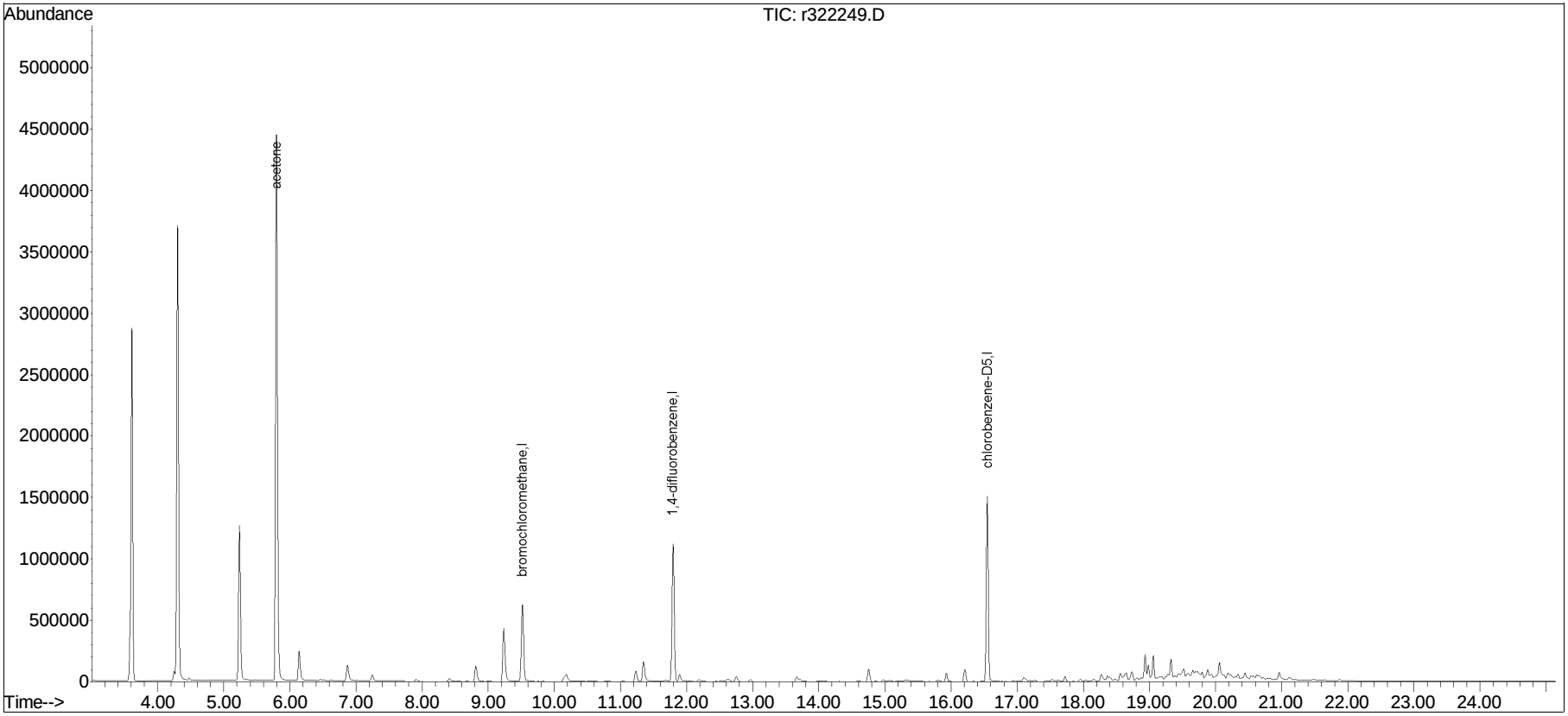
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.517	49	414948	10.000	ppbV	-0.05
Standard Area = 440035			Recovery =		94.30%	
43) 1,4-difluorobenzene	11.793	114	1249343	10.000	ppbV	-0.05
Standard Area = 1334123			Recovery =		93.65%	
67) chlorobenzene-D5	16.550	54	197307	10.000	ppbV	-0.03
Standard Area = 210666			Recovery =		93.66%	
System Monitoring Compounds						
Target Compounds						Qvalue
19) acetone	5.797	43	5315114	233.816	ppbV	90

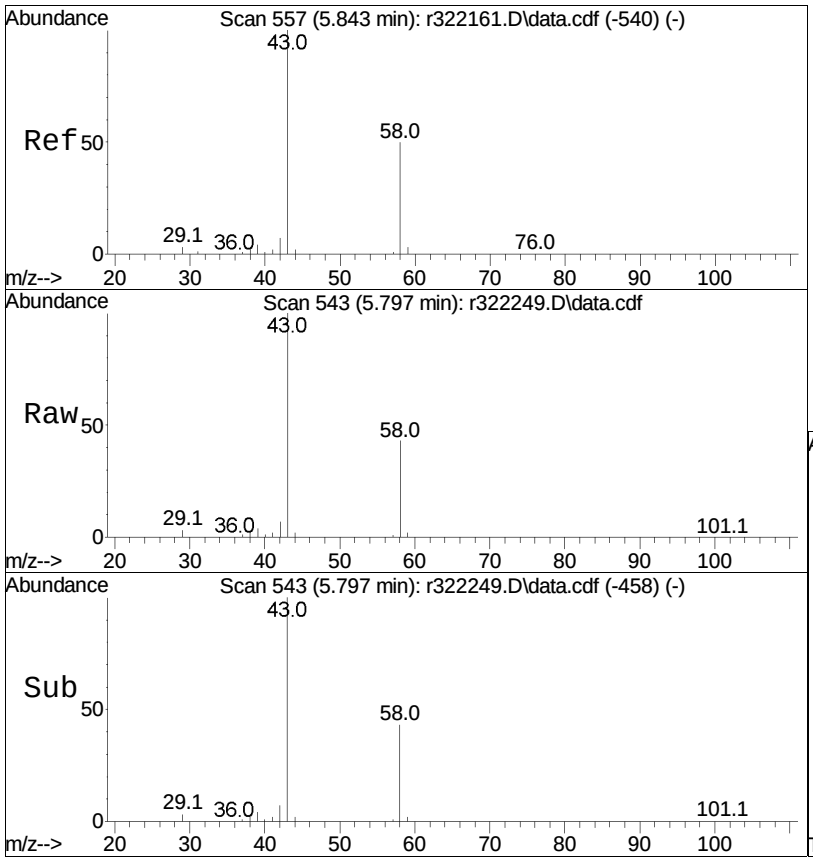
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Acetone - .s\Data\Airpiano3\2022\05\0519T\r322225.D

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0519T\
Data File : r322249.D
Acq On : 20 May 2022 8:10 AM
Operator : AIRPIANO3:TS
Sample : WG1640711-5D,3,30,250
Misc : WG1640711,ICAL19030
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 20 09:44:56 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0519T\TFS3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 15:52:12 2022
Response via : Initial Calibration

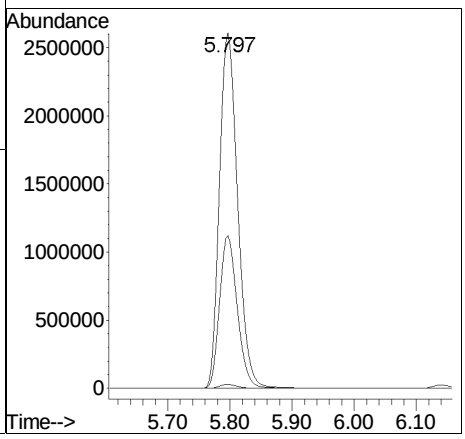




#19
acetone
Concen: 233.82 ppbV
RT: 5.797 min Scan# 543
Delta R.T. -0.047 min
Lab File: r322249.D
Acq: 20 May 2022 8:10 AM

Tgt Ion: 43 Resp: 5315114

Ion	Ratio	Lower	Upper
43	100		
58	43.0	39.8	59.8
57	1.2	1.0	1.6



Manual Integration Report

Data Path	: O:\Forensics\Data\Airpiano	QMethod	: TFS3_220516.M
Data File	: r322249.D	Operator	: AIRPIANO3:TS
Date Inj'd	: 5/20/2020 0:8: 0	Instrument	:
Sample	: WG1640711-5D,3,30,250	Quant Date	: 5/20/2022 9:40 am

There are no manual integrations or false positives in this file.

Calculation of Volatile Organic Compounds in Air

The instrument will calculate the concentration (ppbv). If the sample is diluted (DF), the result is multiplied by the DF to generate the final result.

Result, ppbv = C_s x DF
Where:
C_s = Concentration of sample (ppbv)
DF = Dilution Factor

Calculation of Instrument Dilution Factor

For dilutions, smaller sample volumes (< 250mL) are analyzed. The smallest volume that can be analyzed with accuracy is 10 mL.

Samples that arrive at the laboratory with pressures below -15 inches Hg must be pressurized with zero air to greater than -15 inches Hg. This pressurization results in a dilution factor.

Calculation of Dilution Factor
$DF = V_{cf} / V_{ci}$
Where:
V_{ci} = volume of air in canister prior to pressurization, L
P =

Conversion of ppbv to ug/m^3
ug/m^3 = (ppbv) * MW / 24.47
Where:
24.47 = molar gas constant (g/g-mole)
MW = molecular weight of the compound of interest

Dilution Factor for Pressurization of Subatmospheric Samples: Three Steps

Step 1: Calculate the volume in the canister prior to pressurization (Assume a 2.7 liter canister is used).

Dilution Factor for Pressurization of Subatmospheric Samples: Three Steps

Step 1: Calculate the volume in the canister prior to pressurization (Assume a 2.7 liter canister is used).

$V_{ci} = 2.7 * Pl/14.696$

Step 2: Calculate the volume in the canister after pressurization.

$V_{cf} = 2.7 * PF/14.696$

Step 3: Calculate the dilution factor.

$DF = V_{cf} / V_{ci}$

Where:

V_{ci} = volume of air in canister prior to pressurization, L
PI = pressure reading of canister prior to pressurization (psia)
V_{cf} = volume of air in canister after pressurization, L
PF = pressure reading of canister after pressurization (psia)
DF = dilution factor
14.696 = atmospheric pressure (psia)

ALPHA ANALYTICAL LABORATORIES, INC.

Alpha WORK GROUP REPORT (wk02)

May 20 2022, 01:58 pm

Work Group: WG1640147 for Department: 3 GC/MS

Created: 18-MAY-22 Due: Operator: JB

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2224240-01	VTX-IA-1	S	TO15-LL	AIR	DONE	U	0605	0519	1D	Can-6
L2224240-02	VTX-IA-2	S	TO15-LL	AIR	DONE	U	0605	0519	1D	Can-6
L2224240-03	VTX-IA-3	S	TO15-LL	AIR	DONE	U	0605	0519	1D	Can-6
L2224240-04	VTX-IA-4	S	TO15-LL	AIR	DONE	U	0605	0519	1D	Can-6
L2224240-05	VTX-IA-5	S	TO15-LL	AIR	DONE	U	0605	0519	1D	Can-6
L2224240-06	VTX-AA-1	S	TO15-LL	AIR	DONE	U	0605	0519	1D	Can-6
L2225019-01	BARKER-IA-B01	S	TO15-LL	AIR	DONE	U	0610	0518	2E	Can-6
L2225019-02	BARKER-IA-B02	S	TO15-LL	AIR	DONE	U	0610	0518	2E	Can-6
L2225019-03	BARKER-IA-B03	S	TO15-LL	AIR	DONE	U	0610	0518	2E	Can-6
L2225019-04	BARKER-IA-B04	S	TO15-LL	AIR	DONE	U	0610	0518	2E	Can-6
L2225019-05	BARKER-IA-B05	S	TO15-LL	AIR	DONE	U	0610	0518	2E	Can-6
L2225019-06	BARKER-IA-B06	S	TO15-LL	AIR	DONE	U	0610	0518	2E	Can-6
L2225019-07	BARKER-IA-B07	S	TO15-LL	AIR	DONE	U	0610	0518	2E	Can-6
L2225019-08	BARKER-AA-01	S	TO15-LL	AIR	DONE	U	0610	0518	2E	Can-6
L2225590-06	IA01	S	TO15-LL	AIR	DONE	U	0611	0520	2E	Can-6
L2225590-07	IA02	S	TO15-LL	AIR	DONE	U	0611	0520	2E	Can-6
L2225590-08	IA03	S	TO15-LL	AIR	DONE	U	0611	0520	2E	Can-6
L2225590-09	IA04	S	TO15-LL	AIR	DONE	U	0611	0520	2E	Can-6
L2225590-10	IA05	S	TO15-LL	AIR	DONE	U	0611	0520	2E	Can-6
L2225590-11	AA01	S	TO15-LL	AIR	DONE	U	0611	0520	2E	Can-6
WG1640147-1	MS BFB Tune Standard	S	TO15-LL	AIR	DONE	U				
WG1640147-2	Continuing Calibrati	S	TO15-LL	AIR	DONE	U				
WG1640147-3	Laboratory Control S	S	TO15-LL	AIR	DONE	U				
WG1640147-4	Laboratory Method Bl	S	TO15-LL	AIR	DONE	U				
WG1640147-5	Duplicate Sample	S	TO15-LL	AIR	DONE	U				

Comments:

WG1640147-5 L2225590-10

ALPHA ANALYTICAL LABORATORIES, INC.

Alpha WORK GROUP REPORT (wk02)

May 20 2022, 01:58 pm

Work Group: WG1640711 for Department: 3 GC/MS

Created: 19-MAY-22 Due: Operator: JB

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2225590-01	SSV01	S	TO15-LL	SOIL_VAPOR	DONE	U	0611	0520	2E	Can-6
L2225590-02	SSV02	S	TO15-LL	SOIL_VAPOR	DONE	U	0611	0520	2E	Can-6
L2225590-03	SSV03	S	TO15-LL	SOIL_VAPOR	DONE	U	0611	0520	2E	Can-6
L2225590-04	SSV04	S	TO15-LL	SOIL_VAPOR	DONE	U	0611	0520	2E	Can-6
L2225590-05	SSV05	S	TO15-LL	SOIL_VAPOR	DONE	U	0611	0520	2E	Can-6
WG1640711-1	MS BFB Tune Standard	S	TO15-LL	SOIL_VAPOR	DONE	U				
WG1640711-2	Continuing Calibrati	S	TO15-LL	SOIL_VAPOR	DONE	U				
WG1640711-3	Laboratory Control S	S	TO15-LL	SOIL_VAPOR	DONE	U				
WG1640711-4	Laboratory Method Bl	S	TO15-LL	SOIL_VAPOR	DONE	U				
WG1640711-5	Duplicate Sample	S	TO15-LL	SOIL_VAPOR	DONE	U				

Comments:

WG1640711-5 L2225590-04

Alpha Analytical Air Lab
Instrument Run Log

nt ID:	Airpiano3	Internal Standard/Surrogate IDs:	SS20-028 / SS21-026
Date:	05/16/22	Internal Standard/Surrogate Volume:	100 ml
Initials:	AR	Sequence File Name:	220516.S

AS Position #	Sample ID	Acquisition Method	Data File ID	Standard ID or Batch ID #, ICAL Ref #	Comment (s)	Product/ sublist	Leak Check Pass ? Y/N
1	BA3051601	TO15_SFS.qgm	R322150.qgd	250 mL			NA
1	BA3051602	TO15_SFS.qgm	R322151.qgd	250 mL			NA
1	BA3051603	TO15_SFS.qgm	R322152.qgd	250 mL			NA
1	TA3051601	TO15_SFS.qgm	R322153.qgd	250 mL	TUNE		NA
5	ITO15-SIMSTD0.02	TO15_SFS.qgm	R322154.qgd	50 mL SS21-036D	SIM ONLY	DEF	NA
5	ITO15-SIMSTD0.05	TO15_SFS.qgm	R322155.qgd	125 mL SS21-036D	SIM ONLY	DEF	NA
5	ITO15-SIMSTD0.1	TO15_SFS.qgm	R322156.qgd	250 mL SS21-036D	SIM ONLY	DEF	NA
6	ITO15-SIMSTD0.2	TO15_SFS.qgm	R322157.qgd	50 mL SS21-036C		DEF	NA
6	ITO15-SIMSTD0.5	TO15_SFS.qgm	R322158.qgd	125 mL SS21-036C		DEF	NA
6	ITO15-SIMSTD1.0	TO15_SFS.qgm	R322159.qgd	250 mL SS21-036C		DEF	NA
7	ITO15-SIMSTD5.0	TO15_SFS.qgm	R322160.qgd	125 mL SS21-036B		DEF	NA
7	ITO15-SIMSTD010	TO15_SFS.qgm	R322161.qgd	250 mL SS21-036B		DEF	NA
8	ITO15-SIMSTD020	TO15_SFS.qgm	R322162.qgd	50 mL SS21-036A		DEF	NA
8	ITO15-SIMSTD050	TO15_SFS.qgm	R322163.qgd	125 mL SS21-036A		DEF	NA
8	ITO15-LLSTD100	TO15_SFS.qgm	R322164.qgd	250 mL SS21-036A	LL ONLY	DEF	NA
1	BA3051601	TO15_SFS.qgm	R322165.qgd	250 mL		DEF	NA
1	BA3051602	TO15_SFS.qgm	R322166.qgd	250 mL		DEF	NA
2	CTO15-LLSTD010	TO15_SFS.qgm	R322167.qgd	250 mL SS22-004C	LL ICV	DEF ICV AP2	NA
2	CTO15-SIMSTD5.0	TO15_SFS.qgm	R322168.qgd	125 mL SS22-004C	SIM ICV	DEF ICV AP2	NA

Alpha Analytical Air Lab
Instrument Run Log

Date(s) of Initial Calibration: Refer to Initial Calibration Summary Form 6

Date Acquired: see Instrument Performance Check Summary and/or quantitation report.

Sample ID information: L1301234-01,3,250,250 { Lab sample ID, dept #, actual volume analyzed (mL), nominal volume analyzed (mL) }

Dilution Factor: See Form 1 report, or divide nominal volume by actual volume analyzed

Alpha Analytical Air Lab
Instrument Run Log

nt ID:	Airpiano3	Internal Standard/Surrogate IDs:	SS20-028 / SS21-026
Date:	05/17/22	Internal Standard/Surrogate Volume:	100 ml
Initials:	JB	Sequence File Name:	220517.S

AS Position #	Sample ID	Acquisition Method	Data File ID	Standard ID or Batch ID #, ICAL Ref #	Comment (s)	Product/ sublist	Leak Check Pass ? Y/N
1	TA3051801	TO15_SFS.qgm	R322192.qgd	250 mL	TUNE		NA
2	CA3051801	TO15_SFS.qgm	R322193.qgd	250mL SS22-006C	NJ CC FAILS		NA
3	CTO15-LLSTD10.0	TO15_SFS.qgm	R322194.qgd	250 mL SS22-005B	LL LCS	BF BC FAIL HIGH	NA
3	CTO15-SIMSTD05.0	TO15_SFS.qgm	R322195.qgd	125 mL SS22-005B	SIM LCS	C12DCE OUT IN ICV	NA
1	BA3051801	TO15_SFS.qgm	R322196.qgd	250 mL	LL BLANK		NA
1	BA3051802	TO15_SFS.qgm	R322197.qgd	250 mL	SIM BLANK		NA
1	L2225019-08,3,250,250	TO15_SFS.qgm	R322198.qgd	WG1640147,ICAL19030		NY-7SIM	Y
2	L2225590-11,3,250,250	TO15_SFS.qgm	R322199.qgd	WG1640147,ICAL19030		NY-7SIM	Y
3	L2224240-06,3,250,250	TO15_SFS.qgm	R322200.qgd	WG1640147,ICAL19030		NY-7SIM	Y
4	L2224240-05,3,250,250	TO15_SFS.qgm	R322201.qgd	WG1640147,ICAL19030	CIS12DCE HIT	NY-7SIM	Y
5	L2224240-04,3,250,250	TO15_SFS.qgm	R322202.qgd	WG1640147,ICAL19030	CIS12DCE HIT	NY-7SIM	Y
6	L2224240-03,3,250,250	TO15_SFS.qgm	R322203.qgd	WG1640147,ICAL19030	CIS12DCE HIT	NY-7SIM	Y
7	L2224240-02,3,250,250	TO15_SFS.qgm	R322204.qgd	WG1640147,ICAL19030	CIS12DCE HIT	NY-7SIM	Y
8	L2224240-01,3,250,250	TO15_SFS.qgm	R322205.qgd	WG1640147,ICAL19030	CIS12DCE HIT	NY-7SIM	Y
9	L2225590-10,3,250,250	TO15_SFS.qgm	R322206.qgd	WG1640147,ICAL19030		NY-7SIM	Y
9	L2225590-10DUP,3,250,250	TO15_SFS.qgm	R322207.qgd	WG1640147,ICAL19030	LL/SIM DUP	NY-7SIM	Y
10	L2225590-09,3,250,250	TO15_SFS.qgm	R322208.qgd	WG1640147,ICAL19030		NY-7SIM	Y
11	L2225590-08,3,250,250	TO15_SFS.qgm	R322209.qgd	WG1640147,ICAL19030		NY-7SIM	Y
12	L2225590-07,3,250,250	TO15_SFS.qgm	R322210.qgd	WG1640147,ICAL19030		NY-7SIM	Y
13	L2225590-06,3,250,250	TO15_SFS.qgm	R322211.qgd	WG1640147,ICAL19030		NY-7SIM	Y
14	L2225019-01,3,250,250	TO15_SFS.qgm	R322212.qgd	WG1640147,ICAL19030	11 DCE AND CIS12DCE HIT	NY-7SIM	Y
15	L2225019-02,3,250,250	TO15_SFS.qgm	R322213.qgd	WG1640147,ICAL19030	CIS12DCE HIT; ETOH OVERCAL	NY-7SIM	Y

Alpha Analytical Air Lab
Instrument Run Log

16	L2225019-03,3,250,250	TO15_SFS.qgm	R322214.qgd	WG1640147,ICAL19030	CIS12DCE HIT; ETOH OVERCAL	NY-7SIM	Y
1	L2225019-04,3,250,250	TO15_SFS.qgm	R322215.qgd	WG1640147,ICAL19030	11 DCE AND CIS12DCE HIT	NY-7SIM	Y
2	L2225019-05,3,250,250	TO15_SFS.qgm	R322216.qgd	WG1640147,ICAL19030	11DCE AND CIS12DCE HIT; ETOH OVERCAL	NY-7SIM	Y
3	L2225019-06,3,250,250	TO15_SFS.qgm	R322217.qgd	WG1640147,ICAL19030	CIS12DCE HIT	NY-7SIM	Y
4	L2225019-07,3,250,250	TO15_SFS.qgm	R322218.qgd	WG1640147,ICAL19030	MECL2 OVERCAL	NY-7SIM	Y
15	L2225019-02D,3,50,250	TO15_SFS.qgm	R322219.qgd	WG1640147,ICAL19030		ETOH	Y
16	L2225019-03D,3,75,250	TO15_SFS.qgm	R322220.qgd	WG1640147,ICAL19030		ETOH	Y
2	L2225019-05D,3,25,250	TO15_SFS.qgm	R322221.qgd	WG1640147,ICAL19030		ETOH	Y
4	L2225019-07D,3,75,250	TO15_SFS.qgm	R322222.qgd	WG1640147,ICAL19030		MECL2	Y

Alpha Analytical Air Lab
Instrument Run Log

Instrument ID:	Airpiano3	Internal Standard/Surrogate IDs:	SS20-028 / SS21-026
Date:	05/19/22	Internal Standard/Surrogate Volume:	100 ml
Analyst Initials:	NL	Sequence File Name:	220519.S

#	Sample ID	Method	ID	Ref #	(s)	Product/ sublist	s ? Y/N
1	TA3051901	TO15_SFS.qgm	R322223.qgd	250 mL	TUNE		NA
2	CA3051901	TO15_SFS.qgm	R322224.qgd	250mL SS22-006E	NJ CC FAILS		NA
3	CTO15-LLSTD10.0	TO15_SFS.qgm	R322225.qgd	250 mL SS22-005A	LL LCS		NA
3	CTO15-SIMSTD05.0	TO15_SFS.qgm	R322226.qgd	125 mL SS22-005A	SIM LCS		NA
1	BA3051901	TO15_SFS.qgm	R322227.qgd	250 mL	LL BLANK		NA
1	BA3051902	TO15_SFS.qgm	R322228.qgd	250 mL	SIM BLANK		NA
1	L2225590-01,3,250,250	TO15_SFS.qgm	R322229.qgd	WG1640710,ICAL19031		NY	Y
2	L2225590-02,3,250,250	TO15_SFS.qgm	R322230.qgd	WG1640710,ICAL19031		NY	Y
3	L2225590-03D,3,3.21,250	TO15_SFS.qgm	R322231.qgd	WG1640710,ICAL19031		NY	Y
4	L2225590-04,3,250,250	TO15_SFS.qgm	R322232.qgd	WG1640710,ICAL19031	ACETONE OVERCAL	NY	Y
4	L2225590-04DUP,3,250,250	TO15_SFS.qgm	R322233.qgd	WG1640710,ICAL19031	LL DUP	NY	Y
5	L2225590-05,3,250,250	TO15_SFS.qgm	R322234.qgd	WG1640710,ICAL19031		NY	Y
6	L2223605-03,3,250,250	TO15_SFS.qgm	R322235.qgd	WG1640710,ICAL19031	CANNOT REPORT, RERUN	IBM POK NS	Y
7	L2223617-03,3,250,250	TO15_SFS.qgm	R322236.qgd	WG1640710,ICAL19031	CANNOT REPORT, RERUN	IBM POK NS	Y
8	L2223617-06,3,250,250	TO15_SFS.qgm	R322237.qgd	WG1640710,ICAL19031	CANNOT REPORT, RERUN	IBM POK NS	Y
9	L2223617-09,3,250,250	TO15_SFS.qgm	R322238.qgd	WG1640710,ICAL19031	CANNOT REPORT, RERUN	IBM POK NS	Y
10	L2223605-02,3,250,250	TO15_SFS.qgm	R322239.qgd	WG1640710,ICAL19031	CANNOT REPORT, RERUN	IBM POK NS	Y
11	L2223617-02D,3,30,250	TO15_SFS.qgm	R322240.qgd	WG1640710,ICAL19031	CANNOT REPORT, RERUN	IBM POK NS	Y
11	L2223617-02DUPD,3,30,250	TO15_SFS.qgm	R322241.qgd	WG1640710,ICAL19031	CANNOT REPORT, RERUN	IBM POK NS	Y
12	L2223617-05,3,250,250	TO15_SFS.qgm	R322242.qgd	WG1640710,ICAL19031	CANNOT REPORT, RERUN	IBM POK NS	Y
13	L2223617-08,3,250,250	TO15_SFS.qgm	R322243.qgd	WG1640710,ICAL19031	CANNOT REPORT, RERUN	IBM POK NS	Y
14	L2223605-01D,3,135,250	TO15_SFS.qgm	R322244.qgd	WG1640710,ICAL19031	CANNOT REPORT, RERUN	IBM POK NS	Y
15	L2223617-01D,3,12.43,250	TO15_SFS.qgm	R322245.qgd	WG1640710,ICAL19031	CANNOT REPORT, RERUN	IBM POK NS	Y
16	L2223617-04D,3,5.2,250	TO15_SFS.qgm	R322246.qgd	WG1640710,ICAL19031	CANNOT REPORT, RERUN	IBM POK NS	Y
1	L2223617-07D,3,125,250	TO15_SFS.qgm	R322247.qgd	WG1640710,ICAL19031	CANNOT REPORT, RERUN	IBM POK NS	Y
4	L2225590-04D,3,30,250	TO15_SFS.qgm	R322248.qgd	WG1640710,ICAL19031		ACETONE	Y

Alpha Analytical Air Lab
Instrument Run Log

4	L2225590-04DUPD,3,30,250	TO15_SFS.qgm	R322249.qgd	WG1640710,ICAL19031		ACETONE	Y

Alpha Analytical, Inc.
Canister Dilution Worksheet

	NJDEP Required Information							Pressurization Dilution				Can Dilution				Instrument Dilution				
Sample ID	Can size, L	P_1, in Hg	P_1, atm	V_1, L	P_2, in Hg	P_2, atm	V_2, L	P_1, psia	P_2, psia	Dilution factor	Gas Used*	Volume injected, mL	Final Pressure, psia	Volume of Dilution Gas in Can, L	Can dilution factor	Volume of Bag or Can Analyzed, mL	Instrument Dilution Factor	Final Dilution Factor **	Final Volume Injected, mL ***	Analyst Initials
L2225590-03D	6.0	-3.00	0.90	5.40	11.90	1.40	8.38	13.2	20.5	1.55	N2	100	29.4	2.00	20.04	100	2.50	77.81	3.21	NL

*N2 = Nitrogen and H2= Hydrogen

** Dilution factor on this spreadsheet may differ from reported dilution factor (calculated by LIMs) due to different rounding rules

*** Reported to 2 decimal places unless 0.01 or less; then 3 decimal places are reported

Analyst data input fields

Analyst Comments:

in Hg = ((psia/14.67)*29.94)-29.94 atm =psia/14.67 psig=psia - 14.67 psia = dilution instrument reading

GC/MS VOA
Air Analysis
Selective Ion Monitoring

Volatiles QC Summary

Lab Duplicate Sample Summary
Form 3
Air Volatiles

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Client Sample ID	: IA05	**Matrix**	: AIR
Lab Sample ID	: L2225590-10	**Analysis Date**	: 05/18/22 23:47
Lab File ID	: R322206_EV2	**DUP File ID**	: r322207_Ev2
Dup Sample ID	: WG1640149-5	**DUP Analysis Date**	: 05/19/22 00:26

Parameter	Sample Concentration (ppbV)	Duplicate Concentration (ppbV)	RPD	RPD Limit
Vinyl chloride	ND	ND	NC	25
1,1-Dichloroethene	ND	ND	NC	25
cis-1,2-Dichloroethene	ND	ND	NC	25
1,1,1-Trichloroethane	ND	ND	NC	25
Carbon tetrachloride	0.092	0.098	6	25
Trichloroethene	ND	ND	NC	25
Tetrachloroethene	0.069	0.068	1	25

Laboratory Control Sample Summary
Form 3
Air Volatiles

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Matrix	: AIR		
LCS Sample ID	: WG1640149-3 **Analysis Date** : 05/18/22 14:29	**File ID**	: r322195_Ev2
LCSD Sample ID	: **Analysis Date** :	**File ID**	:

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ppbV)	Found (ppbV)	%R	True (ppbV)	Found (ppbV)	%R	RPD	Recovery Limits	RPD Limit
Vinyl chloride	5	6.26	125				-	70-130	25
1,1-Dichloroethene	5	6.45	129				-	70-130	25
cis-1,2-Dichloroethene	5	6.31	126				-	70-130	25
1,1,1-Trichloroethane	5	6.21	124				-	70-130	25
Carbon tetrachloride	5	6.10	122				-	70-130	25
Trichloroethene	5	6.25	125				-	70-130	25
Tetrachloroethene	5	6.05	121				-	70-130	25

Method Blank Summary
Form 4
Air Volatiles

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Lab Sample ID	: WG1640149-4	**Lab File ID**	: r322197_Ev2
Instrument ID	: AIRPIANO3		
Matrix	: AIR	**Analysis Date**	: 05/18/22 16:43

Client Sample No.	Lab Sample ID	Analysis Date
WG1640149-3LCS	WG1640149-3	05/18/22 14:29
AA01	L2225590-11	05/18/22 18:56
IA05	L2225590-10	05/18/22 23:47
IA05DUP	WG1640149-5	05/19/22 00:26
IA04	L2225590-09	05/19/22 01:07
IA03	L2225590-08	05/19/22 01:46
IA02	L2225590-07	05/19/22 02:26
IA01	L2225590-06	05/19/22 03:06

Instrument Performance Check (Tune) Summary
Form 5
Air Volatiles
Bromofluorobenzene (BFB)

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Instrument ID	: AIRPIANO3	**Analysis Date**	: 05/16/22 20:39
Tune Standard	: WG1639637-1	**Tune File ID**	: r322153_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	8.0 - 40.0% of mass 95	14.6
75	30.0 - 66.0% of mass 95	39.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.5 (.6)1
174	50.0 - 120.0% of mass 95	74
175	4.0 - 9.0% of mass 174	5.2 (7.1)1
176	93.0 - 101% of mass 174	71.8 (97)1
177	5.0 - 9.0% of mass 176	4.6 (6.4)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
STD0.02	R1565322-1	R322154_EV2	05/16/22 21:15
STD0.05	R1565322-2	R322155_EV2	05/16/22 21:52
STD0.1	R1565322-3	R322156_EV2	05/16/22 22:32
STD0.2	R1565322-4	R322157_EV2	05/16/22 23:12
STD0.5	R1565322-5	R322158_EV2	05/16/22 23:53
STD1.0	R1565322-6	R322159_EV2	05/17/22 00:37
STD5.0	R1565322-7	R322160_EV2	05/17/22 01:18
STD010	R1565322-8	R322161_EV2	05/17/22 02:00
STD020	R1565322-9	R322162_EV2	05/17/22 02:39
STD050	R1565322-11	R322163_EV2	05/17/22 03:19
ICV QUANT	R1565322-10	R322168_EV2	05/17/22 11:55

Instrument Performance Check (Tune) Summary
Form 5
Air Volatiles
Bromofluorobenzene (BFB)

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Instrument ID	: AIRPIANO3	**Analysis Date**	: 05/18/22 12:23
Tune Standard	: WG1640149-1	**Tune File ID**	: r322192_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	8.0 - 40.0% of mass 95	14.1
75	30.0 - 66.0% of mass 95	38.8
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.5 (.6)1
174	50.0 - 120.0% of mass 95	77.5
175	4.0 - 9.0% of mass 174	5.5 (7.1)1
176	93.0 - 101% of mass 174	75.4 (97.2)1
177	5.0 - 9.0% of mass 176	5 (6.6)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1640149-2CCAL	WG1640149-2	R322195_EV2	05/18/22 14:29
WG1640149-3LCS	WG1640149-3	R322195_EV2	05/18/22 14:29
WG1640149-4BLANK	WG1640149-4	R322197_EV2	05/18/22 16:43
AA01	L2225590-11	R322199_EV2	05/18/22 18:56
IA05	L2225590-10	R322206_EV2	05/18/22 23:47
WG1640149-5DUP	WG1640149-5	R322207_EV2	05/19/22 00:26
IA04	L2225590-09	R322208_EV2	05/19/22 01:07
IA03	L2225590-08	R322209_EV2	05/19/22 01:46
IA02	L2225590-07	R322210_EV2	05/19/22 02:26
IA01	L2225590-06	R322211_EV2	05/19/22 03:06

Internal Standard Area and RT Summary
Form 8a
Air Volatiles

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Instrument ID	: AIRPIANO3	**Analysis Date**	: 05/18/22 14:29:00
Sample No	: WG1640149-2	**Lab File ID**	: R322195_EV2

	Bromochloromethane		1,4-Difluorobenzene		Chlorobenzene-d5	
	Area	RT	Area	RT	Area	RT
WG1640149-2	266528	9.53	836058	11.81	124605	16.56
Upper Limit	373139	9.86	1170481	12.14	174447	16.89
Lower Limit	159917	9.20	501635	11.48	74763	16.23
Sample ID						
WG1640149-3 LCS	266528	9.53	836058	11.81	124605	16.56
WG1640149-4 BLANK	248280	9.54	777502	11.82	116717	16.56
AA01	248915	9.53	773586	11.81	117867	16.56
IA05	261637	9.53	823120	11.81	122989	16.56
IA05 DUP	259534	9.53	818741	11.81	122354	16.56
IA04	261074	9.53	819938	11.81	123161	16.55
IA03	268056	9.53	844299	11.81	126277	16.55
IA02	262558	9.53	826699	11.81	123627	16.56
IA01	258744	9.53	817437	11.81	123122	16.56

Area Upper Limit = +40% of internal standard area
Area Lower Limit = - 40% of internal standard area

RT Upper Limit = +0.33 minutes of internal standard RT
RT Lower Limit = -0.33 minutes of internal standard RT

* Values outside of QC limits

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Volatile Organics in Air by TO-15 SIM (AIR)

Holding Time: 30 days
Container/Sample Preservation: 1 - Canister - 2.7 Liter

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
1,1,1-Trichloroethane	71-55-6	0.02	0.0083	ppbV	70-130	25		25	25			
1,1,1,2-Tetrachloroethane	630-20-6	0.02	0.0053	ppbV	70-130	25		25	25			
1,1,2,2-Tetrachloroethane	79-34-5	0.02	0.0056	ppbV	70-130	25		25	25			
1,1,2-Trichloroethane	79-00-5	0.02	0.0058	ppbV	70-130	25		25	25			
1,1-Dichloroethane	75-34-3	0.02	0.0073	ppbV	70-130	25		25	25			
1,1-Dichloroethene	75-35-4	0.02	0.0084	ppbV	70-130	25		25	25			
1,2,4-Trimethylbenzene	95-63-6	0.02	0.0043	ppbV	70-130	25		25	25			
1,2-Dibromoethane	106-93-4	0.02	0.008	ppbV	70-130	25		25	25			
1,2-Dichlorobenzene	95-50-1	0.02	0.0098	ppbV	70-130	25		25	25			
1,2-Dichloroethane	107-06-2	0.02	0.0097	ppbV	70-130	25		25	25			
1,2-Dichloropropane	78-87-5	0.02	0.0054	ppbV	70-130	25		25	25			
1,3,5-Trimethylbenzene	108-67-8	0.02	0.0056	ppbV	70-130	25		25	25			
1,3-Butadiene	106-99-0	0.02	0.0097	ppbV	70-130	25		25	25			
1,3-Dichlorobenzene	541-73-1	0.02	0.0056	ppbV	70-130	25		25	25			
1,4-Dichlorobenzene	106-46-7	0.02	0.0053	ppbV	70-130	25		25	25			
1,4-Dioxane	123-91-1	0.1	0.032	ppbV	70-130	25		25	25			
2,2,4-Trimethylpentane	540-84-1	0.2	0.0063	ppbV	70-130	25		25	25			
2-Hexanone	591-78-6	0.2	0.015	ppbV	70-130	25		25	25			
3-Chloropropene	107-05-1	0.2	0.0067	ppbV	70-130	25		25	25			
4-Ethyltoluene	622-96-8	0.02	0.0042	ppbV	70-130	25		25	25			
Benzene	71-43-2	0.1	0.005	ppbV	70-130	25		25	25			
Benzyl chloride	100-44-7	0.1	0.0072	ppbV	70-130	25		25	25			
Bromodichloromethane	75-27-4	0.02	0.0067	ppbV	70-130	25		25	25			
Bromoform	75-25-2	0.02	0.0065	ppbV	70-130	25		25	25			
Bromomethane	74-83-9	0.02	0.0085	ppbV	70-130	25		25	25			
Carbon disulfide	75-15-0	0.2	0.0138	ppbV	70-130	25		25	25			
Carbon tetrachloride	56-23-5	0.02	0.01	ppbV	70-130	25		25	25			
Chlorobenzene	108-90-7	0.1	0.0064	ppbV	70-130	25		25	25			
Chloroethane	75-00-3	0.1	0.0135	ppbV	70-130	25		25	25			
Chloroform	67-66-3	0.02	0.0089	ppbV	70-130	25		25	25			
Chloromethane	74-87-3	0.2	0.024	ppbV	70-130	25		25	25			
cis-1,2-Dichloroethene	156-59-2	0.02	0.0096	ppbV	70-130	25		25	25			
trans-1,2-Dichloroethene	156-60-5	0.02	0.0076	ppbV	70-130	25		25	25			
1,2-Dichloroethene (total)	540-59-0	0.02	0.0076	ppbV				25	25			
cis-1,3-Dichloropropene	10061-01-5	0.02	0.007	ppbV	70-130	25		25	25			
1,3-Dichloropropene, Total	542-75-6	0.02	0.007	ppbV				25	25			
Cyclohexane	110-82-7	0.2	0.0064	ppbV	70-130	25		25	25			
Dibromochloromethane	124-48-1	0.02	0.0086	ppbV	70-130	25		25	25			
Dichlorodifluoromethane	75-71-8	0.2	0.018	ppbV	70-130	25		25	25			
Ethyl Alcohol	64-17-5	5	0.329	ppbV	40-160	25		25	25			
Ethyl Acetate	141-78-6	0.5	0.0307	ppbV	70-130	25		25	25			
Ethylbenzene	100-41-4	0.02	0.0049	ppbV	70-130	25		25	25			

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
Please Note that the information provided in this table is subject to change at anytime at the discretion of Alpha Analytical, Inc.

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Created By: Jason Hebert
File: PM11916-1
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Volatile Organics in Air by TO-15 SIM (AIR)

Holding Time: 30 days
Container/Sample Preservation: 1 - Canister - 2.7 Liter

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	0.05	0.0088	ppbV	70-130	25		25	25			
1,2-Dichloro-1,1,2,2-tetrafluoroethane	76-14-2	0.05	0.0072	ppbV	70-130	25		25	25			
Methylene chloride	75-09-2	0.5	0.0131	ppbV	70-130	25		25	25			
Methyl tert butyl ether	1634-04-4	0.2	0.0083	ppbV	70-130	25		25	25			
Naphthalene	91-20-3	0.05	0.035	ppbV	70-130	25		25	25			
p/m-Xylene	179601-23-1	0.04	0.019	ppbV	70-130	25		25	25			
o-Xylene	95-47-6	0.02	0.0067	ppbV	70-130	25		25	25			
Heptane	142-82-5	0.2	0.0041	ppbV	70-130	25		25	25			
n-Hexane	110-54-3	0.2	0.0048	ppbV	70-130	25		25	25			
Propylene	115-07-1	0.5	0.0465	ppbV	70-130	25		25	25			
Styrene	100-42-5	0.02	0.0049	ppbV	70-130	25		25	25			
Tetrachloroethene	127-18-4	0.02	0.0078	ppbV	70-130	25		25	25			
Tetrahydrofuran	109-99-9	0.5	0.0066	ppbV	70-130	25		25	25			
Toluene	108-88-3	0.1	0.014	ppbV	70-130	25		25	25			
trans-1,3-Dichloropropene	10061-02-6	0.02	0.007	ppbV	70-130	25		25	25			
Trichloroethene	79-01-6	0.02	0.0062	ppbV	70-130	25		25	25			
1,2,4-Trichlorobenzene	120-82-1	0.05	0.03	ppbV	70-130	25		25	25			
Trichlorofluoromethane	75-69-4	0.05	0.0095	ppbV	70-130	25		25	25			
Vinyl acetate	108-05-4	1	0.0111	ppbV	70-130	25		25	25			
Vinyl bromide	593-60-2	0.2	0.0099	ppbV	70-130	25		25	25			
Hexachlorobutadiene	87-68-3	0.05	0.017	ppbV	70-130	25		25	25			
iso-Propyl Alcohol	67-63-0	0.5	0.179	ppbV	40-160	25		25	25			
Vinyl chloride	75-01-4	0.02	0.0072	ppbV	70-130	25		25	25			
Acrylonitrile	107-13-1	0.5	0.0245	ppbV	70-130	25		25	25			
n-Butylbenzene	104-51-8	0.2	0.0048	ppbV	70-130	25		25	25			
sec-Butylbenzene	135-98-8	0.2	0.0032	ppbV	70-130	25		25	25			
Isopropylbenzene	98-82-8	0.2	0.0053	ppbV	70-130	25		25	25			
Xylene (Total)	1330-20-7	0.02	0.0067	ppbV				25	25			
p-Isopropyltoluene	99-87-6	0.2	0.0045	ppbV	70-130	25		25	25			
Acetone	67-64-1	1	0.299	ppbV	40-160	25		25	25			
2-Butanone	78-93-3	0.5	0.027	ppbV	70-130	25		25	25			
4-Methyl-2-pentanone	108-10-1	0.5	0.012	ppbV	70-130	25		25	25			
1,2,3-Trichlorobenzene	87-61-6	0.05	0.0134	ppbV	70-130	25		25	25			
Acrolein	107-02-8	0.05	0.0387	ppbV	60-113	25		25	25			
1,2-Dichloroethane-d4	*17060-07-0*									*70-130*		
Toluene-d8	*2037-26-5*									*70-130*		
Bromofluorobenzene	*460-00-4*									*70-130*		

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
Please Note that the information provided in this table is subject to change at anytime at the discretion of Alpha Analytical, Inc.

Volatiles Sample Data

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Lab ID	: L2225590-06	**Date Collected**	: 05/12/22 17:21
Client ID	: IA01	**Date Received**	: 05/13/22
Sample Location	: MASPETH, NY	**Date Analyzed**	: 05/19/22 03:06
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15-SIM	**Analyst**	: TS
Lab File ID	: R322211_EV2	**Instrument ID**	: AIRPIANO3
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
75-01-4	Vinyl chloride	ND	0.020	--	ND	0.051	--	U
75-35-4	1,1-Dichloroethene	ND	0.020	--	ND	0.079	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
71-55-6	1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--	U
56-23-5	Carbon tetrachloride	0.093	0.020	--	0.585	0.126	--	
79-01-6	Trichloroethene	ND	0.020	--	ND	0.107	--	U
127-18-4	Tetrachloroethene	0.055	0.020	--	0.373	0.136	--	

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Lab ID	: L2225590-07	**Date Collected**	: 05/12/22 17:01
Client ID	: IA02	**Date Received**	: 05/13/22
Sample Location	: MASPETH, NY	**Date Analyzed**	: 05/19/22 02:26
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15-SIM	**Analyst**	: TS
Lab File ID	: R322210_EV2	**Instrument ID**	: AIRPIANO3
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
75-01-4	Vinyl chloride	ND	0.020	--	ND	0.051	--	U
75-35-4	1,1-Dichloroethene	ND	0.020	--	ND	0.079	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
71-55-6	1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--	U
56-23-5	Carbon tetrachloride	0.097	0.020	--	0.610	0.126	--	
79-01-6	Trichloroethene	ND	0.020	--	ND	0.107	--	U
127-18-4	Tetrachloroethene	0.061	0.020	--	0.414	0.136	--	

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Lab ID	: L2225590-08	**Date Collected**	: 05/12/22 17:20
Client ID	: IA03	**Date Received**	: 05/13/22
Sample Location	: MASPETH, NY	**Date Analyzed**	: 05/19/22 01:46
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15-SIM	**Analyst**	: TS
Lab File ID	: R322209_EV2	**Instrument ID**	: AIRPIANO3
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
75-01-4	Vinyl chloride	ND	0.020	--	ND	0.051	--	U
75-35-4	1,1-Dichloroethene	ND	0.020	--	ND	0.079	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
71-55-6	1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--	U
56-23-5	Carbon tetrachloride	0.094	0.020	--	0.591	0.126	--	
79-01-6	Trichloroethene	ND	0.020	--	ND	0.107	--	U
127-18-4	Tetrachloroethene	0.067	0.020	--	0.454	0.136	--	

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Lab ID	: L2225590-09	**Date Collected**	: 05/12/22 18:40
Client ID	: IA04	**Date Received**	: 05/13/22
Sample Location	: MASPETH, NY	**Date Analyzed**	: 05/19/22 01:07
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15-SIM	**Analyst**	: TS
Lab File ID	: R322208_EV2	**Instrument ID**	: AIRPIANO3
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
75-01-4	Vinyl chloride	ND	0.020	--	ND	0.051	--	U
75-35-4	1,1-Dichloroethene	ND	0.020	--	ND	0.079	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
71-55-6	1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--	U
56-23-5	Carbon tetrachloride	0.093	0.020	--	0.585	0.126	--	
79-01-6	Trichloroethene	ND	0.020	--	ND	0.107	--	U
127-18-4	Tetrachloroethene	0.070	0.020	--	0.475	0.136	--	

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Lab ID	: L2225590-10	**Date Collected**	: 05/12/22 17:58
Client ID	: IA05	**Date Received**	: 05/13/22
Sample Location	: MASPETH, NY	**Date Analyzed**	: 05/18/22 23:47
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15-SIM	**Analyst**	: TS
Lab File ID	: R322206_EV2	**Instrument ID**	: AIRPIANO3
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
75-01-4	Vinyl chloride	ND	0.020	--	ND	0.051	--	U
75-35-4	1,1-Dichloroethene	ND	0.020	--	ND	0.079	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
71-55-6	1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--	U
56-23-5	Carbon tetrachloride	0.092	0.020	--	0.579	0.126	--	
79-01-6	Trichloroethene	ND	0.020	--	ND	0.107	--	U
127-18-4	Tetrachloroethene	0.069	0.020	--	0.468	0.136	--	

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Lab ID	: L2225590-11	**Date Collected**	: 05/12/22 17:30
Client ID	: AA01	**Date Received**	: 05/13/22
Sample Location	: MASPETH, NY	**Date Analyzed**	: 05/18/22 18:56
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15-SIM	**Analyst**	: TS
Lab File ID	: R322199_EV2	**Instrument ID**	: AIRPIANO3
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
75-01-4	Vinyl chloride	ND	0.020	--	ND	0.051	--	U
75-35-4	1,1-Dichloroethene	ND	0.020	--	ND	0.079	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
71-55-6	1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--	U
56-23-5	Carbon tetrachloride	0.096	0.020	--	0.604	0.126	--	
79-01-6	Trichloroethene	ND	0.020	--	ND	0.107	--	U
127-18-4	Tetrachloroethene	0.060	0.020	--	0.407	0.136	--	

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Lab ID	: WG1640149-4	**Date Collected**	: NA
Client ID	: WG1640149-4BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 05/18/22 16:43
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15-SIM	**Analyst**	: TS
Lab File ID	: R322197_EV2	**Instrument ID**	: AIRPIANO3
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
75-01-4	Vinyl chloride	ND	0.020	--	ND	0.051	--	U
75-35-4	1,1-Dichloroethene	ND	0.020	--	ND	0.079	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
71-55-6	1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--	U
56-23-5	Carbon tetrachloride	ND	0.020	--	ND	0.126	--	U
79-01-6	Trichloroethene	ND	0.020	--	ND	0.107	--	U
127-18-4	Tetrachloroethene	ND	0.020	--	ND	0.136	--	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503
Lab ID	: WG1640149-5	**Date Collected**	: 05/12/22 17:58
Client ID	: IA05DUP	**Date Received**	: 05/13/22
Sample Location	:	**Date Analyzed**	: 05/19/22 00:26
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15-SIM	**Analyst**	: TS
Lab File ID	: R322207_EV2	**Instrument ID**	: AIRPIANO3
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
75-01-4	Vinyl chloride	ND	0.020	--	ND	0.051	--	U
75-35-4	1,1-Dichloroethene	ND	0.020	--	ND	0.079	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
71-55-6	1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--	U
56-23-5	Carbon tetrachloride	0.098	0.020	--	0.616	0.126	--	
79-01-6	Trichloroethene	ND	0.020	--	ND	0.107	--	U
127-18-4	Tetrachloroethene	0.068	0.020	--	0.461	0.136	--	

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\
Data File : r322199_Ev2.D
Acq On : 18 May 2022 6:56 PM
Operator : AIRPIANO3:TS
Sample : L2225590-11,3,250,250
Misc : WG1640149,ICAL19031
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 18 22:31:24 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 17:30:54 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\r322195_Ev2.D
Sub List : 7-NY-SIM - .

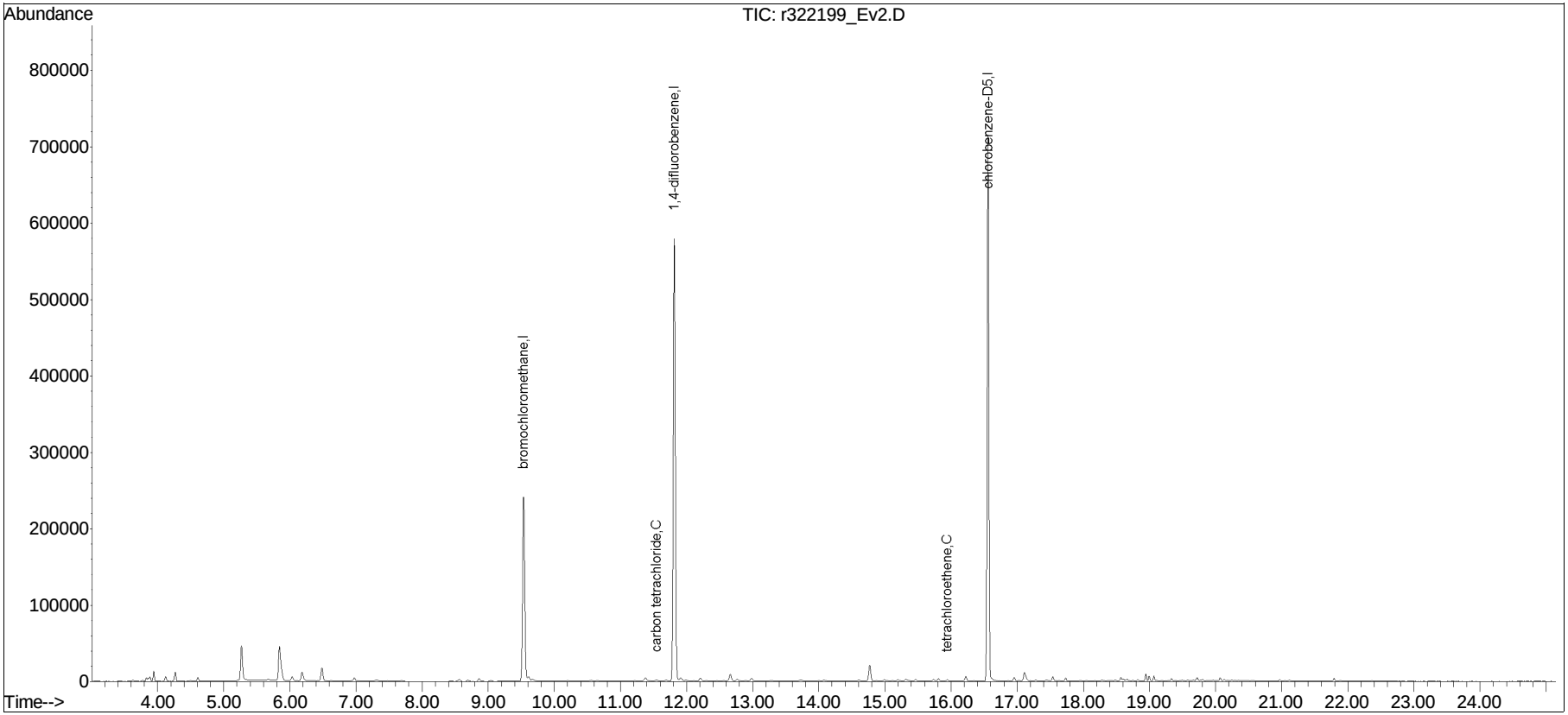
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.533	49	248915	10.000	ppbV	-0.03
Standard Area = 266528			Recovery =		93.39%	
33) 1,4-difluorobenzene	11.813	114	773586	10.000	ppbV	-0.03
Standard Area = 836058			Recovery =		92.53%	
51) chlorobenzene-D5	16.558	54	117867	10.000	ppbV	-0.02
Standard Area = 124605			Recovery =		94.59%	
System Monitoring Compounds						
Target Compounds						Qvalue
6) vinyl chloride	0.000		0	N.D.		
17) 1,1-dichloroethene	6.740		0	N.D.		
28) cis-1,2-dichloroethene	0.000		0	N.D.		
36) 1,1,1-trichloroethane	0.000		0	N.D.		
38) carbon tetrachloride	11.547	117	1526	0.096	ppbV	95
44) trichloroethene	12.560		0	N.D.		
57) tetrachloroethene	15.942	166	1336	0.060	ppbV	97

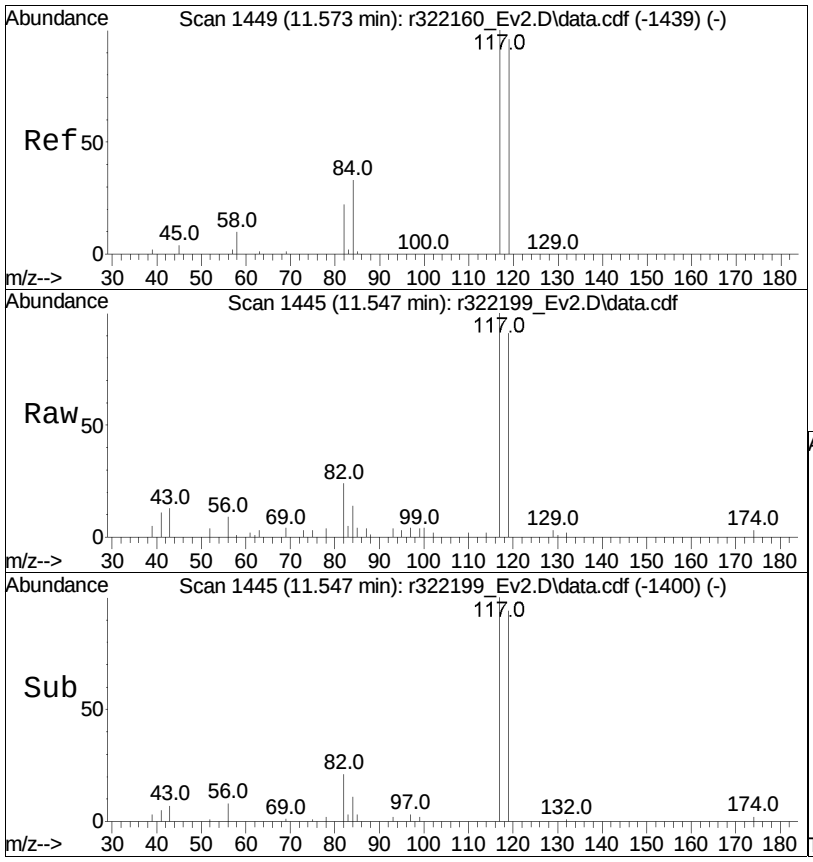
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : 7-NY-SIM - .\Data\Airpiano3\2022\05\0518SIM\r322195_Ev2.D

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\
Data File : r322199_Ev2.D
Acq On : 18 May 2022 6:56 PM
Operator : AIRPIANO3:TS
Sample : L2225590-11,3,250,250
Misc : WG1640149,ICAL19031
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 18 22:31:24 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 17:30:54 2022
Response via : Initial Calibration

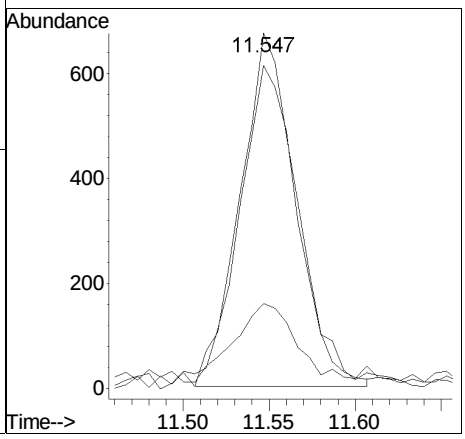


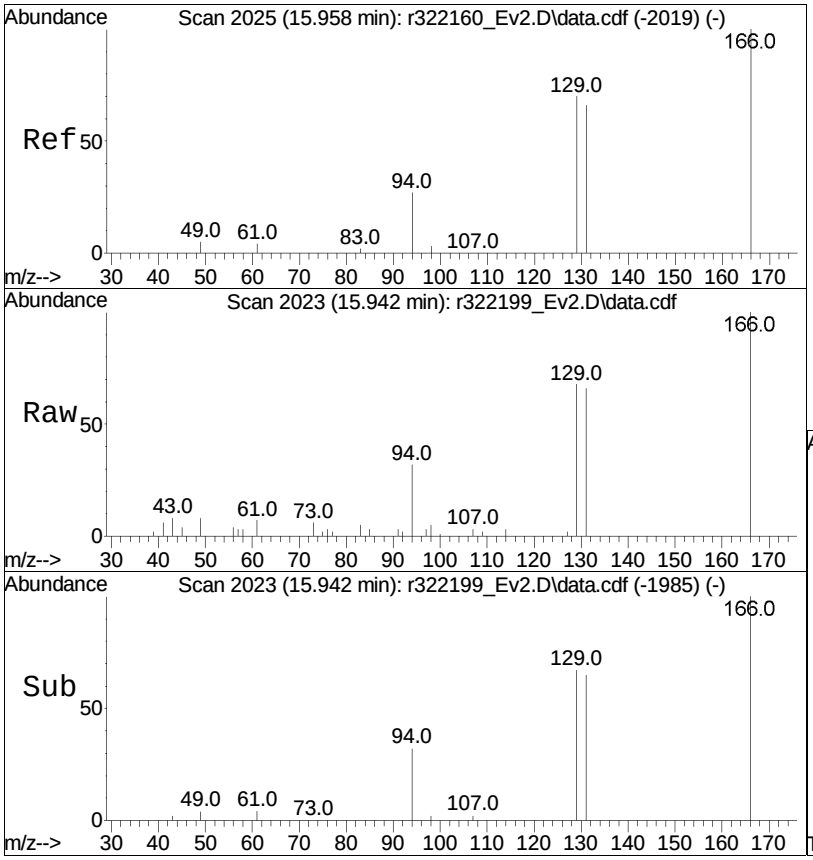


#38
carbon tetrachloride
Concen: 0.10 ppbV
RT: 11.547 min Scan# 1445
Delta R.T. -0.027 min
Lab File: r322199_Ev2.D
Acq: 18 May 2022 6:56 PM

Tgt Ion:117 Resp: 1526

Ion	Ratio	Lower	Upper
117	100		
119	90.8	77.0	115.4
82	23.9	17.8	26.8

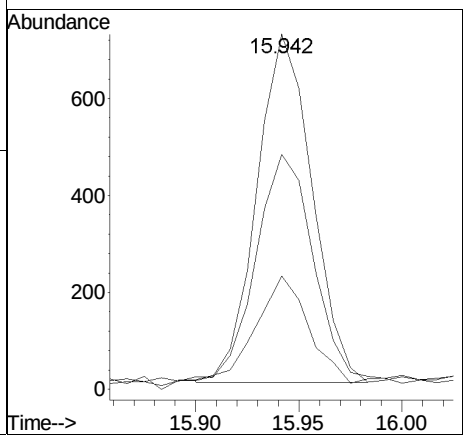




#57
tetrachloroethene
Concen: 0.06 ppbV
RT: 15.942 min Scan# 2023
Delta R.T. -0.017 min
Lab File: r322199_Ev2.D
Acq: 18 May 2022 6:56 PM

Tgt Ion:166 Resp: 1336

Ion	Ratio	Lower	Upper
166	100		
131	66.2	53.0	79.4
94	31.9	22.0	33.0



Manual Integration Report

Data Path	: O:\Forensics\Data\Airpiano	QMethod	: TSIM3_220516.M
Data File	: r322199_Ev2.D	Operator	: AIRPIANO3:TS
Date Inj'd	: 5/18/2020 0:6: 6	Instrument	:
Sample	: L2225590-11,3,250,250	Quant Date	: 5/18/2022 10:31 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\
Data File : r322206_Ev2.D
Acq On : 18 May 2022 11:47 PM
Operator : AIRPIANO3:TS
Sample : L2225590-10,3,250,250
Misc : WG1640149,ICAL19031
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 19 09:04:48 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 17:30:54 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\r322195_Ev2.D
Sub List : 7-NY-SIM - .

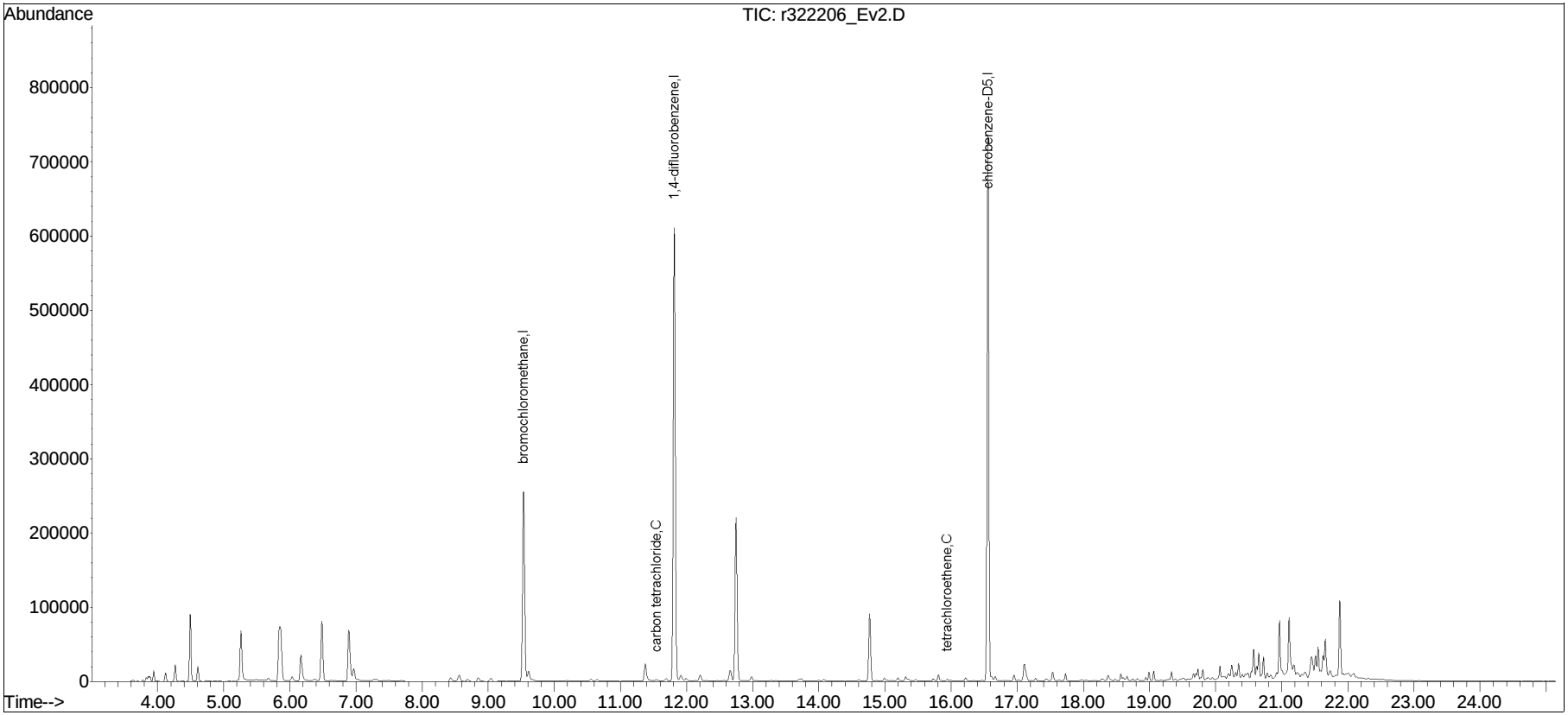
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.533	49	261637	10.000	ppbV	-0.03
Standard Area = 266528			Recovery = 98.16%			
33) 1,4-difluorobenzene	11.813	114	823120	10.000	ppbV	-0.03
Standard Area = 836058			Recovery = 98.45%			
51) chlorobenzene-D5	16.558	54	122989	10.000	ppbV	-0.02
Standard Area = 124605			Recovery = 98.70%			
System Monitoring Compounds						
Target Compounds						Qvalue
6) vinyl chloride	0.000		0	N.D.		
17) 1,1-dichloroethene	6.740		0	N.D.		
28) cis-1,2-dichloroethene	0.000		0	N.D.		
36) 1,1,1-trichloroethane	10.817		0	N.D.		
38) carbon tetrachloride	11.547	117	1565	0.092	ppbV	87
44) trichloroethene	0.000		0	N.D.		
57) tetrachloroethene	15.942	166	1605	0.069	ppbV	96

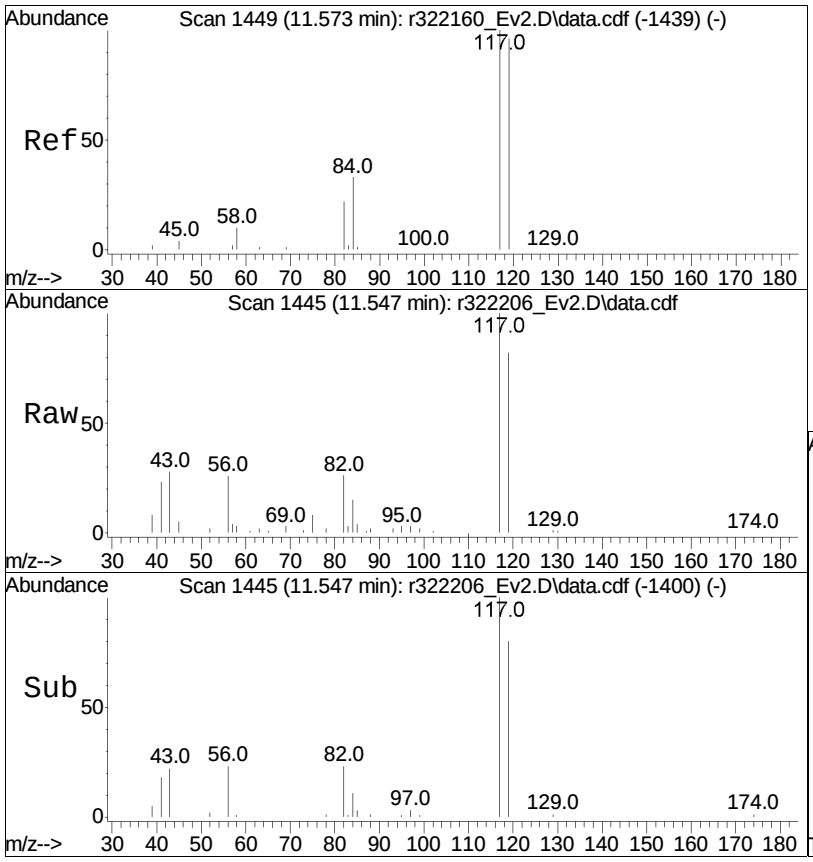
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : 7-NY-SIM - .\Data\Airpiano3\2022\05\0518SIM\r322195_Ev2.D

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\
Data File : r322206_Ev2.D
Acq On : 18 May 2022 11:47 PM
Operator : AIRPIANO3:TS
Sample : L2225590-10,3,250,250
Misc : WG1640149,ICAL19031
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 19 09:04:48 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 17:30:54 2022
Response via : Initial Calibration

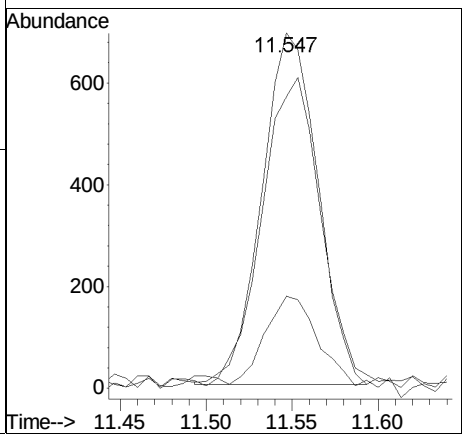


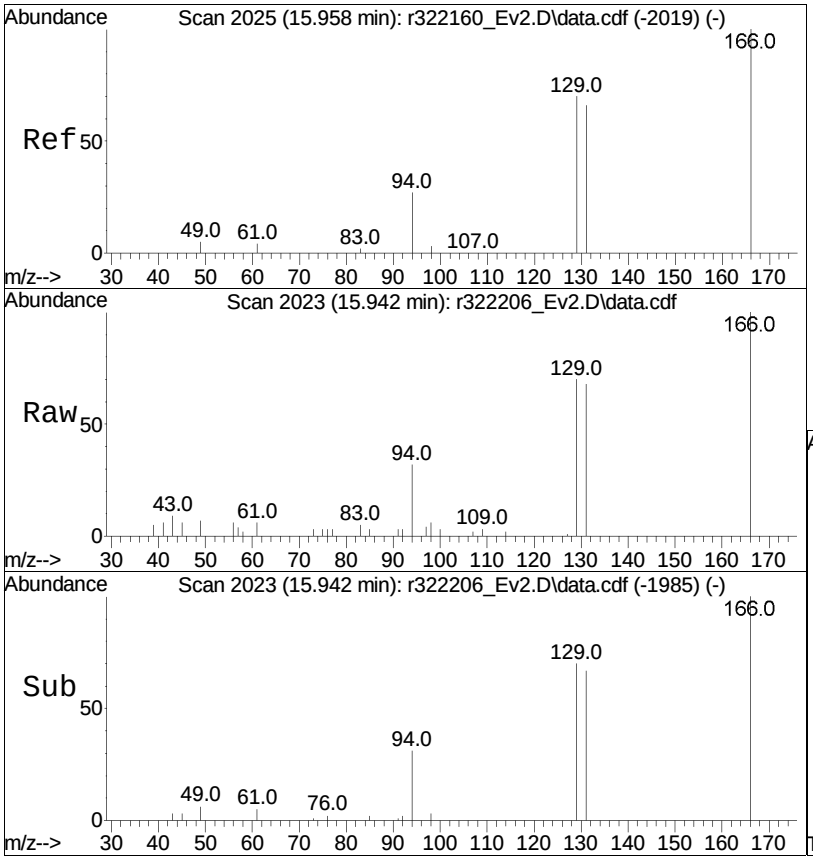


#38
carbon tetrachloride
Concen: 0.09 ppbV
RT: 11.547 min Scan# 1445
Delta R.T. -0.027 min
Lab File: r322206_Ev2.D
Acq: 18 May 2022 11:47 PM

Tgt Ion:117 Resp: 1565

Ion	Ratio	Lower	Upper
117	100		
119	82.1	77.0	115.4
82	25.9	17.8	26.8

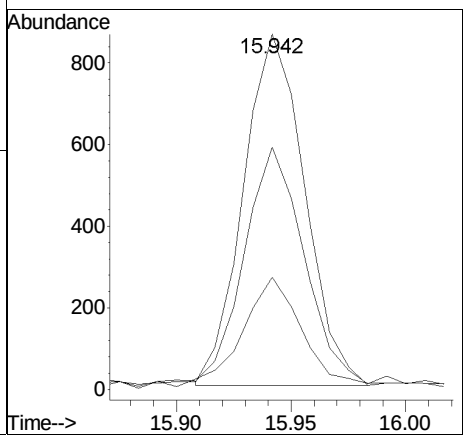




#57
tetrachloroethene
Concen: 0.07 ppbV
RT: 15.942 min Scan# 2023
Delta R.T. -0.017 min
Lab File: r322206_Ev2.D
Acq: 18 May 2022 11:47 PM

Tgt Ion:166 Resp: 1605

Ion	Ratio	Lower	Upper
166	100		
131	68.2	53.0	79.4
94	31.6	22.0	33.0



Manual Integration Report

Data Path	: O:\Forensics\Data\Airpiano	QMethod	: TSIM3_220516.M
Data File	: r322206_Ev2.D	Operator	: AIRPIANO3:TS
Date Inj'd	: 5/18/2020 0:1: 7	Instrument	:
Sample	: L2225590-10,3,250,250	Quant Date	: 5/19/2022 9:04 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\
Data File : r322208_Ev2.D
Acq On : 19 May 2022 1:07 AM
Operator : AIRPIANO3:TS
Sample : L2225590-09,3,250,250
Misc : WG1640149,ICAL19031
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 19 09:05:48 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 17:30:54 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\r322195_Ev2.D
Sub List : 7-NY-SIM - .

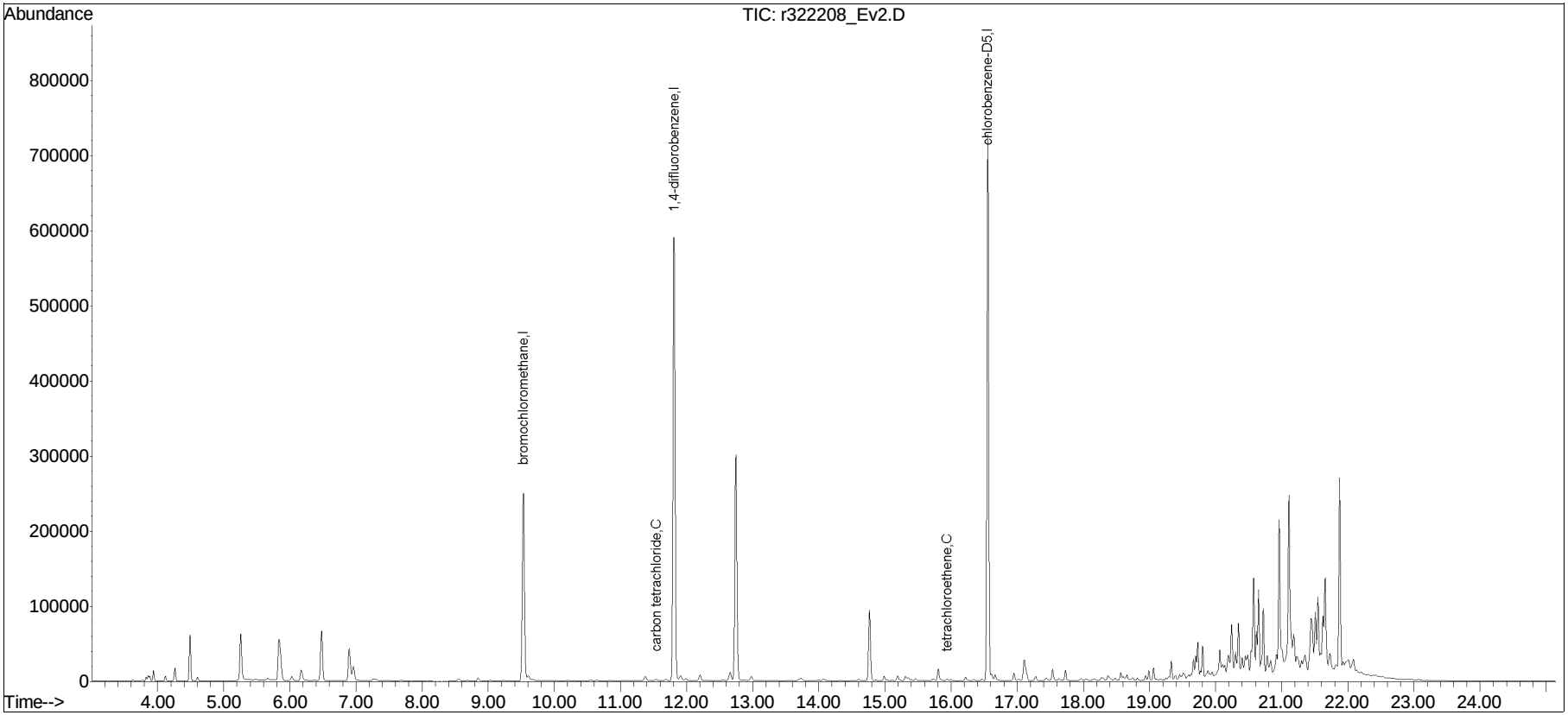
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.533	49	261074	10.000	ppbV	-0.03
Standard Area = 266528			Recovery =		97.95%	
33) 1,4-difluorobenzene	11.813	114	819938	10.000	ppbV	-0.03
Standard Area = 836058			Recovery =		98.07%	
51) chlorobenzene-D5	16.550	54	123161	10.000	ppbV	-0.02
Standard Area = 124605			Recovery =		98.84%	
System Monitoring Compounds						
Target Compounds						Qvalue
6) vinyl chloride	0.000		0	N.D.		
17) 1,1-dichloroethene	6.740		0	N.D.		
28) cis-1,2-dichloroethene	0.000		0	N.D.		
36) 1,1,1-trichloroethane	10.825		0	N.D.		
38) carbon tetrachloride	11.547	117	1579	0.093	ppbV	99
44) trichloroethene	12.620		0	N.D.		
57) tetrachloroethene	15.942	166	1648	0.070	ppbV	96

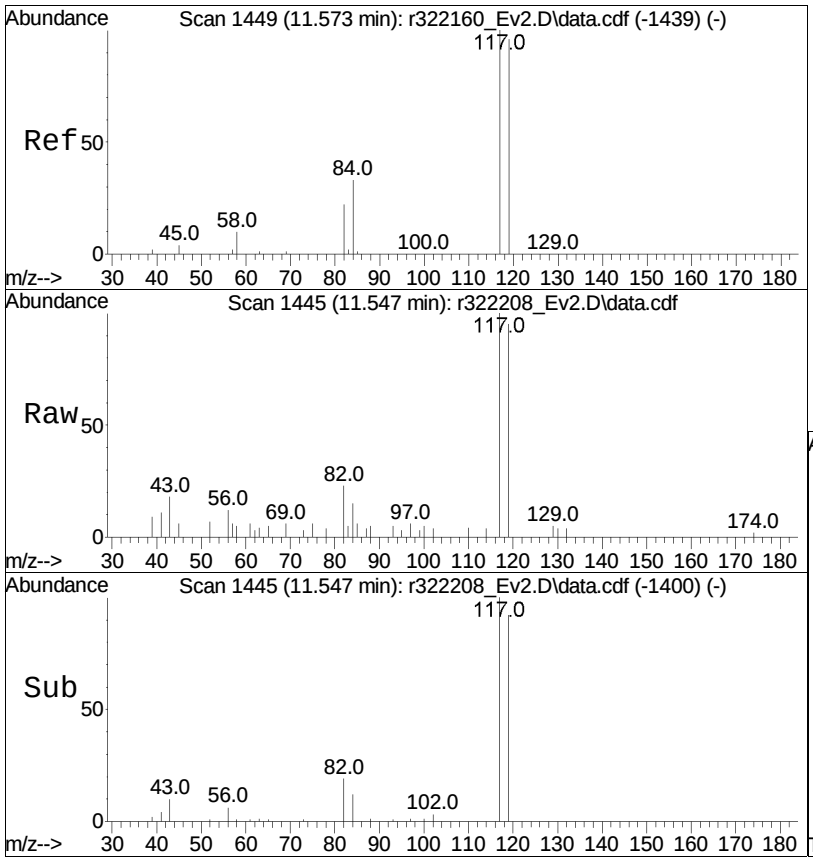
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : 7-NY-SIM - .\Data\Airpiano3\2022\05\0518SIM\r322195_Ev2.D

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\
Data File : r322208_Ev2.D
Acq On : 19 May 2022 1:07 AM
Operator : AIRPIANO3:TS
Sample : L2225590-09,3,250,250
Misc : WG1640149,ICAL19031
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 19 09:05:48 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 17:30:54 2022
Response via : Initial Calibration

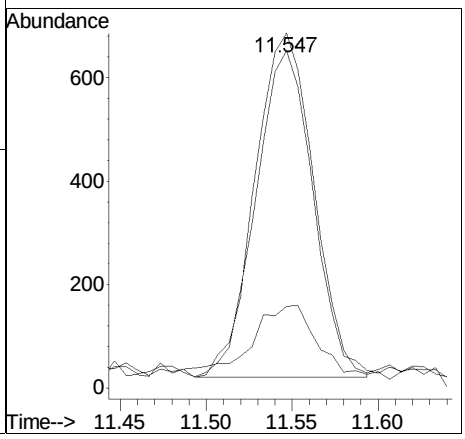


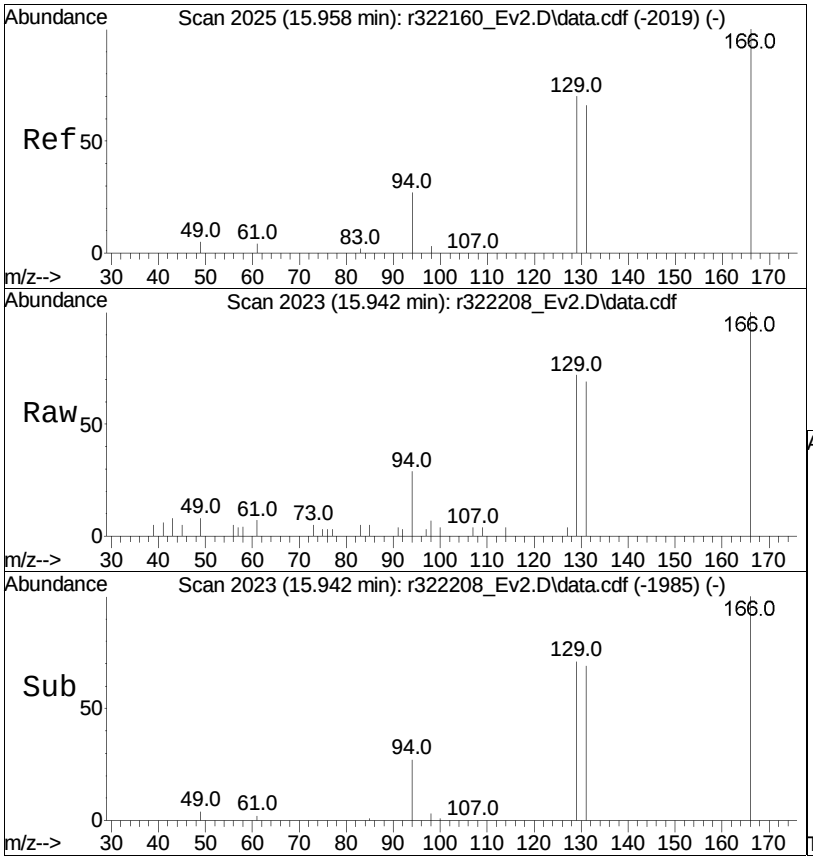


#38
carbon tetrachloride
Concen: 0.09 ppbV
RT: 11.547 min Scan# 1445
Delta R.T. -0.027 min
Lab File: r322208_Ev2.D
Acq: 19 May 2022 1:07 AM

Tgt Ion:117 Resp: 1579

Ion	Ratio	Lower	Upper
117	100		
119	95.0	77.0	115.4
82	23.0	17.8	26.8

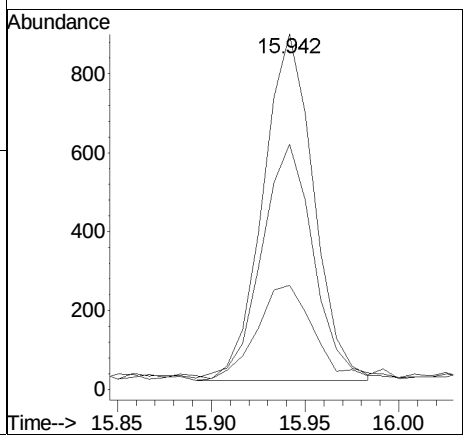




#57
tetrachloroethene
Concen: 0.07 ppbV
RT: 15.942 min Scan# 2023
Delta R.T. -0.017 min
Lab File: r322208_Ev2.D
Acq: 19 May 2022 1:07 AM

Tgt Ion:166 Resp: 1648

Ion	Ratio	Lower	Upper
166	100		
131	69.0	53.0	79.4
94	29.3	22.0	33.0



Manual Integration Report

Data Path	: O:\Forensics\Data\Airpiano	QMethod	: TSIM3_220516.M
Data File	: r322208_Ev2.D	Operator	: AIRPIANO3:TS
Date Inj'd	: 5/19/2020 0:1: 7	Instrument	:
Sample	: L2225590-09,3,250,250	Quant Date	: 5/19/2022 9:05 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\
Data File : r322209_Ev2.D
Acq On : 19 May 2022 1:46 AM
Operator : AIRPIANO3:TS
Sample : L2225590-08,3,250,250
Misc : WG1640149,ICAL19031
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 19 17:20:06 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 17:30:54 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\r322195_Ev2.D
Sub List : 7-NY-SIM - .

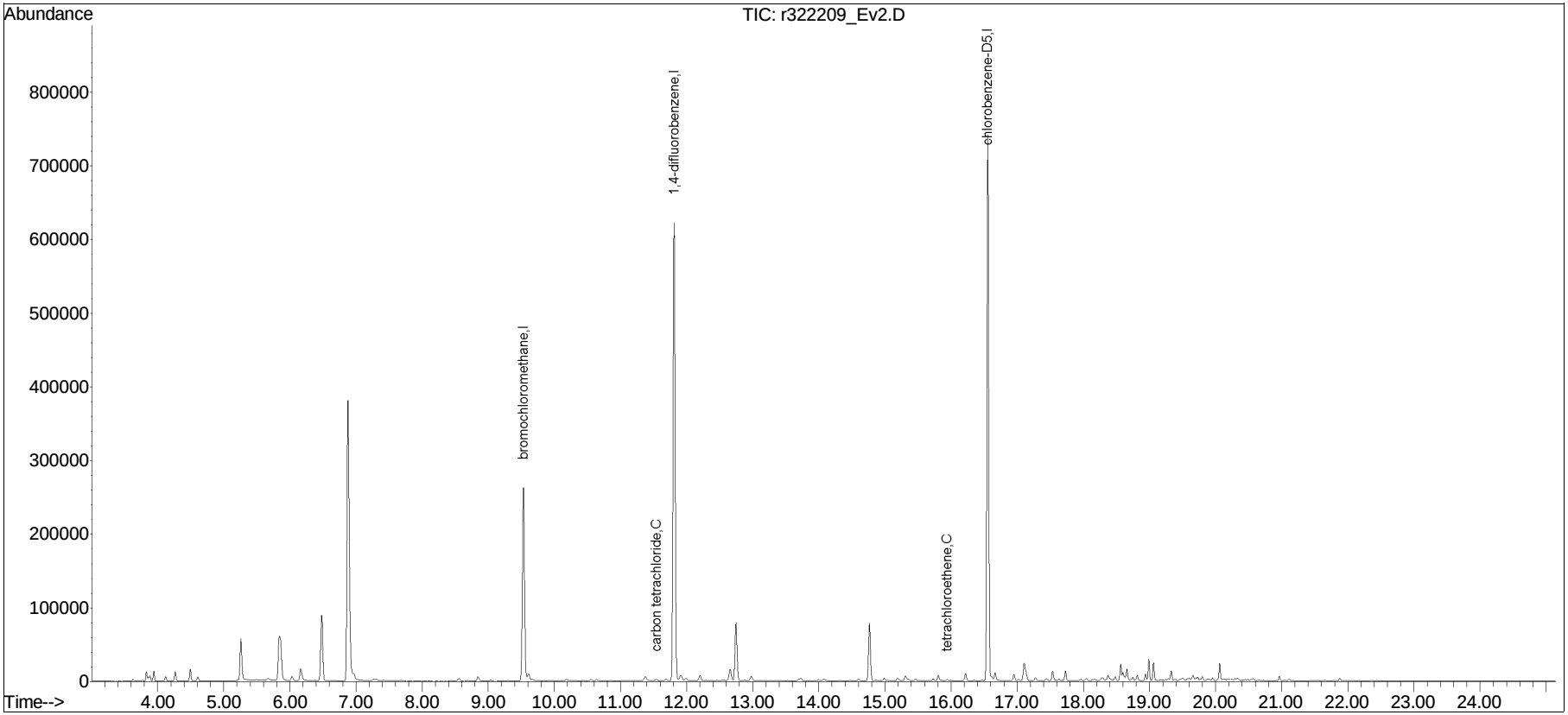
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.533	49	268056	10.000	ppbV	-0.03
Standard Area = 266528			Recovery = 100.57%			
33) 1,4-difluorobenzene	11.813	114	844299	10.000	ppbV	-0.03
Standard Area = 836058			Recovery = 100.99%			
51) chlorobenzene-D5	16.550	54	126277	10.000	ppbV	-0.02
Standard Area = 124605			Recovery = 101.34%			
System Monitoring Compounds						
Target Compounds						Qvalue
6) vinyl chloride	0.000		0	N.D.		
17) 1,1-dichloroethene	0.000		0	N.D.	d	
28) cis-1,2-dichloroethene	0.000		0	N.D.		
36) 1,1,1-trichloroethane	0.000		0	N.D.		
38) carbon tetrachloride	11.547	117	1632	0.094	ppbV	99
44) trichloroethene	0.000		0	N.D.		
57) tetrachloroethene	15.942	166	1605	0.067	ppbV	97

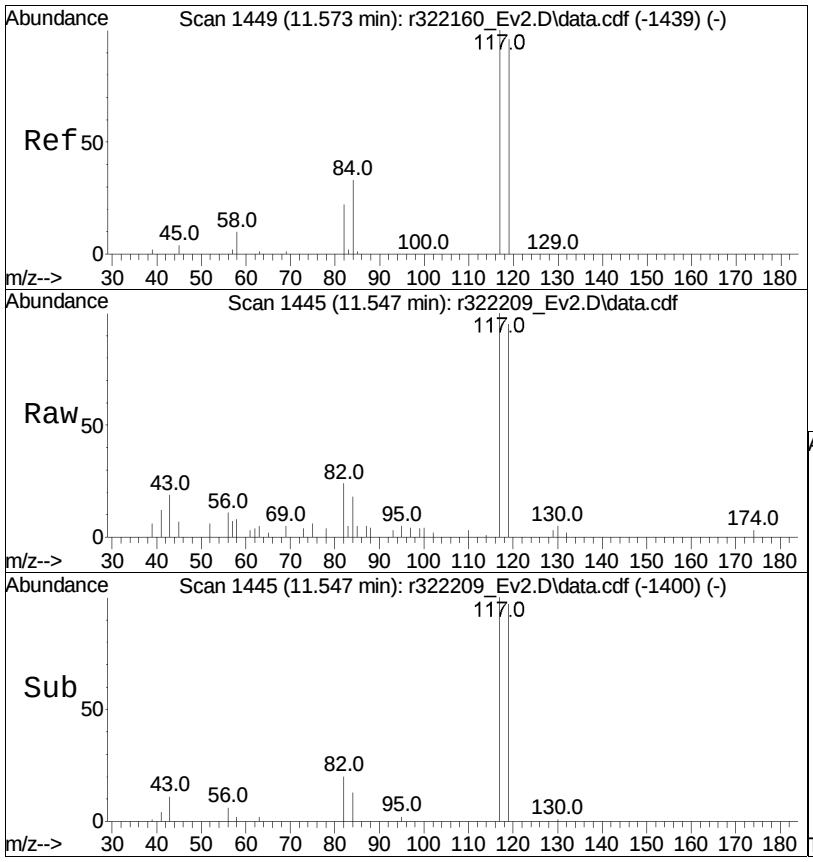
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : 7-NY-SIM - .\Data\Airpiano3\2022\05\0518SIM\r322195_Ev2.D

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\
Data File : r322209_Ev2.D
Acq On : 19 May 2022 1:46 AM
Operator : AIRPIANO3:TS
Sample : L2225590-08,3,250,250
Misc : WG1640149,ICAL19031
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 19 17:20:06 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 17:30:54 2022
Response via : Initial Calibration

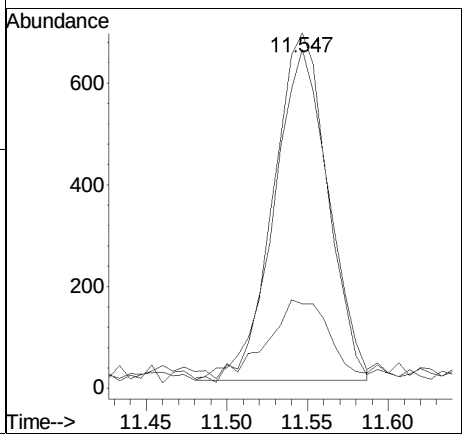


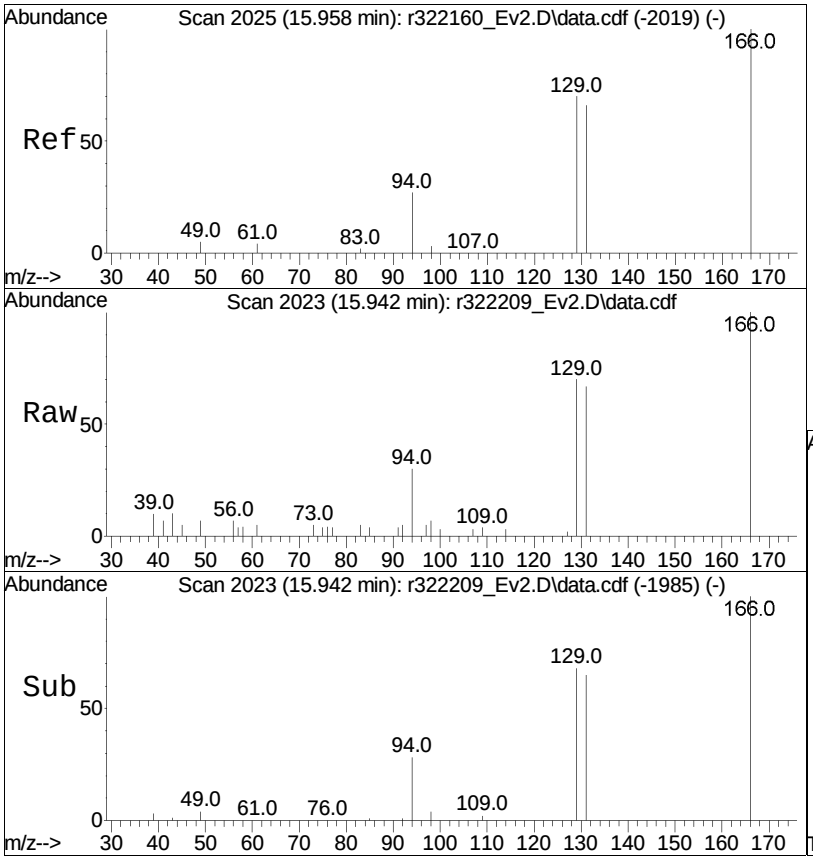


#38
carbon tetrachloride
Concen: 0.09 ppbV
RT: 11.547 min Scan# 1445
Delta R.T. -0.027 min
Lab File: r322209_Ev2.D
Acq: 19 May 2022 1:46 AM

Tgt Ion:117 Resp: 1632

Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.0	115.4
82	23.8	17.8	26.8

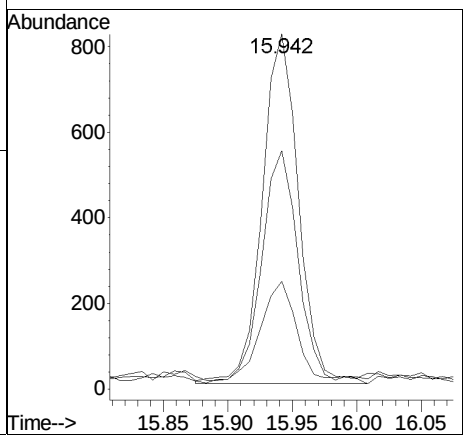




#57
tetrachloroethene
Concen: 0.07 ppbV
RT: 15.942 min Scan# 2023
Delta R.T. -0.017 min
Lab File: r322209_Ev2.D
Acq: 19 May 2022 1:46 AM

Tgt Ion:166 Resp: 1605

Ion	Ratio	Lower	Upper
166	100		
131	67.2	53.0	79.4
94	30.4	22.0	33.0



Manual Integration Report

Data Path	: O:\Forensics\Data\Airpiano	QMethod	: TSIM3_220516.M
Data File	: r322209_Ev2.D	Operator	: AIRPIANO3:TS
Date Inj'd	: 5/19/2020 0:1: 6	Instrument	:
Sample	: L2225590-08,3,250,250	Quant Date	: 5/19/2022 9:05 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\
Data File : r322210_Ev2.D
Acq On : 19 May 2022 2:26 AM
Operator : AIRPIANO3:TS
Sample : L2225590-07,3,250,250
Misc : WG1640149,ICAL19031
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 19 17:20:20 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 17:30:54 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\r322195_Ev2.D
Sub List : 7-NY-SIM - .

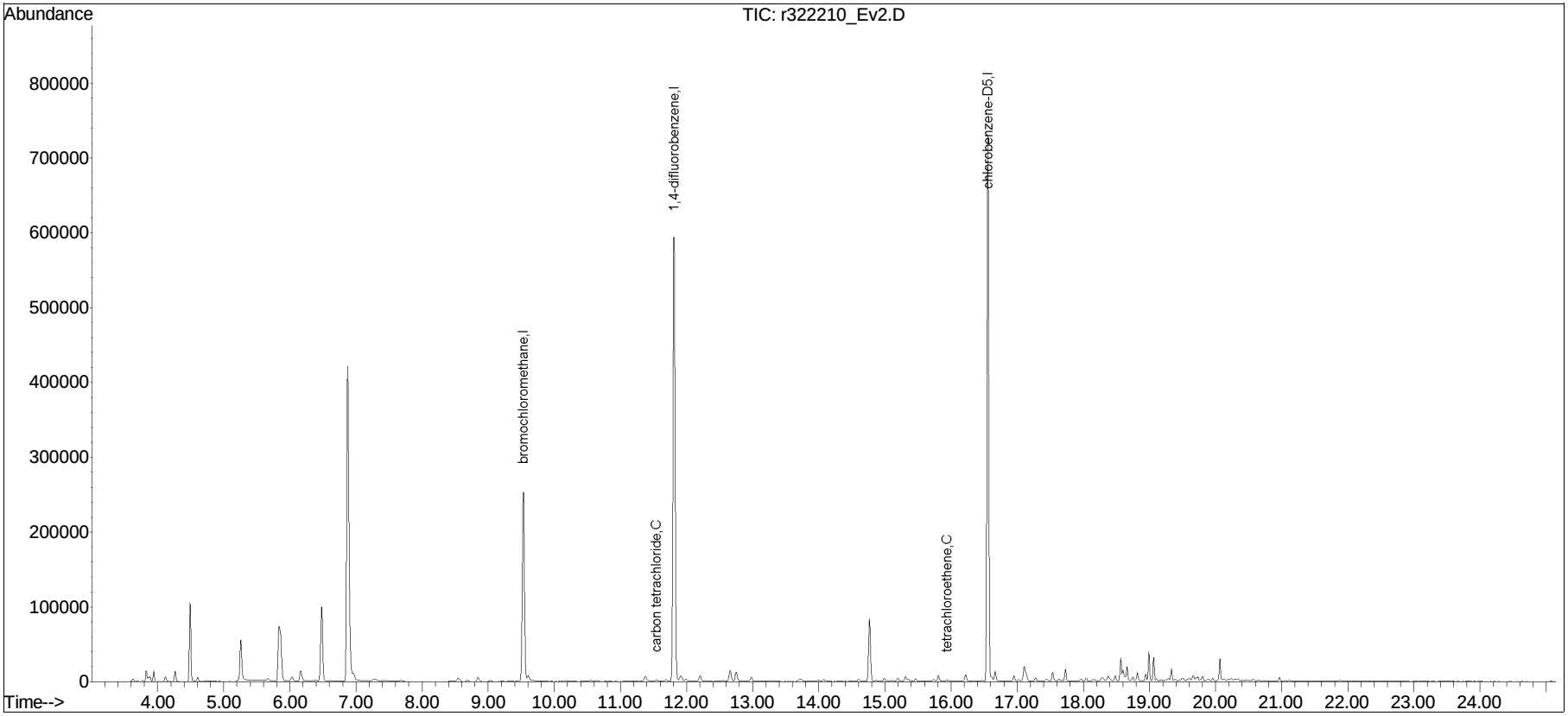
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.533	49	262558	10.000	ppbV	-0.03
Standard Area = 266528			Recovery =		98.51%	
33) 1,4-difluorobenzene	11.813	114	826699	10.000	ppbV	-0.03
Standard Area = 836058			Recovery =		98.88%	
51) chlorobenzene-D5	16.558	54	123627	10.000	ppbV	-0.02
Standard Area = 124605			Recovery =		99.22%	
System Monitoring Compounds						
Target Compounds						Qvalue
6) vinyl chloride	0.000		0	N.D.		
17) 1,1-dichloroethene	0.000		0	N.D.	d	
28) cis-1,2-dichloroethene	0.000		0	N.D.		
36) 1,1,1-trichloroethane	10.833		0	N.D.		
38) carbon tetrachloride	11.547	117	1653	0.097	ppbV	94
44) trichloroethene	12.620		0	N.D.		
57) tetrachloroethene	15.942	166	1432	0.061	ppbV	98

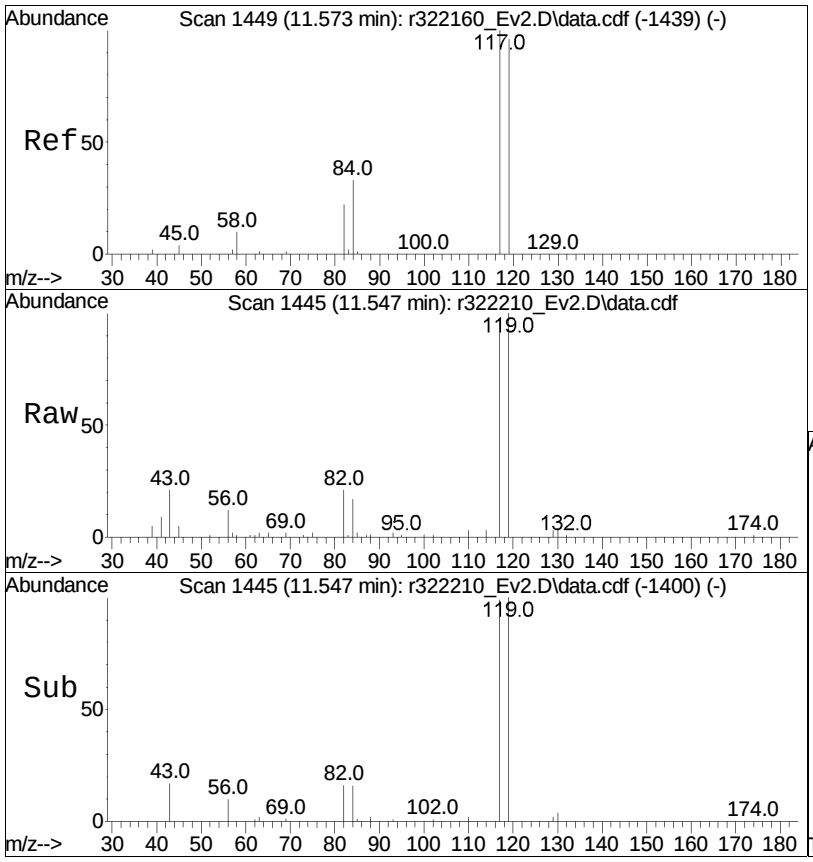
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : 7-NY-SIM - .\Data\Airpiano3\2022\05\0518SIM\r322195_Ev2.D

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\
Data File : r322210_Ev2.D
Acq On : 19 May 2022 2:26 AM
Operator : AIRPIANO3:TS
Sample : L2225590-07,3,250,250
Misc : WG1640149,ICAL19031
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 19 17:20:20 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 17:30:54 2022
Response via : Initial Calibration

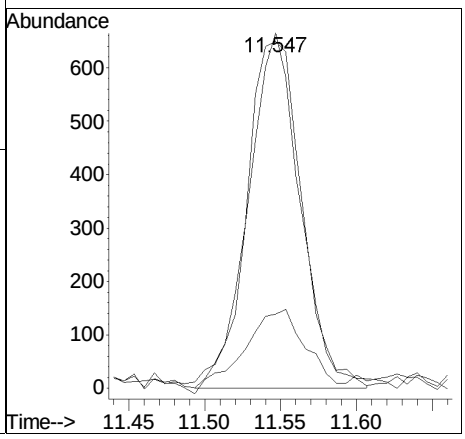


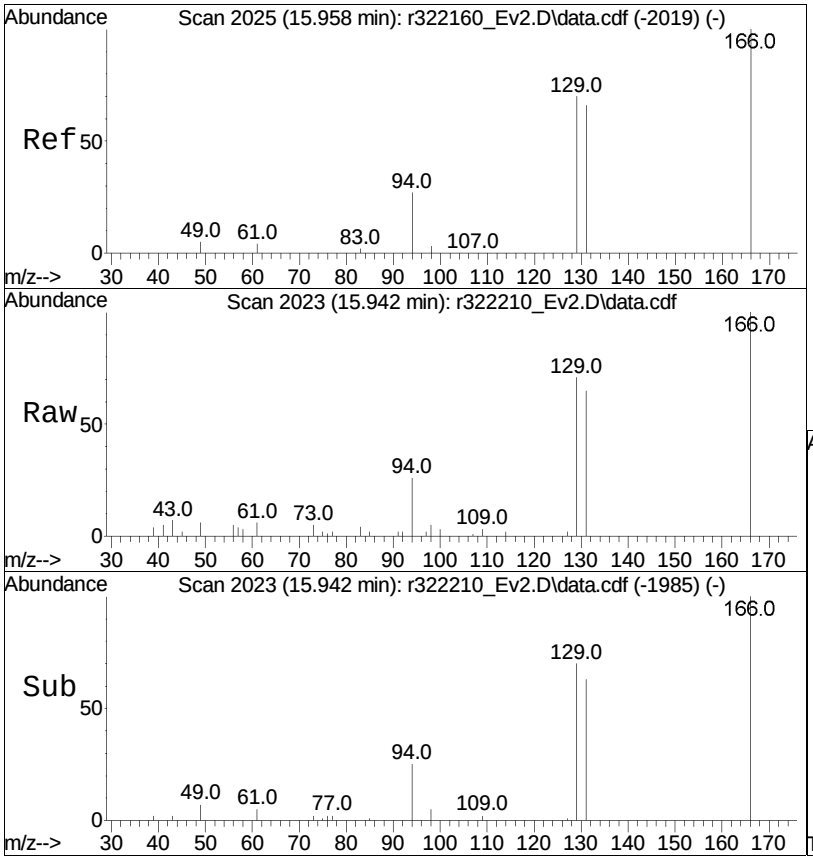


#38
carbon tetrachloride
Concen: 0.10 ppbV
RT: 11.547 min Scan# 1445
Delta R.T. -0.027 min
Lab File: r322210_Ev2.D
Acq: 19 May 2022 2:26 AM

Tgt Ion:117 Resp: 1653

Ion	Ratio	Lower	Upper
117	100		
119	102.5	77.0	115.4
82	21.4	17.8	26.8

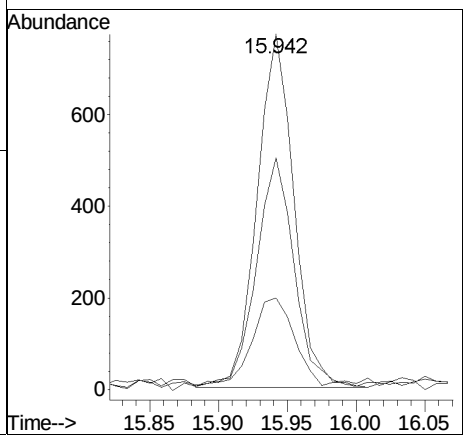




#57
tetrachloroethene
Concen: 0.06 ppbV
RT: 15.942 min Scan# 2023
Delta R.T. -0.017 min
Lab File: r322210_Ev2.D
Acq: 19 May 2022 2:26 AM

Tgt Ion:166 Resp: 1432

Ion	Ratio	Lower	Upper
166	100		
131	65.2	53.0	79.4
94	25.8	22.0	33.0



Manual Integration Report

Data Path	: O:\Forensics\Data\Airpiano	QMethod	: TSIM3_220516.M
Data File	: r322210_Ev2.D	Operator	: AIRPIANO3:TS
Date Inj'd	: 5/19/2020 0:2: 6	Instrument	:
Sample	: L2225590-07,3,250,250	Quant Date	: 5/19/2022 9:06 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\
Data File : r322211_Ev2.D
Acq On : 19 May 2022 3:06 AM
Operator : AIRPIANO3:TS
Sample : L2225590-06,3,250,250
Misc : WG1640149,ICAL19031
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 19 17:20:34 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 17:30:54 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\r322195_Ev2.D
Sub List : 7-NY-SIM - .

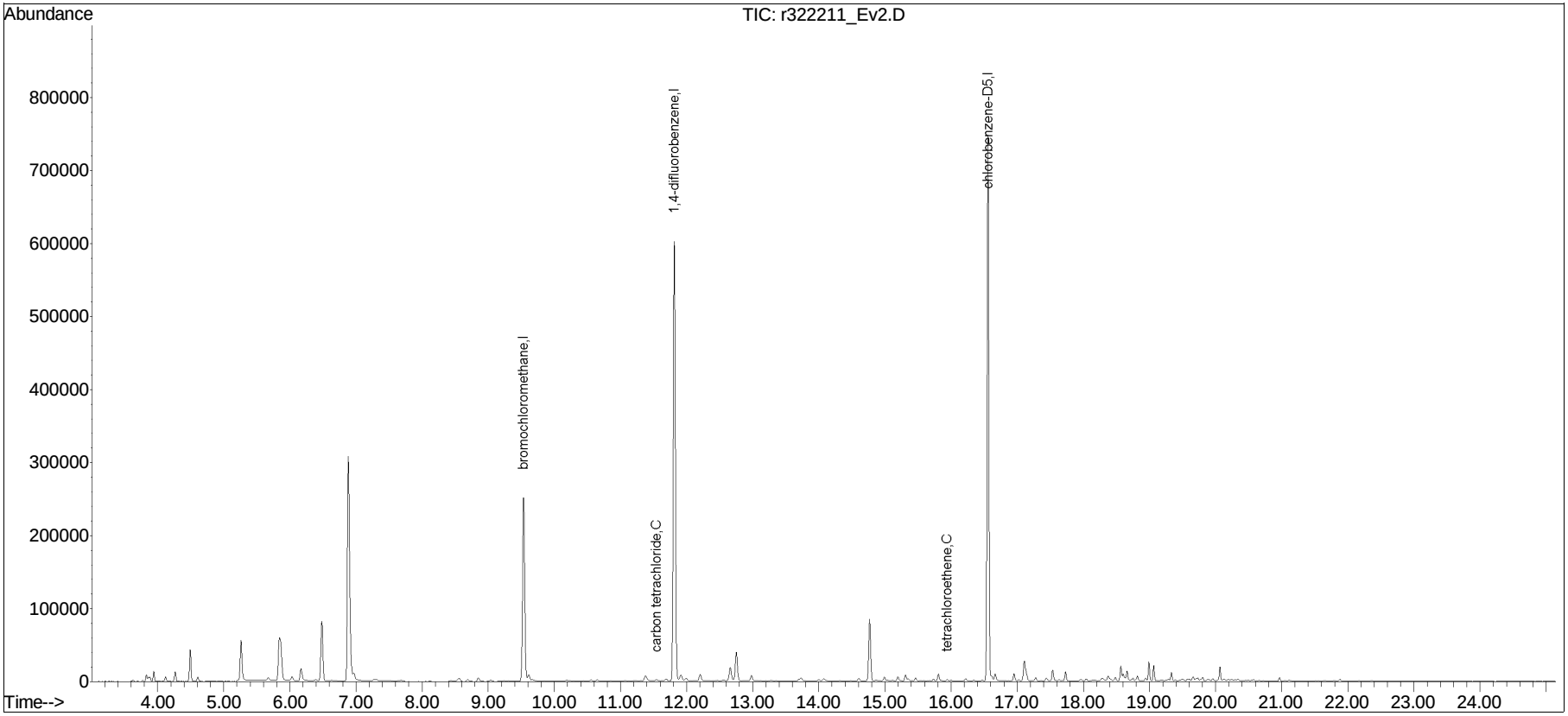
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.533	49	258744	10.000	ppbV	-0.03
Standard Area = 266528			Recovery = 97.08%			
33) 1,4-difluorobenzene	11.813	114	817437	10.000	ppbV	-0.03
Standard Area = 836058			Recovery = 97.77%			
51) chlorobenzene-D5	16.558	54	123122	10.000	ppbV	-0.02
Standard Area = 124605			Recovery = 98.81%			
System Monitoring Compounds						
Target Compounds						Qvalue
6) vinyl chloride	0.000		0	N.D.		
17) 1,1-dichloroethene	0.000		0	N.D.	d	
28) cis-1,2-dichloroethene	0.000		0	N.D.		
36) 1,1,1-trichloroethane	0.000		0	N.D.		
38) carbon tetrachloride	11.547	117	1574	0.093	ppbV	99
44) trichloroethene	0.000		0	N.D.		
57) tetrachloroethene	15.942	166	1286	0.055	ppbV	98

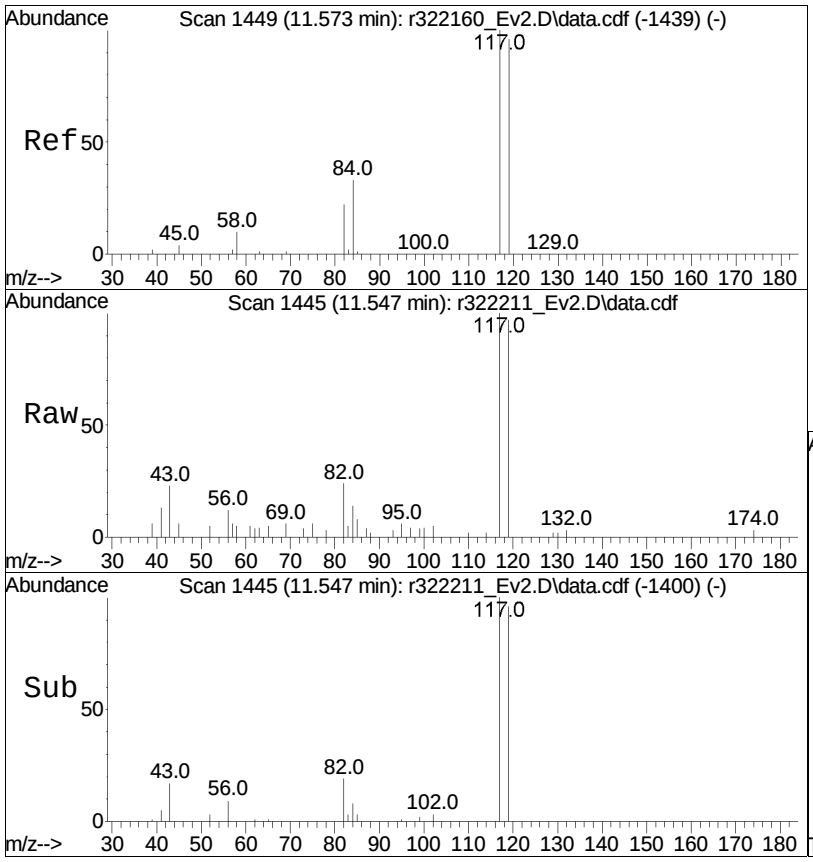
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : 7-NY-SIM - .\Data\Airpiano3\2022\05\0518SIM\r322195_Ev2.D

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\
Data File : r322211_Ev2.D
Acq On : 19 May 2022 3:06 AM
Operator : AIRPIANO3:TS
Sample : L2225590-06,3,250,250
Misc : WG1640149,ICAL19031
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 19 17:20:34 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 17:30:54 2022
Response via : Initial Calibration

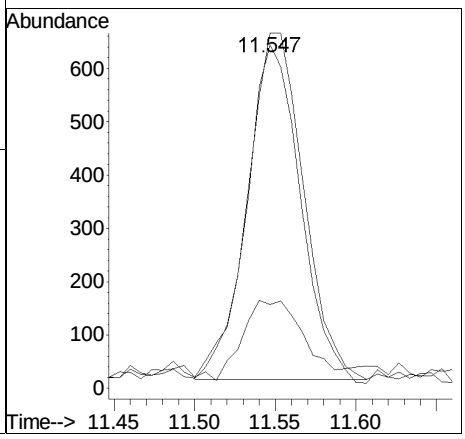


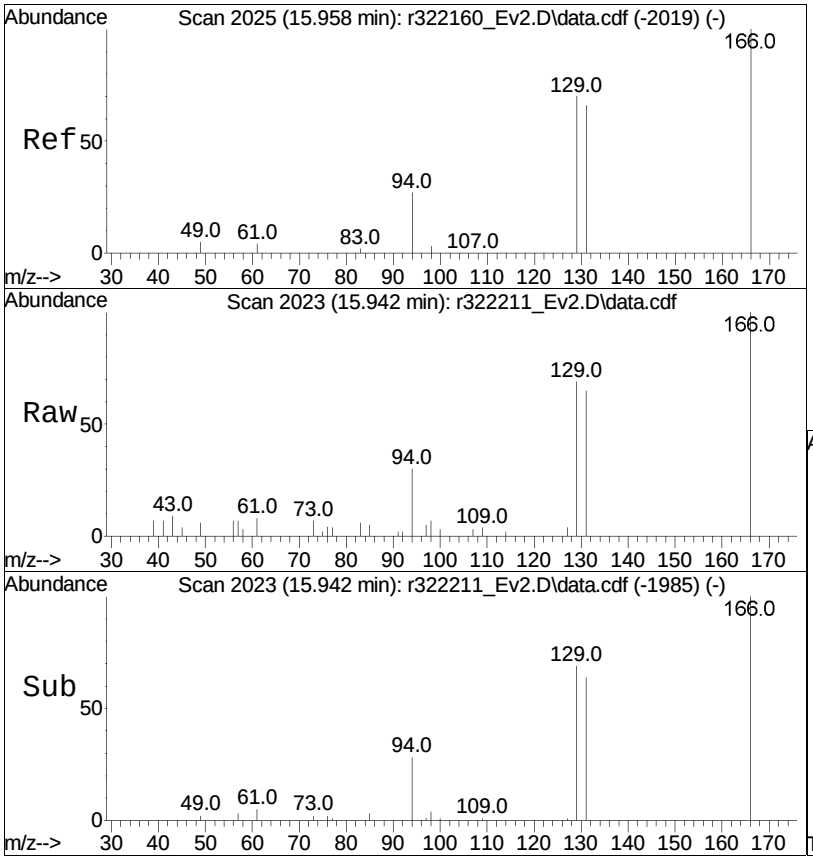


#38
carbon tetrachloride
Concen: 0.09 ppbV
RT: 11.547 min Scan# 1445
Delta R.T. -0.027 min
Lab File: r322211_Ev2.D
Acq: 19 May 2022 3:06 AM

Tgt Ion:117 Resp: 1574

Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.0	115.4
82	23.6	17.8	26.8

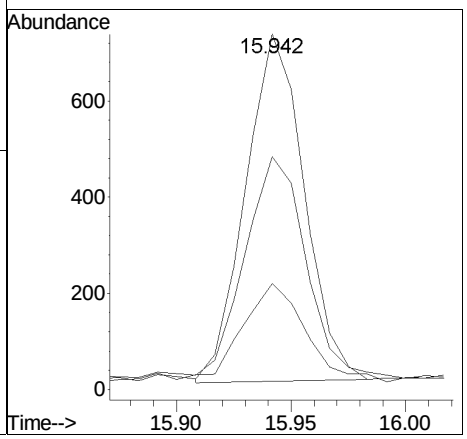




#57
tetrachloroethene
Concen: 0.06 ppbV
RT: 15.942 min Scan# 2023
Delta R.T. -0.017 min
Lab File: r322211_Ev2.D
Acq: 19 May 2022 3:06 AM

Tgt Ion:166 Resp: 1286

Ion	Ratio	Lower	Upper
166	100		
131	65.5	53.0	79.4
94	29.8	22.0	33.0



Manual Integration Report

Data Path	: O:\Forensics\Data\Airpiano	QMethod	: TSIM3_220516.M
Data File	: r322211_Ev2.D	Operator	: AIRPIANO3:TS
Date Inj'd	: 5/19/2020 0:3: 6	Instrument	:
Sample	: L2225590-06,3,250,250	Quant Date	: 5/19/2022 9:06 am

There are no manual integrations or false positives in this file.

Volatiles Standards Data

Initial Calibration

Initial Calibration Summary
Form 6
Air Volatiles

Client	**: Langan Engineering & Environmental**	**Lab Number**	**: L2225590**
Project Name	**: 57-00, 57-05 47TH ST**	**Project Number**	**: 100965503**
Instrument ID	**: AIRPIANO3**	**Ical Ref**	**: ICAL19031**
Calibration dates	**: 05/16/22 21:15 05/17/22 03:19**		

Calibration Files

0.02=r322154_Ev2.D 0.05=r322155_Ev2.D 0.1 =r322156_Ev2.D 0.2 =r322157_Ev2.D 0.5 =r322158_Ev2.D

1.0 =r322159_Ev2.D 5.0 =r322160_Ev2.D 10.0=r322161_Ev2.D 20.0=r322162_Ev2.D 50.0=r322163_Ev2.D

		Compound	0.02	0.05	0.1	0.2	0.5	1.0	5.0	10.0	20.0	50.0	Avg	%RSD
1)	I	bromochloromethane	----------ISTD----------											
2)		propylene				0.475	0.472	0.469	0.281	0.270	0.358	0.339	0.3806	23.86
3)		dichlorodifluoromethane				0.920	0.947	0.951	0.690	0.678	0.868	0.763	0.8310	14.33
4)	C	chloromethane				0.429	0.445	0.436	0.292	0.289	0.375	0.355	0.3743	17.70
5)		Freon-114		0.926	0.880	1.191	1.220	1.215	0.889	0.881	1.153	1.029	1.0426	14.58
6)	C	vinyl chloride	0.352	0.363	0.357	0.526	0.547	0.542	0.399	0.405	0.550	0.530	0.4571	19.32
7)	C	1,3-butadiene	0.322	0.286	0.261	0.419	0.437	0.438	0.314	0.317	0.435	0.416	0.3646	19.35
8)	C	bromomethane	0.488	0.447	0.409	0.430	0.452	0.452	0.325	0.327	0.440	0.420	0.4190	12.80
9)	C	chloroethane	0.255	0.265	0.244	0.280	0.277	0.280	0.199	0.202	0.293	0.289	0.2586	13.17
10)		ethanol					0.531	0.527	0.328	0.304	0.431	0.396	0.4194	22.94
11)	C	vinyl bromide				0.421	0.442	0.441	0.320	0.322	0.442	0.424	0.4018	13.84
12)	C	acrolein		1.427	1.327	0.639	0.646	0.636	0.197	0.198	0.263	0.258	0.6212	75.65#
13)		acetone				0.762	0.676	0.666	0.403	0.393	0.503	0.479	0.5546	26.30
14)		trichlorofluoromethane		1.374	1.502	0.832	0.883	0.823	0.643	0.638	0.749	0.795	0.9156	33.75#
15)		isopropyl alcohol				0.615	0.673	0.714	0.529	0.554	0.786	0.756	0.6609	14.97
16)	C	acrylonitrile			0.473	0.404	0.437	0.449	0.318	0.328	0.465	0.476	0.4189	15.19
17)	C	1,1-dichloroethene	0.458	0.435	0.427	0.637	0.666	0.677	0.510	0.521	0.719	0.707	0.5758	20.31
18)		tertiary butyl alcohol				0.630	0.730	0.774	0.631	0.673	1.006	1.039	0.7835	21.90
19)	C	methylene chloride					0.841	0.837	0.519	0.524	0.571	0.555	0.6412	24.05
20)	C	3-chloropropene				0.561	0.594	0.612	0.459	0.471	0.664	0.657	0.5740	14.40
21)	C	carbon disulfide				1.501	1.572	1.601	1.175	1.193	1.652	1.591	1.4692	13.61
22)		Freon 113		0.935	0.905	0.864	0.900	0.901	0.668	0.669	0.901	0.868	0.8456	12.13
23)		trans-1,2-dichloroethene	0.530	0.527	0.504	0.650	0.680	0.698	0.515	0.526	0.740	0.735	0.6105	16.15
24)	C	1,1-dichloroethane	0.638	0.605	0.576	0.796	0.823	0.832	0.622	0.629	0.877	0.877	0.7275	16.90
25)	C	MTBE	0.756	0.810	0.787	1.168	1.227	1.260	0.941	0.962	1.342	1.296	1.0549	21.61
26)	C	vinyl acetate					0.881	0.885	0.638	0.662	1.029	1.053	0.8579	20.54
27)	C	2-butanone				1.118	1.172	1.188	0.737	0.755	1.031	1.007	1.0012	18.66
28)		cis-1,2-dichloroethene	0.475	0.426	0.423	0.585	0.608	0.616	0.467	0.475	0.665	0.664	0.5404	17.86
29)		Ethyl Acetate				0.149	0.160	0.163	0.127	0.130	0.190	0.198	0.1595	17.10
30)	C	chloroform	0.768	0.653	0.656	0.816	0.860	0.874	0.657	0.664	0.915	0.877	0.7740	13.90
31)		Tetrahydrofuran				0.541	0.578	0.586	0.436	0.447	0.630	0.625	0.5490	14.43
32)	C	1,2-dichloroethane	0.414	0.434	0.401	0.608	0.559	0.542	0.394	0.394	0.535	0.511	0.4794	16.72
33)	I	1,4-difluorobenzene	----------ISTD----------											
34)	C	hexane				0.283	0.297	0.304	0.219	0.223	0.305	0.300	0.2759	13.88
35)	s	1,2-dichloroethane-D4				0.296	0.293	0.300	0.302	0.300	0.294	0.285	0.2959	1.94
36)	C	1,1,1-trichloroethane	0.187	0.156	0.150	0.220	0.222	0.225	0.169	0.171	0.257	0.254	0.2013	19.73

Initial Calibration Summary
Form 6
Air Volatiles

Client	**: Langan Engineering & Environmental**	**Lab Number**	**: L2225590**
Project Name	**: 57-00, 57-05 47TH ST**	**Project Number**	**: 100965503**
Instrument ID	**: AIRPIANO3**	**Ical Ref**	**: ICAL19031**
Calibration dates	**: 05/16/22 21:15 05/17/22 03:19**		

Calibration Files

0.02=r322154_Ev2.D 0.05=r322155_Ev2.D 0.1 =r322156_Ev2.D 0.2 =r322157_Ev2.D 0.5 =r322158_Ev2.D

1.0 =r322159_Ev2.D 5.0 =r322160_Ev2.D 10.0=r322161_Ev2.D 20.0=r322162_Ev2.D 50.0=r322163_Ev2.D

		Compound	0.02	0.05	0.1	0.2	0.5	1.0	5.0	10.0	20.0	50.0	Avg	%RSD
37)	C	benzene			0.991	0.702	0.677	0.684	0.418	0.426	0.594	0.588	0.6351	28.54
38)	C	carbon tetrachloride	0.205	0.224	0.213	0.192	0.208	0.213	0.164	0.170	0.239	0.231	0.2060	11.90
39)		cyclohexane				0.282	0.292	0.305	0.225	0.229	0.330	0.339	0.2861	15.67
40)		Dibromomethane		0.195	0.150	0.176	0.164	0.168	0.120	0.121	0.171	0.168	0.1592	15.58
41)	C	1,2-dichloropropane	0.159	0.136	0.131	0.178	0.183	0.183	0.136	0.138	0.195	0.200	0.1639	16.40
42)		bromodichloromethane	0.203	0.221	0.203	0.276	0.284	0.292	0.216	0.223	0.322	0.320	0.2559	18.66
43)	C	1,4-dioxane			0.085	0.116	0.112	0.117	0.086	0.091	0.134	0.139	0.1099	19.16
44)	C	trichloroethene	0.163	0.205	0.176	0.238	0.246	0.249	0.187	0.189	0.262	0.256	0.2171	17.03
45)	C	2,2,4-trimethylpentane				0.907	0.920	0.948	0.672	0.696	0.975	0.958	0.8678	14.74
46)		heptane				0.325	0.337	0.344	0.246	0.249	0.348	0.343	0.3129	14.56
47)	C	cis-1,3-dichloropropene	0.108	0.098	0.112	0.180	0.202	0.219	0.177	0.189	0.277	0.279	0.1841	35.14#
48)	C	4-methyl-2-pentanone					0.348	0.374	0.288	0.295	0.411	0.404	0.3534	14.92
49)		trans-1,3-dichloropropene	0.181	0.159	0.156	0.217	0.235	0.244	0.194	0.204	0.295	0.296	0.2181	22.85
50)	C	1,1,2-trichloroethane	0.146	0.128	0.138	0.184	0.191	0.199	0.147	0.149	0.207	0.208	0.1697	18.30
51)	I	chlorobenzene-D5	----------ISTD----------											
52)	C	toluene		7.204	7.187	3.992	4.172	4.195	3.006	3.024	4.173	4.129	4.5648	34.29#
53)	s	toluene-D8				6.360	6.378	6.535	6.597	6.497	6.497	6.571	6.4906	1.40
54)		2-hexanone				1.747	2.153	2.425	1.797	1.866	2.583	2.519	2.1557	16.59
55)		dibromochloromethane	1.232	1.238	1.209	1.711	1.870	1.972	1.488	1.540	2.165	2.100	1.6527	22.10
56)	C	1,2-dibromoethane	1.444	1.594	1.408	1.823	1.947	2.037	1.532	1.543	2.118	2.082	1.7528	15.89
57)	C	tetrachloroethene	2.031	1.707	1.612	2.011	2.082	2.124	1.568	1.577	2.169	2.100	1.8981	13.14
58)		1,1,1,2-tetrachloroethane	1.367	1.117	1.031	1.355	1.457	1.539	1.167	1.197	1.676	1.612	1.3518	16.28
59)	C	chlorobenzene	3.204	2.932	2.947	3.560	3.674	3.705	2.672	2.690	3.662	3.527	3.2574	12.82
60)	C	ethylbenzene	3.574	3.806	3.714	4.417	4.742	4.948	3.635	3.689	5.106	5.029	4.2660	15.09
61)	C	m+p-xylene	2.933	2.959	3.043	3.602	3.964	4.147	3.086	3.089	4.224	3.979	3.5026	15.22
62)	C	bromoform	1.160	1.186	1.088	1.556	1.694	1.821	1.383	1.455	2.093	2.032	1.5467	23.17
63)	C	styrene	2.613	2.448	2.378	3.151	3.461	3.697	2.779	2.821	3.913	3.813	3.1073	18.65
64)	C	1,1,2,2-tetrachloroethane	2.297	2.124	2.101	2.645	2.919	3.061	2.280	2.336	3.244	3.018	2.6026	16.43
65)	C	o-xylene	3.181	3.100	3.086	3.704	4.066	4.271	3.110	3.111	4.230	3.907	3.5767	14.23
66)		1,2,3-Trichloropropane	1.764	1.853	1.760	2.187	2.448	2.563	1.894	1.918	2.675	2.614	2.1676	17.25
67)	s	bromofluorobenzene				3.870	4.010	4.051	4.169	4.173	4.179	4.220	4.0959	3.06
68)	C	isopropylbenzene				5.695	6.184	6.425	4.599	4.607	6.209	5.817	5.6480	13.37
69)		Bromobenzene				2.975	3.288	3.416	2.506	2.560	3.562	3.407	3.1022	13.82
70)		4-ethyl toluene	4.034	4.007	4.045	5.376	6.177	6.577	4.864	4.853	6.549	6.091	5.2572	19.86
71)		1,3,5-trimethylbenzene	2.514	2.517	2.607	4.730	6.019	6.235	4.187	4.196	5.591	5.175	4.3772	32.77#
72)		tert-butylbenzene				5.015	5.624	5.907	4.363	4.344	5.640	4.749	5.0917	12.58

Initial Calibration Summary
Form 6
Air Volatiles

Client	**: Langan Engineering & Environmental**	**Lab Number**	**: L2225590**
Project Name	**: 57-00, 57-05 47TH ST**	**Project Number**	**: 100965503**
Instrument ID	**: AIRPIANO3**	**Ical Ref**	**: ICAL19031**
Calibration dates	**: 05/16/22 21:15 05/17/22 03:19**		

Calibration Files

0.02=r322154_Ev2.D 0.05=r322155_Ev2.D 0.1 =r322156_Ev2.D 0.2 =r322157_Ev2.D 0.5 =r322158_Ev2.D

1.0 =r322159_Ev2.D 5.0 =r322160_Ev2.D 10.0=r322161_Ev2.D 20.0=r322162_Ev2.D 50.0=r322163_Ev2.D

		Compound	0.02	0.05	0.1	0.2	0.5	1.0	5.0	10.0	20.0	50.0	Avg	%RSD
73)		1,2,4-trimethylbenzene	2.992	3.150	3.228	4.497	5.140	5.448	4.116	4.104	5.386	4.560	4.2622	21.49
74)	C	Benzyl Chloride			0.886	1.194	1.542	2.065	2.023	2.422	3.935	3.906	2.2469	50.95#
75)		1,3-dichlorobenzene	2.121	2.454	2.854	3.114	3.826	4.102	3.089	3.079	4.081	3.747	3.2468	20.88
76)	C	1,4-dichlorobenzene	2.121	2.623	2.852	3.111	3.901	4.172	3.116	3.130	4.121	3.812	3.2958	20.74
77)		sec-butylbenzene				6.998	7.853	8.220	6.135	6.085	8.000	7.207	7.2140	12.03
78)		p-isopropyltoluene				5.862	6.672	7.056	5.274	5.240	6.738	5.537	6.0542	12.48
79)		1,2-dichlorobenzene	2.554	2.638	2.756	3.165	3.597	3.843	2.873	2.911	3.856	3.649	3.1843	15.95
80)		n-butylbenzene				4.411	5.182	5.522	4.285	4.357	5.913	5.389	5.0086	13.05
81)		1,2-dibromo-3-chloropr...	0.866	0.704	0.778	0.967	1.194	1.328	1.133	1.186	1.601	1.475	1.1233	26.35
82)	C	1,2,4-trichlorobenzene		1.871	1.955	2.148	2.538	2.808	2.324	2.402	3.189	3.063	2.4776	18.83
83)		naphthalene		5.022	5.490	5.739	6.921	7.594	6.146	6.259	7.883	7.306	6.4845	15.33
84)		1,2,3-trichlorobenzene		2.164	2.243	2.262	2.674	2.912	2.362	2.395	3.048	2.911	2.5524	13.22
85)	C	hexachlorobutadiene		2.110	2.179	2.459	2.778	2.904	2.207	2.190	2.664	2.354	2.4273	12.02

Response Factor Report

Method Path : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\
Method File : TSIM3_220516.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Tue May 17 17:30:54 2022
Response Via : Initial Calibration

Calibration Files
0.02=r322154_Ev2.D 0.05=r322155_Ev2.D 0.1 =r322156_Ev2.D 0.2 =r322157_Ev2.D 0.5 =r322158_Ev2.D
1.0 =r322159_Ev2.D 5.0 =r322160_Ev2.D 10.0=r322161_Ev2.D 20.0=r322162_Ev2.D 50.0=r322163_Ev2.D

		Compound	0.02	0.05	0.1	0.2	0.5	1.0	5.0	10.0	20.0	50.0	Avg	%RSD
1)	I	bromochloromethane	ISTD											
2)		propylene				0.475	0.472	0.469	0.281	0.270	0.358	0.339	0.3806	23.86
3)		dichlorodifluorome...				0.920	0.947	0.951	0.690	0.678	0.868	0.763	0.8310	14.33
4)	C	chloromethane				0.429	0.445	0.436	0.292	0.289	0.375	0.355	0.3743	17.70
5)		Freon-114		0.926	0.880	1.191	1.220	1.215	0.889	0.881	1.153	1.029	1.0426	14.58
6)	C	vinyl chloride	0.352	0.363	0.357	0.526	0.547	0.542	0.399	0.405	0.550	0.530	0.4571	19.32
7)	C	1,3-butadiene	0.322	0.286	0.261	0.419	0.437	0.438	0.314	0.317	0.435	0.416	0.3646	19.35
8)	C	bromomethane	0.488	0.447	0.409	0.430	0.452	0.452	0.325	0.327	0.440	0.420	0.4190	12.80
9)	C	chloroethane	0.255	0.265	0.244	0.280	0.277	0.280	0.199	0.202	0.293	0.289	0.2586	13.17
10)		ethanol					0.531	0.527	0.328	0.304	0.431	0.396	0.4194	22.94
11)	C	vinyl bromide				0.421	0.442	0.441	0.320	0.322	0.442	0.424	0.4018	13.84
12)	C	acrolein		1.427	1.327	0.639	0.646	0.636	0.197	0.198	0.263	0.258	0.6212	75.65#
13)		acetone				0.762	0.676	0.666	0.403	0.393	0.503	0.479	0.5546	26.30
14)		trichlorofluoromet...		1.374	1.502	0.832	0.883	0.823	0.643	0.638	0.749	0.795	0.9156	33.75#
15)		isopropyl alcohol				0.615	0.673	0.714	0.529	0.554	0.786	0.756	0.6609	14.97
16)	C	acrylonitrile			0.473	0.404	0.437	0.449	0.318	0.328	0.465	0.476	0.4189	15.19
17)	C	1,1-dichloroethene	0.458	0.435	0.427	0.637	0.666	0.677	0.510	0.521	0.719	0.707	0.5758	20.31
18)		tertiary butyl alc...				0.630	0.730	0.774	0.631	0.673	1.006	1.039	0.7835	21.90
19)	C	methylene chloride					0.841	0.837	0.519	0.524	0.571	0.555	0.6412	24.05
20)	C	3-chloropropene				0.561	0.594	0.612	0.459	0.471	0.664	0.657	0.5740	14.40
21)	C	carbon disulfide				1.501	1.572	1.601	1.175	1.193	1.652	1.591	1.4692	13.61
22)		Freon 113		0.935	0.905	0.864	0.900	0.901	0.668	0.669	0.901	0.868	0.8456	12.13
23)		trans-1,2-dichloro...	0.530	0.527	0.504	0.650	0.680	0.698	0.515	0.526	0.740	0.735	0.6105	16.15
24)	C	1,1-dichloroethane	0.638	0.605	0.576	0.796	0.823	0.832	0.622	0.629	0.877	0.877	0.7275	16.90
25)	C	MTBE	0.756	0.810	0.787	1.168	1.227	1.260	0.941	0.962	1.342	1.296	1.0549	21.61
26)	C	vinyl acetate					0.881	0.885	0.638	0.662	1.029	1.053	0.8579	20.54
27)	C	2-butanone				1.118	1.172	1.188	0.737	0.755	1.031	1.007	1.0012	18.66
28)		cis-1,2-dichloroet...	0.475	0.426	0.423	0.585	0.608	0.616	0.467	0.475	0.665	0.664	0.5404	17.86
29)		Ethyl Acetate				0.149	0.160	0.163	0.127	0.130	0.190	0.198	0.1595	17.10
30)	C	chloroform	0.768	0.653	0.656	0.816	0.860	0.874	0.657	0.664	0.915	0.877	0.7740	13.90
31)		Tetrahydrofuran				0.541	0.578	0.586	0.436	0.447	0.630	0.625	0.5490	14.43

Response Factor Report

Method Path : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\
Method File : TSIM3_220516.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Tue May 17 17:30:54 2022
Response Via : Initial Calibration

Calibration Files
0.02=r322154_Ev2.D 0.05=r322155_Ev2.D 0.1 =r322156_Ev2.D 0.2 =r322157_Ev2.D 0.5 =r322158_Ev2.D
1.0 =r322159_Ev2.D 5.0 =r322160_Ev2.D 10.0=r322161_Ev2.D 20.0=r322162_Ev2.D 50.0=r322163_Ev2.D

		Compound	0.02	0.05	0.1	0.2	0.5	1.0	5.0	10.0	20.0	50.0	Avg	%RSD
32)	C	1,2-dichloroethane	0.414	0.434	0.401	0.608	0.559	0.542	0.394	0.394	0.535	0.511	0.4794	16.72
33)	I	1,4-difluorobenzene	----------	ISTD	----------									
34)	C	hexane				0.283	0.297	0.304	0.219	0.223	0.305	0.300	0.2759	13.88
35)	s	1,2-dichloroethane-D4				0.296	0.293	0.300	0.302	0.300	0.294	0.285	0.2959	1.94
36)	C	1,1,1-trichloroethane	0.187	0.156	0.150	0.220	0.222	0.225	0.169	0.171	0.257	0.254	0.2013	19.73
37)	C	benzene			0.991	0.702	0.677	0.684	0.418	0.426	0.594	0.588	0.6351	28.54
38)	C	carbon tetrachloride	0.205	0.224	0.213	0.192	0.208	0.213	0.164	0.170	0.239	0.231	0.2060	11.90
39)		cyclohexane				0.282	0.292	0.305	0.225	0.229	0.330	0.339	0.2861	15.67
40)		Dibromomethane		0.195	0.150	0.176	0.164	0.168	0.120	0.121	0.171	0.168	0.1592	15.58
41)	C	1,2-dichloropropane	0.159	0.136	0.131	0.178	0.183	0.183	0.136	0.138	0.195	0.200	0.1639	16.40
42)		bromodichloromethane	0.203	0.221	0.203	0.276	0.284	0.292	0.216	0.223	0.322	0.320	0.2559	18.66
43)	C	1,4-dioxane			0.085	0.116	0.112	0.117	0.086	0.091	0.134	0.139	0.1099	19.16
44)	C	trichloroethene	0.163	0.205	0.176	0.238	0.246	0.249	0.187	0.189	0.262	0.256	0.2171	17.03
45)	C	2,2,4-trimethylpen...				0.907	0.920	0.948	0.672	0.696	0.975	0.958	0.8678	14.74
46)		heptane				0.325	0.337	0.344	0.246	0.249	0.348	0.343	0.3129	14.56
47)	C	cis-1,3-dichloropr...	0.108	0.098	0.112	0.180	0.202	0.219	0.177	0.189	0.277	0.279	0.1841	35.14#
48)	C	4-methyl-2-pentanone					0.348	0.374	0.288	0.295	0.411	0.404	0.3534	14.92
49)		trans-1,3-dichloro...	0.181	0.159	0.156	0.217	0.235	0.244	0.194	0.204	0.295	0.296	0.2181	22.85
50)	C	1,1,2-trichloroethane	0.146	0.128	0.138	0.184	0.191	0.199	0.147	0.149	0.207	0.208	0.1697	18.30
51)	I	chlorobenzene-D5	----------	ISTD	----------									
52)	C	toluene		7.204	7.187	3.992	4.172	4.195	3.006	3.024	4.173	4.129	4.5648	34.29#
53)	s	toluene-D8				6.360	6.378	6.535	6.597	6.497	6.497	6.571	6.4906	1.40
54)		2-hexanone				1.747	2.153	2.425	1.797	1.866	2.583	2.519	2.1557	16.59
55)		dibromochloromethane	1.232	1.238	1.209	1.711	1.870	1.972	1.488	1.540	2.165	2.100	1.6527	22.10
56)	C	1,2-dibromoethane	1.444	1.594	1.408	1.823	1.947	2.037	1.532	1.543	2.118	2.082	1.7528	15.89
57)	C	tetrachloroethene	2.031	1.707	1.612	2.011	2.082	2.124	1.568	1.577	2.169	2.100	1.8981	13.14
58)		1,1,1,2-tetrachlor...	1.367	1.117	1.031	1.355	1.457	1.539	1.167	1.197	1.676	1.612	1.3518	16.28
59)	C	chlorobenzene	3.204	2.932	2.947	3.560	3.674	3.705	2.672	2.690	3.662	3.527	3.2574	12.82
60)	C	ethylbenzene	3.574	3.806	3.714	4.417	4.742	4.948	3.635	3.689	5.106	5.029	4.2660	15.09
61)	C	m+p-xylene	2.933	2.959	3.043	3.602	3.964	4.147	3.086	3.089	4.224	3.979	3.5026	15.22

Response Factor Report

Method Path : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\
Method File : TSIM3_220516.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Tue May 17 17:30:54 2022
Response Via : Initial Calibration

Calibration Files
0.02=r322154_Ev2.D 0.05=r322155_Ev2.D 0.1 =r322156_Ev2.D 0.2 =r322157_Ev2.D 0.5 =r322158_Ev2.D
1.0 =r322159_Ev2.D 5.0 =r322160_Ev2.D 10.0=r322161_Ev2.D 20.0=r322162_Ev2.D 50.0=r322163_Ev2.D

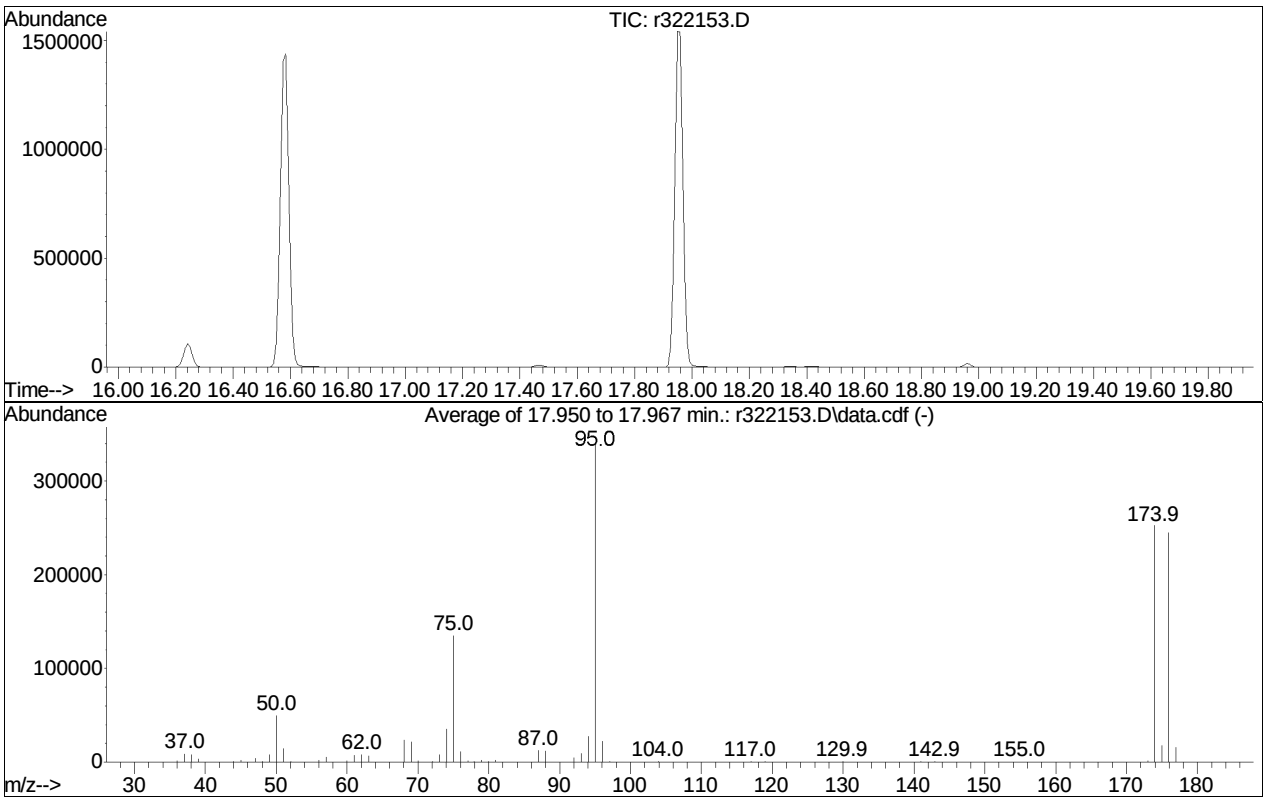
		Compound	0.02	0.05	0.1	0.2	0.5	1.0	5.0	10.0	20.0	50.0	Avg	%RSD
62)	C	bromoform	1.160	1.186	1.088	1.556	1.694	1.821	1.383	1.455	2.093	2.032	1.5467	23.17
63)	C	styrene	2.613	2.448	2.378	3.151	3.461	3.697	2.779	2.821	3.913	3.813	3.1073	18.65
64)	C	1,1,2,2-tetrachlor...	2.297	2.124	2.101	2.645	2.919	3.061	2.280	2.336	3.244	3.018	2.6026	16.43
65)	C	o-xylene	3.181	3.100	3.086	3.704	4.066	4.271	3.110	3.111	4.230	3.907	3.5767	14.23
66)		1,2,3-Trichloropro...	1.764	1.853	1.760	2.187	2.448	2.563	1.894	1.918	2.675	2.614	2.1676	17.25
67)	s	bromofluorobenzene				3.870	4.010	4.051	4.169	4.173	4.179	4.220	4.0959	3.06
68)	C	isopropylbenzene				5.695	6.184	6.425	4.599	4.607	6.209	5.817	5.6480	13.37
69)		Bromobenzene				2.975	3.288	3.416	2.506	2.560	3.562	3.407	3.1022	13.82
70)		4-ethyl toluene	4.034	4.007	4.045	5.376	6.177	6.577	4.864	4.853	6.549	6.091	5.2572	19.86
71)		1,3,5-trimethylben...	2.514	2.517	2.607	4.730	6.019	6.235	4.187	4.196	5.591	5.175	4.3772	32.77#
72)		tert-butylbenzene				5.015	5.624	5.907	4.363	4.344	5.640	4.749	5.0917	12.58
73)		1,2,4-trimethylben...	2.992	3.150	3.228	4.497	5.140	5.448	4.116	4.104	5.386	4.560	4.2622	21.49
74)	C	Benzyl Chloride			0.886	1.194	1.542	2.065	2.023	2.422	3.935	3.906	2.2469	50.95#
75)		1,3-dichlorobenzene	2.121	2.454	2.854	3.114	3.826	4.102	3.089	3.079	4.081	3.747	3.2468	20.88
76)	C	1,4-dichlorobenzene	2.121	2.623	2.852	3.111	3.901	4.172	3.116	3.130	4.121	3.812	3.2958	20.74
77)		sec-butylbenzene				6.998	7.853	8.220	6.135	6.085	8.000	7.207	7.2140	12.03
78)		p-isopropyltoluene				5.862	6.672	7.056	5.274	5.240	6.738	5.537	6.0542	12.48
79)		1,2-dichlorobenzene	2.554	2.638	2.756	3.165	3.597	3.843	2.873	2.911	3.856	3.649	3.1843	15.95
80)		n-butylbenzene				4.411	5.182	5.522	4.285	4.357	5.913	5.389	5.0086	13.05
81)		1,2-dibromo-3-chlo...	0.866	0.704	0.778	0.967	1.194	1.328	1.133	1.186	1.601	1.475	1.1233	26.35
82)	C	1,2,4-trichloroben...		1.871	1.955	2.148	2.538	2.808	2.324	2.402	3.189	3.063	2.4776	18.83
83)		naphthalene		5.022	5.490	5.739	6.921	7.594	6.146	6.259	7.883	7.306	6.4845	15.33
84)		1,2,3-trichloroben...		2.164	2.243	2.262	2.674	2.912	2.362	2.395	3.048	2.911	2.5524	13.22
85)	C	hexachlorobutadiene		2.110	2.179	2.459	2.778	2.904	2.207	2.190	2.664	2.354	2.4273	12.02

(#) = Out of Range

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\
Data File : r322153.D
Acq On : 16 May 2022 8:39 PM
Operator : AIRPIANO3:TS
Sample : WG1639637-1,3,250,250
Misc : WG1639637
ALS Vial : 0 Sample Multiplier: 1

Integration File: rteint.p

Method : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\TSIM3_220516.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Tue May 17 17:30:54 2022



Spectrum Information: Average of 17.950 to 17.967 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	14.6	49888	PASS
75	95	30	66	39.7	135317	PASS
95	95	100	100	100.0	341023	PASS
96	95	5	9	6.5	22142	PASS
173	174	0.00	2	0.6	1606	PASS
174	95	50	120	74.0	252386	PASS
175	174	4	9	7.1	17843	PASS
176	174	93	101	97.0	244906	PASS
177	176	5	9	6.4	15780	PASS

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\
Data File : r322154_Ev2.D
Acq On : 16 May 2022 9:15 PM
Operator : AIRPIANO3:TS
Sample : ITO15-SIMSTD0.02
Misc : WG1639637
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 16:59:25 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 14:26:18 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\r322160_Ev2.D
Sub List : Default-ICV-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) bromochloromethane	9.550	49	238895	10.000	ppbV		0.00
Standard Area = 249837			Recovery = 95.62%				
33) 1,4-difluorobenzene	11.833	114	734932	10.000	ppbV		0.00
Standard Area = 791968			Recovery = 92.80%				
51) chlorobenzene-D5	16.575	54	110801	10.000	ppbV		0.00
Standard Area = 120616			Recovery = 91.86%				
System Monitoring Compounds							
35) 1,2-dichloroethane-D4	10.450	65	107	0.005	ppbV		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 0.05%#				
53) toluene-D8	14.675	98	374	0.005	ppbV		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 0.05%#				
67) bromofluorobenzene	17.958	95	649	0.014	ppbV		0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 0.14%#				
Target Compounds							Qvalue
2) propylene	3.868	41	453M6	0.067	ppbV		
3) dichlorodifluoromethane	3.952	85	1295	0.079	ppbV		95
4) chloromethane	4.132	50	741	0.106	ppbV		97
5) Freon-114	4.258	85	459	0.022	ppbV	#	93
6) vinyl chloride	4.390	62	168	0.018	ppbV	#	60
7) 1,3-butadiene	4.558	54	154	0.021	ppbV	#	81
8) bromomethane	4.882	94	233	0.030	ppbV		95
9) chloroethane	5.092	64	122	0.026	ppbV		93
10) ethanol	5.290	31	6771	0.864	ppbV		100
11) vinyl bromide	5.530	106	165M4	0.022	ppbV		
12) acrolein	5.693	56	910	0.193	ppbV	#	83
13) acetone	5.867	43	5694	0.591	ppbV	#	94
14) trichlorofluoromethane	6.050	101	740M4	0.048	ppbV		
15) isopropyl alcohol	6.210	45	1223	0.097	ppbV	#	92
16) acrylonitrile	6.433	53	235M4	0.031	ppbV		
17) 1,1-dichloroethene	6.824	61	219M4	0.018	ppbV		
18) tertiary butyl alcohol	6.962	59	273	0.018	ppbV	#	9
19) methylene chloride	6.992	49	4055	0.327	ppbV		100
20) 3-chloropropene	7.130	41	178M4	0.016	ppbV		
21) carbon disulfide	7.286	76	571	0.020	ppbV	#	1
22) Freon 113	7.328	101	397	0.025	ppbV		98
23) trans-1,2-dichloroethene	8.125	61	253	0.021	ppbV		94
24) 1,1-dichloroethane	8.358	63	305	0.021	ppbV	#	74

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\
Data File : r322154_Ev2.D
Acq On : 16 May 2022 9:15 PM
Operator : AIRPIANO3:TS
Sample : ITO15-SIMSTD0.02
Misc : WG1639637
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 16:59:25 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 14:26:18 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\r322160_Ev2.D
Sub List : Default-ICV-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) MTBE	8.492	73	361	0.016	ppbV	#	64
26) vinyl acetate	8.575	43	828M4	0.054	ppbV		
27) 2-butanone	8.892	43	1165	0.066	ppbV	#	92
28) cis-1,2-dichloroethene	9.367	61	227	0.020	ppbV		87
29) Ethyl Acetate	9.700	61	77M4	0.025	ppbV		
30) chloroform	9.717	83	367	0.023	ppbV	#	80
31) Tetrahydrofuran	10.233	42	253	0.024	ppbV	#	76
32) 1,2-dichloroethane	10.575	62	198	0.021	ppbV	#	63
34) hexane	9.633	57	676	0.042	ppbV	#	55
36) 1,1,1-trichloroethane	10.867	97	275	0.022	ppbV	#	71
37) benzene	11.393	78	2483	0.081	ppbV		95
38) carbon tetrachloride	11.567	117	302	0.025	ppbV		92
39) cyclohexane	11.713	56	316	0.019	ppbV	#	89
40) Dibromomethane	12.320	93	454	0.051	ppbV	#	83
41) 1,2-dichloropropane	12.353	63	233	0.023	ppbV	#	74
42) bromodichloromethane	12.580	83	298	0.019	ppbV	#	94
43) 1,4-dioxane	12.687	88	264	0.042	ppbV	#	61
44) trichloroethene	12.633	130	239	0.017	ppbV		98
45) 2,2,4-trimethylpentane	12.687	57	1810	0.037	ppbV	#	87
46) heptane	13.000	43	488	0.027	ppbV		96
47) cis-1,3-dichloropropene	14.300	75	159M4	0.012	ppbV		
48) 4-methyl-2-pentanone	13.742	43	256	0.012	ppbV	#	87
49) trans-1,3-dichloropropene	13.650	75	266	0.019	ppbV	#	54
50) 1,1,2-trichloroethane	14.483	97	214	0.020	ppbV	#	92
52) toluene	14.792	91	1609	0.048	ppbV		97
54) 2-hexanone	15.133	43	230M4	0.012	ppbV		
55) dibromochloromethane	15.233	129	273	0.017	ppbV	#	90
56) 1,2-dibromoethane	15.492	107	320	0.019	ppbV		94
57) tetrachloroethene	15.958	166	450	0.026	ppbV	#	89
58) 1,1,1,2-tetrachloroethane	16.600	131	303	0.023	ppbV	#	90
59) chlorobenzene	16.617	112	710	0.024	ppbV		92
60) ethylbenzene	16.967	91	792	0.020	ppbV		99
61) m+p-xylene	17.133	91	1300	0.038	ppbV		95
62) bromoform	17.200	173	257	0.017	ppbV	#	84
63) styrene	17.467	104	579	0.019	ppbV	#	84
64) 1,1,2,2-tetrachloroethane	17.558	83	509M4	0.020	ppbV		
65) o-xylene	17.558	91	705	0.020	ppbV		92
66) 1,2,3-Trichloropropane	17.675	75	391	0.019	ppbV	#	81
68) isopropylbenzene	18.067	105	853	0.017	ppbV		91
69) Bromobenzene	18.142	77	444	0.016	ppbV		84

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\
Data File : r322154_Ev2.D
Acq On : 16 May 2022 9:15 PM
Operator : AIRPIANO3:TS
Sample : ITO15-SIMSTD0.02
Misc : WG1639637
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 16:59:25 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 14:26:18 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\r322160_Ev2.D
Sub List : Default-ICV-AP2 - All compounds listed

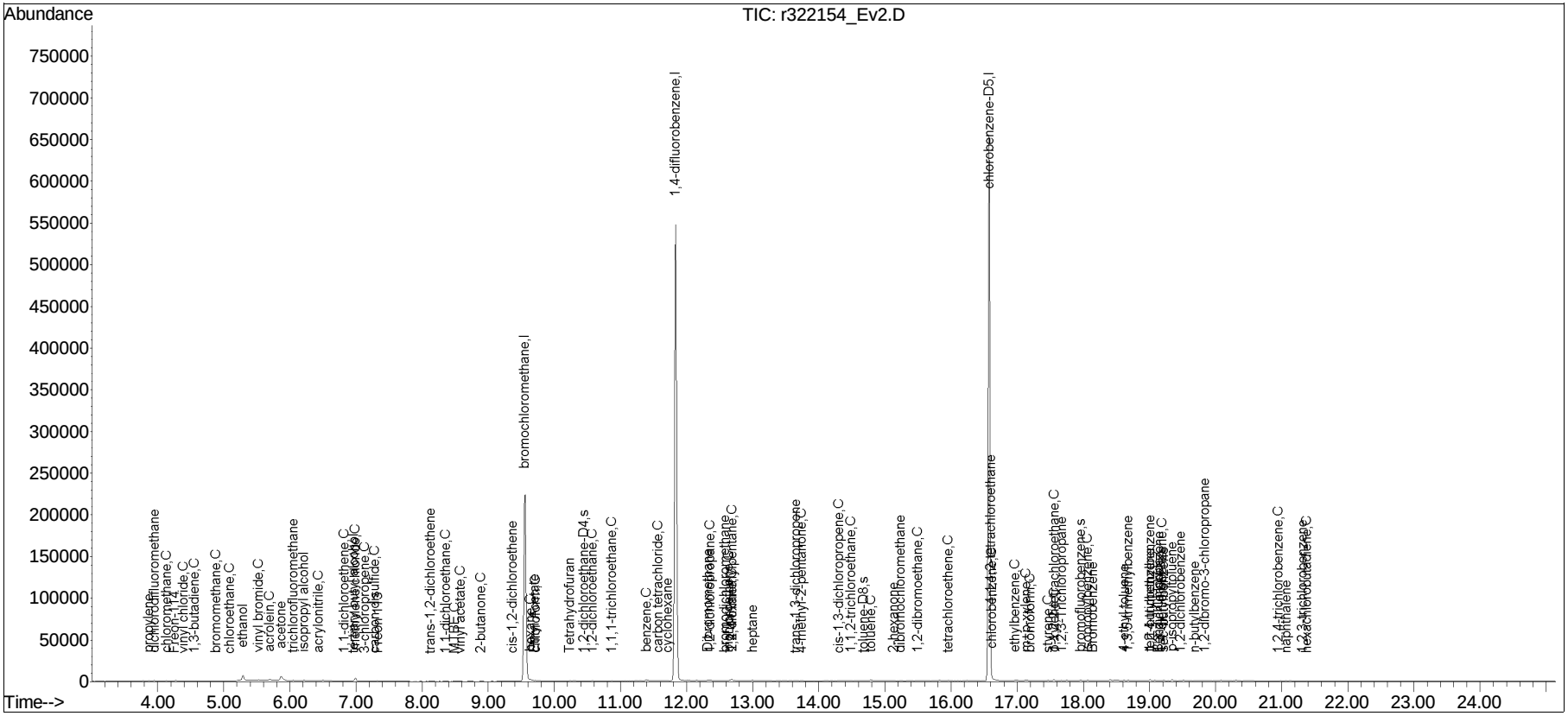
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) 4-ethyl toluene	18.617	105	894	0.017	ppbV #	91
71) 1,3,5-trimethylbenzene	18.675	105	557	0.012	ppbV #	97
72) tert-butylbenzene	19.008	119	733	0.015	ppbV #	87
73) 1,2,4-trimethylbenzene	19.008	105	663	0.015	ppbV	97
74) Benzyl Chloride	19.133	91	179	0.008	ppbV #	62
75) 1,3-dichlorobenzene	19.142	146	470	0.014	ppbV	93
76) 1,4-dichlorobenzene	19.192	146	470M4	0.014	ppbV	
77) sec-butylbenzene	19.217	105	1003	0.015	ppbV	97
78) p-isopropyltoluene	19.342	119	789	0.014	ppbV	94
79) 1,2-dichlorobenzene	19.467	146	566	0.018	ppbV #	85
80) n-butylbenzene	19.683	91	593	0.012	ppbV	89
81) 1,2-dibromo-3-chloropr...	19.833	75	192	0.015	ppbV #	72
82) 1,2,4-trichlorobenzene	20.950	180	370	0.014	ppbV #	62
83) naphthalene	21.067	128	1204	0.018	ppbV #	77
84) 1,2,3-trichlorobenzene	21.317	180	389	0.015	ppbV #	83
85) hexachlorobutadiene	21.375	225	463	0.019	ppbV #	83

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default-ICV-AP2 - All compounds listed16SIM_I\r322160_Ev2.D

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\
Data File : r322154_Ev2.D
Acq On : 16 May 2022 9:15 PM
Operator : AIRPIANO3:TS
Sample : ITO15-SIMSTD0.02
Misc : WG1639637
ALS Vial : 0 Sample Multiplier: 1

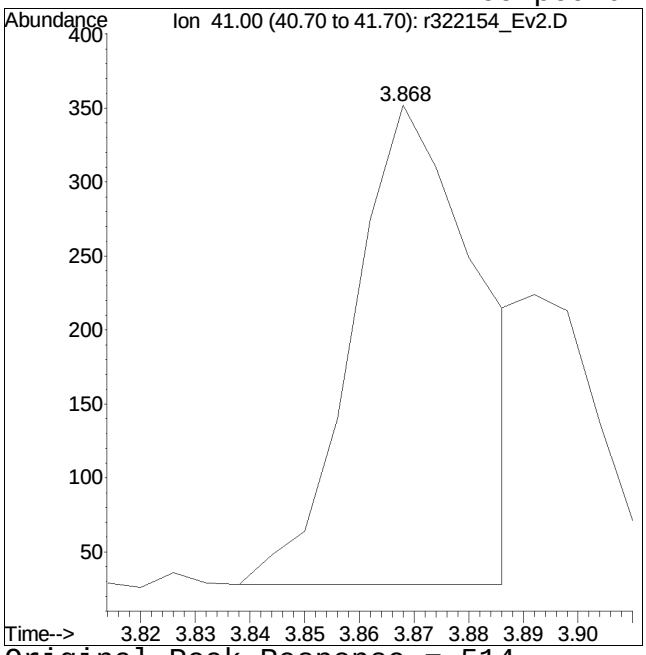
Quant Time: May 17 16:59:25 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 14:26:18 2022
Response via : Initial Calibration



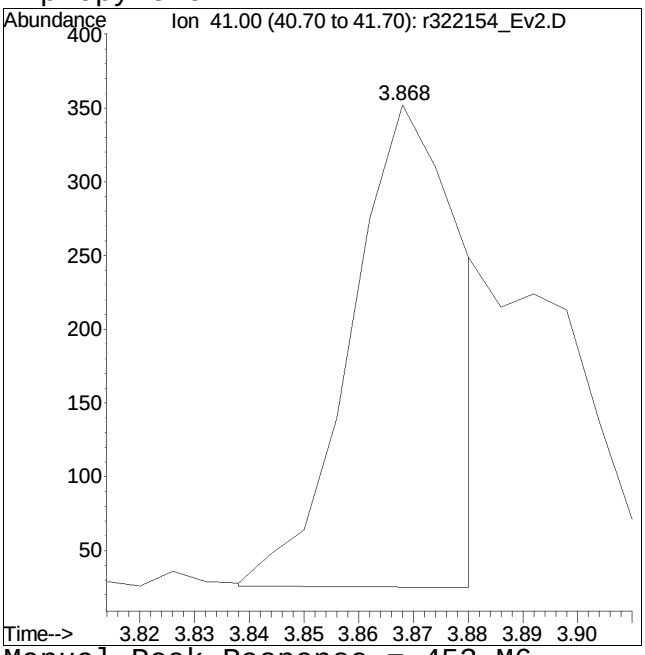
Manual Integration Report

Data Path : O:\Forensics\Data\AirpianoQMethod : TSIM3_220516.M
Data File : r322154_Ev2.D Operator : AIRPIANO3:TS
Date Inj'd : 5/16/2020 0:9: 5 Instrument :
Sample : ITO15-SIMSTD0.02 Quant Date : 5/17/2022 2:26 pm

Compound #2: propylene



Original Peak Response = 514



Manual Peak Response = 453 M6

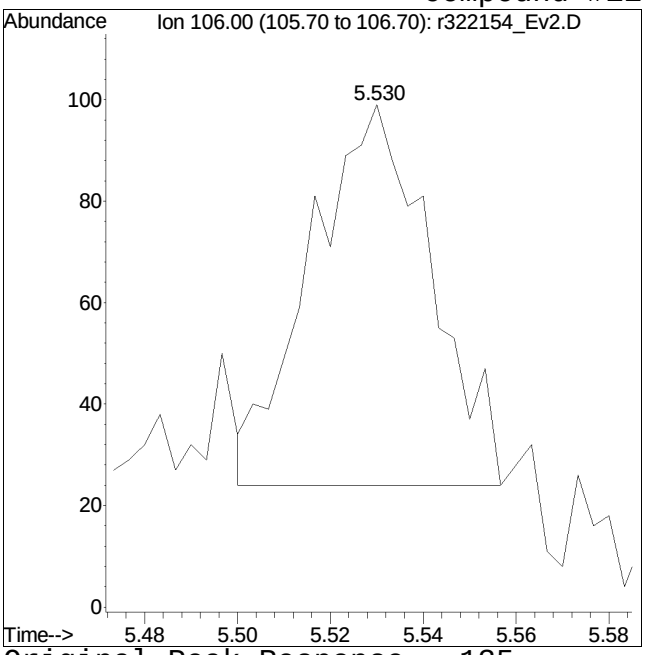
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

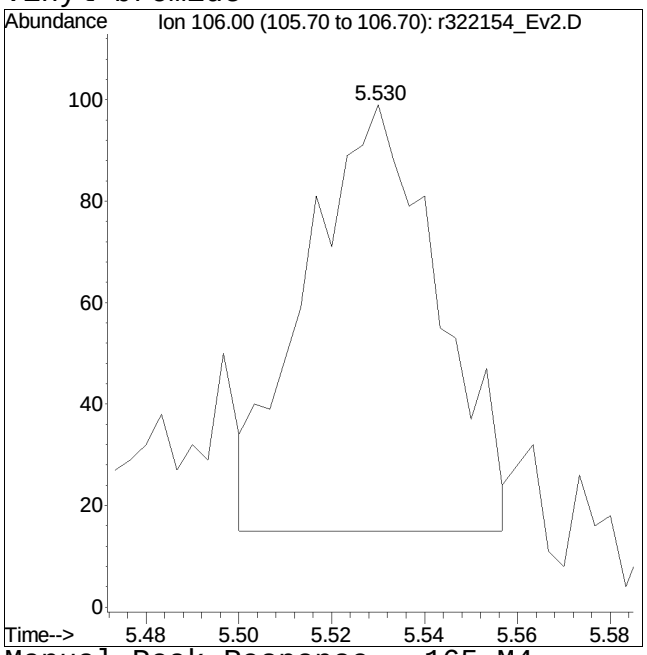
Data Path : O:\Forensics\Data\AirpianoQ
Data File : r322154_Ev2.D
Date Inj'd : 5/16/2020 0:9: 5
Sample : ITO15-SIMSTD0.02

Method : TSIM3_220516.M
Operator : AIRPIANO3:TS
Instrument :
Quant Date : 5/17/2022 2:26 pm

Compound #11: vinyl bromide



Original Peak Response = 135



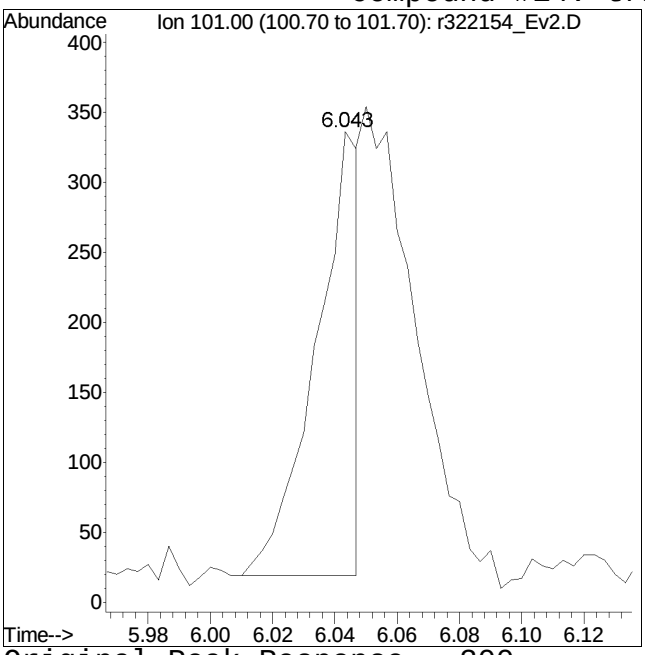
Manual Peak Response = 165 M4

M4 = Poor automated baseline construction.

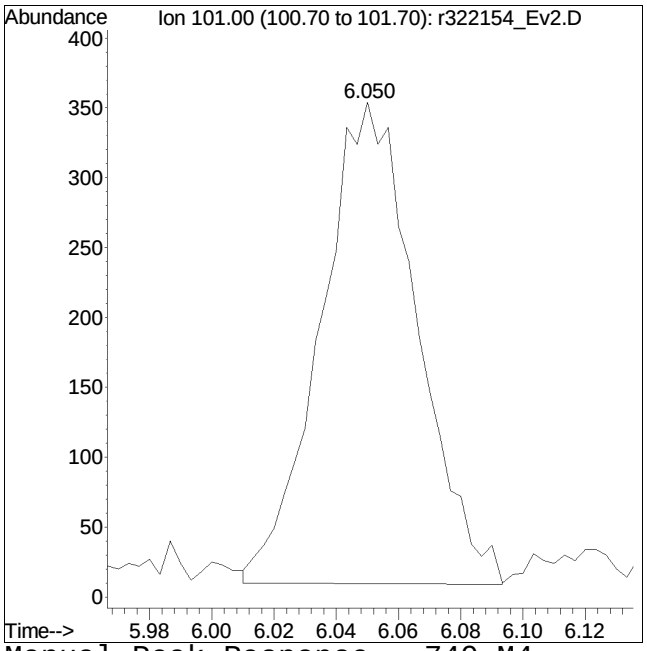
Manual Integration Report

Data Path : O:\Forensics\Data\AirpianoQMethod : TSIM3_220516.M
Data File : r322154_Ev2.D Operator : AIRPIANO3:TS
Date Inj'd : 5/16/2020 0:9: 5 Instrument :
Sample : ITO15-SIMSTD0.02 Quant Date : 5/17/2022 2:26 pm

Compound #14: trichlorofluoromethane



Original Peak Response = 300



Manual Peak Response = 740 M4

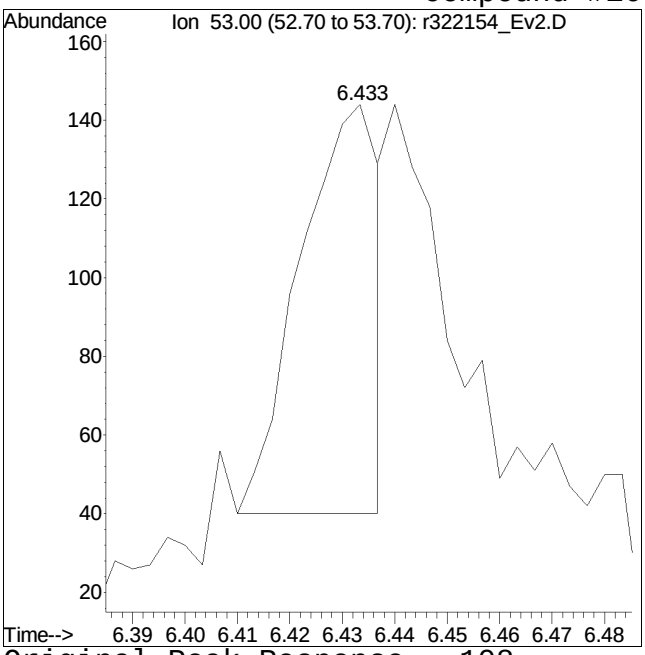
M4 = Poor automated baseline construction.

Manual Integration Report

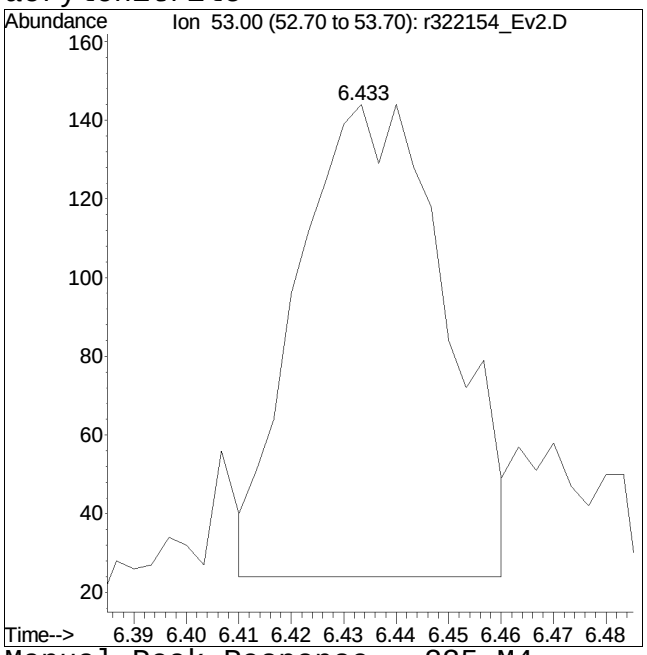
Data Path : O:\Forensics\Data\AirpianoQ
Data File : r322154_Ev2.D
Date Inj'd : 5/16/2020 0:9: 5
Sample : ITO15-SIMSTD0.02

Method : TSIM3_220516.M
Operator : AIRPIANO3:TS
Instrument :
Quant Date : 5/17/2022 2:26 pm

Compound #16: acrylonitrile



Original Peak Response = 108



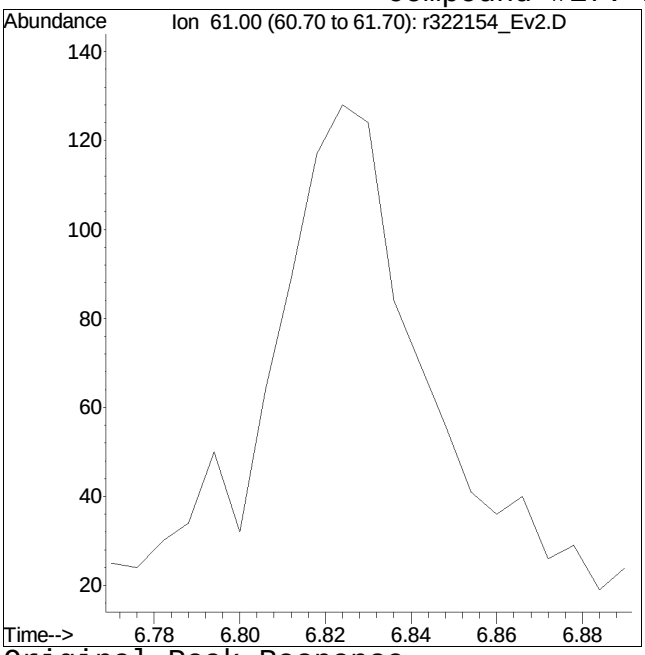
Manual Peak Response = 235 M4

M4 = Poor automated baseline construction.

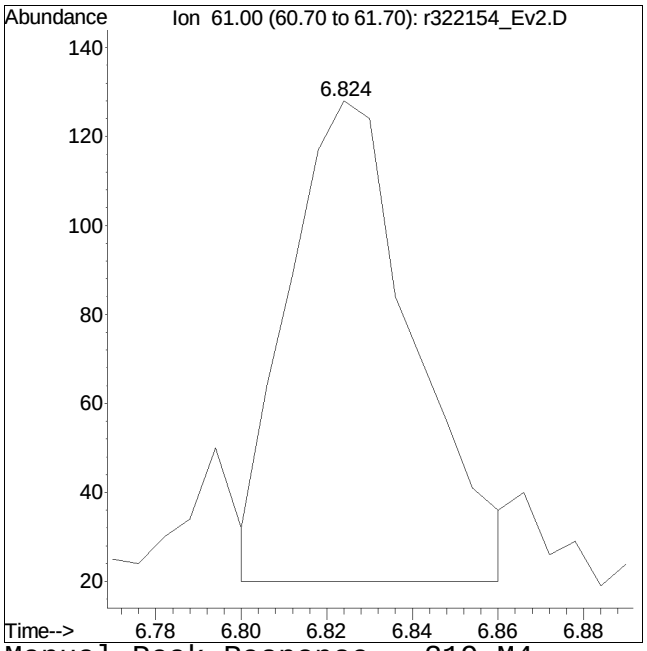
Manual Integration Report

Data Path : O:\Forensics\Data\AirpianoQMethod : TSIM3_220516.M
Data File : r322154_Ev2.D Operator : AIRPIANO3:TS
Date Inj'd : 5/16/2020 0:9: 5 Instrument :
Sample : ITO15-SIMSTD0.02 Quant Date : 5/17/2022 2:26 pm

Compound #17: 1,1-dichloroethene



Original Peak Response =



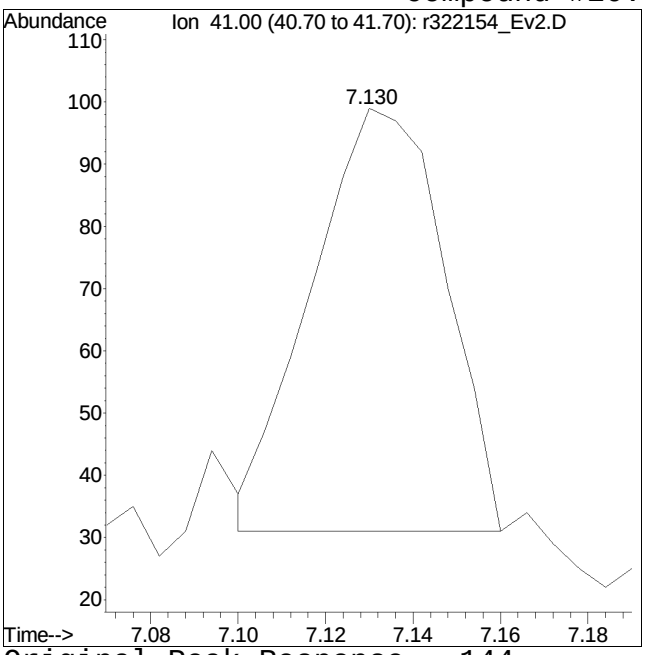
Manual Peak Response = 219 M4

M4 = Poor automated baseline construction.

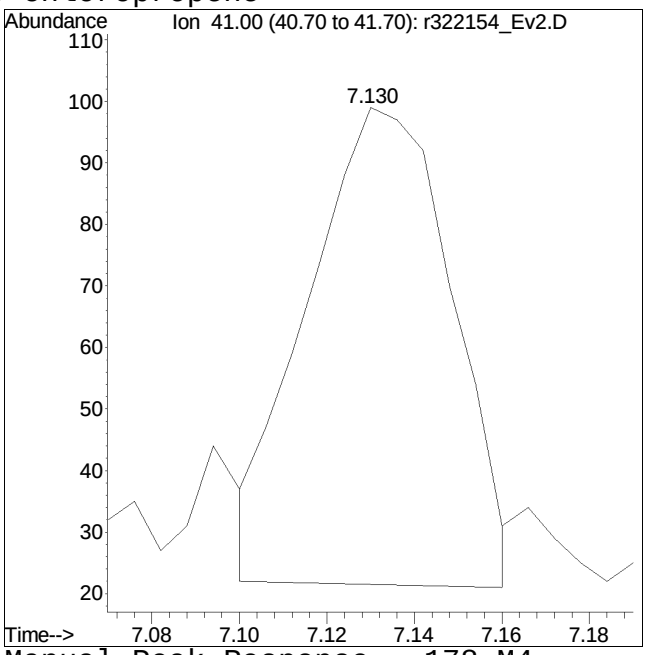
Manual Integration Report

Data Path : O:\Forensics\Data\AirpianoQMethod : TSIM3_220516.M
Data File : r322154_Ev2.D Operator : AIRPIANO3:TS
Date Inj'd : 5/16/2020 0:9: 5 Instrument :
Sample : ITO15-SIMSTD0.02 Quant Date : 5/17/2022 2:26 pm

Compound #20: 3-chloropropene



Original Peak Response = 144



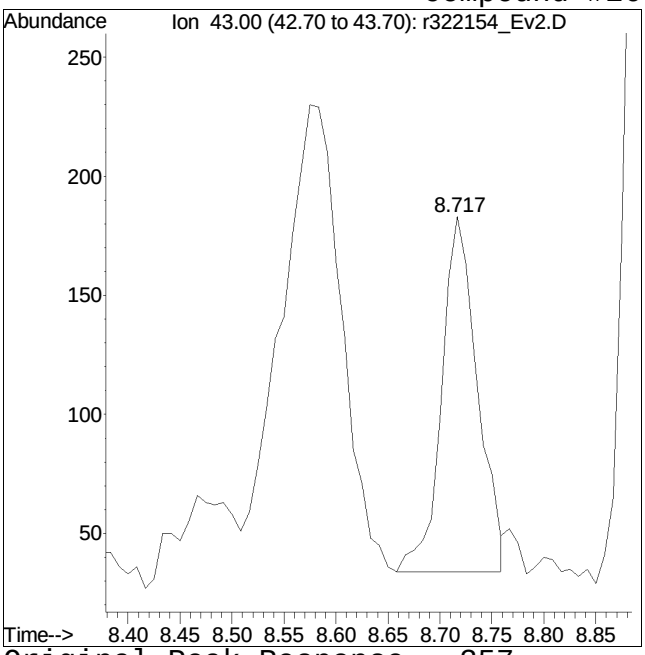
Manual Peak Response = 178 M4

M4 = Poor automated baseline construction.

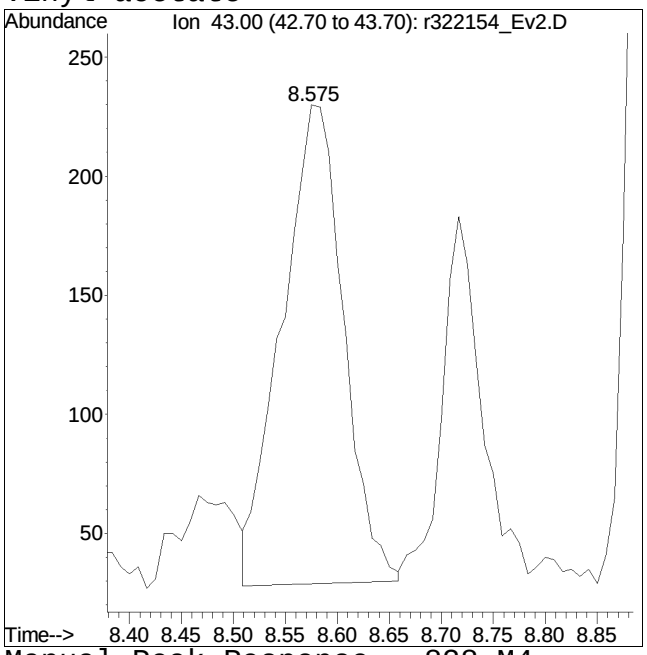
Manual Integration Report

Data Path : O:\Forensics\Data\AirpianoQMethod : TSIM3_220516.M
Data File : r322154_Ev2.D Operator : AIRPIANO3:TS
Date Inj'd : 5/16/2020 0:9: 5 Instrument :
Sample : ITO15-SIMSTD0.02 Quant Date : 5/17/2022 2:26 pm

Compound #26: vinyl acetate



Original Peak Response = 357



Manual Peak Response = 828 M4

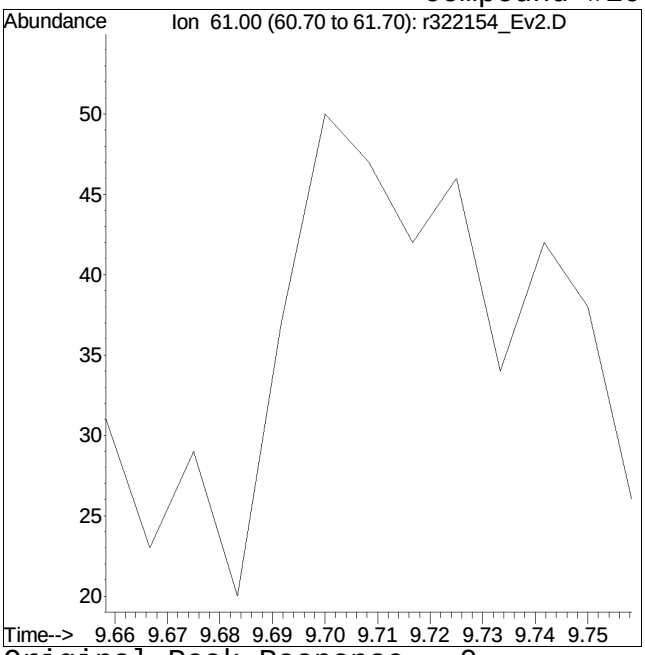
M4 = Poor automated baseline construction.

Manual Integration Report

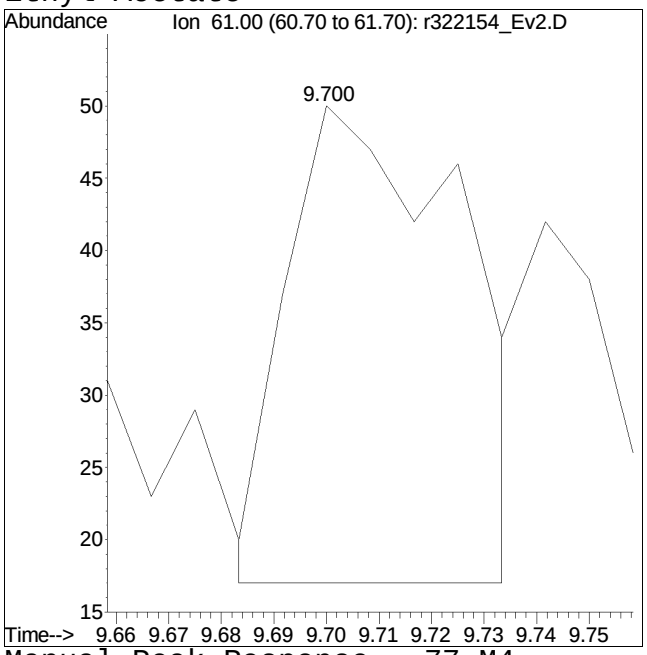
Data Path : O:\Forensics\Data\AirpianoQ
Data File : r322154_Ev2.D
Date Inj'd : 5/16/2020 0:9: 5
Sample : ITO15-SIMSTD0.02

Method : TSIM3_220516.M
Operator : AIRPIANO3:TS
Instrument :
Quant Date : 5/17/2022 2:26 pm

Compound #29: Ethyl Acetate



Original Peak Response = 0



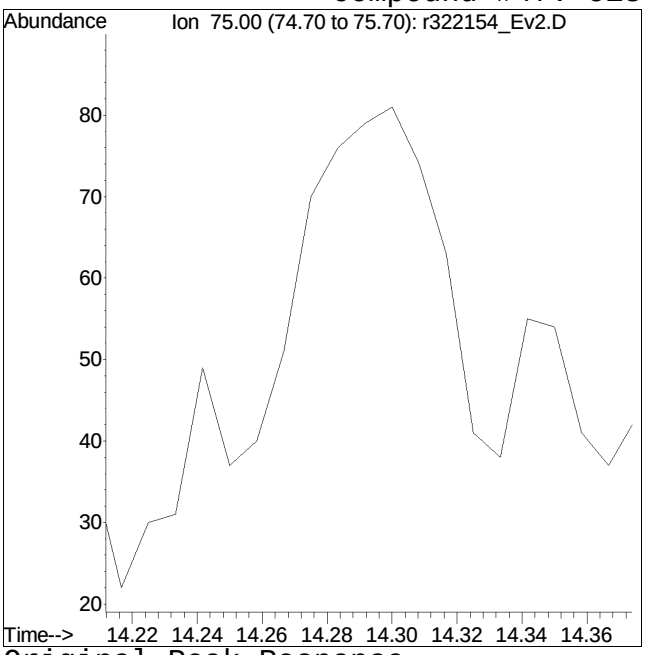
Manual Peak Response = 77 M4

M4 = Poor automated baseline construction.

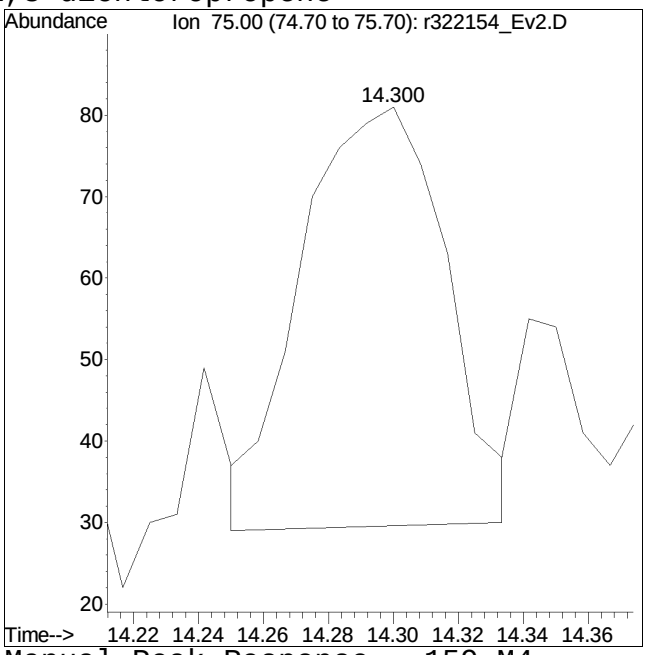
Manual Integration Report

Data Path : O:\Forensics\Data\AirpianoQMethod : TSIM3_220516.M
Data File : r322154_Ev2.D Operator : AIRPIANO3:TS
Date Inj'd : 5/16/2020 0:9: 5 Instrument :
Sample : ITO15-SIMSTD0.02 Quant Date : 5/17/2022 2:26 pm

Compound #47: cis-1,3-dichloropropene



Original Peak Response =



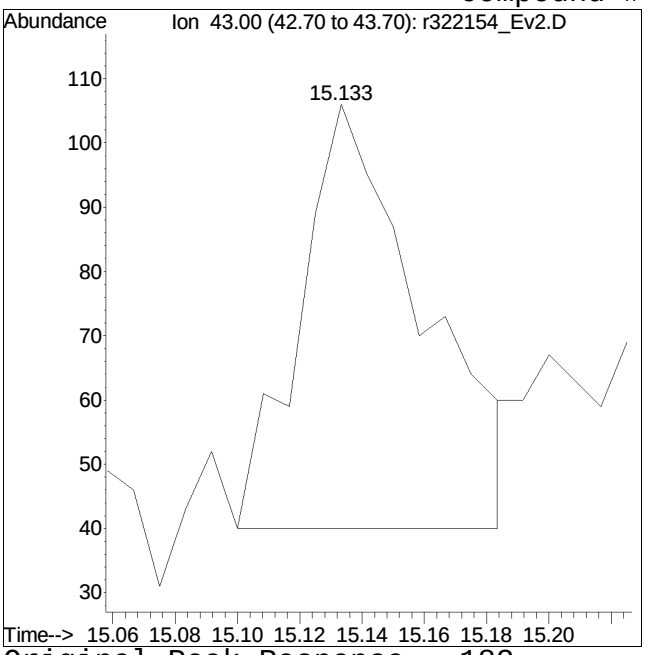
Manual Peak Response = 159 M4

M4 = Poor automated baseline construction.

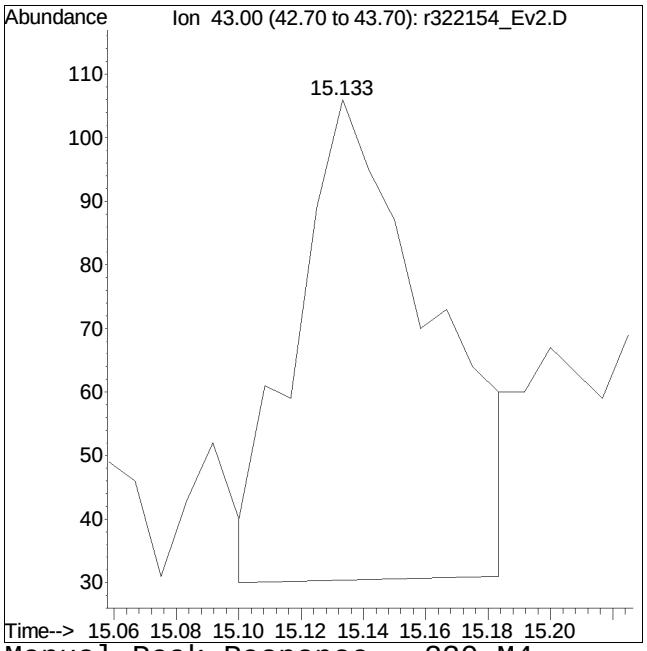
Manual Integration Report

Data Path : O:\Forensics\Data\AirpianoQMethod : TSIM3_220516.M
Data File : r322154_Ev2.D Operator : AIRPIANO3:TS
Date Inj'd : 5/16/2020 0:9: 5 Instrument :
Sample : ITO15-SIMSTD0.02 Quant Date : 5/17/2022 2:26 pm

Compound #54: 2-hexanone



Original Peak Response = 182



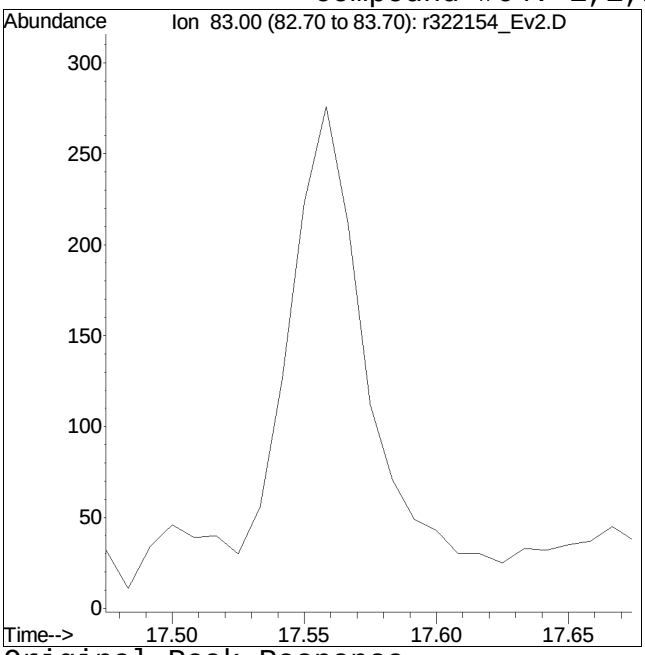
Manual Peak Response = 230 M4

M4 = Poor automated baseline construction.

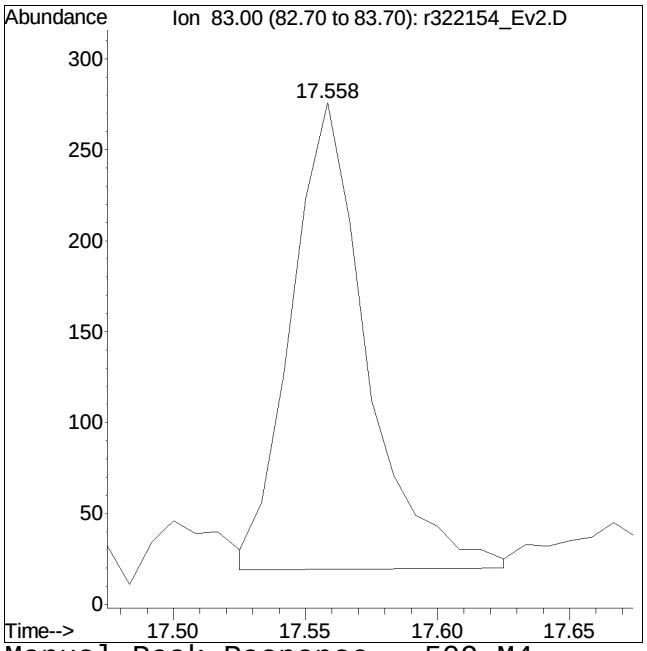
Manual Integration Report

Data Path : O:\Forensics\Data\AirpianoQMethod : TSIM3_220516.M
Data File : r322154_Ev2.D Operator : AIRPIANO3:TS
Date Inj'd : 5/16/2020 0:9: 5 Instrument :
Sample : ITO15-SIMSTD0.02 Quant Date : 5/17/2022 2:26 pm

Compound #64: 1,1,2,2-tetrachloroethane



Original Peak Response =



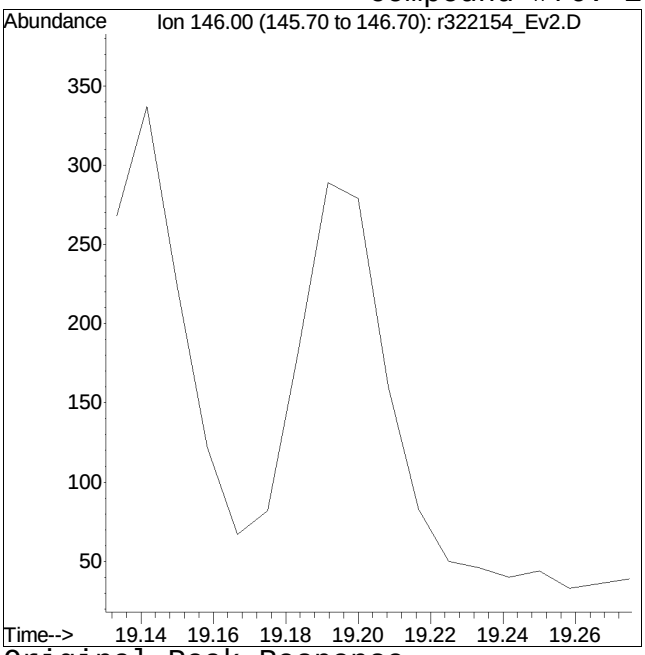
Manual Peak Response = 509 M4

M4 = Poor automated baseline construction.

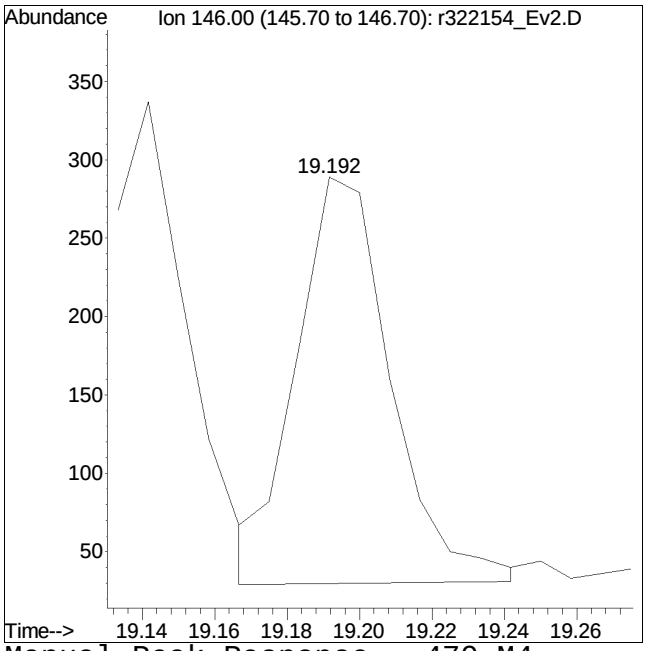
Manual Integration Report

Data Path : O:\Forensics\Data\AirpianoQMethod : TSIM3_220516.M
Data File : r322154_Ev2.D Operator : AIRPIANO3:TS
Date Inj'd : 5/16/2020 0:9: 5 Instrument :
Sample : ITO15-SIMSTD0.02 Quant Date : 5/17/2022 2:26 pm

Compound #76: 1,4-dichlorobenzene



Original Peak Response =



Manual Peak Response = 470 M4

M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\
Data File : r322155_Ev2.D
Acq On : 16 May 2022 9:52 PM
Operator : AIRPIANO3:TS
Sample : ITO15-SIMSTD0.05
Misc : WG1639637
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 17:08:32 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 14:26:18 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\r322160_Ev2.D
Sub List : Default-ICV-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.558	49	235219	10.000	ppbV	0.00
Standard Area = 249837			Recovery = 94.15%			
33) 1,4-difluorobenzene	11.833	114	720225	10.000	ppbV	0.00
Standard Area = 791968			Recovery = 90.94%			
51) chlorobenzene-D5	16.575	54	107417	10.000	ppbV	0.00
Standard Area = 120616			Recovery = 89.06%			
System Monitoring Compounds						
35) 1,2-dichloroethane-D4	10.450	65	174	0.008	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 0.08%#			
53) toluene-D8	14.683	98	503	0.007	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 0.07%#			
67) bromofluorobenzene	17.958	95	423	0.009	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 0.09%#			
Target Compounds						Qvalue
2) propylene	3.874	41	1034	0.156	ppbV	99
3) dichlorodifluoromethane	3.952	85	3172	0.195	ppbV	99
4) chloromethane	4.138	50	1806	0.263	ppbV	98
5) Freon-114	4.264	85	1089	0.052	ppbV	98
6) vinyl chloride	4.396	62	427	0.045	ppbV	93
7) 1,3-butadiene	4.558	54	336	0.045	ppbV	90
8) bromomethane	4.882	94	526	0.069	ppbV	99
9) chloroethane	5.104	64	312	0.067	ppbV #	68
10) ethanol	5.293	31	15048	1.951	ppbV	100
11) vinyl bromide	5.530	106	308	0.041	ppbV	96
12) acrolein	5.693	56	1678	0.362	ppbV	96
13) acetone	5.867	43	13268	1.400	ppbV #	96
14) trichlorofluoromethane	6.053	101	1616	0.107	ppbV	96
15) isopropyl alcohol	6.213	45	3239	0.260	ppbV #	92
16) acrylonitrile	6.437	53	572M4	0.077	ppbV	
17) 1,1-dichloroethene	6.830	61	512	0.043	ppbV #	90
18) tertiary butyl alcohol	6.968	59	658	0.044	ppbV #	1
19) methylene chloride	6.998	49	9754	0.799	ppbV	98
20) 3-chloropropene	7.136	41	477	0.044	ppbV	88
21) carbon disulfide	7.292	76	1424	0.052	ppbV #	1
22) Freon 113	7.334	101	1100	0.070	ppbV	98
23) trans-1,2-dichloroethene	8.133	61	620	0.051	ppbV	90
24) 1,1-dichloroethane	8.367	63	711	0.049	ppbV	90

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\
Data File : r322155_Ev2.D
Acq On : 16 May 2022 9:52 PM
Operator : AIRPIANO3:TS
Sample : ITO15-SIMSTD0.05
Misc : WG1639637
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 17:08:32 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 14:26:18 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\r322160_Ev2.D
Sub List : Default-ICV-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) MTBE	8.483	73	953	0.043	ppbV	#	80
26) vinyl acetate	8.583	43	1426M4	0.095	ppbV		
27) 2-butanone	8.892	43	2550	0.147	ppbV	#	92
28) cis-1,2-dichloroethene	9.367	61	501	0.046	ppbV		88
29) Ethyl Acetate	9.700	61	178M4	0.060	ppbV		
30) chloroform	9.725	83	768	0.050	ppbV	#	87
31) Tetrahydrofuran	10.233	42	578	0.056	ppbV	#	82
32) 1,2-dichloroethane	10.575	62	511	0.055	ppbV	#	76
34) hexane	9.633	57	1575	0.100	ppbV	#	54
36) 1,1,1-trichloroethane	10.867	97	563	0.046	ppbV	#	85
37) benzene	11.393	78	4299	0.143	ppbV		98
38) carbon tetrachloride	11.573	117	808	0.068	ppbV	#	88
39) cyclohexane	11.713	56	820	0.051	ppbV		94
40) Dibromomethane	12.327	93	702	0.081	ppbV	#	95
41) 1,2-dichloropropane	12.360	63	490	0.050	ppbV		86
42) bromodichloromethane	12.587	83	795	0.051	ppbV	#	97
43) 1,4-dioxane	12.680	88	410	0.066	ppbV	#	62
44) trichloroethene	12.640	130	740	0.055	ppbV		95
45) 2,2,4-trimethylpentane	12.687	57	3418	0.071	ppbV	#	93
46) heptane	13.000	43	1057M4	0.060	ppbV		
47) cis-1,3-dichloropropene	14.283	75	353	0.028	ppbV	#	73
48) 4-methyl-2-pentanone	13.733	43	810	0.039	ppbV	#	92
49) trans-1,3-dichloropropene	13.658	75	572	0.041	ppbV	#	89
50) 1,1,2-trichloroethane	14.483	97	462	0.044	ppbV		95
52) toluene	14.792	91	3869	0.120	ppbV		97
54) 2-hexanone	15.125	43	583	0.030	ppbV		94
55) dibromochloromethane	15.242	129	665	0.042	ppbV	#	94
56) 1,2-dibromoethane	15.492	107	856	0.052	ppbV		93
57) tetrachloroethene	15.958	166	917	0.054	ppbV	#	96
58) 1,1,1,2-tetrachloroethane	16.608	131	600	0.048	ppbV		98
59) chlorobenzene	16.617	112	1575	0.055	ppbV		96
60) ethylbenzene	16.967	91	2044	0.052	ppbV		93
61) m+p-xylene	17.133	91	3179	0.096	ppbV		99
62) bromoform	17.208	173	637	0.043	ppbV		94
63) styrene	17.467	104	1315	0.044	ppbV		95
64) 1,1,2,2-tetrachloroethane	17.558	83	1141	0.047	ppbV		96
65) o-xylene	17.550	91	1665	0.050	ppbV		100
66) 1,2,3-Trichloropropane	17.675	75	995	0.049	ppbV	#	94
68) isopropylbenzene	18.067	105	2079	0.042	ppbV		98
69) Bromobenzene	18.142	77	1181	0.044	ppbV		92

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\
Data File : r322155_Ev2.D
Acq On : 16 May 2022 9:52 PM
Operator : AIRPIANO3:TS
Sample : ITO15-SIMSTD0.05
Misc : WG1639637
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 17:08:32 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 14:26:18 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\r322160_Ev2.D
Sub List : Default-ICV-AP2 - All compounds listed

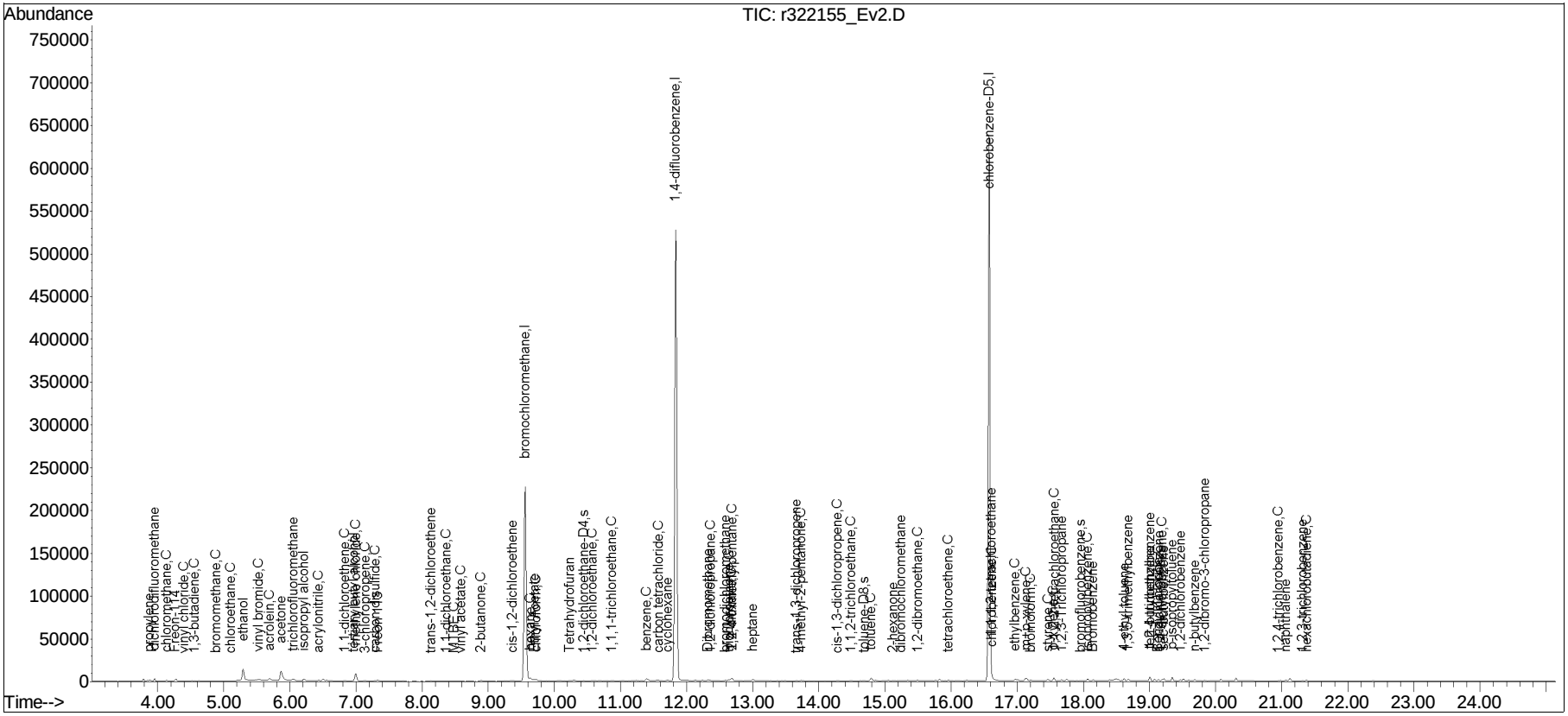
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) 4-ethyl toluene	18.617	105	2152	0.041	ppbV #	97
71) 1,3,5-trimethylbenzene	18.675	105	1352	0.030	ppbV #	98
72) tert-butylbenzene	19.008	119	2013	0.043	ppbV	94
73) 1,2,4-trimethylbenzene	19.008	105	1692	0.038	ppbV	96
74) Benzyl Chloride	19.125	91	449	0.021	ppbV	92
75) 1,3-dichlorobenzene	19.142	146	1318	0.040	ppbV	96
76) 1,4-dichlorobenzene	19.192	146	1409	0.042	ppbV	98
77) sec-butylbenzene	19.217	105	2601	0.039	ppbV	97
78) p-isopropyltoluene	19.342	119	2158	0.038	ppbV	98
79) 1,2-dichlorobenzene	19.467	146	1417	0.046	ppbV	91
80) n-butylbenzene	19.683	91	1779	0.039	ppbV	91
81) 1,2-dibromo-3-chloropr...	19.833	75	378	0.031	ppbV #	82
82) 1,2,4-trichlorobenzene	20.950	180	1005	0.040	ppbV #	90
83) naphthalene	21.058	128	2697	0.041	ppbV #	94
84) 1,2,3-trichlorobenzene	21.317	180	1162	0.046	ppbV #	91
85) hexachlorobutadiene	21.375	225	1133	0.048	ppbV #	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default-ICV-AP2 - All compounds listed16SIM_I\r322160_Ev2.D

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\
Data File : r322155_Ev2.D
Acq On : 16 May 2022 9:52 PM
Operator : AIRPIANO3:TS
Sample : ITO15-SIMSTD0.05
Misc : WG1639637
ALS Vial : 0 Sample Multiplier: 1

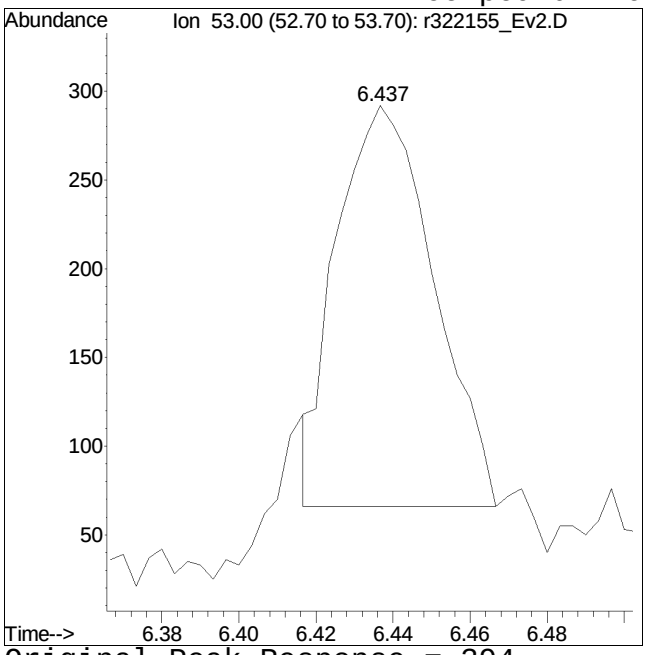
Quant Time: May 17 17:08:32 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 14:26:18 2022
Response via : Initial Calibration



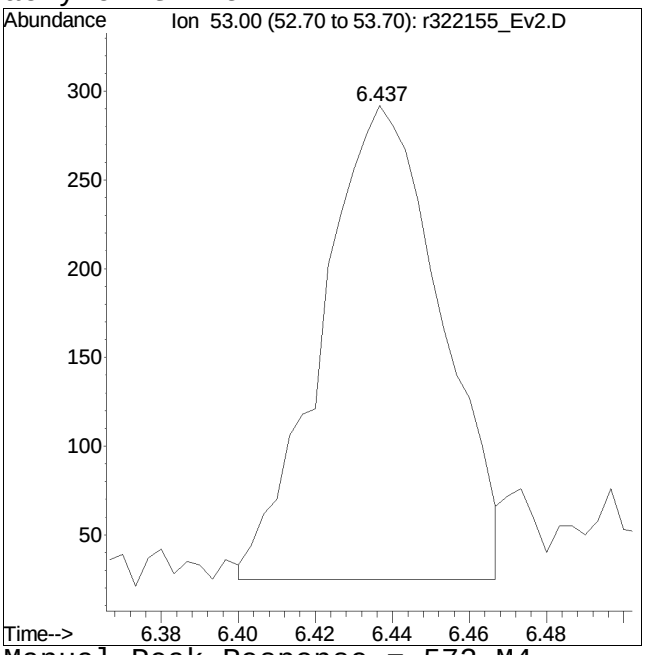
Manual Integration Report

Data Path : O:\Forensics\Data\AirpianoQMethod : TSIM3_220516.M
Data File : r322155_Ev2.D Operator : AIRPIANO3:TS
Date Inj'd : 5/16/2020 0:9: 2 Instrument :
Sample : ITO15-SIMSTD0.05 Quant Date : 5/17/2022 2:26 pm

Compound #16: acrylonitrile



Original Peak Response = 394



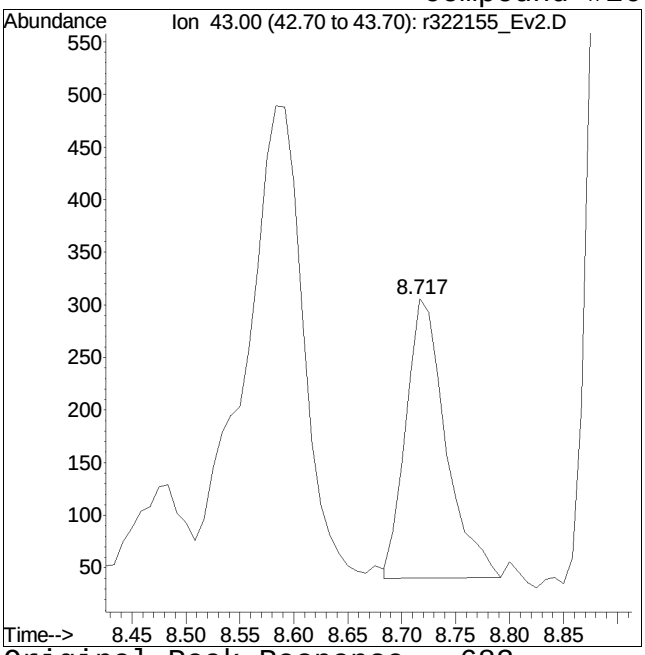
Manual Peak Response = 572 M4

M4 = Poor automated baseline construction.

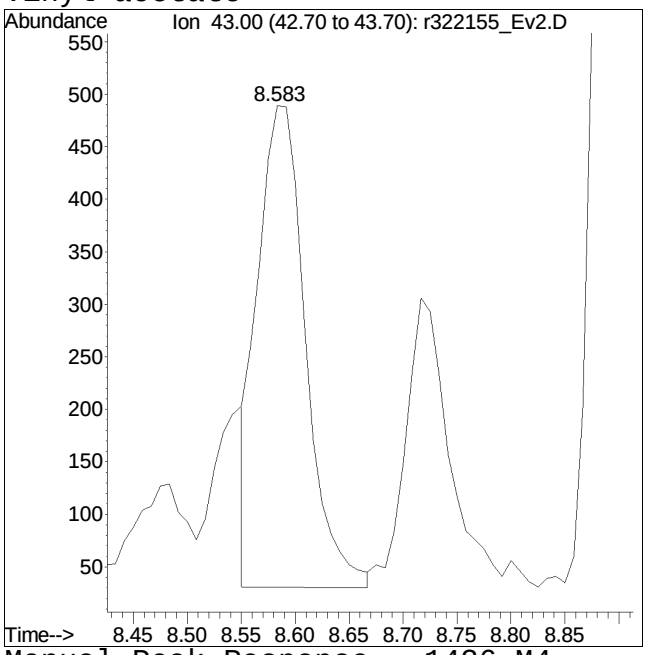
Manual Integration Report

Data Path : O:\Forensics\Data\AirpianoQMethod : TSIM3_220516.M
Data File : r322155_Ev2.D Operator : AIRPIANO3:TS
Date Inj'd : 5/16/2020 0:9: 2 Instrument :
Sample : ITO15-SIMSTD0.05 Quant Date : 5/17/2022 2:26 pm

Compound #26: vinyl acetate



Original Peak Response = 683



Manual Peak Response = 1426 M4

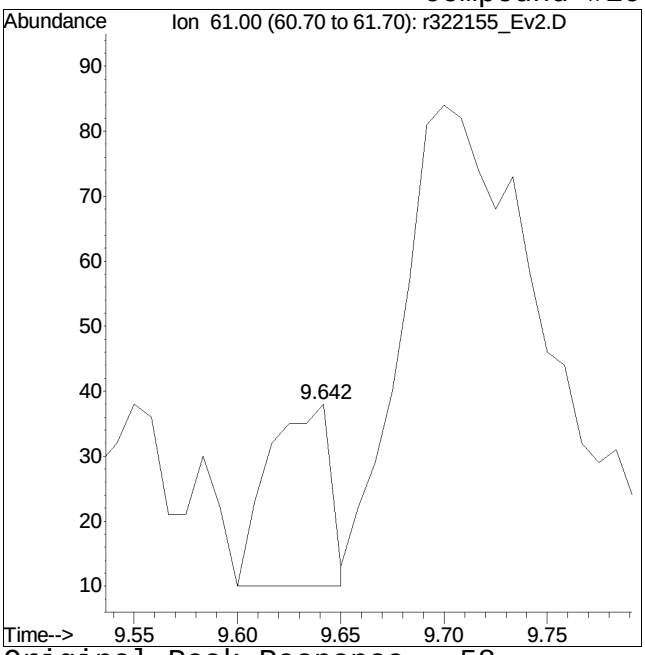
M4 = Poor automated baseline construction.

Manual Integration Report

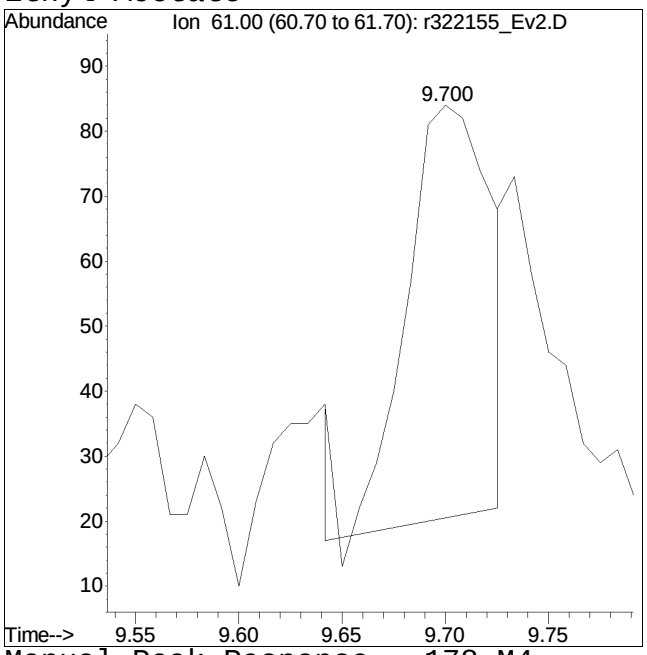
Data Path : O:\Forensics\Data\AirpianoQ
Data File : r322155_Ev2.D
Date Inj'd : 5/16/2020 0:9: 2
Sample : ITO15-SIMSTD0.05

Method : TSIM3_220516.M
Operator : AIRPIANO3:TS
Instrument :
Quant Date : 5/17/2022 2:26 pm

Compound #29: Ethyl Acetate



Original Peak Response = 58



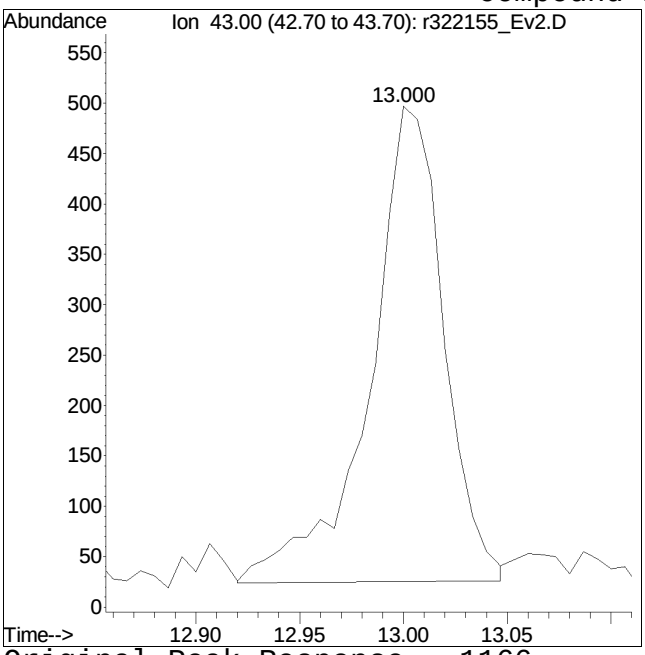
Manual Peak Response = 178 M4

M4 = Poor automated baseline construction.

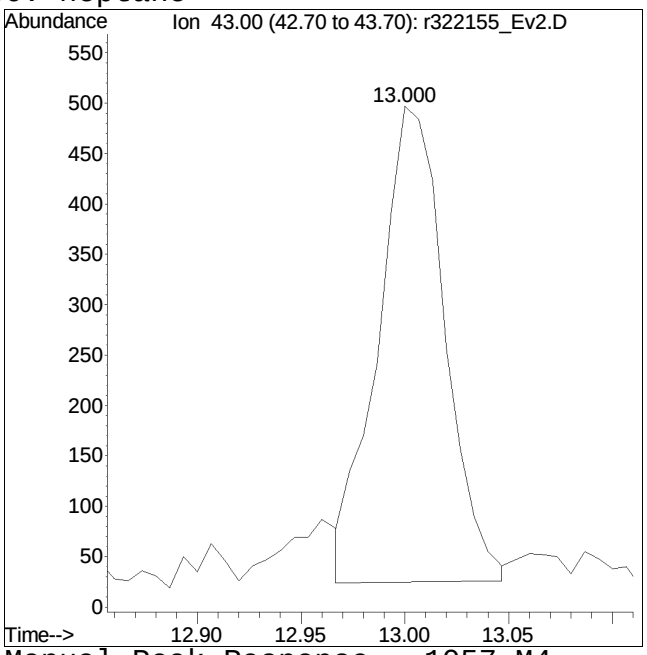
Manual Integration Report

Data Path : O:\Forensics\Data\AirpianoQMethod : TSIM3_220516.M
Data File : r322155_Ev2.D Operator : AIRPIANO3:TS
Date Inj'd : 5/16/2020 0:9: 2 Instrument :
Sample : ITO15-SIMSTD0.05 Quant Date : 5/17/2022 2:26 pm

Compound #46: heptane



Original Peak Response = 1166



Manual Peak Response = 1057 M4

M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\
Data File : r322156_Ev2.D
Acq On : 16 May 2022 10:32 PM
Operator : AIRPIANO3:TS
Sample : ITO15-SIMSTD0.1
Misc : WG1639637
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 17:12:05 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 14:26:18 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\r322160_Ev2.D
Sub List : Default-ICV-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.558	49	237680	10.000	ppbV	0.00
Standard Area = 249837			Recovery = 95.13%			
33) 1,4-difluorobenzene	11.840	114	740816	10.000	ppbV	0.00
Standard Area = 791968			Recovery = 93.54%			
51) chlorobenzene-D5	16.575	54	110234	10.000	ppbV	0.00
Standard Area = 120616			Recovery = 91.39%			
System Monitoring Compounds						
35) 1,2-dichloroethane-D4	10.450	65	373	0.017	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 0.17%#			
53) toluene-D8	14.683	98	978	0.013	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 0.13%#			
67) bromofluorobenzene	17.958	95	592	0.013	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 0.13%#			
Target Compounds						Qvalue
2) propylene	3.874	41	1694M6	0.254	ppbV	
3) dichlorodifluoromethane	3.952	85	6396	0.390	ppbV	100
4) chloromethane	4.138	50	3555	0.513	ppbV	100
5) Freon-114	4.264	85	2092	0.099	ppbV	99
6) vinyl chloride	4.396	62	848	0.089	ppbV	90
7) 1,3-butadiene	4.564	54	621	0.083	ppbV	93
8) bromomethane	4.882	94	972	0.126	ppbV	100
9) chloroethane	5.098	64	581	0.123	ppbV #	86
10) ethanol	5.290	31	29211	3.748	ppbV	99
11) vinyl bromide	5.530	106	669	0.088	ppbV	96
12) acrolein	5.693	56	3153	0.674	ppbV	99
13) acetone	5.863	43	26544	2.771	ppbV #	99
14) trichlorofluoromethane	6.057	101	3570	0.233	ppbV	99
15) isopropyl alcohol	6.210	45	6104	0.486	ppbV #	96
16) acrylonitrile	6.437	53	1125	0.149	ppbV	98
17) 1,1-dichloroethene	6.830	61	1014	0.084	ppbV	94
18) tertiary butyl alcohol	6.956	59	1324	0.088	ppbV #	87
19) methylene chloride	6.998	49	19339	1.567	ppbV	98
20) 3-chloropropene	7.136	41	894	0.082	ppbV	96
21) carbon disulfide	7.292	76	2960	0.106	ppbV #	39
22) Freon 113	7.334	101	2151	0.136	ppbV	98
23) trans-1,2-dichloroethene	8.133	61	1198	0.098	ppbV	99
24) 1,1-dichloroethane	8.367	63	1370	0.093	ppbV	90

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\
Data File : r322156_Ev2.D
Acq On : 16 May 2022 10:32 PM
Operator : AIRPIANO3:TS
Sample : ITO15-SIMSTD0.1
Misc : WG1639637
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 17:12:05 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 14:26:18 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\r322160_Ev2.D
Sub List : Default-ICV-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) MTBE	8.483	73	1871	0.084	ppbV	#	91
26) vinyl acetate	8.592	43	2805	0.185	ppbV		94
27) 2-butanone	8.883	43	5114	0.292	ppbV		99
28) cis-1,2-dichloroethene	9.367	61	1006	0.091	ppbV		98
29) Ethyl Acetate	9.700	61	386M4	0.128	ppbV		
30) chloroform	9.725	83	1560	0.100	ppbV	#	94
31) Tetrahydrofuran	10.225	42	1136	0.110	ppbV		98
32) 1,2-dichloroethane	10.575	62	954	0.102	ppbV	#	94
34) hexane	9.633	57	3150	0.194	ppbV	#	52
36) 1,1,1-trichloroethane	10.867	97	1113	0.089	ppbV		98
37) benzene	11.400	78	7340	0.237	ppbV		96
38) carbon tetrachloride	11.573	117	1580	0.130	ppbV		94
39) cyclohexane	11.713	56	1561	0.094	ppbV		94
40) Dibromomethane	12.327	93	1110	0.125	ppbV	#	100
41) 1,2-dichloropropane	12.353	63	974	0.097	ppbV	#	94
42) bromodichloromethane	12.587	83	1503	0.094	ppbV	#	96
43) 1,4-dioxane	12.680	88	626	0.098	ppbV	#	68
44) trichloroethene	12.640	130	1302	0.094	ppbV		97
45) 2,2,4-trimethylpentane	12.687	57	6155	0.124	ppbV		97
46) heptane	13.007	43	2030	0.112	ppbV		95
47) cis-1,3-dichloropropene	14.283	75	828	0.063	ppbV		92
48) 4-methyl-2-pentanone	13.725	43	1898	0.089	ppbV		97
49) trans-1,3-dichloropropene	13.658	75	1158	0.081	ppbV	#	88
50) 1,1,2-trichloroethane	14.483	97	1021	0.094	ppbV		96
52) toluene	14.792	91	7923	0.239	ppbV		99
54) 2-hexanone	15.108	43	1346	0.068	ppbV		96
55) dibromochloromethane	15.242	129	1333	0.081	ppbV		97
56) 1,2-dibromoethane	15.492	107	1552	0.092	ppbV		100
57) tetrachloroethene	15.958	166	1777	0.103	ppbV		98
58) 1,1,1,2-tetrachloroethane	16.600	131	1136	0.088	ppbV		96
59) chlorobenzene	16.617	112	3249	0.110	ppbV		99
60) ethylbenzene	16.967	91	4094	0.102	ppbV		100
61) m+p-xylene	17.125	91	6709	0.197	ppbV		100
62) bromoform	17.208	173	1199	0.079	ppbV		99
63) styrene	17.458	104	2621	0.086	ppbV		99
64) 1,1,2,2-tetrachloroethane	17.558	83	2316	0.092	ppbV		98
65) o-xylene	17.550	91	3402	0.099	ppbV		99
66) 1,2,3-Trichloropropane	17.667	75	1940	0.093	ppbV	#	94
68) isopropylbenzene	18.067	105	4363	0.086	ppbV		100
69) Bromobenzene	18.142	77	2523	0.091	ppbV		98

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\
Data File : r322156_Ev2.D
Acq On : 16 May 2022 10:32 PM
Operator : AIRPIANO3:TS
Sample : ITO15-SIMSTD0.1
Misc : WG1639637
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 17:12:05 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 14:26:18 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\r322160_Ev2.D
Sub List : Default-ICV-AP2 - All compounds listed

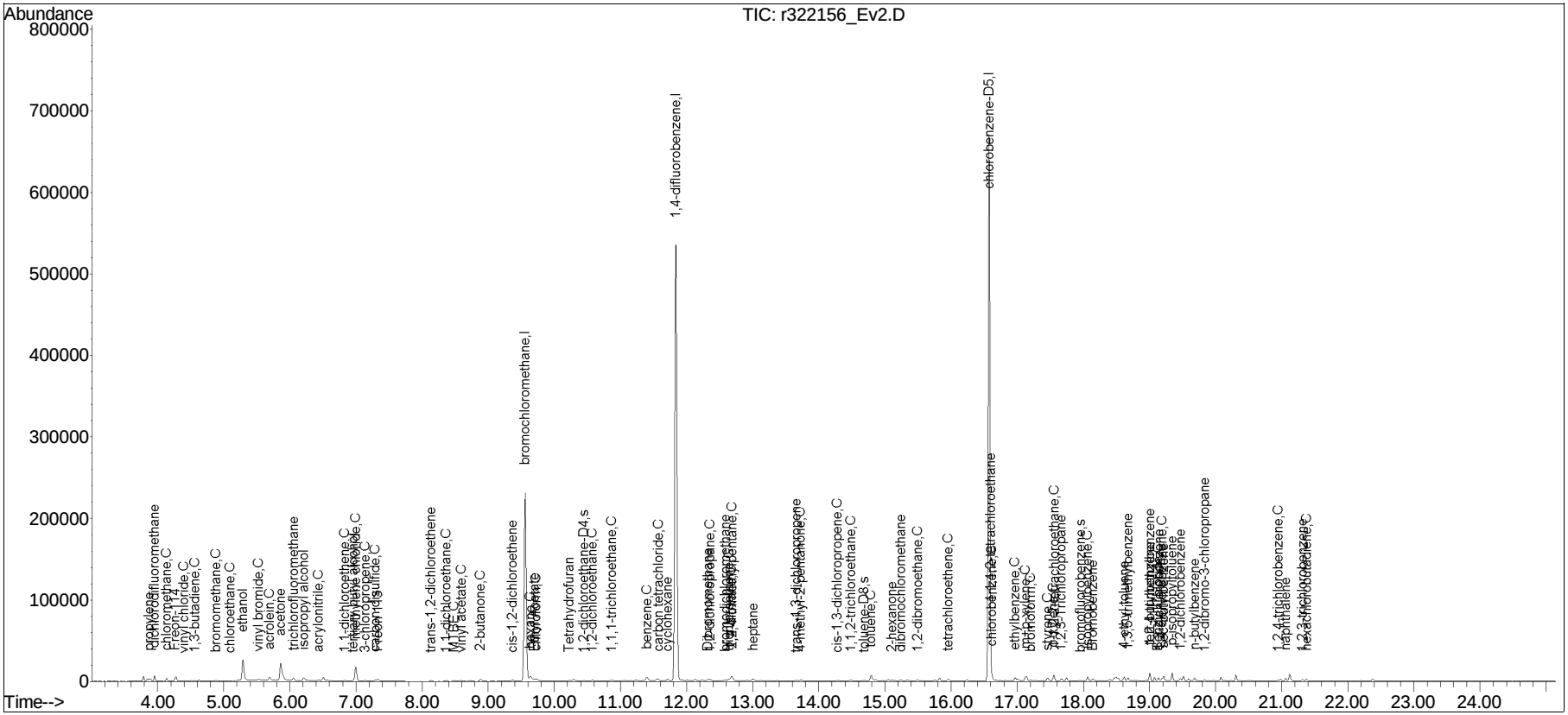
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
70) 4-ethyl toluene	18.617	105	4459	0.083	ppbV		99
71) 1,3,5-trimethylbenzene	18.675	105	2874	0.062	ppbV	#	95
72) tert-butylbenzene	19.008	119	4121	0.086	ppbV		97
73) 1,2,4-trimethylbenzene	19.008	105	3558	0.078	ppbV		97
74) Benzyl Chloride	19.125	91	977	0.044	ppbV		93
75) 1,3-dichlorobenzene	19.142	146	3146	0.092	ppbV		99
76) 1,4-dichlorobenzene	19.192	146	3144	0.092	ppbV		98
77) sec-butylbenzene	19.217	105	5562	0.082	ppbV		98
78) p-isopropyltoluene	19.342	119	4532	0.078	ppbV		99
79) 1,2-dichlorobenzene	19.467	146	3038	0.096	ppbV		92
80) n-butylbenzene	19.683	91	3591	0.076	ppbV		97
81) 1,2-dibromo-3-chloropr...	19.833	75	858	0.069	ppbV	#	85
82) 1,2,4-trichlorobenzene	20.950	180	2155	0.084	ppbV		95
83) naphthalene	21.058	128	6052	0.089	ppbV		98
84) 1,2,3-trichlorobenzene	21.317	180	2473	0.095	ppbV		98
85) hexachlorobutadiene	21.375	225	2402	0.099	ppbV		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default-ICV-AP2 - All compounds listed16SIM_I\r322160_Ev2.D

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\
Data File : r322156_Ev2.D
Acq On : 16 May 2022 10:32 PM
Operator : AIRPIANO3:TS
Sample : ITO15-SIMSTD0.1
Misc : WG1639637
ALS Vial : 0 Sample Multiplier: 1

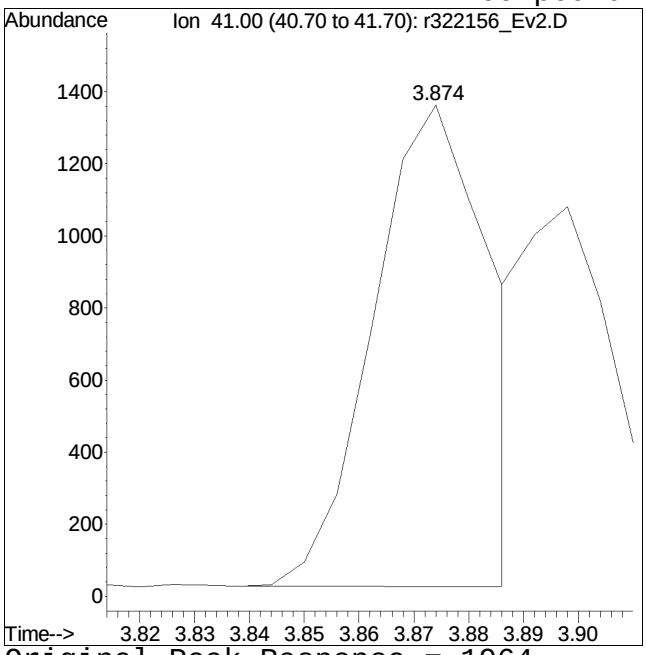
Quant Time: May 17 17:12:05 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 14:26:18 2022
Response via : Initial Calibration



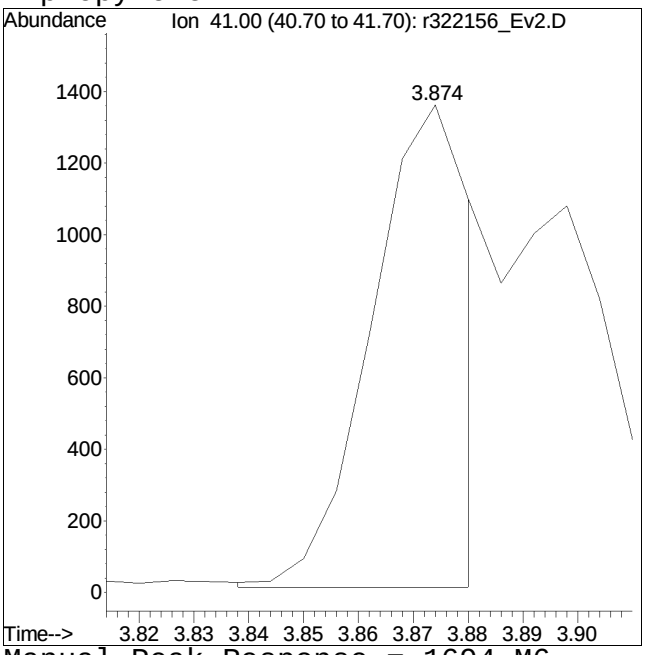
Manual Integration Report

Data Path : O:\Forensics\Data\AirpianoQMethod : TSIM3_220516.M
Data File : r322156_Ev2.D Operator : AIRPIANO3:TS
Date Inj'd : 5/16/2020 0:0: 2 Instrument :
Sample : ITO15-SIMSTD0.1 Quant Date : 5/17/2022 2:26 pm

Compound #2: propylene



Original Peak Response = 1964



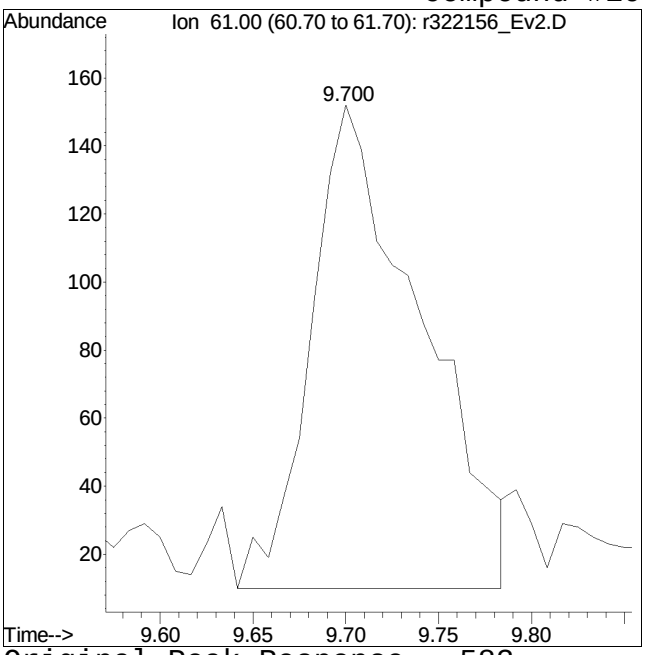
Manual Peak Response = 1694 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

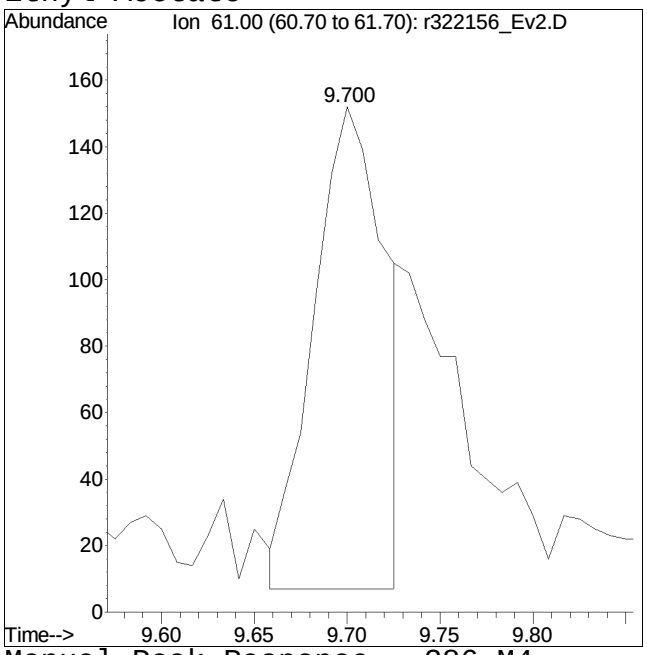
Manual Integration Report

Data Path : O:\Forensics\Data\AirpianoQMethod : TSIM3_220516.M
Data File : r322156_Ev2.D Operator : AIRPIANO3:TS
Date Inj'd : 5/16/2020 0:0: 2 Instrument :
Sample : ITO15-SIMSTD0.1 Quant Date : 5/17/2022 2:26 pm

Compound #29: Ethyl Acetate



Original Peak Response = 583



Manual Peak Response = 386 M4

M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\
Data File : r322157_Ev2.D
Acq On : 16 May 2022 11:12 PM
Operator : AIRPIANO3:TS
Sample : ITO15-SIMSTD0.2
Misc : WG1639637
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 17:17:15 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 14:26:18 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\r322160_Ev2.D
Sub List : Default-ICV-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.558	49	236368	10.000	ppbV	0.00
Standard Area = 249837			Recovery = 94.61%			
33) 1,4-difluorobenzene	11.833	114	735408	10.000	ppbV	0.00
Standard Area = 791968			Recovery = 92.86%			
51) chlorobenzene-D5	16.575	54	111998	10.000	ppbV	0.00
Standard Area = 120616			Recovery = 92.86%			
System Monitoring Compounds						
35) 1,2-dichloroethane-D4	10.442	65	218024	9.828	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.28%			
53) toluene-D8	14.675	98	712340	9.642	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.42%			
67) bromofluorobenzene	17.950	95	433420	9.283	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 92.83%			
Target Compounds						Qvalue
2) propylene	3.868	41	2246M6	0.338	ppbV	
3) dichlorodifluoromethane	3.952	85	4350	0.267	ppbV	99
4) chloromethane	4.132	50	2027	0.294	ppbV	99
5) Freon-114	4.258	85	5629	0.268	ppbV	97
6) vinyl chloride	4.390	62	2488	0.264	ppbV	100
7) 1,3-butadiene	4.558	54	1980	0.267	ppbV	99
8) bromomethane	4.876	94	2031	0.265	ppbV	99
9) chloroethane	5.098	64	1322	0.281	ppbV	92
10) ethanol	5.287	31	11944	1.541	ppbV	99
11) vinyl bromide	5.530	106	1992	0.263	ppbV	97
12) acrolein	5.693	56	3022	0.649	ppbV	99
13) acetone	5.863	43	18004	1.890	ppbV	87
14) trichlorofluoromethane	6.053	101	3934	0.259	ppbV	98
15) isopropyl alcohol	6.203	45	7272	0.582	ppbV	99
16) acrylonitrile	6.437	53	1911	0.255	ppbV	97
17) 1,1-dichloroethene	6.824	61	3011	0.250	ppbV	98
18) tertiary butyl alcohol	6.944	59	2980	0.200	ppbV #	88
19) methylene chloride	6.992	49	3957	0.322	ppbV	99
20) 3-chloropropene	7.136	41	2654	0.245	ppbV	98
21) carbon disulfide	7.286	76	7094	0.255	ppbV #	81
22) Freon 113	7.328	101	4083	0.259	ppbV	98
23) trans-1,2-dichloroethene	8.125	61	3074	0.253	ppbV	95
24) 1,1-dichloroethane	8.367	63	3761	0.256	ppbV	99

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\
Data File : r322157_Ev2.D
Acq On : 16 May 2022 11:12 PM
Operator : AIRPIANO3:TS
Sample : ITO15-SIMSTD0.2
Misc : WG1639637
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 17:17:15 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 14:26:18 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\r322160_Ev2.D
Sub List : Default-ICV-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) MTBE	8.475	73	5522	0.248	ppbV		99
26) vinyl acetate	8.592	43	3647	0.242	ppbV		97
27) 2-butanone	8.875	43	5286	0.303	ppbV		100
28) cis-1,2-dichloroethene	9.367	61	2766	0.251	ppbV		97
29) Ethyl Acetate	9.692	61	704	0.235	ppbV		70
30) chloroform	9.717	83	3858	0.249	ppbV		98
31) Tetrahydrofuran	10.208	42	2556	0.248	ppbV		98
32) 1,2-dichloroethane	10.575	62	2874	0.309	ppbV		96
34) hexane	9.633	57	4167	0.259	ppbV	#	74
36) 1,1,1-trichloroethane	10.867	97	3238	0.261	ppbV		99
37) benzene	11.393	78	10332	0.336	ppbV		96
38) carbon tetrachloride	11.573	117	2819	0.234	ppbV		96
39) cyclohexane	11.713	56	4144	0.250	ppbV		97
40) Dibromomethane	12.327	93	2588	0.293	ppbV	#	98
41) 1,2-dichloropropane	12.353	63	2615	0.262	ppbV		96
42) bromodichloromethane	12.587	83	4065	0.256	ppbV		99
43) 1,4-dioxane	12.667	88	1705M6	0.270	ppbV		
44) trichloroethene	12.633	130	3507	0.255	ppbV		95
45) 2,2,4-trimethylpentane	12.680	57	13337	0.270	ppbV		97
46) heptane	13.000	43	4777	0.265	ppbV		99
47) cis-1,3-dichloropropene	14.283	75	2648	0.203	ppbV		94
48) 4-methyl-2-pentanone	13.717	43	4493	0.212	ppbV		100
49) trans-1,3-dichloropropene	13.650	75	3198	0.224	ppbV		95
50) 1,1,2-trichloroethane	14.475	97	2704	0.250	ppbV		98
52) toluene	14.792	91	8943	0.266	ppbV		99
54) 2-hexanone	15.100	43	3913	0.194	ppbV		98
55) dibromochloromethane	15.242	129	3833	0.230	ppbV		99
56) 1,2-dibromoethane	15.492	107	4083	0.238	ppbV		99
57) tetrachloroethene	15.958	166	4504	0.257	ppbV		99
58) 1,1,1,2-tetrachloroethane	16.600	131	3035	0.232	ppbV		98
59) chlorobenzene	16.617	112	7975	0.266	ppbV		99
60) ethylbenzene	16.967	91	9895	0.243	ppbV		100
61) m+p-xylene	17.133	91	16135	0.467	ppbV		98
62) bromoform	17.200	173	3486	0.225	ppbV		100
63) styrene	17.458	104	7057	0.227	ppbV		99
64) 1,1,2,2-tetrachloroethane	17.550	83	5925	0.232	ppbV		100
65) o-xylene	17.550	91	8296	0.238	ppbV		99
66) 1,2,3-Trichloropropane	17.667	75	4898	0.231	ppbV		98
68) isopropylbenzene	18.067	105	12757	0.248	ppbV		100
69) Bromobenzene	18.142	77	6663	0.237	ppbV		99

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\
Data File : r322157_Ev2.D
Acq On : 16 May 2022 11:12 PM
Operator : AIRPIANO3:TS
Sample : ITO15-SIMSTD0.2
Misc : WG1639637
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 17:17:15 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 14:26:18 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\r322160_Ev2.D
Sub List : Default-ICV-AP2 - All compounds listed

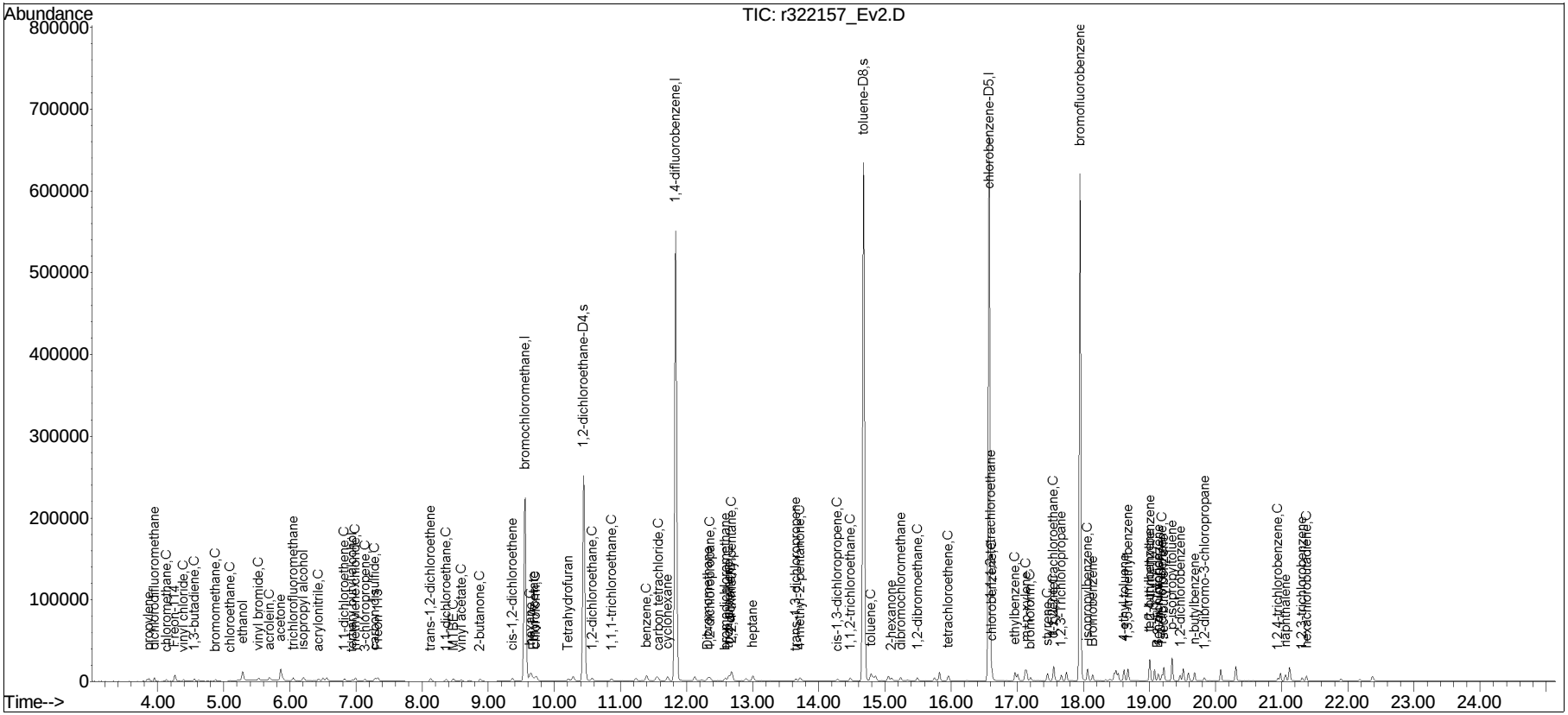
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
70) 4-ethyl toluene	18.617	105	12041	0.221	ppbV		99
71) 1,3,5-trimethylbenzene	18.675	105	10595	0.226	ppbV		98
72) tert-butylbenzene	19.000	119	11234	0.230	ppbV		100
73) 1,2,4-trimethylbenzene	19.008	105	10074	0.219	ppbV		94
74) Benzyl Chloride	19.125	91	2675	0.118	ppbV		97
75) 1,3-dichlorobenzene	19.133	146	6975	0.202	ppbV		96
76) 1,4-dichlorobenzene	19.192	146	6968	0.200	ppbV		95
77) sec-butylbenzene	19.217	105	15676	0.228	ppbV		98
78) p-isopropyltoluene	19.342	119	13131	0.222	ppbV		98
79) 1,2-dichlorobenzene	19.467	146	7090	0.220	ppbV		97
80) n-butylbenzene	19.683	91	9881	0.206	ppbV		94
81) 1,2-dibromo-3-chloropr...	19.833	75	2167	0.171	ppbV	#	87
82) 1,2,4-trichlorobenzene	20.942	180	4811	0.185	ppbV		98
83) naphthalene	21.058	128	12855	0.187	ppbV		100
84) 1,2,3-trichlorobenzene	21.308	180	5066	0.191	ppbV		98
85) hexachlorobutadiene	21.375	225	5509	0.223	ppbV		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default-ICV-AP2 - All compounds listed16SIM_I\r322160_Ev2.D

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\
Data File : r322157_Ev2.D
Acq On : 16 May 2022 11:12 PM
Operator : AIRPIANO3:TS
Sample : ITO15-SIMSTD0.2
Misc : WG1639637
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 17:17:15 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 14:26:18 2022
Response via : Initial Calibration

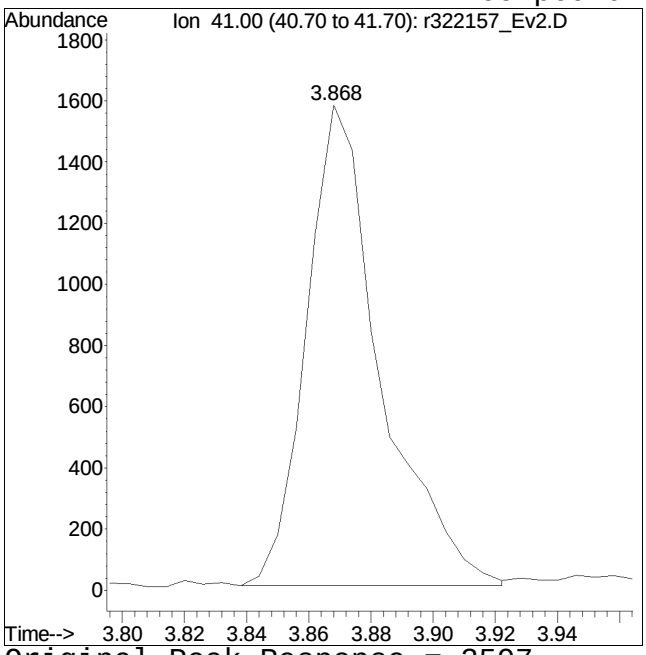


Manual Integration Report

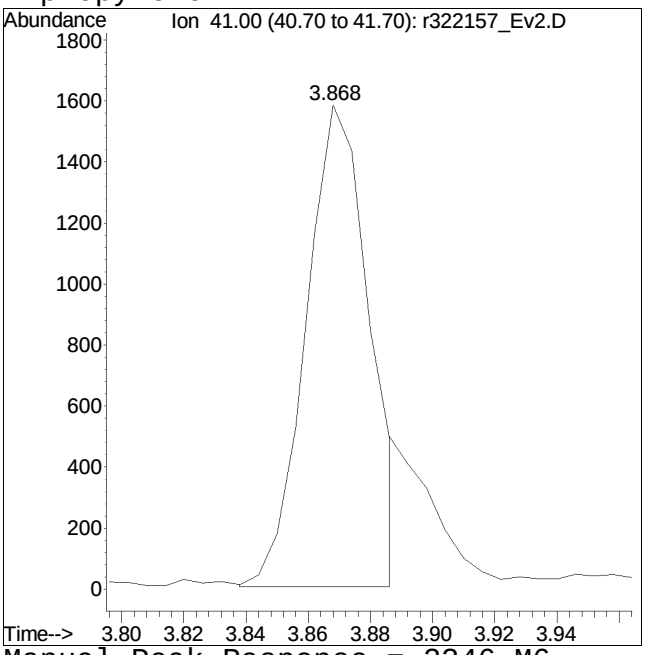
Data Path : O:\Forensics\Data\AirpianoQ
Data File : r322157_Ev2.D
Date Inj'd : 5/16/2020 0:1: 2
Sample : ITO15-SIMSTD0.2

Method : TSIM3_220516.M
Operator : AIRPIANO3:TS
Instrument :
Quant Date : 5/17/2022 2:27 pm

Compound #2: propylene



Original Peak Response = 2597



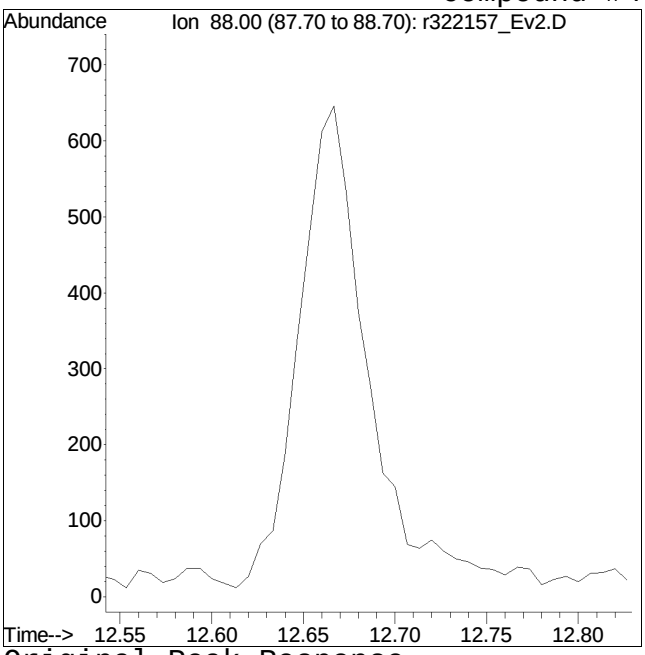
Manual Peak Response = 2246 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

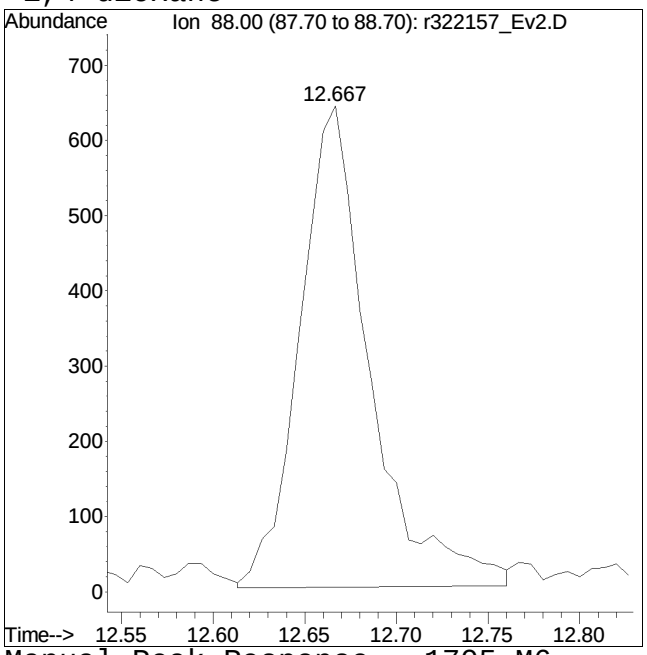
Manual Integration Report

Data Path : O:\Forensics\Data\AirpianoQMethod : TSIM3_220516.M
Data File : r322157_Ev2.D Operator : AIRPIANO3:TS
Date Inj'd : 5/16/2020 0:1: 2 Instrument :
Sample : ITO15-SIMSTD0.2 Quant Date : 5/17/2022 2:27 pm

Compound #43: 1,4-dioxane



Original Peak Response =



Manual Peak Response = 1705 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\
Data File : r322158_Ev2.D
Acq On : 16 May 2022 11:53 PM
Operator : AIRPIANO3:TS
Sample : ITO15-SIMSTD0.5
Misc : WG1639637
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 17:20:46 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 14:26:18 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\r322160_Ev2.D
Sub List : Default-ICV-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.558	49	239276	10.000	ppbV	0.00
Standard Area = 249837			Recovery = 95.77%			
33) 1,4-difluorobenzene	11.833	114	750168	10.000	ppbV	0.00
Standard Area = 791968			Recovery = 94.72%			
51) chlorobenzene-D5	16.575	54	113893	10.000	ppbV	0.00
Standard Area = 120616			Recovery = 94.43%			
System Monitoring Compounds						
35) 1,2-dichloroethane-D4	10.442	65	220164	9.729	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.29%			
53) toluene-D8	14.675	98	726432	9.669	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.69%			
67) bromofluorobenzene	17.950	95	456726	9.620	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.20%			
Target Compounds						Qvalue
2) propylene	3.868	41	5643M6	0.839	ppbV	
3) dichlorodifluoromethane	3.952	85	11329	0.686	ppbV	100
4) chloromethane	4.132	50	5328	0.763	ppbV	99
5) Freon-114	4.258	85	14590	0.686	ppbV	97
6) vinyl chloride	4.390	62	6546	0.685	ppbV	99
7) 1,3-butadiene	4.558	54	5229	0.695	ppbV	99
8) bromomethane	4.876	94	5413	0.697	ppbV	100
9) chloroethane	5.098	64	3319	0.697	ppbV	97
10) ethanol	5.280	31	31741	4.046	ppbV	99
11) vinyl bromide	5.530	106	5284	0.689	ppbV	97
12) acrolein	5.690	56	7728	1.640	ppbV	98
13) acetone	5.857	43	40440	4.194	ppbV	100
14) trichlorofluoromethane	6.050	101	10564	0.686	ppbV	99
15) isopropyl alcohol	6.193	45	20122	1.591	ppbV	99
16) acrylonitrile	6.430	53	5233	0.689	ppbV	99
17) 1,1-dichloroethene	6.824	61	7969	0.652	ppbV	99
18) tertiary butyl alcohol	6.932	59	8730	0.578	ppbV	100
19) methylene chloride	6.992	49	10056	0.809	ppbV	97
20) 3-chloropropene	7.136	41	7101	0.647	ppbV	98
21) carbon disulfide	7.286	76	18804	0.669	ppbV #	93
22) Freon 113	7.328	101	10764	0.674	ppbV	98
23) trans-1,2-dichloroethene	8.125	61	8141	0.661	ppbV	95
24) 1,1-dichloroethane	8.367	63	9843	0.661	ppbV	99

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\
Data File : r322158_Ev2.D
Acq On : 16 May 2022 11:53 PM
Operator : AIRPIANO3:TS
Sample : ITO15-SIMSTD0.5
Misc : WG1639637
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 17:20:46 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 14:26:18 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\r322160_Ev2.D
Sub List : Default-ICV-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) MTBE	8.467	73	14685	0.652	ppbV		99
26) vinyl acetate	8.592	43	10535	0.690	ppbV		97
27) 2-butanone	8.867	43	14027	0.795	ppbV		100
28) cis-1,2-dichloroethene	9.367	61	7272	0.651	ppbV		99
29) Ethyl Acetate	9.683	61	1913	0.631	ppbV		78
30) chloroform	9.717	83	10293	0.655	ppbV		98
31) Tetrahydrofuran	10.200	42	6913	0.662	ppbV		97
32) 1,2-dichloroethane	10.575	62	6689	0.710	ppbV		98
34) hexane	9.633	57	11149	0.679	ppbV		83
36) 1,1,1-trichloroethane	10.867	97	8340	0.660	ppbV		100
37) benzene	11.393	78	25400	0.810	ppbV		98
38) carbon tetrachloride	11.573	117	7784	0.633	ppbV		97
39) cyclohexane	11.713	56	10942	0.648	ppbV		98
40) Dibromomethane	12.320	93	6156	0.683	ppbV	#	100
41) 1,2-dichloropropane	12.353	63	6848	0.671	ppbV		99
42) bromodichloromethane	12.587	83	10644	0.657	ppbV		98
43) 1,4-dioxane	12.653	88	4206	0.652	ppbV		90
44) trichloroethene	12.640	130	9216	0.657	ppbV		98
45) 2,2,4-trimethylpentane	12.687	57	34500	0.684	ppbV		98
46) heptane	13.007	43	12632	0.686	ppbV		98
47) cis-1,3-dichloropropene	14.275	75	7559	0.568	ppbV		96
48) 4-methyl-2-pentanone	13.708	43	13068	0.604	ppbV		99
49) trans-1,3-dichloropropene	13.650	75	8798	0.605	ppbV		97
50) 1,1,2-trichloroethane	14.475	97	7179	0.651	ppbV		99
52) toluene	14.792	91	23757	0.694	ppbV		99
54) 2-hexanone	15.083	43	12258	0.599	ppbV		96
55) dibromochloromethane	15.242	129	10651	0.628	ppbV		100
56) 1,2-dibromoethane	15.492	107	11089	0.635	ppbV		98
57) tetrachloroethene	15.958	166	11858	0.664	ppbV		99
58) 1,1,1,2-tetrachloroethane	16.608	131	8298	0.624	ppbV		95
59) chlorobenzene	16.617	112	20921	0.687	ppbV		100
60) ethylbenzene	16.967	91	27002	0.652	ppbV		100
61) m+p-xylene	17.133	91	45146	1.284	ppbV		99
62) bromoform	17.200	173	9647	0.612	ppbV		99
63) styrene	17.458	104	19711	0.623	ppbV		99
64) 1,1,2,2-tetrachloroethane	17.550	83	16625	0.640	ppbV		100
65) o-xylene	17.550	91	23152	0.654	ppbV		99
66) 1,2,3-Trichloropropane	17.667	75	13939	0.646	ppbV		99
68) isopropylbenzene	18.067	105	35213	0.672	ppbV		99
69) Bromobenzene	18.142	77	18725	0.656	ppbV		99

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\
Data File : r322158_Ev2.D
Acq On : 16 May 2022 11:53 PM
Operator : AIRPIANO3:TS
Sample : ITO15-SIMSTD0.5
Misc : WG1639637
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 17:20:46 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 14:26:18 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\r322160_Ev2.D
Sub List : Default-ICV-AP2 - All compounds listed

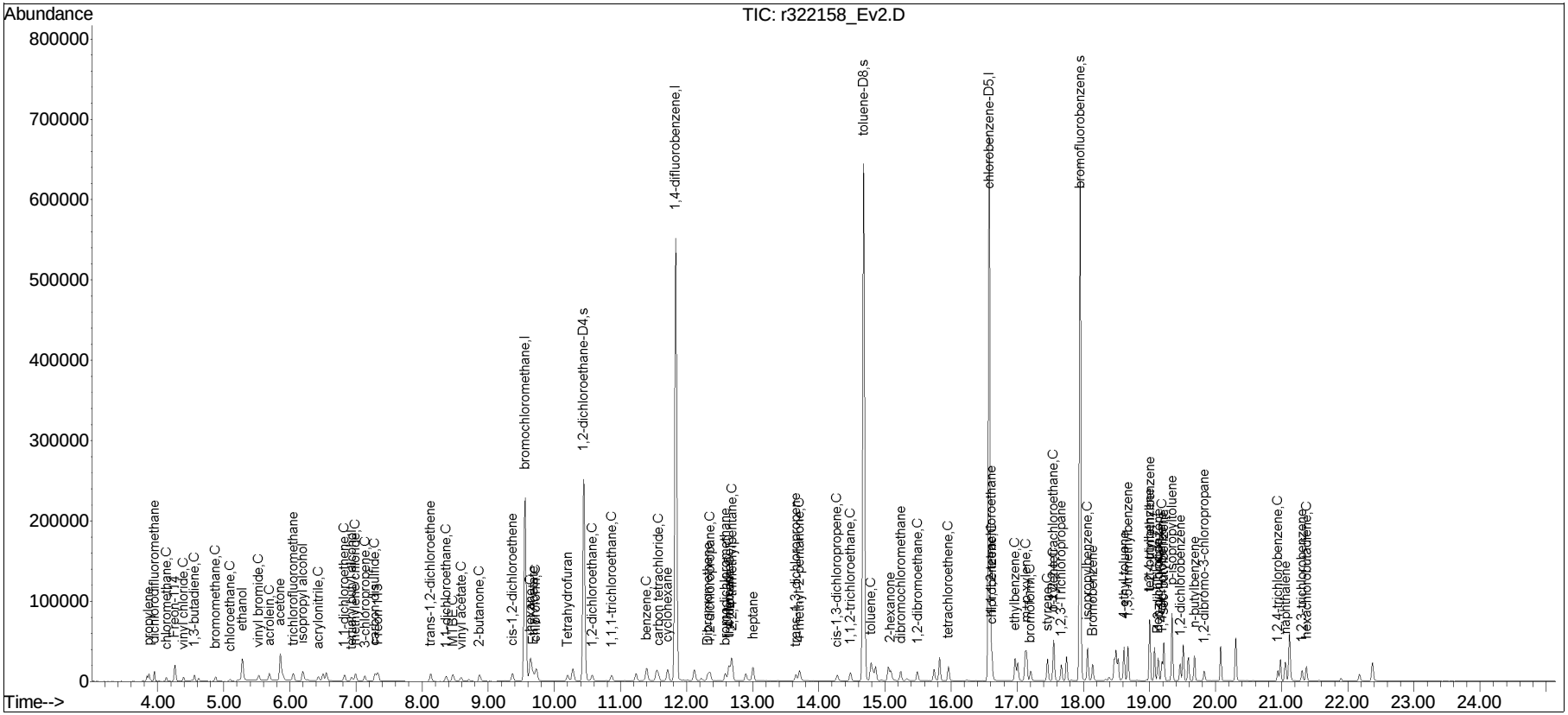
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) 4-ethyl toluene	18.617	105	35174	0.635	ppbV	98
71) 1,3,5-trimethylbenzene	18.675	105	34278	0.719	ppbV	98
72) tert-butylbenzene	19.000	119	32027	0.645	ppbV	99
73) 1,2,4-trimethylbenzene	19.008	105	29272	0.624	ppbV	93
74) Benzyl Chloride	19.125	91	8783	0.381	ppbV	96
75) 1,3-dichlorobenzene	19.133	146	21789	0.619	ppbV	98
76) 1,4-dichlorobenzene	19.192	146	22213	0.626	ppbV	93
77) sec-butylbenzene	19.217	105	44719	0.640	ppbV	99
78) p-isopropyltoluene	19.342	119	37992	0.632	ppbV	99
79) 1,2-dichlorobenzene	19.467	146	20481	0.626	ppbV	99
80) n-butylbenzene	19.683	91	29508	0.605	ppbV	92
81) 1,2-dibromo-3-chloropr...	19.825	75	6798	0.527	ppbV	93
82) 1,2,4-trichlorobenzene	20.942	180	14455	0.546	ppbV	99
83) naphthalene	21.058	128	39411	0.563	ppbV	99
84) 1,2,3-trichlorobenzene	21.308	180	15229	0.566	ppbV	99
85) hexachlorobutadiene	21.375	225	15821	0.629	ppbV	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default-ICV-AP2 - All compounds listed16SIM_I\r322160_Ev2.D

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\
Data File : r322158_Ev2.D
Acq On : 16 May 2022 11:53 PM
Operator : AIRPIANO3:TS
Sample : ITO15-SIMSTD0.5
Misc : WG1639637
ALS Vial : 0 Sample Multiplier: 1

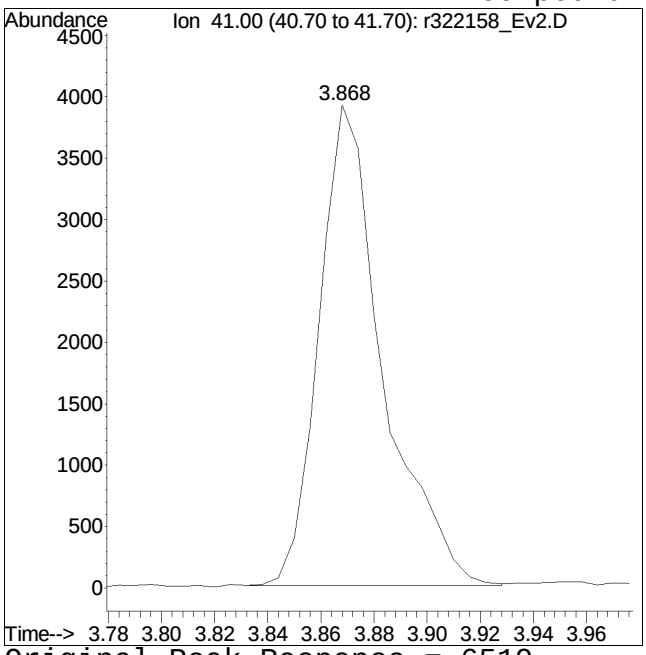
Quant Time: May 17 17:20:46 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 14:26:18 2022
Response via : Initial Calibration



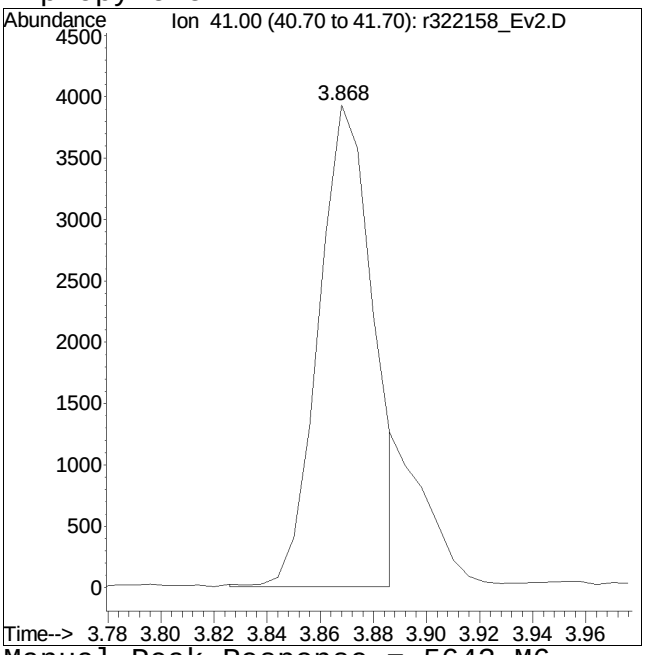
Manual Integration Report

Data Path : O:\Forensics\Data\AirpianoQMethod : TSIM3_220516.M
Data File : r322158_Ev2.D Operator : AIRPIANO3:TS
Date Inj'd : 5/16/2020 0:1: 3 Instrument :
Sample : ITO15-SIMSTD0.5 Quant Date : 5/17/2022 2:27 pm

Compound #2: propylene



Original Peak Response = 6519



Manual Peak Response = 5643 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\
Data File : r322159_Ev2.D
Acq On : 17 May 2022 12:37 AM
Operator : AIRPIANO3:TS
Sample : ITO15-SIMSTD1.0
Misc : WG1639637
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 17:21:53 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 14:26:18 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\r322160_Ev2.D
Sub List : Default-ICV-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.550	49	244630	10.000	ppbV	0.00
Standard Area = 249837			Recovery = 97.92%			
33) 1,4-difluorobenzene	11.833	114	766356	10.000	ppbV	0.00
Standard Area = 791968			Recovery = 96.77%			
51) chlorobenzene-D5	16.575	54	117043	10.000	ppbV	0.00
Standard Area = 120616			Recovery = 97.04%			
System Monitoring Compounds						
35) 1,2-dichloroethane-D4	10.442	65	229854	9.943	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.43%			
53) toluene-D8	14.675	98	764868	9.906	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.06%			
67) bromofluorobenzene	17.950	95	474121	9.717	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.17%			
Target Compounds						Qvalue
2) propylene	3.868	41	11482M6	1.670	ppbV	
3) dichlorodifluoromethane	3.952	85	23264	1.378	ppbV	99
4) chloromethane	4.132	50	10665	1.494	ppbV	99
5) Freon-114	4.258	85	29713	1.366	ppbV	97
6) vinyl chloride	4.390	62	13247	1.356	ppbV	100
7) 1,3-butadiene	4.558	54	10727	1.395	ppbV	99
8) bromomethane	4.876	94	11068	1.394	ppbV	100
9) chloroethane	5.098	64	6846	1.406	ppbV	99
10) ethanol	5.277	31	64464	8.037	ppbV	99
11) vinyl bromide	5.530	106	10781	1.375	ppbV	99
12) acrolein	5.687	56	15569	3.232	ppbV	99
13) acetone	5.850	43	81505	8.268	ppbV	99
14) trichlorofluoromethane	6.050	101	20142	1.280	ppbV	100
15) isopropyl alcohol	6.187	45	43663	3.376	ppbV	100
16) acrylonitrile	6.430	53	10995	1.415	ppbV	99
17) 1,1-dichloroethene	6.824	61	16571	1.327	ppbV	99
18) tertiary butyl alcohol	6.926	59	18937	1.226	ppbV	100
19) methylene chloride	6.992	49	20473	1.612	ppbV	98
20) 3-chloropropene	7.130	41	14976	1.335	ppbV	98
21) carbon disulfide	7.286	76	39165	1.363	ppbV	97
22) Freon 113	7.328	101	22050	1.350	ppbV	99
23) trans-1,2-dichloroethene	8.125	61	17072	1.356	ppbV	96
24) 1,1-dichloroethane	8.358	63	20359	1.337	ppbV	100

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\
Data File : r322159_Ev2.D
Acq On : 17 May 2022 12:37 AM
Operator : AIRPIANO3:TS
Sample : ITO15-SIMSTD1.0
Misc : WG1639637
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 17:21:53 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 14:26:18 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\r322160_Ev2.D
Sub List : Default-ICV-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) MTBE	8.458	73	30818	1.338	ppbV		99
26) vinyl acetate	8.583	43	21638	1.386	ppbV		99
27) 2-butanone	8.858	43	29074	1.612	ppbV		100
28) cis-1,2-dichloroethene	9.367	61	15066	1.320	ppbV		98
29) Ethyl Acetate	9.675	61	3981	1.285	ppbV		83
30) chloroform	9.717	83	21382	1.331	ppbV		98
31) Tetrahydrofuran	10.183	42	14344	1.344	ppbV		97
32) 1,2-dichloroethane	10.575	62	13266	1.377	ppbV		99
34) hexane	9.633	57	23315	1.390	ppbV		93
36) 1,1,1-trichloroethane	10.867	97	17278	1.338	ppbV		100
37) benzene	11.393	78	52405	1.637	ppbV		98
38) carbon tetrachloride	11.573	117	16336	1.301	ppbV		97
39) cyclohexane	11.713	56	23395	1.356	ppbV		100
40) Dibromomethane	12.320	93	12877	1.399	ppbV	#	99
41) 1,2-dichloropropane	12.353	63	14029	1.347	ppbV		98
42) bromodichloromethane	12.587	83	22352	1.350	ppbV		99
43) 1,4-dioxane	12.647	88	8990	1.364	ppbV		99
44) trichloroethene	12.633	130	19072	1.332	ppbV		97
45) 2,2,4-trimethylpentane	12.680	57	72631	1.410	ppbV		99
46) heptane	13.000	43	26367	1.401	ppbV		97
47) cis-1,3-dichloropropene	14.275	75	16753	1.232	ppbV		99
48) 4-methyl-2-pentanone	13.700	43	28675	1.298	ppbV		99
49) trans-1,3-dichloropropene	13.650	75	18702	1.258	ppbV		99
50) 1,1,2-trichloroethane	14.475	97	15263	1.355	ppbV		99
52) toluene	14.792	91	49095	1.395	ppbV		100
54) 2-hexanone	15.083	43	28387	1.350	ppbV		99
55) dibromochloromethane	15.233	129	23086	1.326	ppbV		99
56) 1,2-dibromoethane	15.483	107	23838	1.329	ppbV		99
57) tetrachloroethene	15.958	166	24858	1.355	ppbV		99
58) 1,1,1,2-tetrachloroethane	16.600	131	18009	1.319	ppbV		99
59) chlorobenzene	16.617	112	43364	1.387	ppbV		99
60) ethylbenzene	16.967	91	57917	1.361	ppbV		99
61) m+p-xylene	17.133	91	97065	2.687	ppbV		100
62) bromoform	17.200	173	21311	1.316	ppbV		99
63) styrene	17.458	104	43268	1.330	ppbV		100
64) 1,1,2,2-tetrachloroethane	17.550	83	35825	1.342	ppbV		99
65) o-xylene	17.550	91	49990	1.373	ppbV		100
66) 1,2,3-Trichloropropane	17.667	75	30001	1.354	ppbV		99
68) isopropylbenzene	18.067	105	75203	1.397	ppbV		100
69) Bromobenzene	18.142	77	39983	1.363	ppbV		100

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\
Data File : r322159_Ev2.D
Acq On : 17 May 2022 12:37 AM
Operator : AIRPIANO3:TS
Sample : ITO15-SIMSTD1.0
Misc : WG1639637
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 17:21:53 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 14:26:18 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\r322160_Ev2.D
Sub List : Default-ICV-AP2 - All compounds listed

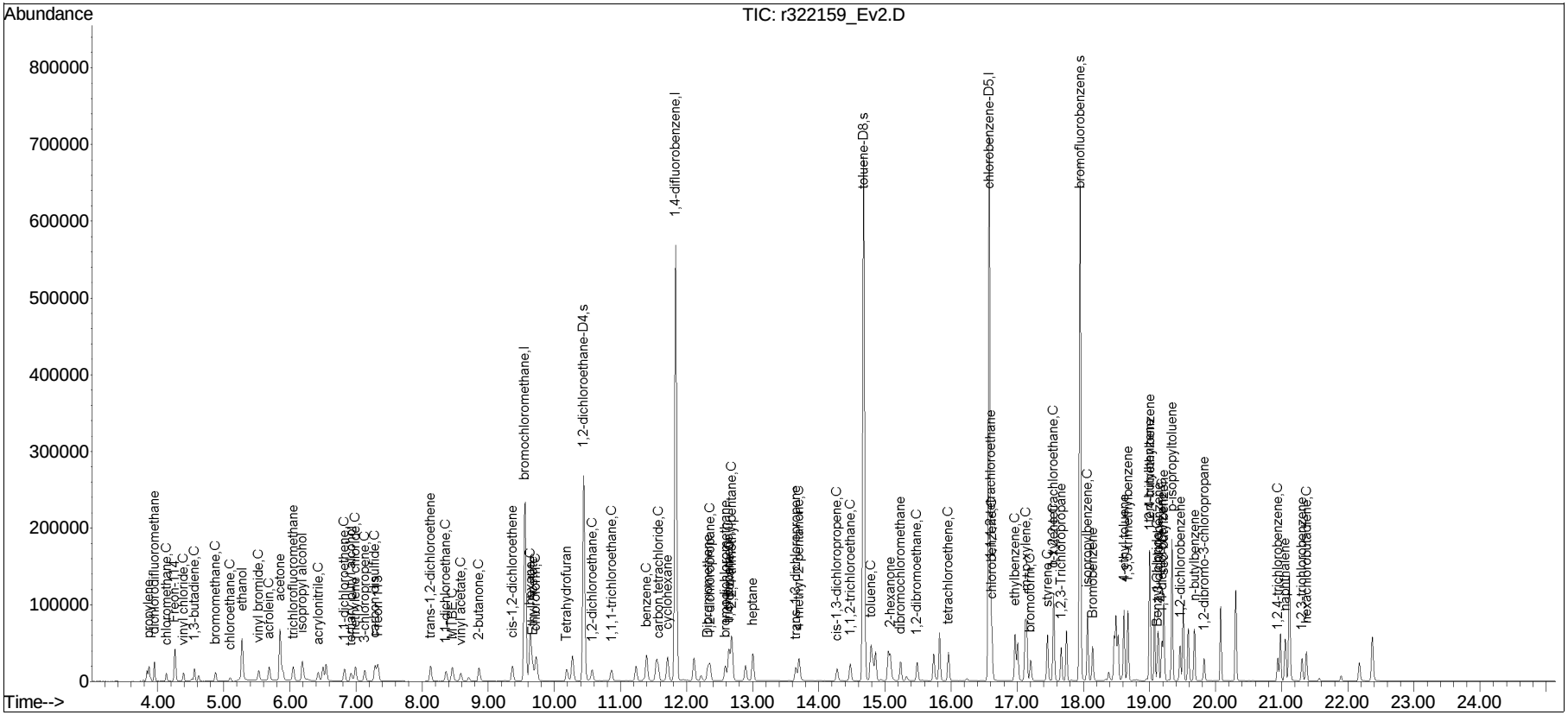
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) 4-ethyl toluene	18.617	105	76978	1.352	ppbV	99
71) 1,3,5-trimethylbenzene	18.675	105	72982	1.489	ppbV	99
72) tert-butylbenzene	19.000	119	69132	1.354	ppbV	100
73) 1,2,4-trimethylbenzene	19.008	105	63764	1.323	ppbV	92
74) Benzyl Chloride	19.117	91	24171	1.021	ppbV	99
75) 1,3-dichlorobenzene	19.133	146	48016	1.328	ppbV	100
76) 1,4-dichlorobenzene	19.192	146	48825	1.339	ppbV	91
77) sec-butylbenzene	19.217	105	96206	1.340	ppbV	99
78) p-isopropyltoluene	19.342	119	82583	1.338	ppbV	99
79) 1,2-dichlorobenzene	19.467	146	44978	1.337	ppbV	99
80) n-butylbenzene	19.683	91	64636	1.289	ppbV	91
81) 1,2-dibromo-3-chloropr...	19.825	75	15545	1.172	ppbV	96
82) 1,2,4-trichlorobenzene	20.942	180	32860	1.208	ppbV	99
83) naphthalene	21.050	128	88888	1.236	ppbV	100
84) 1,2,3-trichlorobenzene	21.308	180	34084	1.233	ppbV	99
85) hexachlorobutadiene	21.375	225	33994	1.316	ppbV	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default-ICV-AP2 - All compounds listed16SIM_I\r322160_Ev2.D

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\
Data File : r322159_Ev2.D
Acq On : 17 May 2022 12:37 AM
Operator : AIRPIANO3:TS
Sample : ITO15-SIMSTD1.0
Misc : WG1639637
ALS Vial : 0 Sample Multiplier: 1

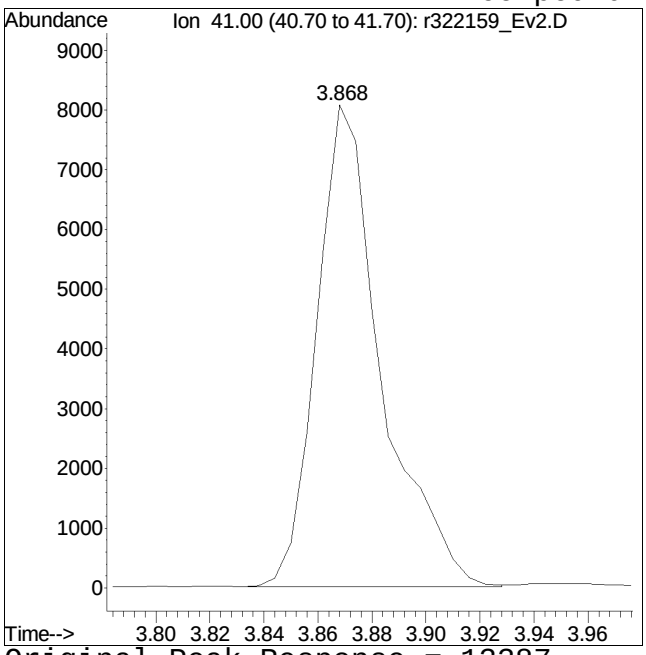
Quant Time: May 17 17:21:53 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 14:26:18 2022
Response via : Initial Calibration



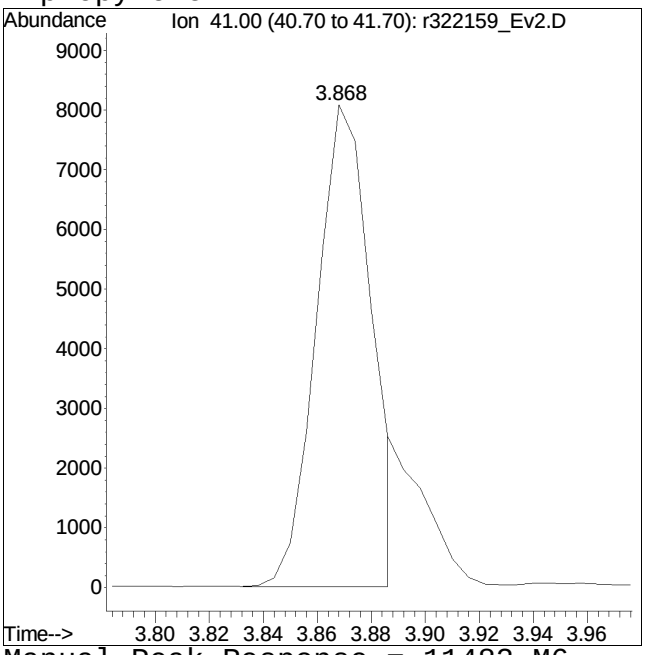
Manual Integration Report

Data Path : O:\Forensics\Data\AirpianoQMethod : TSIM3_220516.M
Data File : r322159_Ev2.D Operator : AIRPIANO3:TS
Date Inj'd : 5/17/2020 0:2: 7 Instrument :
Sample : ITO15-SIMSTD1.0 Quant Date : 5/17/2022 2:27 pm

Compound #2: propylene



Original Peak Response = 13387



Manual Peak Response = 11482 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\
Data File : r322160_Ev2.D
Acq On : 17 May 2022 1:18 AM
Operator : AIRPIANO3:TS
Sample : ITO15-SIMSTD5.0
Misc : WG1639637
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 15:23:33 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Apr 04 13:23:26 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\r322160_Ev2.D
Sub List : Default-ICV-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.558	49	249837	10.000	ppbV	-0.02
Standard Area = 249837			Recovery = 100.00%			
33) 1,4-difluorobenzene	11.840	114	791968	10.000	ppbV	-0.02
Standard Area = 791968			Recovery = 100.00%			
51) chlorobenzene-D5	16.575	54	120616	10.000	ppbV	-0.02
Standard Area = 120616			Recovery = 100.00%			
System Monitoring Compounds						
35) 1,2-dichloroethane-D4	10.450	65	238905	11.771	ppbV	-0.03
Spiked Amount 10.000	Range 70 - 130		Recovery = 117.71%			
53) toluene-D8	14.675	98	795657	9.333	ppbV	-0.02
Spiked Amount 10.000	Range 70 - 130		Recovery = 93.33%			
67) bromofluorobenzene	17.950	95	502812	8.312	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 83.12%			
Target Compounds						Qvalue
2) propylene	3.868	41	35116M6	2.752	ppbV	
3) dichlorodifluoromethane	3.952	85	86184	3.828	ppbV	98
4) chloromethane	4.132	50	36454	3.922	ppbV	98
5) Freon-114	4.264	85	111112	3.843	ppbV	95
6) vinyl chloride	4.396	62	49873	3.587	ppbV	97
7) 1,3-butadiene	4.558	54	39257	4.454	ppbV #	66
8) bromomethane	4.876	94	40540	3.355	ppbV	97
9) chloroethane	5.098	64	24862	3.000	ppbV #	92
10) ethanol	5.273	31	204785	20.504	ppbV	87
11) vinyl bromide	5.533	106	40024	2.962	ppbV	96
12) acrolein	5.687	56	24597	3.287	ppbV	99
13) acetone	5.847	43	251701	13.817	ppbV #	83
14) trichlorofluoromethane	6.053	101	80375	2.697	ppbV	98
15) isopropyl alcohol	6.180	45	165088	6.994	ppbV	98
16) acrylonitrile	6.430	53	39668	3.364	ppbV	99
17) 1,1-dichloroethene	6.830	61	63764	2.928	ppbV	98
18) tertiary butyl alcohol	6.914	59	78869	2.390	ppbV	96
19) methylene chloride	6.998	49	64867	4.382	ppbV	88
20) 3-chloropropene	7.136	41	57287	2.622	ppbV	96
21) carbon disulfide	7.292	76	146751	3.158	ppbV	99
22) Freon 113	7.334	101	83426	2.851	ppbV	91
23) trans-1,2-dichloroethene	8.133	61	64298	2.832	ppbV	97
24) 1,1-dichloroethane	8.367	63	77755	2.800	ppbV	99

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\
Data File : r322160_Ev2.D
Acq On : 17 May 2022 1:18 AM
Operator : AIRPIANO3:TS
Sample : ITO15-SIMSTD5.0
Misc : WG1639637
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 15:23:33 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Apr 04 13:23:26 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\r322160_Ev2.D
Sub List : Default-ICV-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) MTBE	8.450	73	117610	3.034	ppbV		98
26) vinyl acetate	8.583	43	79732	2.470	ppbV		96
27) 2-butanone	8.850	43	92105	2.962	ppbV		99
28) cis-1,2-dichloroethene	9.367	61	58303	2.902	ppbV		95
29) Ethyl Acetate	9.667	61	15820	2.652	ppbV		83
30) chloroform	9.725	83	82010	3.362	ppbV		96
31) Tetrahydrofuran	10.175	42	54482	2.769	ppbV		97
32) 1,2-dichloroethane	10.575	62	49212	2.900	ppbV	#	94
34) hexane	9.633	57	86677	3.333	ppbV		91
36) 1,1,1-trichloroethane	10.867	97	66730	2.859	ppbV	#	95
37) benzene	11.400	78	165460	3.070	ppbV		100
38) carbon tetrachloride	11.573	117	64898	3.391	ppbV		98
39) cyclohexane	11.713	56	89177	3.302	ppbV		95
40) Dibromomethane	12.320	93	47554	2.897	ppbV	#	92
41) 1,2-dichloropropane	12.353	63	53834	3.040	ppbV		97
42) bromodichloromethane	12.587	83	85555	3.596	ppbV		98
43) 1,4-dioxane	12.633	88	34053	2.752	ppbV		89
44) trichloroethene	12.640	130	73999	3.623	ppbV		96
45) 2,2,4-trimethylpentane	12.687	57	266137M6	3.127	ppbV		
46) heptane	13.007	43	97221	3.297	ppbV		97
47) cis-1,3-dichloropropene	14.275	75	70260	3.681	ppbV		94
48) 4-methyl-2-pentanone	13.692	43	114131	3.345	ppbV		94
49) trans-1,3-dichloropropene	13.650	75	76814	3.545	ppbV		96
50) 1,1,2-trichloroethane	14.475	97	58183	3.190	ppbV		94
52) toluene	14.792	91	181316	2.411	ppbV		100
54) 2-hexanone	15.075	43	108383	3.601	ppbV		94
55) dibromochloromethane	15.242	129	89739	3.761	ppbV		99
56) 1,2-dibromoethane	15.483	107	92403	3.711	ppbV		98
57) tetrachloroethene	15.958	166	94534	3.587	ppbV		98
58) 1,1,1,2-tetrachloroethane	16.600	131	70376	3.432	ppbV		97
59) chlorobenzene	16.617	112	161153	3.741	ppbV		100
60) ethylbenzene	16.967	91	219234	2.949	ppbV		89
61) m+p-xylene	17.133	91	372276	6.222	ppbV		85
62) bromoform	17.200	173	83415	3.516	ppbV		98
63) styrene	17.458	104	167617	3.654	ppbV		98
64) 1,1,2,2-tetrachloroethane	17.550	83	137502	3.572	ppbV		99
65) o-xylene	17.550	91	187555	3.090	ppbV		89
66) 1,2,3-Trichloropropane	17.667	75	114198	3.812	ppbV	#	86
68) isopropylbenzene	18.067	105	277374	3.419	ppbV		98
69) Bromobenzene	18.142	77	151150	3.524	ppbV		100

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\
Data File : r322160_Ev2.D
Acq On : 17 May 2022 1:18 AM
Operator : AIRPIANO3:TS
Sample : ITO15-SIMSTD5.0
Misc : WG1639637
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 15:23:33 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Apr 04 13:23:26 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\r322160_Ev2.D
Sub List : Default-ICV-AP2 - All compounds listed

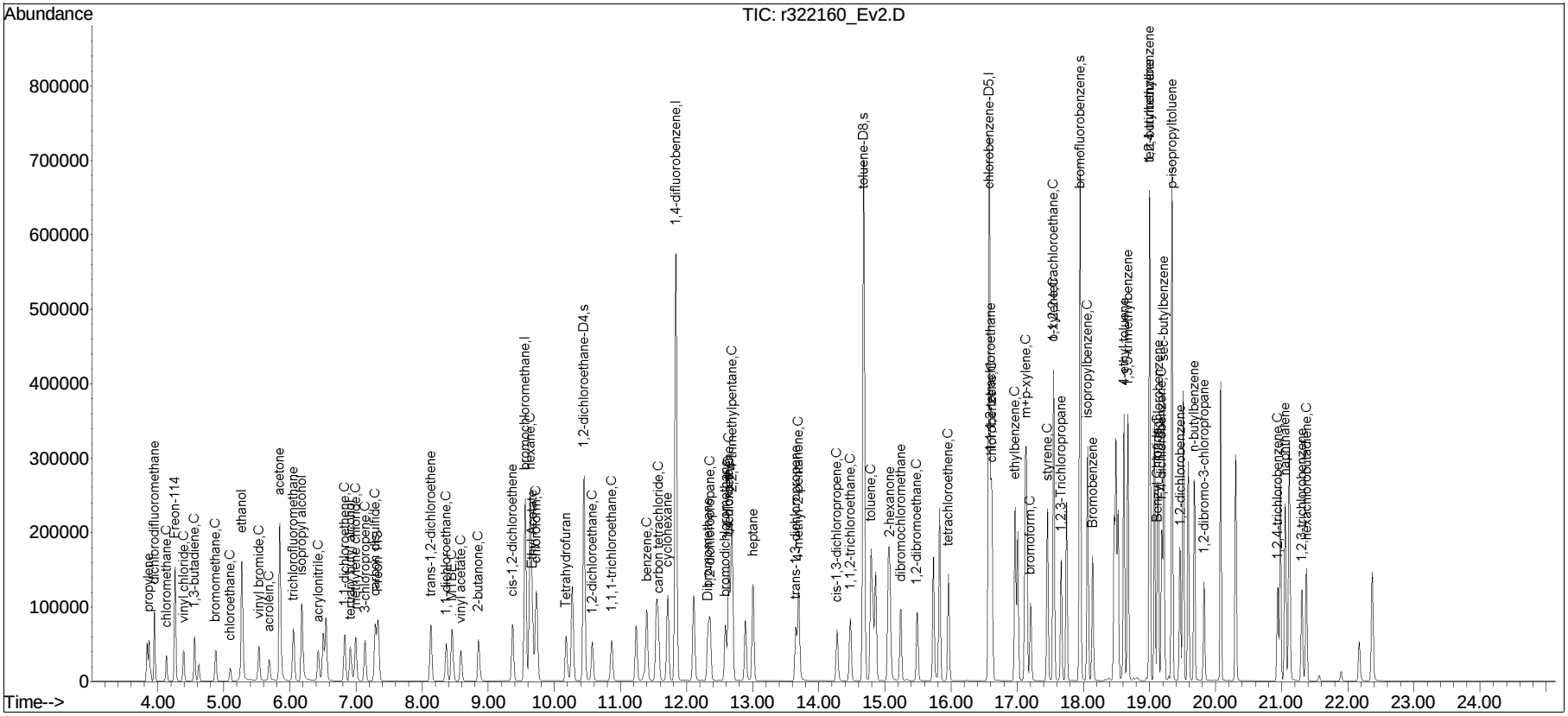
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) 4-ethyl toluene	18.617	105	293359	3.780	ppbV	97
71) 1,3,5-trimethylbenzene	18.675	105	252536	3.833	ppbV	96
72) tert-butylbenzene	19.000	119	263100	3.632	ppbV	97
73) 1,2,4-trimethylbenzene	19.000	105	248251	3.943	ppbV	99
74) Benzyl Chloride	19.117	91	122026	2.259	ppbV	98
75) 1,3-dichlorobenzene	19.133	146	186310	3.952	ppbV	98
76) 1,4-dichlorobenzene	19.183	146	187910	3.951	ppbV	92
77) sec-butylbenzene	19.217	105	370018	3.585	ppbV	97
78) p-isopropyltoluene	19.342	119	318066	3.697	ppbV	100
79) 1,2-dichlorobenzene	19.467	146	173277	3.850	ppbV	99
80) n-butylbenzene	19.675	91	258444	3.073	ppbV	97
81) 1,2-dibromo-3-chloropr...	19.825	75	68327	3.944	ppbV	96
82) 1,2,4-trichlorobenzene	20.942	180	140155	3.483	ppbV	97
83) naphthalene	21.050	128	370683	3.681	ppbV	100
84) 1,2,3-trichlorobenzene	21.308	180	142476	3.664	ppbV	97
85) hexachlorobutadiene	21.375	225	133094	3.971	ppbV	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default-ICV-AP2 - All compounds listed16SIM_I\r322160_Ev2.D

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\
Data File : r322160_Ev2.D
Acq On : 17 May 2022 1:18 AM
Operator : AIRPIANO3:TS
Sample : ITO15-SIMSTD5.0
Misc : WG1639637
ALS Vial : 0 Sample Multiplier: 1

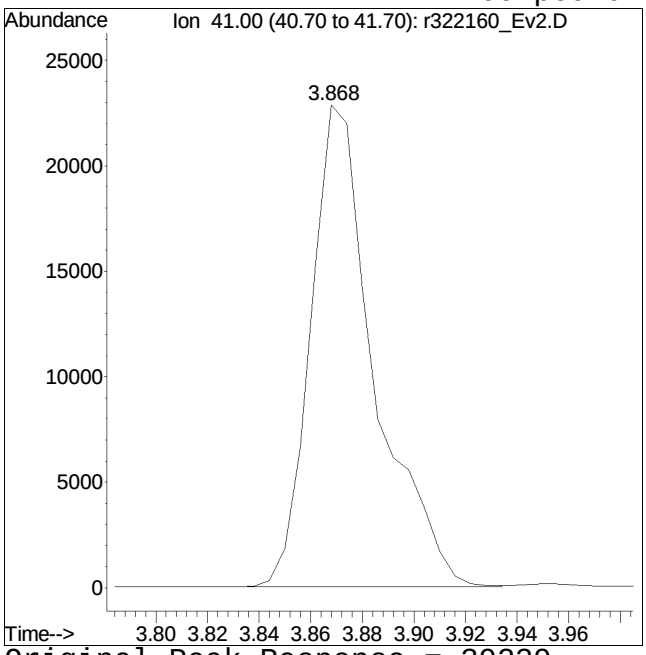
Quant Time: May 17 15:23:33 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Mon Apr 04 13:23:26 2022
Response via : Initial Calibration



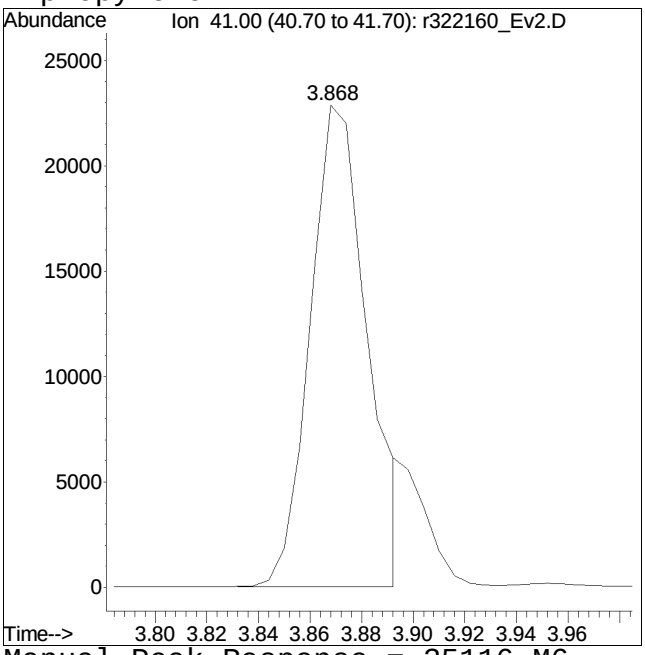
Manual Integration Report

Data Path : O:\Forensics\Data\AirpianoQMethod : TSIM3_220516.M
Data File : r322160_Ev2.D Operator : AIRPIANO3:TS
Date Inj'd : 5/17/2020 0:1: 8 Instrument :
Sample : ITO15-SIMSTD5.0 Quant Date : 5/17/2022 2:22 pm

Compound #2: propylene



Original Peak Response = 39239



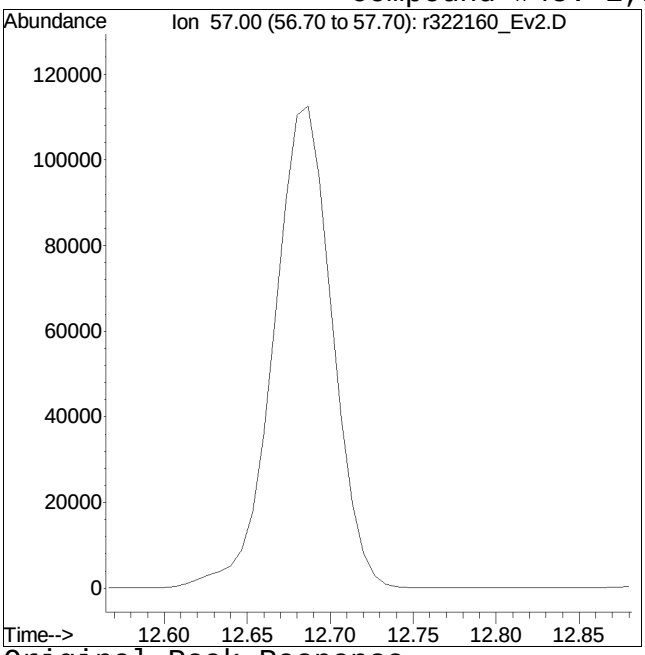
Manual Peak Response = 35116 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

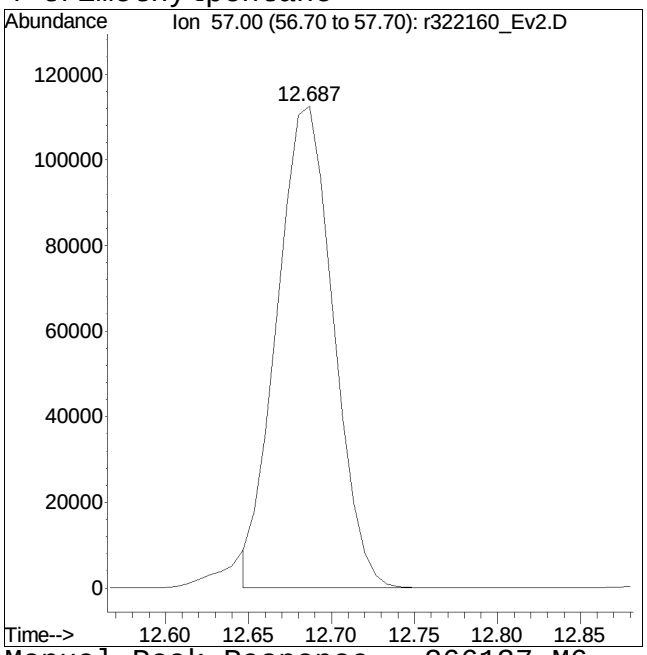
Manual Integration Report

Data Path : O:\Forensics\Data\AirpianoQMethod : TSIM3_220516.M
Data File : r322160_Ev2.D Operator : AIRPIANO3:TS
Date Inj'd : 5/17/2020 0:1: 8 Instrument :
Sample : ITO15-SIMSTD5.0 Quant Date : 5/17/2022 2:22 pm

Compound #45: 2,2,4-trimethylpentane



Original Peak Response =



Manual Peak Response = 266137 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\
Data File : r322161_Ev2.D
Acq On : 17 May 2022 2:00 AM
Operator : AIRPIANO3:TS
Sample : ITO15-SIMSTD010
Misc : WG1639637
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 17:27:48 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 14:26:18 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\r322160_Ev2.D
Sub List : Default-ICV-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.558	49	258081	10.000	ppbV	0.00
Standard Area = 249837			Recovery = 103.30%			
33) 1,4-difluorobenzene	11.840	114	816315	10.000	ppbV	0.00
Standard Area = 791968			Recovery = 103.07%			
51) chlorobenzene-D5	16.575	54	124712	10.000	ppbV	0.00
Standard Area = 120616			Recovery = 103.40%			
System Monitoring Compounds						
35) 1,2-dichloroethane-D4	10.450	65	245042	9.951	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.51%			
53) toluene-D8	14.675	98	810267	9.849	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.49%			
67) bromofluorobenzene	17.950	95	520444	10.011	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.11%			
Target Compounds						Qvalue
2) propylene	3.868	41	69682M6	9.605	ppbV	
3) dichlorodifluoromethane	3.952	85	175076	9.833	ppbV	100
4) chloromethane	4.132	50	74496	9.891	ppbV	100
5) Freon-114	4.258	85	227355	9.904	ppbV	98
6) vinyl chloride	4.390	62	104401	10.132	ppbV	99
7) 1,3-butadiene	4.558	54	81738	10.078	ppbV	99
8) bromomethane	4.876	94	84290	10.064	ppbV	100
9) chloroethane	5.098	64	52095	10.142	ppbV	97
10) ethanol	5.270	31	392357	46.369	ppbV	100
11) vinyl bromide	5.530	106	83154	10.056	ppbV	99
12) acrolein	5.683	56	51112	10.058	ppbV	99
13) acetone	5.840	43	507209	48.769	ppbV	99
14) trichlorofluoromethane	6.053	101	164639	9.915	ppbV	100
15) isopropyl alcohol	6.173	45	357351	26.193	ppbV	100
16) acrylonitrile	6.427	53	84669	10.331	ppbV	99
17) 1,1-dichloroethene	6.824	61	134379	10.201	ppbV	98
18) tertiary butyl alcohol	6.902	59	173799	10.666	ppbV	99
19) methylene chloride	6.992	49	135290	10.095	ppbV	100
20) 3-chloropropene	7.136	41	121531	10.268	ppbV	99
21) carbon disulfide	7.286	76	308014	10.159	ppbV	100
22) Freon 113	7.328	101	172740	10.022	ppbV	100
23) trans-1,2-dichloroethene	8.133	61	135772	10.221	ppbV	99
24) 1,1-dichloroethane	8.367	63	162348	10.106	ppbV	100

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\
Data File : r322161_Ev2.D
Acq On : 17 May 2022 2:00 AM
Operator : AIRPIANO3:TS
Sample : ITO15-SIMSTD010
Misc : WG1639637
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 17:27:48 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 14:26:18 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\r322160_Ev2.D
Sub List : Default-ICV-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) MTBE	8.450	73	248158	10.213	ppbV		98
26) vinyl acetate	8.583	43	170795	10.368	ppbV		98
27) 2-butanone	8.850	43	194767	10.235	ppbV		97
28) cis-1,2-dichloroethene	9.367	61	122578	10.176	ppbV		100
29) Ethyl Acetate	9.667	61	33632	10.290	ppbV		83
30) chloroform	9.725	83	171260	10.108	ppbV		99
31) Tetrahydrofuran	10.167	42	115446	10.256	ppbV		100
32) 1,2-dichloroethane	10.575	62	101732	10.006	ppbV		99
34) hexane	9.633	57	181980	10.184	ppbV		97
36) 1,1,1-trichloroethane	10.867	97	139438	10.136	ppbV		99
37) benzene	11.400	78	347911	10.200	ppbV		100
38) carbon tetrachloride	11.573	117	139117	10.398	ppbV		98
39) cyclohexane	11.713	56	187288	10.188	ppbV		99
40) Dibromomethane	12.320	93	99050	10.104	ppbV	#	100
41) 1,2-dichloropropane	12.353	63	112735	10.158	ppbV		100
42) bromodichloromethane	12.587	83	181895	10.313	ppbV		100
43) 1,4-dioxane	12.627	88	73988	10.540	ppbV		98
44) trichloroethene	12.640	130	154569	10.132	ppbV		98
45) 2,2,4-trimethylpentane	12.687	57	567750M6	10.348	ppbV		
46) heptane	13.000	43	202914	10.124	ppbV		99
47) cis-1,3-dichloropropene	14.275	75	154267	10.651	ppbV		99
48) 4-methyl-2-pentanone	13.692	43	240917	10.240	ppbV		98
49) trans-1,3-dichloropropene	13.650	75	166476	10.513	ppbV		99
50) 1,1,2-trichloroethane	14.475	97	121280	10.111	ppbV		99
52) toluene	14.792	91	377178	10.060	ppbV		100
54) 2-hexanone	15.067	43	232699	10.382	ppbV		99
55) dibromochloromethane	15.242	129	192083	10.351	ppbV		99
56) 1,2-dibromoethane	15.483	107	192376	10.068	ppbV		100
57) tetrachloroethene	15.958	166	196683	10.061	ppbV		100
58) 1,1,1,2-tetrachloroethane	16.600	131	149296	10.259	ppbV		99
59) chlorobenzene	16.617	112	335484	10.067	ppbV		99
60) ethylbenzene	16.967	91	460053	10.148	ppbV		99
61) m+p-xylene	17.133	91	770449	20.016	ppbV		99
62) bromoform	17.200	173	181406	10.517	ppbV		99
63) styrene	17.458	104	351802	10.150	ppbV		100
64) 1,1,2,2-tetrachloroethane	17.550	83	291375	10.247	ppbV		99
65) o-xylene	17.550	91	388013	10.004	ppbV		100
66) 1,2,3-Trichloropropane	17.667	75	239171	10.128	ppbV		99
68) isopropylbenzene	18.067	105	574516	10.016	ppbV		99
69) Bromobenzene	18.142	77	319262	10.214	ppbV		99

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\
Data File : r322161_Ev2.D
Acq On : 17 May 2022 2:00 AM
Operator : AIRPIANO3:TS
Sample : ITO15-SIMSTD010
Misc : WG1639637
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 17:27:48 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 14:26:18 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\r322160_Ev2.D
Sub List : Default-ICV-AP2 - All compounds listed

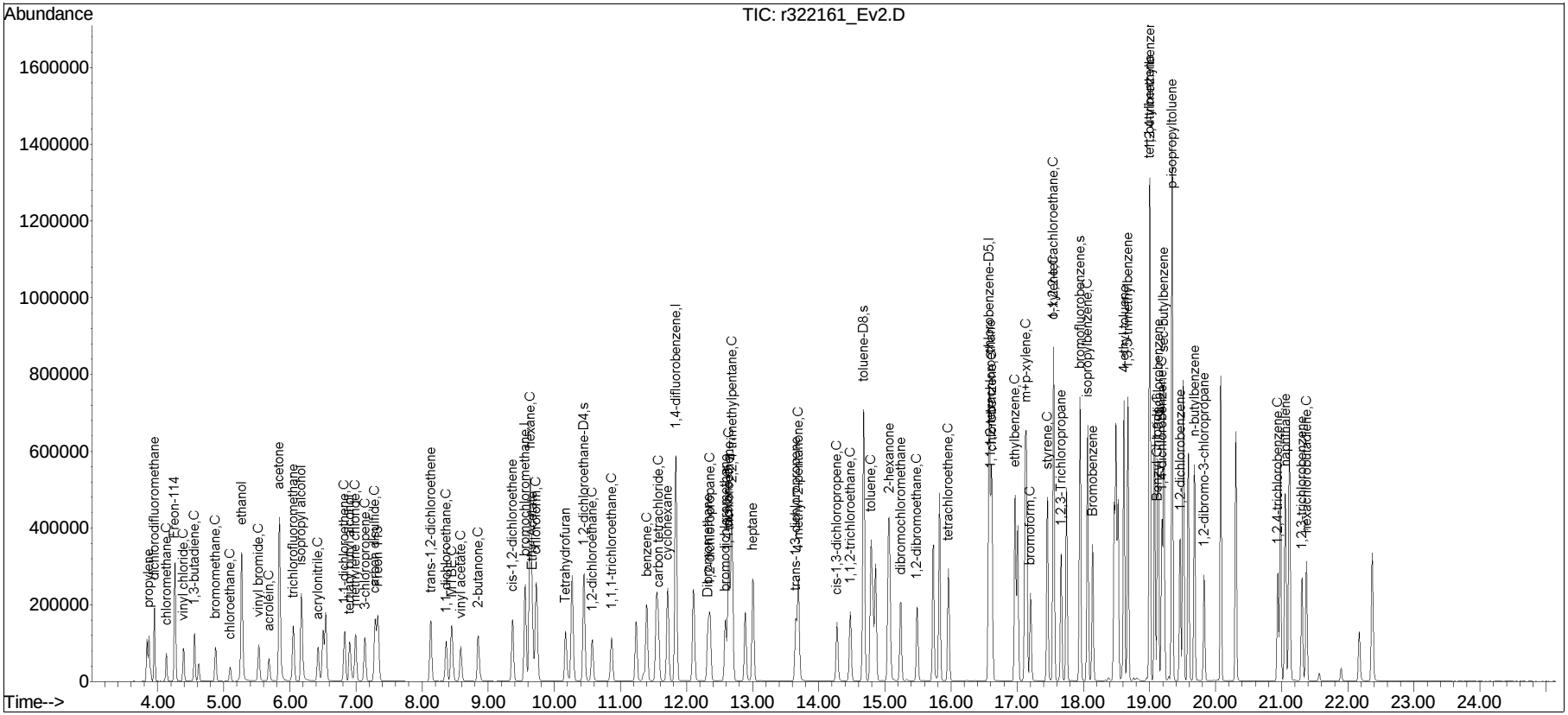
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) 4-ethyl toluene	18.617	105	605171	9.976	ppbV	99
71) 1,3,5-trimethylbenzene	18.675	105	523271	10.020	ppbV	100
72) tert-butylbenzene	19.000	119	541779	9.958	ppbV	100
73) 1,2,4-trimethylbenzene	19.008	105	511834	9.970	ppbV	92
74) Benzyl Chloride	19.117	91	302070	11.971	ppbV	100
75) 1,3-dichlorobenzene	19.133	146	383947	9.966	ppbV	99
76) 1,4-dichlorobenzene	19.192	146	390349	10.045	ppbV	92
77) sec-butylbenzene	19.217	105	758843	9.917	ppbV	100
78) p-isopropyltoluene	19.342	119	653540	9.936	ppbV	100
79) 1,2-dichlorobenzene	19.467	146	363073	10.133	ppbV	99
80) n-butylbenzene	19.683	91	543366	10.167	ppbV	91
81) 1,2-dibromo-3-chloropr...	19.825	75	147900	10.467	ppbV	99
82) 1,2,4-trichlorobenzene	20.942	180	299557	10.336	ppbV	99
83) naphthalene	21.058	128	780565	10.183	ppbV	99
84) 1,2,3-trichlorobenzene	21.308	180	298673	10.137	ppbV	100
85) hexachlorobutadiene	21.375	225	273163	9.925	ppbV	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default-ICV-AP2 - All compounds listed16SIM_I\r322160_Ev2.D

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\
Data File : r322161_Ev2.D
Acq On : 17 May 2022 2:00 AM
Operator : AIRPIANO3:TS
Sample : ITO15-SIMSTD010
Misc : WG1639637
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 17:27:48 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 14:26:18 2022
Response via : Initial Calibration

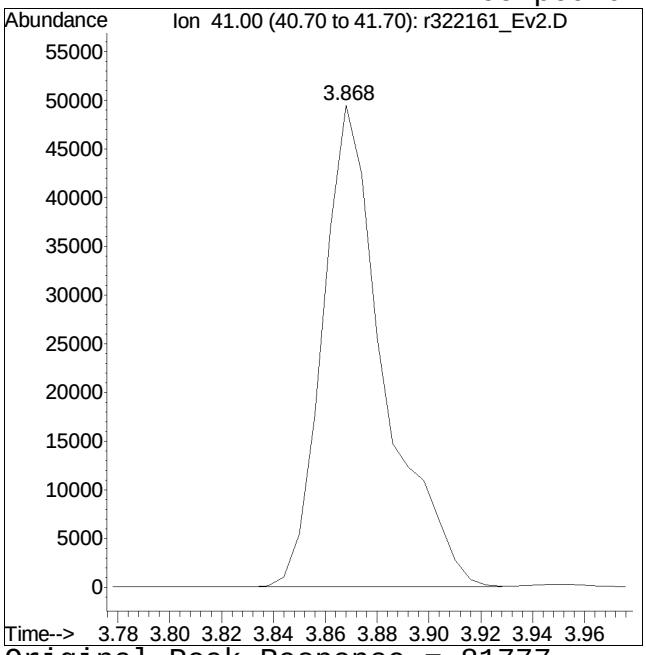


Manual Integration Report

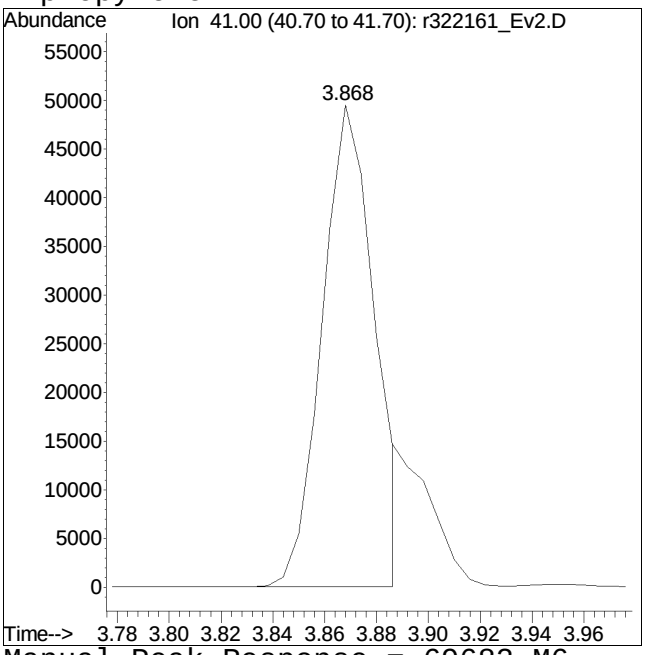
Data Path : O:\Forensics\Data\AirpianoQ
Data File : r322161_Ev2.D
Date Inj'd : 5/17/2020 0:2: 0
Sample : ITO15-SIMSTD010

Method : TSIM3_220516.M
Operator : AIRPIANO3:TS
Instrument :
Quant Date : 5/17/2022 2:27 pm

Compound #2: propylene



Original Peak Response = 81777



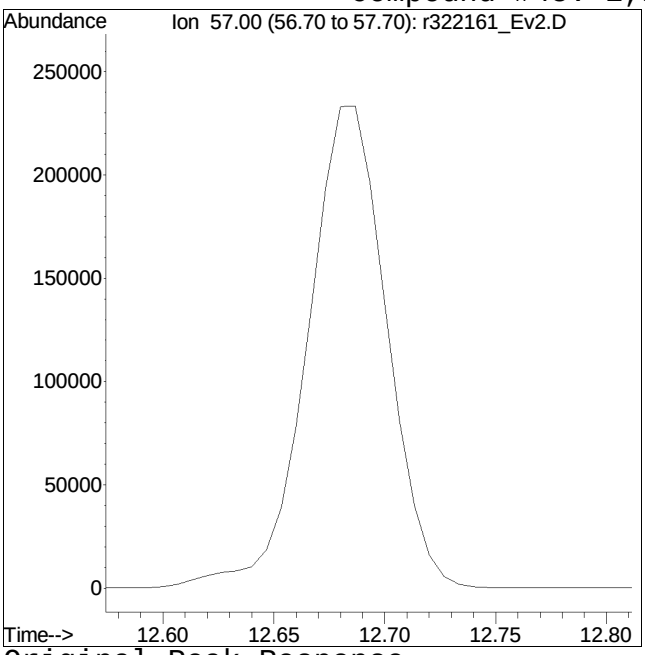
Manual Peak Response = 69682 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

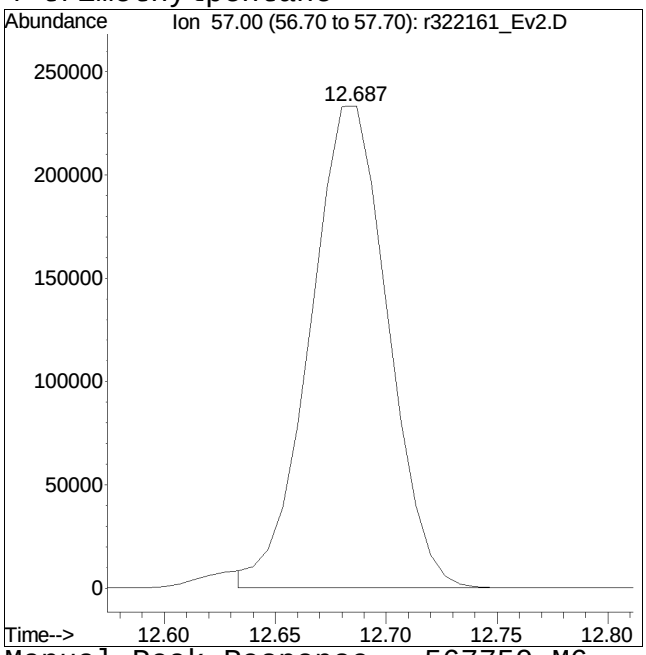
Manual Integration Report

Data Path : O:\Forensics\Data\AirpianoQMethod : TSIM3_220516.M
Data File : r322161_Ev2.D Operator : AIRPIANO3:TS
Date Inj'd : 5/17/2020 0:2: 0 Instrument :
Sample : ITO15-SIMSTD010 Quant Date : 5/17/2022 2:27 pm

Compound #45: 2,2,4-trimethylpentane



Original Peak Response =



Manual Peak Response = 567750 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\
Data File : r322162_Ev2.D
Acq On : 17 May 2022 2:39 AM
Operator : AIRPIANO3:TS
Sample : ITO15-SIMSTD020
Misc : WG1639637
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 17:28:19 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 14:26:18 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\r322160_Ev2.D
Sub List : Default-ICV-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.558	49	268526	10.000	ppbV	0.00
Standard Area = 249837			Recovery = 107.48%			
33) 1,4-difluorobenzene	11.840	114	838941	10.000	ppbV	0.00
Standard Area = 791968			Recovery = 105.93%			
51) chlorobenzene-D5	16.575	54	128025	10.000	ppbV	0.00
Standard Area = 120616			Recovery = 106.14%			
System Monitoring Compounds						
35) 1,2-dichloroethane-D4	10.450	65	246923	9.757	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.57%			
53) toluene-D8	14.675	98	831720	9.848	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.48%			
67) bromofluorobenzene	17.950	95	535024	10.025	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.25%			
Target Compounds						Qvalue
2) propylene	3.868	41	192186M6	25.460	ppbV	
3) dichlorodifluoromethane	3.952	85	466171	25.163	ppbV	100
4) chloromethane	4.132	50	201316	25.691	ppbV	99
5) Freon-114	4.264	85	619272	25.928	ppbV	99
6) vinyl chloride	4.396	62	295560	27.569	ppbV	100
7) 1,3-butadiene	4.558	54	233517	27.672	ppbV	97
8) bromomethane	4.882	94	236465	27.135	ppbV	99
9) chloroethane	5.098	64	157577	29.485	ppbV	98
10) ethanol	5.277	31	1156857	131.399	ppbV	100
11) vinyl bromide	5.533	106	237388	27.592	ppbV	99
12) acrolein	5.683	56	141167	26.699	ppbV	99
13) acetone	5.840	43	1351433	124.888	ppbV	96
14) trichlorofluoromethane	6.053	101	402125	23.275	ppbV	99
15) isopropyl alcohol	6.177	45	1055881	74.384	ppbV	99
16) acrylonitrile	6.430	53	249957	29.313	ppbV	99
17) 1,1-dichloroethene	6.830	61	386302	28.183	ppbV	100
18) tertiary butyl alcohol	6.902	59	540307	31.869	ppbV	98
19) methylene chloride	6.998	49	306706	21.996	ppbV	96
20) 3-chloropropene	7.136	41	356654	28.962	ppbV	99
21) carbon disulfide	7.292	76	887357	28.129	ppbV	98
22) Freon 113	7.334	101	483754	26.975	ppbV	99
23) trans-1,2-dichloroethene	8.133	61	397501	28.759	ppbV	100
24) 1,1-dichloroethane	8.367	63	470975	28.178	ppbV	100

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\
Data File : r322162_Ev2.D
Acq On : 17 May 2022 2:39 AM
Operator : AIRPIANO3:TS
Sample : ITO15-SIMSTD020
Misc : WG1639637
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 17:28:19 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 14:26:18 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\r322160_Ev2.D
Sub List : Default-ICV-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) MTBE	8.442	73	720638	28.504	ppbV		98
26) vinyl acetate	8.583	43	552779	32.252	ppbV		97
27) 2-butanone	8.842	43	553686	27.965	ppbV		99
28) cis-1,2-dichloroethene	9.367	61	357195	28.501	ppbV		98
29) Ethyl Acetate	9.667	61	101923	29.971	ppbV		76
30) chloroform	9.725	83	491187	27.863	ppbV		99
31) Tetrahydrofuran	10.158	42	338146	28.873	ppbV		99
32) 1,2-dichloroethane	10.575	62	287419	27.170	ppbV		99
34) hexane	9.633	57	512487	27.908	ppbV		98
36) 1,1,1-trichloroethane	10.867	97	432020	30.558	ppbV		99
37) benzene	11.400	78	996770	28.435	ppbV		100
38) carbon tetrachloride	11.573	117	401480	29.200	ppbV		97
39) cyclohexane	11.713	56	554483	29.348	ppbV		98
40) Dibromomethane	12.327	93	286407	28.428	ppbV	#	99
41) 1,2-dichloropropane	12.353	63	327876	28.747	ppbV		98
42) bromodichloromethane	12.587	83	540200	29.803	ppbV		100
43) 1,4-dioxane	12.627	88	225218	31.217	ppbV		93
44) trichloroethene	12.640	130	439038	28.004	ppbV		97
45) 2,2,4-trimethylpentane	12.687	57	1635235	29.002	ppbV		99
46) heptane	13.007	43	583487	28.328	ppbV		98
47) cis-1,3-dichloropropene	14.275	75	464309	31.192	ppbV		98
48) 4-methyl-2-pentanone	13.683	43	689081	28.498	ppbV		97
49) trans-1,3-dichloropropene	13.650	75	494516	30.387	ppbV		98
50) 1,1,2-trichloroethane	14.475	97	347678	28.205	ppbV		97
52) toluene	14.792	91	1068392	27.757	ppbV		100
54) 2-hexanone	15.067	43	661438	28.748	ppbV		97
55) dibromochloromethane	15.233	129	554349	29.099	ppbV		99
56) 1,2-dibromoethane	15.483	107	542437	27.653	ppbV		100
57) tetrachloroethene	15.958	166	555495	27.680	ppbV		99
58) 1,1,1,2-tetrachloroethane	16.600	131	429264	28.733	ppbV		99
59) chlorobenzene	16.617	112	937556	27.406	ppbV		98
60) ethylbenzene	16.967	91	1307276	28.089	ppbV		100
61) m+p-xylene	17.133	91	2163030	54.740	ppbV		98
62) bromoform	17.200	173	535911	30.264	ppbV		99
63) styrene	17.458	104	1001859	28.156	ppbV		100
64) 1,1,2,2-tetrachloroethane	17.550	83	830565	28.454	ppbV		100
65) o-xylene	17.550	91	1083166	27.205	ppbV		99
66) 1,2,3-Trichloropropane	17.667	75	685040	28.258	ppbV		98
68) isopropylbenzene	18.067	105	1589900	27.001	ppbV		97
69) Bromobenzene	18.142	77	912170	28.428	ppbV		99

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\
Data File : r322162_Ev2.D
Acq On : 17 May 2022 2:39 AM
Operator : AIRPIANO3:TS
Sample : ITO15-SIMSTD020
Misc : WG1639637
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 17:28:19 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 14:26:18 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\r322160_Ev2.D
Sub List : Default-ICV-AP2 - All compounds listed

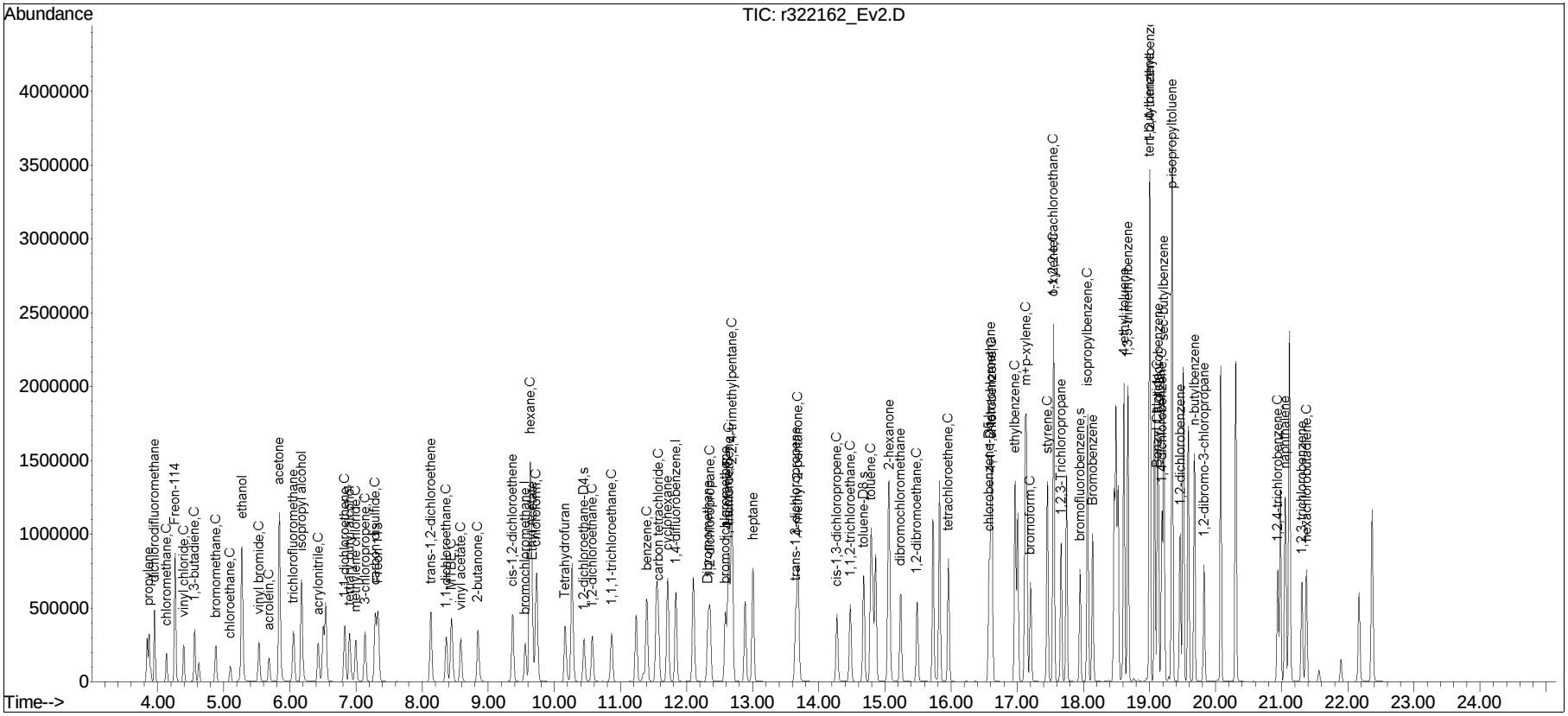
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) 4-ethyl toluene	18.617	105	1676875	26.927	ppbV	98
71) 1,3,5-trimethylbenzene	18.675	105	1431681	26.706	ppbV	98
72) tert-butylbenzene	19.000	119	1444194	25.857	ppbV	98
73) 1,2,4-trimethylbenzene	19.008	105	1378997	26.167	ppbV	92
74) Benzyl Chloride	19.117	91	1007608	38.897	ppbV	99
75) 1,3-dichlorobenzene	19.133	146	1044991	26.421	ppbV	99
76) 1,4-dichlorobenzene	19.192	146	1055178	26.452	ppbV	92
77) sec-butylbenzene	19.217	105	2048321	26.077	ppbV	98
78) p-isopropyltoluene	19.342	119	1725360	25.553	ppbV	97
79) 1,2-dichlorobenzene	19.467	146	987269	26.840	ppbV	98
80) n-butylbenzene	19.683	91	1514058	27.597	ppbV	91
81) 1,2-dibromo-3-chloropr...	19.825	75	409975	28.265	ppbV	95
82) 1,2,4-trichlorobenzene	20.942	180	816605	27.446	ppbV	100
83) naphthalene	21.050	128	2018508	25.651	ppbV	100
84) 1,2,3-trichlorobenzene	21.308	180	780396	25.802	ppbV	99
85) hexachlorobutadiene	21.375	225	682110	24.142	ppbV	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default-ICV-AP2 - All compounds listed16SIM_I\r322160_Ev2.D

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\
Data File : r322162_Ev2.D
Acq On : 17 May 2022 2:39 AM
Operator : AIRPIANO3:TS
Sample : ITO15-SIMSTD020
Misc : WG1639637
ALS Vial : 0 Sample Multiplier: 1

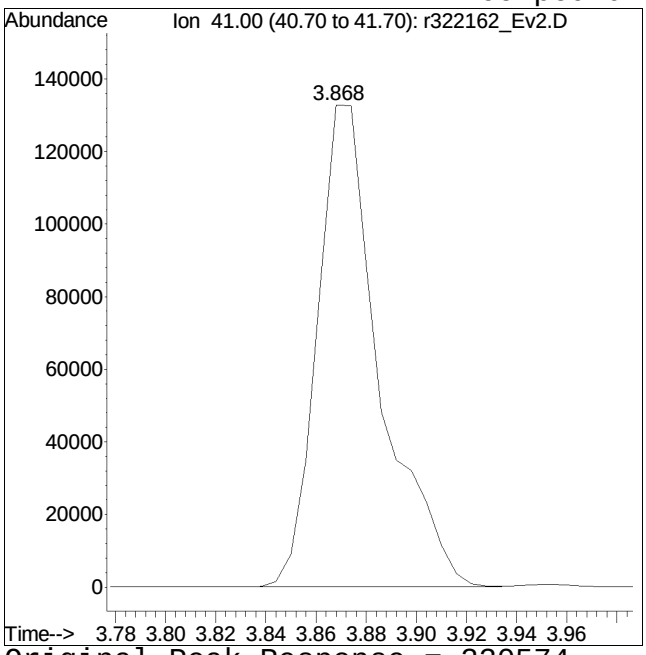
Quant Time: May 17 17:28:19 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 14:26:18 2022
Response via : Initial Calibration



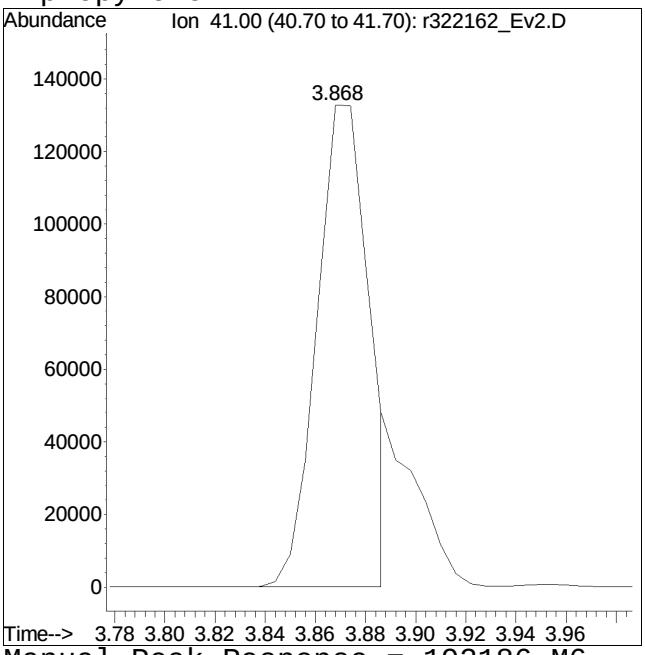
Manual Integration Report

Data Path : O:\Forensics\Data\AirpianoQMethod : TSIM3_220516.M
Data File : r322162_Ev2.D Operator : AIRPIANO3:TS
Date Inj'd : 5/17/2020 0:2: 9 Instrument :
Sample : ITO15-SIMSTD020 Quant Date : 5/17/2022 2:27 pm

Compound #2: propylene



Original Peak Response = 230574



Manual Peak Response = 192186 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\
Data File : r322163_Ev2.D
Acq On : 17 May 2022 3:19 AM
Operator : AIRPIANO3:TS
Sample : ITO15-SIMSTD050
Misc : WG1639637
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 17:30:15 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 14:26:18 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\r322160_Ev2.D
Sub List : Default-ICV-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.558	49	288486	10.000	ppbV	0.00
Standard Area = 249837			Recovery = 115.47%			
33) 1,4-difluorobenzene	11.840	114	886443	10.000	ppbV	0.00
Standard Area = 791968			Recovery = 111.93%			
51) chlorobenzene-D5	16.575	54	134032	10.000	ppbV	0.00
Standard Area = 120616			Recovery = 111.12%			
System Monitoring Compounds						
35) 1,2-dichloroethane-D4	10.450	65	252553	9.445	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 94.45%			
53) toluene-D8	14.675	98	880694	9.961	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.61%			
67) bromofluorobenzene	17.950	95	565591	10.123	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.23%			
Target Compounds						Qvalue
2) propylene	3.868	41	489075M6	60.308	ppbV	
3) dichlorodifluoromethane	3.952	85	1100050	55.270	ppbV	99
4) chloromethane	4.132	50	511556	60.765	ppbV	100
5) Freon-114	4.258	85	1484328	57.846	ppbV	100
6) vinyl chloride	4.390	62	764541	66.380	ppbV	100
7) 1,3-butadiene	4.558	54	600591	66.247	ppbV	99
8) bromomethane	4.876	94	606457	64.777	ppbV	100
9) chloroethane	5.098	64	417375	72.693	ppbV	94
10) ethanol	5.277	31	2857505	302.107	ppbV	98
11) vinyl bromide	5.530	106	611821	66.192	ppbV	98
12) acrolein	5.680	56	372339	65.548	ppbV	98
13) acetone	5.837	43	3451297	296.872	ppbV	93
14) trichlorofluoromethane	6.050	101	1147422	61.816	ppbV	99
15) isopropyl alcohol	6.177	45	2725093	178.693	ppbV	98
16) acrylonitrile	6.427	53	685957	74.879	ppbV	98
17) 1,1-dichloroethene	6.824	61	1019735	69.249	ppbV	99
18) tertiary butyl alcohol	6.896	59	1498990	82.299	ppbV	95
19) methylene chloride	6.992	49	800588	53.443	ppbV	95
20) 3-chloropropene	7.136	41	948042	71.659	ppbV	97
21) carbon disulfide	7.286	76	2294382	67.700	ppbV	98
22) Freon 113	7.328	101	1251579	64.962	ppbV	99
23) trans-1,2-dichloroethene	8.133	61	1059541	71.355	ppbV	97
24) 1,1-dichloroethane	8.367	63	1265075	70.451	ppbV	100

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\
Data File : r322163_Ev2.D
Acq On : 17 May 2022 3:19 AM
Operator : AIRPIANO3:TS
Sample : ITO15-SIMSTD050
Misc : WG1639637
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 17:30:15 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 14:26:18 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\r322160_Ev2.D
Sub List : Default-ICV-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) MTBE	8.442	73	1869286	68.823	ppbV		96
26) vinyl acetate	8.583	43	1518716	82.479	ppbV	#	94
27) 2-butanone	8.842	43	1451902	68.258	ppbV		96
28) cis-1,2-dichloroethene	9.367	61	957867	71.140	ppbV		99
29) Ethyl Acetate	9.658	61	285753	78.214	ppbV		87
30) chloroform	9.725	83	1265380	66.812	ppbV		99
31) Tetrahydrofuran	10.158	42	901376	71.640	ppbV		97
32) 1,2-dichloroethane	10.575	62	737068	64.854	ppbV		97
34) hexane	9.633	57	1327912	68.437	ppbV		97
36) 1,1,1-trichloroethane	10.867	97	1127956	75.509	ppbV		97
37) benzene	11.400	78	2607704	70.403	ppbV		99
38) carbon tetrachloride	11.573	117	1022749	70.399	ppbV		96
39) cyclohexane	11.713	56	1500783	75.178	ppbV		96
40) Dibromomethane	12.327	93	744958	69.980	ppbV	#	98
41) 1,2-dichloropropane	12.353	63	886009	73.520	ppbV		97
42) bromodichloromethane	12.587	83	1419280	74.105	ppbV		100
43) 1,4-dioxane	12.620	88	614868	80.659	ppbV		92
44) trichloroethene	12.640	130	1135981	68.576	ppbV		98
45) 2,2,4-trimethylpentane	12.687	57	4246233M6	71.273	ppbV		
46) heptane	13.007	43	1518128	69.755	ppbV		97
47) cis-1,3-dichloropropene	14.275	75	1238600	78.750	ppbV		96
48) 4-methyl-2-pentanone	13.683	43	1788673	70.009	ppbV		93
49) trans-1,3-dichloropropene	13.650	75	1310778	76.228	ppbV		96
50) 1,1,2-trichloroethane	14.475	97	921084	70.718	ppbV		95
52) toluene	14.792	91	2767394	68.675	ppbV		99
54) 2-hexanone	15.067	43	1688035	70.079	ppbV		95
55) dibromochloromethane	15.242	129	1407518	70.573	ppbV		99
56) 1,2-dibromoethane	15.492	107	1395478	67.952	ppbV		99
57) tetrachloroethene	15.958	166	1407612	66.998	ppbV		99
58) 1,1,1,2-tetrachloroethane	16.600	131	1080309	69.070	ppbV		100
59) chlorobenzene	16.617	112	2363719	65.997	ppbV		98
60) ethylbenzene	16.967	91	3370263	69.171	ppbV		98
61) m+p-xylene	17.133	91	5333089	128.917	ppbV		97
62) bromoform	17.208	173	1361522	73.442	ppbV		98
63) styrene	17.458	104	2555181	68.591	ppbV		99
64) 1,1,2,2-tetrachloroethane	17.550	83	2022736	66.191	ppbV		100
65) o-xylene	17.550	91	2618631	62.822	ppbV		94
66) 1,2,3-Trichloropropane	17.667	75	1751985	69.030	ppbV		97
68) isopropylbenzene	18.067	105	3898078	63.234	ppbV		95
69) Bromobenzene	18.142	77	2283516	67.977	ppbV		99

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\
Data File : r322163_Ev2.D
Acq On : 17 May 2022 3:19 AM
Operator : AIRPIANO3:TS
Sample : ITO15-SIMSTD050
Misc : WG1639637
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 17:30:15 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 14:26:18 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\r322160_Ev2.D
Sub List : Default-ICV-AP2 - All compounds listed

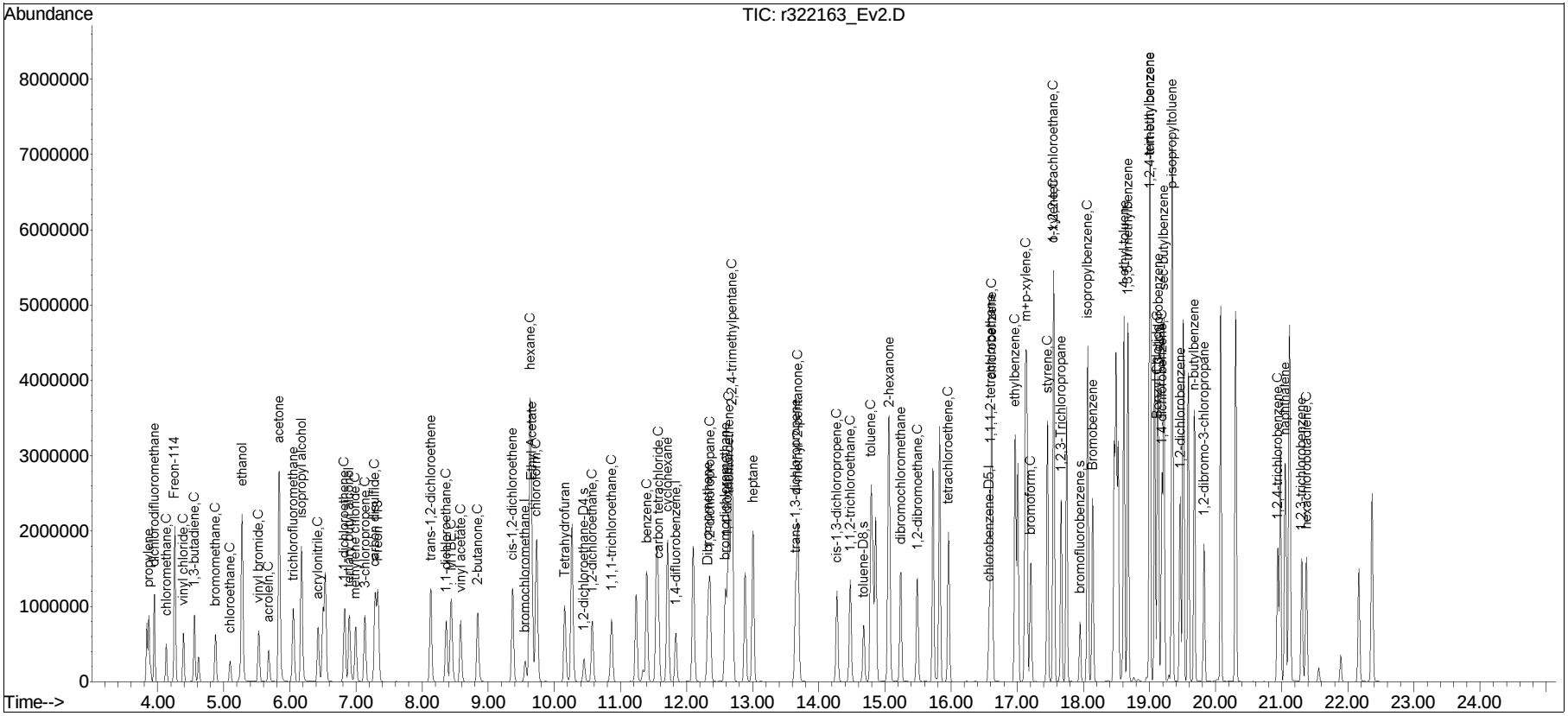
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) 4-ethyl toluene	18.617	105	4082066	62.610	ppbV	95
71) 1,3,5-trimethylbenzene	18.675	105	3468074	61.792	ppbV	96
72) tert-butylbenzene	19.000	119	3182634	54.429	ppbV	91
73) 1,2,4-trimethylbenzene	19.008	105	3055959	55.389	ppbV	90
74) Benzyl Chloride	19.117	91	2617911	96.531	ppbV	96
75) 1,3-dichlorobenzene	19.133	146	2511074	60.644	ppbV	97
76) 1,4-dichlorobenzene	19.192	146	2554415	61.166	ppbV	93
77) sec-butylbenzene	19.217	105	4829840	58.732	ppbV	93
78) p-isopropyltoluene	19.342	119	3710917M6	52.497	ppbV	
79) 1,2-dichlorobenzene	19.467	146	2445696	63.508	ppbV	97
80) n-butylbenzene	19.675	91	3611703	62.880	ppbV	95
81) 1,2-dibromo-3-chloropr...	19.825	75	988722	65.110	ppbV	91
82) 1,2,4-trichlorobenzene	20.942	180	2052820	65.904	ppbV	99
83) naphthalene	21.050	128	4896370	59.434	ppbV	99
84) 1,2,3-trichlorobenzene	21.300	180	1950875	61.610	ppbV	99
85) hexachlorobutadiene	21.375	225	1577766	53.340	ppbV	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default-ICV-AP2 - All compounds listed16SIM_I\r322160_Ev2.D

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\
Data File : r322163_Ev2.D
Acq On : 17 May 2022 3:19 AM
Operator : AIRPIANO3:TS
Sample : ITO15-SIMSTD050
Misc : WG1639637
ALS Vial : 0 Sample Multiplier: 1

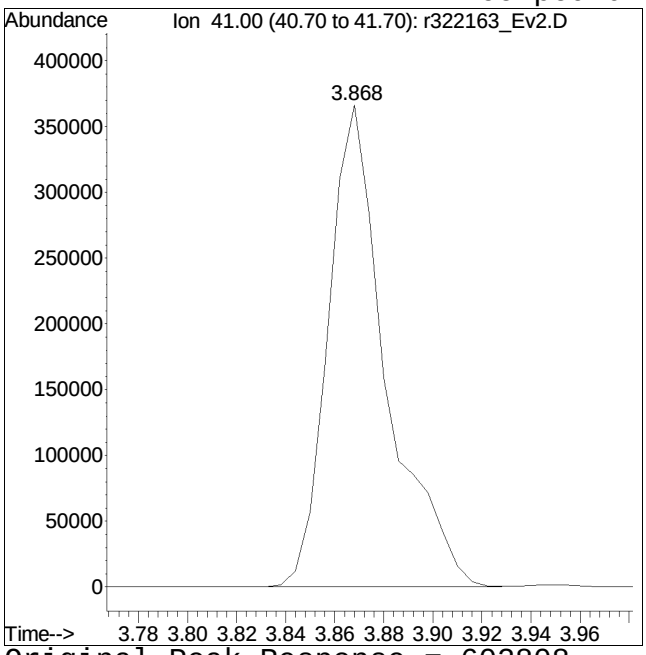
Quant Time: May 17 17:30:15 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 14:26:18 2022
Response via : Initial Calibration



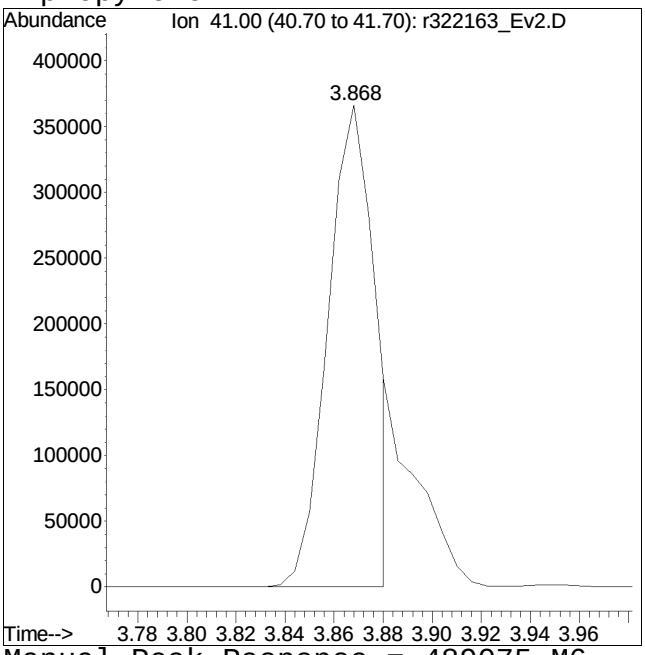
Manual Integration Report

Data Path : O:\Forensics\Data\AirpianoQMethod : TSIM3_220516.M
Data File : r322163_Ev2.D Operator : AIRPIANO3:TS
Date Inj'd : 5/17/2020 0:3: 9 Instrument :
Sample : ITO15-SIMSTD050 Quant Date : 5/17/2022 2:27 pm

Compound #2: propylene



Original Peak Response = 602808



Manual Peak Response = 489075 M6

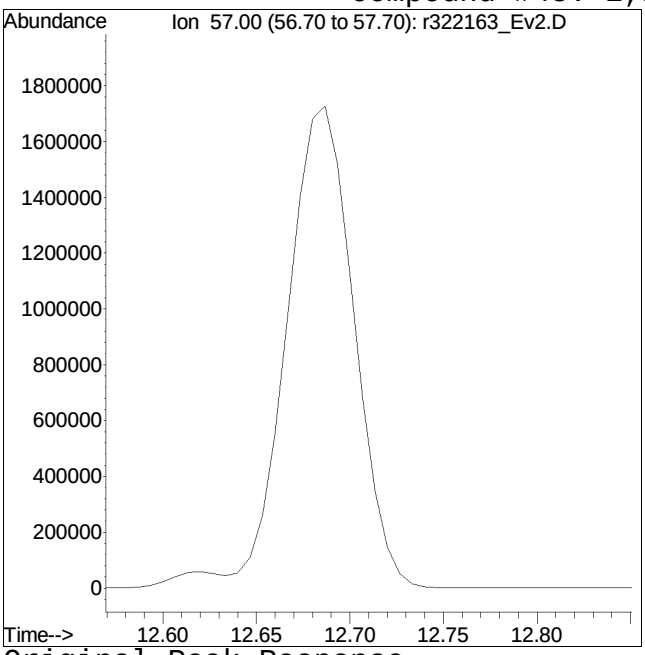
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

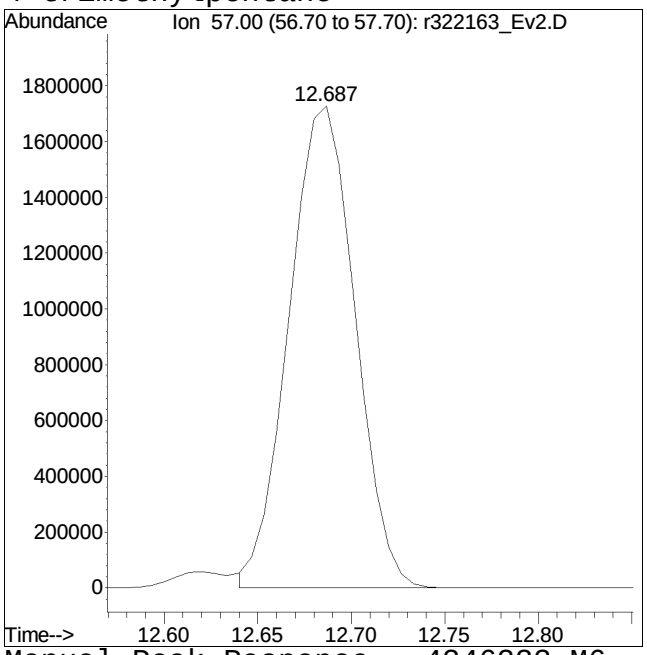
Data Path : O:\Forensics\Data\AirpianoQ
Data File : r322163_Ev2.D
Date Inj'd : 5/17/2020 0:3: 9
Sample : ITO15-SIMSTD050

Method : TSIM3_220516.M
Operator : AIRPIANO3:TS
Instrument :
Quant Date : 5/17/2022 2:27 pm

Compound #45: 2,2,4-trimethylpentane



Original Peak Response =



Manual Peak Response = 4246233 M6

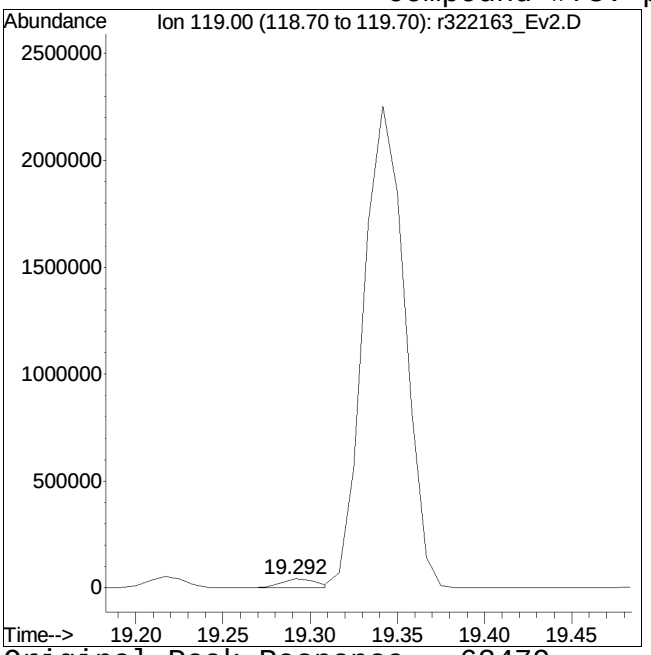
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

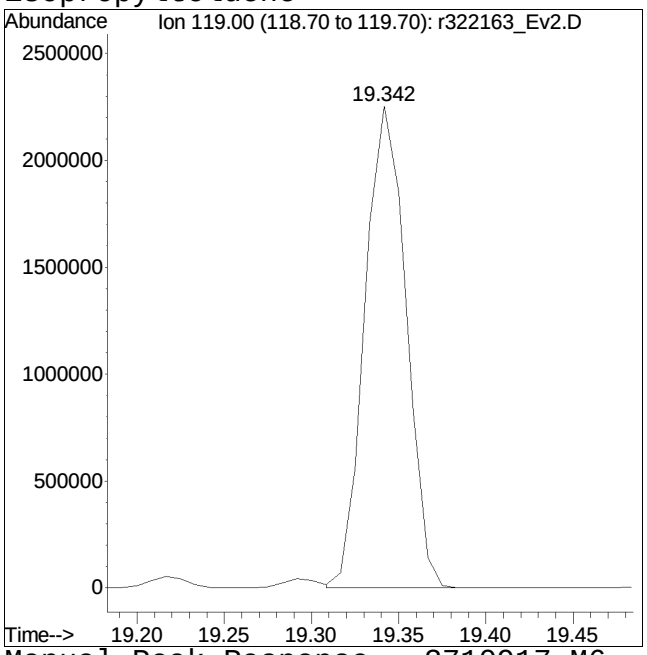
Data Path : O:\Forensics\Data\AirpianoQ
Data File : r322163_Ev2.D
Date Inj'd : 5/17/2020 0:3: 9
Sample : ITO15-SIMSTD050

Method : TSIM3_220516.M
Operator : AIRPIANO3:TS
Instrument :
Quant Date : 5/17/2022 2:27 pm

Compound #78: p-isopropyltoluene



Original Peak Response = 62479



Manual Peak Response = 3710917 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Evaluate Continuing Calibration Report

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\
Data File : r322168_Ev2.D
Acq On : 17 May 2022 11:55 AM
Operator : AIRPIANO3:TS
Sample : CTO15-SIMSTD5.0
Misc : WG1639637
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 17:37:07 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 17:30:54 2022
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	bromochloromethane	1.000	1.000	0.0	110	0.00
2		propylene	0.381	0.430	-12.9	169#	0.00
3		dichlorodifluoromethane	0.831	0.813	2.2	130	0.00
4	C	chloromethane	0.374	0.370	1.1	140	0.00
5		Freon-114	1.043	1.166	-11.8	145#	0.00
6	C	vinyl chloride	0.457	0.569	-24.5	157#	-0.01
7	C	1,3-butadiene	0.365	0.448	-22.7	157#	0.00
8	C	bromomethane	0.419	0.461	-10.0	157#	0.00
9	C	chloroethane	0.259	0.295	-13.9	164#	0.00
10		ethanol	0.419	0.413	1.4	139	0.00
11	C	vinyl bromide	0.402	0.445	-10.7	153#	0.00
12	C	acrolein	0.621	0.243	60.9#	136	0.00
13		acetone	0.555	0.670	-20.7	183#	-0.01
14		trichlorofluoromethane	0.916	0.852	7.0	146#	0.00
15		isopropyl alcohol	0.661	0.806	-21.9	168#	-0.01
16	C	acrylonitrile	0.419	0.480	-14.6	167#	-0.01
17	C	1,1-dichloroethene	0.576	0.796	-38.2#	172#	-0.01
18		tertiary butyl alcohol	0.783	1.044	-33.3#	182#	-0.02
19	C	methylene chloride	0.641	0.592	7.6	126	-0.01
20	C	3-chloropropene	0.574	0.752	-31.0#	181#	-0.01
21	C	carbon disulfide	1.469	1.592	-8.4	150#	-0.01
22		Freon 113	0.846	0.981	-16.0	162#	-0.01
23		trans-1,2-dichloroethene	0.610	0.798	-30.8#	171#	0.00
24	C	1,1-dichloroethane	0.728	0.978	-34.3#	173#	0.00
25	C	MTBE	1.055	1.354	-28.3	159#	0.00
26	C	vinyl acetate	0.858	0.930	-8.4	161#	0.00
27	C	2-butanone	1.001	1.040	-3.9	156#	0.00
28		cis-1,2-dichloroethene	0.540	0.748	-38.5#	177#	0.00
29		Ethyl Acetate	0.159	0.213	-34.0#	185#	0.00
30	C	chloroform	0.774	0.965	-24.7	162#	0.00
31		Tetrahydrofuran	0.549	0.641	-16.8	162#	-0.02
32	C	1,2-dichloroethane	0.479	0.531	-10.9	149#	0.00
33	I	1,4-difluorobenzene	1.000	1.000	0.0	111	-0.01
34	C	hexane	0.276	0.339	-22.8	172#	0.00
35	s	1,2-dichloroethane-D4	0.296	0.277	6.4	102	-0.02
36	C	1,1,1-trichloroethane	0.201	0.245	-21.9	162#	0.00
37	C	benzene	0.635	0.598	5.8	159#	-0.01
38	C	carbon tetrachloride	0.206	0.231	-12.1	157#	-0.01

Evaluate Continuing Calibration Report

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\
Data File : r322168_Ev2.D
Acq On : 17 May 2022 11:55 AM
Operator : AIRPIANO3:TS
Sample : CTO15-SIMSTD5.0
Misc : WG1639637
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 17:37:07 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 17:30:54 2022
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
39		cyclohexane	0.286	0.361	-26.2	178#	0.00
40		Dibromomethane	0.159	0.172	-8.2	159#	0.00
41	C	1,2-dichloropropane	0.164	0.216	-31.7#	177#	0.00
42		bromodichloromethane	0.256	0.326	-27.3	168#	0.00
43	C	1,4-dioxane	0.110	0.147	-33.6#	191#	-0.01
44	C	trichloroethene	0.217	0.278	-28.1	165#	-0.01
45	C	2,2,4-trimethylpentane	0.868	1.090	-25.6	180#	-0.01
46		heptane	0.313	0.353	-12.8	160#	-0.01
47	C	cis-1,3-dichloropropene	0.184	0.231	-25.5	145#	0.00
48	C	4-methyl-2-pentanone	0.353	0.407	-15.3	157#	0.00
49		trans-1,3-dichloropropene	0.218	0.297	-36.2#	170#	0.00
50	C	1,1,2-trichloroethane	0.170	0.224	-31.8#	169#	0.00
51	I	chlorobenzene-D5	1.000	1.000	0.0	108	0.00
52	C	toluene	4.565	4.727	-3.5	170#	0.00
53	s	toluene-D8	6.491	6.843	-5.4	112	0.00
54		2-hexanone	2.156	2.478	-14.9	149#	0.00
55		dibromochloromethane	1.653	2.364	-43.0#	172#	0.00
56	C	1,2-dibromoethane	1.753	2.161	-23.3	152#	0.00
57	C	tetrachloroethene	1.898	2.395	-26.2	165#	0.00
58		1,1,1,2-tetrachloroethane	1.352	1.681	-24.3	156#	0.00
59	C	chlorobenzene	3.257	3.906	-19.9	158#	0.00
60	C	ethylbenzene	4.266	5.843	-37.0#	174#	0.00
61	C	m+p-xylene	3.503	4.772	-36.2#	167#	0.00
62	C	bromoform	1.547	2.220	-43.5#	174#	0.00
63	C	styrene	3.107	4.007	-29.0	156#	0.00
64	C	1,1,2,2-tetrachloroethane	2.603	3.617	-39.0#	171#	0.00
65	C	o-xylene	3.577	4.851	-35.6#	169#	0.00
66		1,2,3-Trichloropropane	2.168	2.525	-16.5	144#	0.00
67	s	bromofluorobenzene	4.096	4.342	-6.0	113	0.00
68	C	isopropylbenzene	5.648	6.362	-12.6	150#	0.00
69		Bromobenzene	3.102	3.481	-12.2	150#	0.00
70		4-ethyl toluene	5.257	6.722	-27.9	149#	0.00
71		1,3,5-trimethylbenzene	4.377	5.883	-34.4#	152#	0.00
72		tert-butylbenzene	5.092	6.060	-19.0	150#	0.02
73		1,2,4-trimethylbenzene	4.262	5.862	-37.5#	154#	0.02
74	C	Benzyl Chloride	2.247	3.674	-63.5#	196#	0.02
75		1,3-dichlorobenzene	3.247	4.404	-35.6#	154#	0.03
76	C	1,4-dichlorobenzene	3.296	4.311	-30.8#	150#	0.03

Evaluate Continuing Calibration Report

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\
Data File : r322168_Ev2.D
Acq On : 17 May 2022 11:55 AM
Operator : AIRPIANO3:TS
Sample : CTO15-SIMSTD5.0
Misc : WG1639637
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 17:37:07 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 17:30:54 2022
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
77		sec-butylbenzene	7.214	8.007	-11.0	141#	0.03
78		p-isopropyltoluene	6.054	6.881	-13.7	141#	0.03
79		1,2-dichlorobenzene	3.184	4.074	-28.0	153#	0.04
80		n-butylbenzene	5.009	6.283	-25.4	158#	0.05
81		1,2-dibromo-3-chloropropane	1.123	1.461	-30.1#	139	0.05
82	C	1,2,4-trichlorobenzene	2.478	3.278	-32.3#	152#	0.06
83		naphthalene	6.485	8.490	-30.9#	149#	0.06
84		1,2,3-trichlorobenzene	2.552	3.183	-24.7	146#	0.05
85	C	hexachlorobutadiene	2.427	3.021	-24.5	148#	0.05

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 15

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\
Data File : r322168_Ev2.D
Acq On : 17 May 2022 11:55 AM
Operator : AIRPIANO3:TS
Sample : CTO15-SIMSTD5.0
Misc : WG1639637
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 17:37:07 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 17:30:54 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\r322160_Ev2.D
Sub List : Default-ICV-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.550	49	275628	10.000	ppbV	0.00
Standard Area = 249837			Recovery = 110.32%			
33) 1,4-difluorobenzene	11.827	114	881164	10.000	ppbV	-0.01
Standard Area = 791968			Recovery = 111.26%			
51) chlorobenzene-D5	16.567	54	130374	10.000	ppbV	0.00
Standard Area = 120616			Recovery = 108.09%			
System Monitoring Compounds						
35) 1,2-dichloroethane-D4	10.433	65	243751	9.350	ppbV	-0.02
Spiked Amount 10.000	Range 70 - 130		Recovery = 93.50%			
53) toluene-D8	14.667	98	892152	10.543	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 105.43%			
67) bromofluorobenzene	17.942	95	566052	10.600	ppbV	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 106.00%			
Target Compounds						Qvalue
2) propylene	3.862	41	59312M6	5.654	ppbV	
3) dichlorodifluoromethane	3.946	85	112084	4.893	ppbV	99
4) chloromethane	4.126	50	50950	4.939	ppbV	100
5) Freon-114	4.258	85	160751	5.594	ppbV	96
6) vinyl chloride	4.384	62	78479	6.230	ppbV	100
7) 1,3-butadiene	4.552	54	61721	6.142	ppbV	96
8) bromomethane	4.870	94	63495	5.498	ppbV	99
9) chloroethane	5.092	64	40719	5.714	ppbV	92
10) ethanol	5.263	31	284813	24.636	ppbV	99
11) vinyl bromide	5.523	106	61333	5.538	ppbV	97
12) acrolein	5.677	56	33449	1.954	ppbV	96
13) acetone	5.833	43	461476	30.191	ppbV	100
14) trichlorofluoromethane	6.047	101	117353	4.650	ppbV	99
15) isopropyl alcohol	6.167	45	277586	15.237	ppbV	97
16) acrylonitrile	6.417	53	66133	5.728	ppbV	98
17) 1,1-dichloroethene	6.818	61	109768	6.916	ppbV	99
18) tertiary butyl alcohol	6.896	59	143899	6.664	ppbV	94
19) methylene chloride	6.986	49	81545	4.614	ppbV	91
20) 3-chloropropene	7.124	41	103628	6.550	ppbV	95
21) carbon disulfide	7.280	76	219411	5.418	ppbV	97
22) Freon 113	7.322	101	135220	5.801	ppbV	99
23) trans-1,2-dichloroethene	8.125	61	110000	6.537	ppbV	99
24) 1,1-dichloroethane	8.358	63	134783	6.721	ppbV	99

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\
Data File : r322168_Ev2.D
Acq On : 17 May 2022 11:55 AM
Operator : AIRPIANO3:TS
Sample : CTO15-SIMSTD5.0
Misc : WG1639637
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 17:37:07 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 17:30:54 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\r322160_Ev2.D
Sub List : Default-ICV-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) MTBE	8.442	73	186552	6.416	ppbV		94
26) vinyl acetate	8.575	43	128227	5.423	ppbV		94
27) 2-butanone	8.842	43	143283	5.192	ppbV		96
28) cis-1,2-dichloroethene	9.358	61	103060	6.919	ppbV		99
29) Ethyl Acetate	9.658	61	29311	6.668	ppbV	#	57
30) chloroform	9.717	83	132954	6.232	ppbV		97
31) Tetrahydrofuran	10.158	42	88390	5.841	ppbV		98
32) 1,2-dichloroethane	10.567	62	73158	5.537	ppbV		98
34) hexane	9.625	57	149295	6.140	ppbV		90
36) 1,1,1-trichloroethane	10.858	97	108157	6.098	ppbV		98
37) benzene	11.387	78	263438	4.707	ppbV		99
38) carbon tetrachloride	11.560	117	101645	5.600	ppbV		99
39) cyclohexane	11.707	56	159126	6.313	ppbV		97
40) Dibromomethane	12.313	93	75830	5.404	ppbV	#	96
41) 1,2-dichloropropane	12.347	63	95065	6.583	ppbV		96
42) bromodichloromethane	12.580	83	143458	6.361	ppbV		98
43) 1,4-dioxane	12.620	88	64929	6.703	ppbV		96
44) trichloroethene	12.627	130	122285	6.392	ppbV		96
45) 2,2,4-trimethylpentane	12.673	57	480244M6	6.280	ppbV		
46) heptane	12.993	43	155721	5.649	ppbV		94
47) cis-1,3-dichloropropene	14.267	75	101660	6.268	ppbV		97
48) 4-methyl-2-pentanone	13.683	43	179344	5.760	ppbV		90
49) trans-1,3-dichloropropene	13.642	75	130891	6.812	ppbV		96
50) 1,1,2-trichloroethane	14.467	97	98596	6.595	ppbV		96
52) toluene	14.783	91	308119	5.177	ppbV		100
54) 2-hexanone	15.067	43	161535	5.748	ppbV		91
55) dibromochloromethane	15.233	129	154087	7.151	ppbV		100
56) 1,2-dibromoethane	15.483	107	140873	6.165	ppbV		100
57) tetrachloroethene	15.958	166	156127	6.309	ppbV		96
58) 1,1,1,2-tetrachloroethane	16.600	131	109578	6.217	ppbV		99
59) chlorobenzene	16.608	112	254596	5.995	ppbV		98
60) ethylbenzene	16.967	91	380859	6.848	ppbV		96
61) m+p-xylene	17.125	91	622093	13.623	ppbV		93
62) bromoform	17.200	173	144728	7.177	ppbV		99
63) styrene	17.450	104	261203	6.448	ppbV		99
64) 1,1,2,2-tetrachloroethane	17.542	83	235800	6.949	ppbV		100
65) o-xylene	17.542	91	316233	6.782	ppbV		92
66) 1,2,3-Trichloropropane	17.658	75	164586	5.824	ppbV		98
68) isopropylbenzene	18.058	105	414729	5.632	ppbV		98
69) Bromobenzene	18.133	77	226900	5.610	ppbV		97

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\
Data File : r322168_Ev2.D
Acq On : 17 May 2022 11:55 AM
Operator : AIRPIANO3:TS
Sample : CTO15-SIMSTD5.0
Misc : WG1639637
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 17:37:07 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 17:30:54 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\r322160_Ev2.D
Sub List : Default-ICV-AP2 - All compounds listed

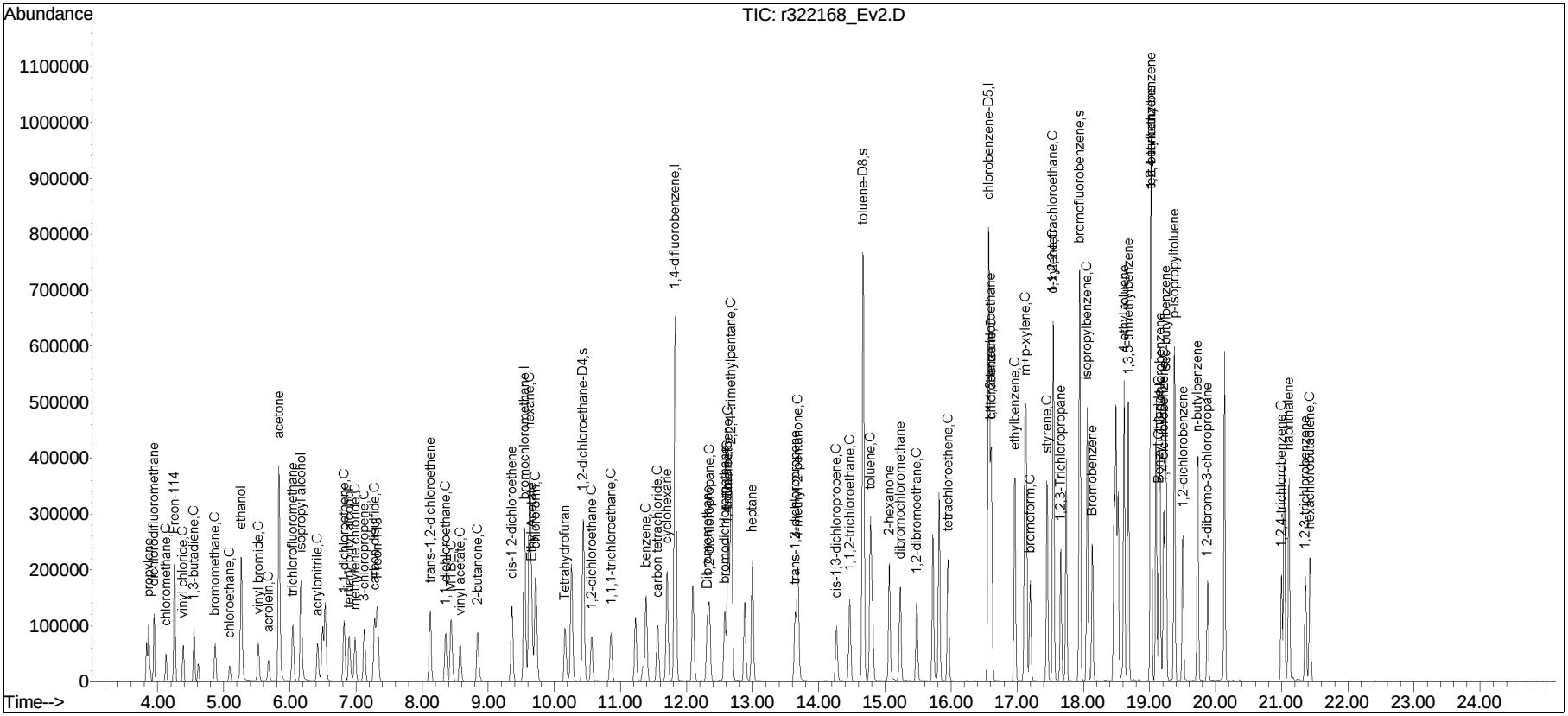
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) 4-ethyl toluene	18.617	105	438173	6.393	ppbV	98
71) 1,3,5-trimethylbenzene	18.683	105	383488	6.720	ppbV	94
72) tert-butylbenzene	19.025	119	395063	5.951	ppbV	100
73) 1,2,4-trimethylbenzene	19.025	105	382131	6.877	ppbV	92
74) Benzyl Chloride	19.142	91	239526	8.177	ppbV	99
75) 1,3-dichlorobenzene	19.158	146	287059	6.782	ppbV	99
76) 1,4-dichlorobenzene	19.217	146	281041M6	6.541	ppbV	
77) sec-butylbenzene	19.250	105	521967	5.550	ppbV	96
78) p-isopropyltoluene	19.375	119	448547M6	5.683	ppbV	
79) 1,2-dichlorobenzene	19.508	146	265545	6.396	ppbV	99
80) n-butylbenzene	19.725	91	409600	6.273	ppbV	97
81) 1,2-dibromo-3-chloropr...	19.875	75	95226	6.502	ppbV	91
82) 1,2,4-trichlorobenzene	21.000	180	213687	6.615	ppbV	98
83) naphthalene	21.108	128	553415	6.546	ppbV	98
84) 1,2,3-trichlorobenzene	21.358	180	207520	6.236	ppbV	99
85) hexachlorobutadiene	21.425	225	196940	6.223	ppbV	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default-ICV-AP2 - All compounds listed16SIM_I\r322160_Ev2.D

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\
Data File : r322168_Ev2.D
Acq On : 17 May 2022 11:55 AM
Operator : AIRPIANO3:TS
Sample : CTO15-SIMSTD5.0
Misc : WG1639637
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 17 17:37:07 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0516SIM_I\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 17:30:54 2022
Response via : Initial Calibration

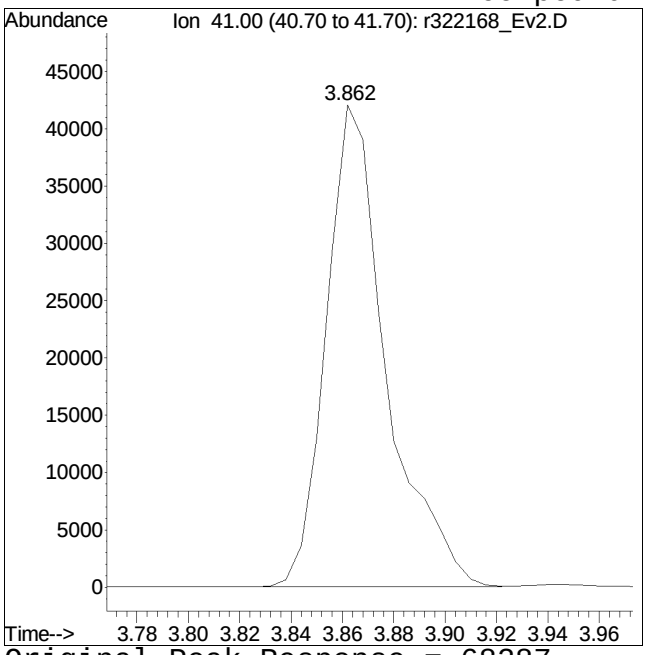


Manual Integration Report

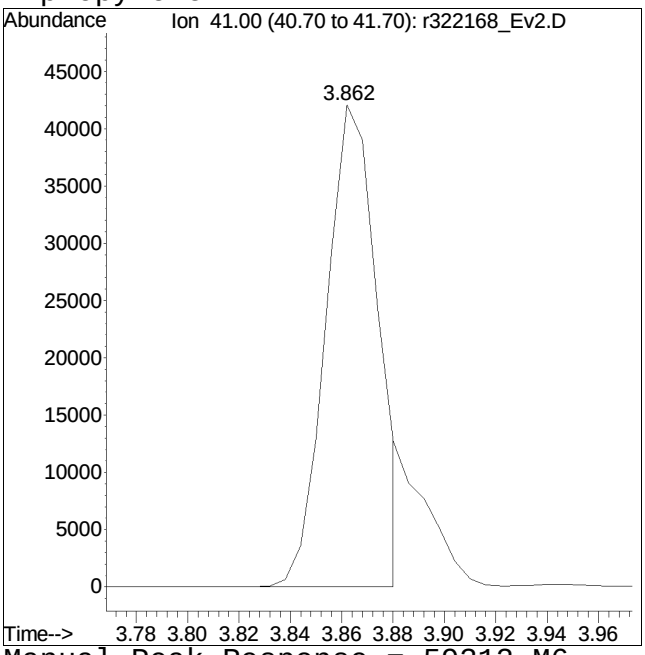
Data Path : O:\Forensics\Data\AirpianoQ
Data File : r322168_Ev2.D
Date Inj'd : 5/17/2020 0:1: 5
Sample : CTO15-SIMSTD5.0

Method : TSIM3_220516.M
Operator : AIRPIANO3:TS
Instrument :
Quant Date : 5/17/2022 5:33 pm

Compound #2: propylene



Original Peak Response = 68287



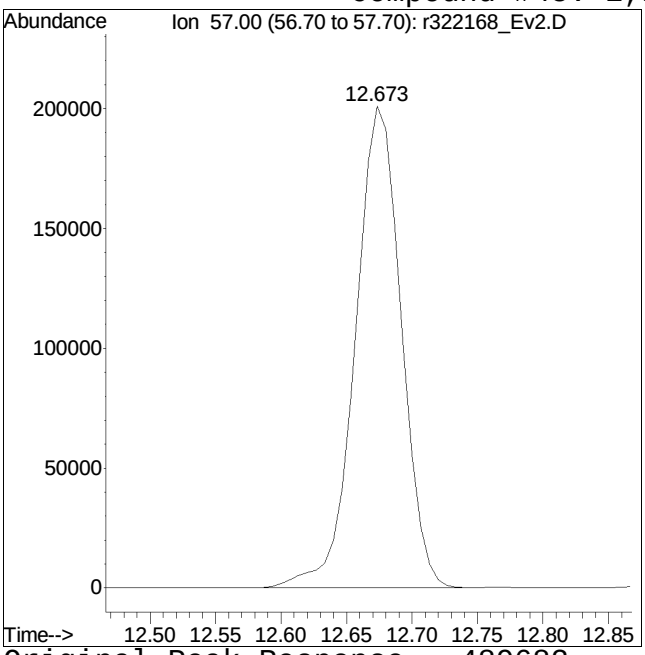
Manual Peak Response = 59312 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

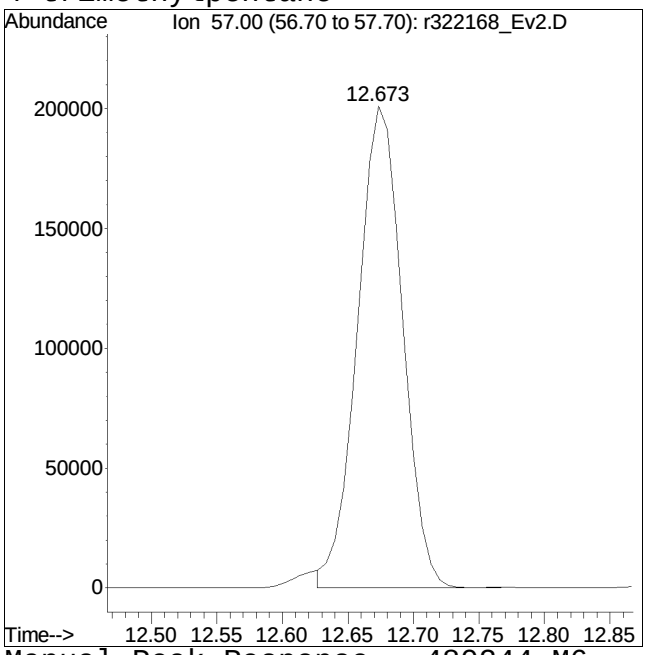
Manual Integration Report

Data Path : O:\Forensics\Data\AirpianoQMethod : TSIM3_220516.M
Data File : r322168_Ev2.D Operator : AIRPIANO3:TS
Date Inj'd : 5/17/2020 0:1: 5 Instrument :
Sample : CTO15-SIMSTD5.0 Quant Date : 5/17/2022 5:33 pm

Compound #45: 2,2,4-trimethylpentane



Original Peak Response = 489682



Manual Peak Response = 480244 M6

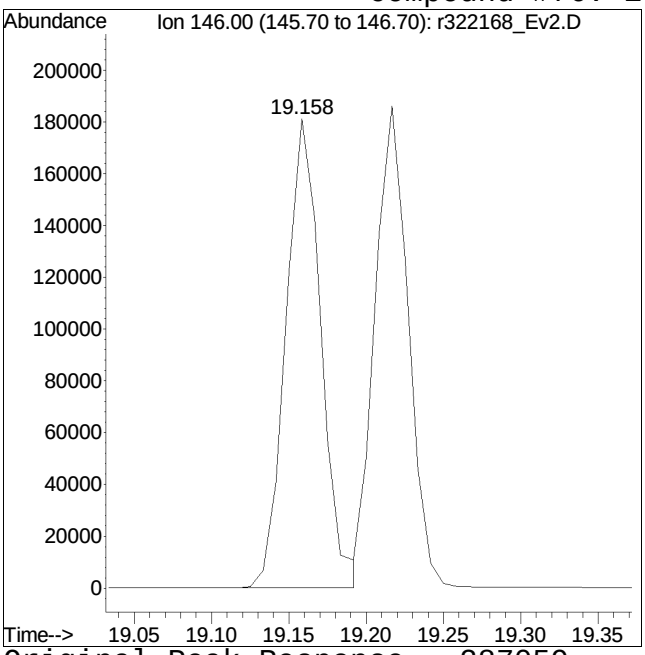
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

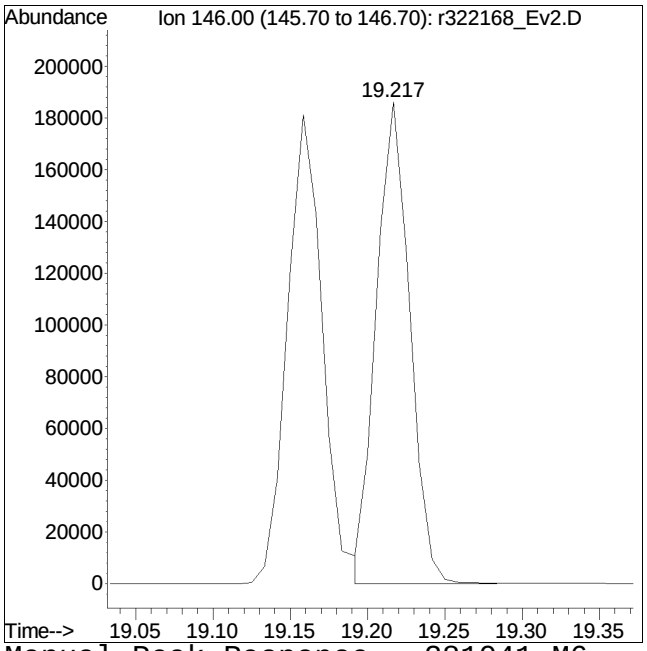
Data Path : O:\Forensics\Data\AirpianoQ
Data File : r322168_Ev2.D
Date Inj'd : 5/17/2020 0:1: 5
Sample : CTO15-SIMSTD5.0

Method : TSIM3_220516.M
Operator : AIRPIANO3:TS
Instrument :
Quant Date : 5/17/2022 5:33 pm

Compound #76: 1,4-dichlorobenzene



Original Peak Response = 287059



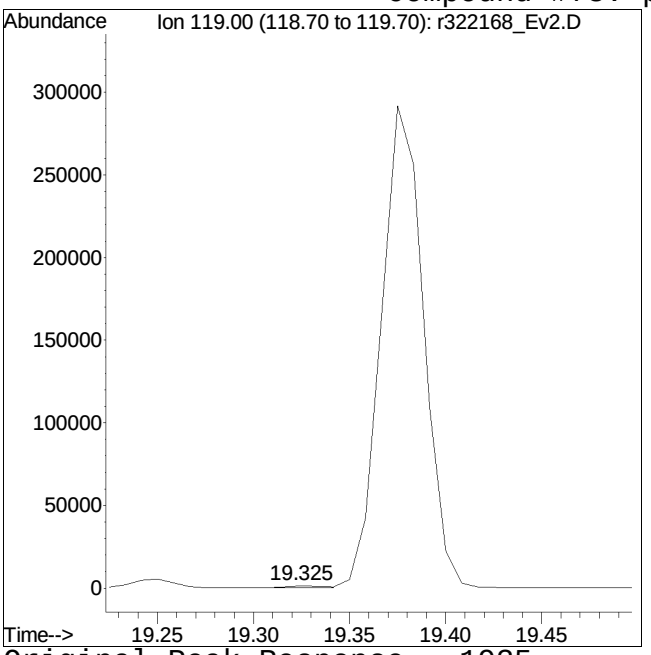
Manual Peak Response = 281041 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

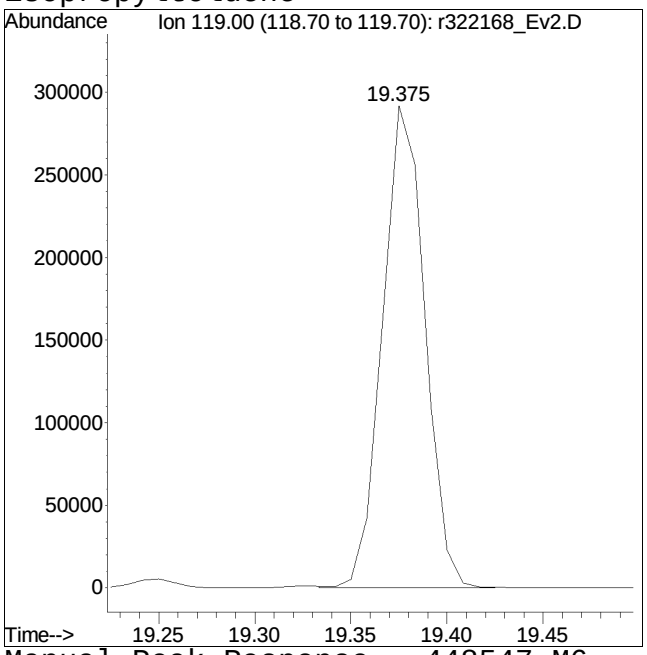
Manual Integration Report

Data Path : O:\Forensics\Data\AirpianoQMethod : TSIM3_220516.M
Data File : r322168_Ev2.D Operator : AIRPIANO3:TS
Date Inj'd : 5/17/2020 0:1: 5 Instrument :
Sample : CTO15-SIMSTD5.0 Quant Date : 5/17/2022 5:33 pm

Compound #78: p-isopropyltoluene



Original Peak Response = 1935



Manual Peak Response = 448547 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Continuing Calibration

Calibration Verification Summary
Form 7
Air Volatiles

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590	
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503	
Instrument ID	: AIRPIANO3	**Calibration Date**	: 05/18/22 14:29	
Lab File ID	: R322195_EV2	**Init. Calib. Date(s)**	: 05/16/22	05/17/22
Sample No	: WG1640149-2	**Init. Calib. Times**	: 21:15	03:19
Channel	:			

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
bromochloromethane	1	1	-	0	30	107	-.03
propylene	0.381	0.396	-	-3.9	30	150	-.01
dichlorodifluoromethane	0.831	0.929	-	-11.8	30	144	-.01
chloromethane	0.374	0.396	-	-5.9	30	145	-.01
Freon-114	1.043	1.241	-	-19	30	149	-.02
vinyl chloride	0.457	0.572	-	-25.2	30	153	-.02
1,3-butadiene	0.365	0.472	-	-29.3	30	160	-.02
bromomethane	0.419	0.461	-	-10	30	152	-.02
chloroethane	0.259	0.286	-	-10.4	30	153	-.02
ethanol	0.419	0.43	-	-2.6	30	140	-.02
vinyl bromide	0.402	0.449	-	-11.7	30	149	-.02
acrolein	0.621	0.248	-	60.1*	30	134	-.02
acetone	0.555	0.592	-	-6.7	30	157	-.03
trichlorofluoromethane	0.916	0.907	-	1	30	150	-.02
isopropyl alcohol	0.661	0.838	-	-26.8	30	169	-.03
acrylonitrile	0.419	0.451	-	-7.6	30	152	-.03
1,1-dichloroethene	0.576	0.743	-	-29	30	155	-.02
tertiary butyl alcohol	0.783	0.982	-	-25.4	30	166	-.03
methylene chloride	0.641	0.598	-	6.7	30	123	-.02
3-chloropropene	0.574	0.718	-	-25.1	30	167	-.02
carbon disulfide	1.469	1.584	-	-7.8	30	144	-.02
Freon 113	0.846	0.961	-	-13.6	30	154	-.02
trans-1,2-dichloroethene	0.61	0.721	-	-18.2	30	149	-.03
1,1-dichloroethane	0.728	0.895	-	-22.9	30	153	-.03
MTBE	1.055	1.386	-	-31.4*	30	157	-.02
vinyl acetate	0.858	0.914	-	-6.5	30	153	-.03
2-butanone	1.001	1.044	-	-4.3	30	151	-.03
cis-1,2-dichloroethene	0.54	0.682	-	-26.3	30	156	-.03
Ethyl Acetate	0.159	0.192	-	-20.8	30	162	-.02
chloroform	0.774	0.956	-	-23.5	30	155	-.03
Tetrahydrofuran	0.549	0.622	-	-13.3	30	152	-.03
1,2-dichloroethane	0.479	0.55	-	-14.8	30	149	-.02
1,4-difluorobenzene	1	1	-	0	30	106	-.03
hexane	0.276	0.309	-	-12	30	149	-.03
1,1,1-trichloroethane	0.201	0.25	-	-24.4	30	157	-.03
benzene	0.635	0.593	-	6.6	30	150	-.03
carbon tetrachloride	0.206	0.251	-	-21.8	30	162	-.03
cyclohexane	0.286	0.331	-	-15.7	30	155	-.02
Dibromomethane	0.159	0.163	-	-2.5	30	143	-.02
1,2-dichloropropane	0.164	0.199	-	-21.3	30	154	-.02
bromodichloromethane	0.256	0.324	-	-26.6	30	158	-.03
1,4-dioxane	0.11	0.132	-	-20	30	162	-.03
trichloroethene	0.217	0.271	-	-24.9	30	153	-.03

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Air Volatiles

Client	: Langan Engineering & Environmental	**Lab Number**	: L2225590		
Project Name	: 57-00, 57-05 47TH ST	**Project Number**	: 100965503		
Instrument ID	: AIRPIANO3	**Calibration Date**	: 05/18/22 14:29		
Lab File ID	: R322195_EV2	**Init. Calib. Date(s)**	: 05/16/22	05/17/22	
Sample No	: WG1640149-2	**Init. Calib. Times**	: 21:15	03:19	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
2,2,4-trimethylpentane	0.868	1.023	-	-17.9	30	161	-.03
heptane	0.313	0.358	-	-14.4	30	154	-.03
cis-1,3-dichloropropene	0.184	0.239	-	-29.9	30	142	-.03
4-methyl-2-pentanone	0.353	0.421	-	-19.3	30	154	-.03
trans-1,3-dichloropropene	0.218	0.304	-	-39.4*	30	165	-.03
1,1,2-trichloroethane	0.17	0.216	-	-27.1	30	155	-.03
chlorobenzene-D5	1	1	-	0	30	103	-.02
toluene	4.565	4.36	-	4.5	30	150	-.02
2-hexanone	2.156	2.57	-	-19.2	30	148	-.02
dibromochloromethane	1.653	2.326	-	-40.7*	30	161	-.03
1,2-dibromoethane	1.753	2.235	-	-27.5	30	151	-.02
tetrachloroethene	1.898	2.296	-	-21	30	151	-.02
1,1,1,2-tetrachloroethane	1.352	1.65	-	-22	30	146	-.02
chlorobenzene	3.257	3.942	-	-21	30	152	-.02
ethylbenzene	4.266	5.343	-	-25.2	30	152	-.02
m+p-xylene	3.503	4.468	-	-27.5	30	150	-.02
bromoform	1.547	2.183	-	-41.1*	30	163	-.02
styrene	3.107	4.057	-	-30.6*	30	151	-.02
1,1,2,2-tetrachloroethane	2.603	3.367	-	-29.4	30	153	-.02
o-xylene	3.577	4.568	-	-27.7	30	152	-.02
1,2,3-Trichloropropane	2.168	2.573	-	-18.7	30	140	-.02
isopropylbenzene	5.648	6.534	-	-15.7	30	147	-.02
Bromobenzene	3.102	3.482	-	-12.3	30	144	-.02
4-ethyl toluene	5.257	6.936	-	-31.9*	30	147	0
1,3,5-trimethylbenzene	4.377	6.134	-	-40.1*	30	151	0
tert-butylbenzene	5.092	5.977	-	-17.4	30	142	0
1,2,4-trimethylbenzene	4.262	6.04	-	-41.7*	30	152	.02
Benzyl Chloride	2.247	3.415	-	-52*	30	174	.02
1,3-dichlorobenzene	3.247	4.453	-	-37.1*	30	149	.02
1,4-dichlorobenzene	3.296	4.476	-	-35.8*	30	148	.02
sec-butylbenzene	7.214	8.348	-	-15.7	30	141	.02
p-isopropyltoluene	6.054	6.696	-	-10.6	30	131	.03
1,2-dichlorobenzene	3.184	4.189	-	-31.6*	30	151	.03
n-butylbenzene	5.009	5.911	-	-18	30	142	.04
1,2-dibromo-3-chloropropan	1.123	1.566	-	-39.4*	30	143	.04
1,2,4-trichlorobenzene	2.478	3.273	-	-32.1*	30	145	.04
naphthalene	6.485	8.349	-	-28.7	30	140	.05
1,2,3-trichlorobenzene	2.552	3.234	-	-26.7	30	141	.04
hexachlorobutadiene	2.427	3.127	-	-28.8	30	146	.04

* Value outside of QC limits.

Evaluate Continuing Calibration Report

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\
Data File : r322195_Ev2.D
Acq On : 18 May 2022 2:29 PM
Operator : AIRPIANO3:TS
Sample : WG1640149-2,3,250,250
Misc : WG1640149,ICAL19031
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 18 16:43:16 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 17:30:54 2022
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	bromochloromethane	1.000	1.000	0.0	107	-0.03
2		propylene	0.381	0.396	-3.9	150#	-0.01
3		dichlorodifluoromethane	0.831	0.929	-11.8	144#	-0.01
4	C	chloromethane	0.374	0.396	-5.9	145#	-0.01
5		Freon-114	1.043	1.241	-19.0	149#	-0.02
6	C	vinyl chloride	0.457	0.572	-25.2	153#	-0.02
7	C	1,3-butadiene	0.365	0.472	-29.3	160#	-0.02
8	C	bromomethane	0.419	0.461	-10.0	152#	-0.02
9	C	chloroethane	0.259	0.286	-10.4	153#	-0.02
10		ethanol	0.419	0.430	-2.6	140	-0.02
11	C	vinyl bromide	0.402	0.449	-11.7	149#	-0.02
12	C	acrolein	0.621	0.248	60.1#	134	-0.02
13		acetone	0.555	0.592	-6.7	157#	-0.03
14		trichlorofluoromethane	0.916	0.907	1.0	150#	-0.02
15		isopropyl alcohol	0.661	0.838	-26.8	169#	-0.03
16	C	acrylonitrile	0.419	0.451	-7.6	152#	-0.03
17	C	1,1-dichloroethene	0.576	0.743	-29.0	155#	-0.02
18		tertiary butyl alcohol	0.783	0.982	-25.4	166#	-0.03
19	C	methylene chloride	0.641	0.598	6.7	123	-0.02
20	C	3-chloropropene	0.574	0.718	-25.1	167#	-0.02
21	C	carbon disulfide	1.469	1.584	-7.8	144#	-0.02
22		Freon 113	0.846	0.961	-13.6	154#	-0.02
23		trans-1,2-dichloroethene	0.610	0.721	-18.2	149#	-0.03
24	C	1,1-dichloroethane	0.728	0.895	-22.9	153#	-0.03
25	C	MTBE	1.055	1.386	-31.4#	157#	-0.02
26	C	vinyl acetate	0.858	0.914	-6.5	153#	-0.03
27	C	2-butanone	1.001	1.044	-4.3	151#	-0.03
28		cis-1,2-dichloroethene	0.540	0.682	-26.3	156#	-0.03
29		Ethyl Acetate	0.159	0.192	-20.8	162#	-0.02
30	C	chloroform	0.774	0.956	-23.5	155#	-0.03
31		Tetrahydrofuran	0.549	0.622	-13.3	152#	-0.03
32	C	1,2-dichloroethane	0.479	0.550	-14.8	149#	-0.02
33	I	1,4-difluorobenzene	1.000	1.000	0.0	106	-0.03
34	C	hexane	0.276	0.309	-12.0	149#	-0.03
36	C	1,1,1-trichloroethane	0.201	0.250	-24.4	157#	-0.03
37	C	benzene	0.635	0.593	6.6	150#	-0.03
38	C	carbon tetrachloride	0.206	0.251	-21.8	162#	-0.03
39		cyclohexane	0.286	0.331	-15.7	155#	-0.02

Evaluate Continuing Calibration Report

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\
Data File : r322195_Ev2.D
Acq On : 18 May 2022 2:29 PM
Operator : AIRPIANO3:TS
Sample : WG1640149-2,3,250,250
Misc : WG1640149,ICAL19031
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 18 16:43:16 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 17:30:54 2022
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
40		Dibromomethane	0.159	0.163	-2.5	143#	-0.02
41	C	1,2-dichloropropane	0.164	0.199	-21.3	154#	-0.02
42		bromodichloromethane	0.256	0.324	-26.6	158#	-0.03
43	C	1,4-dioxane	0.110	0.132	-20.0	162#	-0.03
44	C	trichloroethene	0.217	0.271	-24.9	153#	-0.03
45	C	2,2,4-trimethylpentane	0.868	1.023	-17.9	161#	-0.03
46		heptane	0.313	0.358	-14.4	154#	-0.03
47	C	cis-1,3-dichloropropene	0.184	0.239	-29.9	142#	-0.03
48	C	4-methyl-2-pentanone	0.353	0.421	-19.3	154#	-0.03
49		trans-1,3-dichloropropene	0.218	0.304	-39.4#	165#	-0.03
50	C	1,1,2-trichloroethane	0.170	0.216	-27.1	155#	-0.03
51	I	chlorobenzene-D5	1.000	1.000	0.0	103	-0.02
52	C	toluene	4.565	4.360	4.5	150#	-0.02
54		2-hexanone	2.156	2.570	-19.2	148#	-0.02
55		dibromochloromethane	1.653	2.326	-40.7#	161#	-0.03
56	C	1,2-dibromoethane	1.753	2.235	-27.5	151#	-0.02
57	C	tetrachloroethene	1.898	2.296	-21.0	151#	-0.02
58		1,1,1,2-tetrachloroethane	1.352	1.650	-22.0	146#	-0.02
59	C	chlorobenzene	3.257	3.942	-21.0	152#	-0.02
60	C	ethylbenzene	4.266	5.343	-25.2	152#	-0.02
61	C	m+p-xylene	3.503	4.468	-27.5	150#	-0.02
62	C	bromoform	1.547	2.183	-41.1#	163#	-0.02
63	C	styrene	3.107	4.057	-30.6#	151#	-0.02
64	C	1,1,2,2-tetrachloroethane	2.603	3.367	-29.4	153#	-0.02
65	C	o-xylene	3.577	4.568	-27.7	152#	-0.02
66		1,2,3-Trichloropropane	2.168	2.573	-18.7	140#	-0.02
68	C	isopropylbenzene	5.648	6.534	-15.7	147#	-0.02
69		Bromobenzene	3.102	3.482	-12.3	144#	-0.02
70		4-ethyl toluene	5.257	6.936	-31.9#	147#	0.00
71		1,3,5-trimethylbenzene	4.377	6.134	-40.1#	151#	0.00
72		tert-butylbenzene	5.092	5.977	-17.4	142#	0.00
73		1,2,4-trimethylbenzene	4.262	6.040	-41.7#	152#	0.02
74	C	Benzyl Chloride	2.247	3.415	-52.0#	174#	0.02
75		1,3-dichlorobenzene	3.247	4.453	-37.1#	149#	0.02
76	C	1,4-dichlorobenzene	3.296	4.476	-35.8#	148#	0.02
77		sec-butylbenzene	7.214	8.348	-15.7	141#	0.02
78		p-isopropyltoluene	6.054	6.696	-10.6	131	0.03
79		1,2-dichlorobenzene	3.184	4.189	-31.6#	151#	0.03

Evaluate Continuing Calibration Report

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\
Data File : r322195_Ev2.D
Acq On : 18 May 2022 2:29 PM
Operator : AIRPIANO3:TS
Sample : WG1640149-2,3,250,250
Misc : WG1640149,ICAL19031
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 18 16:43:16 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 17:30:54 2022
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
80	n-butylbenzene	5.009	5.911	-18.0	142#	0.04
81	1,2-dibromo-3-chloropropane	1.123	1.566	-39.4#	143#	0.04
82 C	1,2,4-trichlorobenzene	2.478	3.273	-32.1#	145#	0.04
83	naphthalene	6.485	8.349	-28.7	140#	0.05
84	1,2,3-trichlorobenzene	2.552	3.234	-26.7	141#	0.04
85 C	hexachlorobutadiene	2.427	3.127	-28.8	146#	0.04

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 7

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\
Data File : r322195_Ev2.D
Acq On : 18 May 2022 2:29 PM
Operator : AIRPIANO3:TS
Sample : WG1640149-2,3,250,250
Misc : WG1640149,ICAL19031
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 18 16:43:16 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 17:30:54 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\r322195_Ev2.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.533	49	266528	10.000	ppbV	-0.03
Standard Area = 266528			Recovery = 100.00%			
33) 1,4-difluorobenzene	11.813	114	836058	10.000	ppbV	-0.03
Standard Area = 836058			Recovery = 100.00%			
51) chlorobenzene-D5	16.558	54	124605	10.000	ppbV	-0.02
Standard Area = 124605			Recovery = 100.00%			
System Monitoring Compounds						
Target Compounds						Qvalue
2) propylene	3.856	41	52717M6	5.197	ppbV	
3) dichlorodifluoromethane	3.940	85	123737	5.587	ppbV	99
4) chloromethane	4.120	50	52772	5.290	ppbV	100
5) Freon-114	4.246	85	165314	5.949	ppbV	99
6) vinyl chloride	4.378	62	76194	6.255	ppbV	100
7) 1,3-butadiene	4.540	54	62891	6.472	ppbV	100
8) bromomethane	4.858	94	61444	5.502	ppbV	100
9) chloroethane	5.080	64	38071	5.524	ppbV	97
10) ethanol	5.250	31	286639	25.641	ppbV	100
11) vinyl bromide	5.510	106	59774	5.582	ppbV	99
12) acrolein	5.663	56	33073	1.998	ppbV	99
13) acetone	5.820	43	394640	26.700	ppbV	98
14) trichlorofluoromethane	6.030	101	120905	4.955	ppbV	99
15) isopropyl alcohol	6.153	45	279045	15.840	ppbV	100
16) acrylonitrile	6.403	53	60128	5.386	ppbV	99
17) 1,1-dichloroethene	6.806	61	98970	6.449	ppbV	100
18) tertiary butyl alcohol	6.884	59	130859	6.267	ppbV	99
19) methylene chloride	6.974	49	79660	4.661	ppbV	98
20) 3-chloropropene	7.112	41	95747	6.259	ppbV	99
21) carbon disulfide	7.268	76	211087	5.391	ppbV	99
22) Freon 113	7.310	101	128129	5.685	ppbV	99
23) trans-1,2-dichloroethene	8.108	61	96103	5.906	ppbV	100
24) 1,1-dichloroethane	8.342	63	119318	6.153	ppbV	100
25) MTBE	8.425	73	184758	6.571	ppbV	99
26) vinyl acetate	8.558	43	121788	5.326	ppbV	99
27) 2-butanone	8.825	43	139194	5.216	ppbV	99
28) cis-1,2-dichloroethene	9.342	61	90864	6.309	ppbV	99
29) Ethyl Acetate	9.642	61	25630	6.030	ppbV	93
30) chloroform	9.700	83	127382	6.175	ppbV	100

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\
Data File : r322195_Ev2.D
Acq On : 18 May 2022 2:29 PM
Operator : AIRPIANO3:TS
Sample : WG1640149-2,3,250,250
Misc : WG1640149,ICAL19031
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 18 16:43:16 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 17:30:54 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\r322195_Ev2.D
Sub List : Default-LCS-AP2 - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
31) Tetrahydrofuran	10.150	42	82920	5.667	ppbV		97
32) 1,2-dichloroethane	10.550	62	73251	5.733	ppbV		99
34) hexane	9.608	57	129077	5.595	ppbV		96
36) 1,1,1-trichloroethane	10.842	97	104493	6.209	ppbV		99
37) benzene	11.373	78	247827	4.667	ppbV		98
38) carbon tetrachloride	11.547	117	105042	6.100	ppbV		95
39) cyclohexane	11.693	56	138162	5.777	ppbV		98
40) Dibromomethane	12.300	93	68007	5.108	ppbV	#	100
41) 1,2-dichloropropane	12.333	63	83151	6.069	ppbV		99
42) bromodichloromethane	12.560	83	135352	6.326	ppbV		99
43) 1,4-dioxane	12.607	88	55246	6.011	ppbV		97
44) trichloroethene	12.613	130	113490	6.252	ppbV		96
45) 2,2,4-trimethylpentane	12.660	57	427685	5.895	ppbV		100
46) heptane	12.980	43	149618	5.720	ppbV		100
47) cis-1,3-dichloropropene	14.250	75	100106	6.505	ppbV		99
48) 4-methyl-2-pentanone	13.667	43	175862	5.953	ppbV		99
49) trans-1,3-dichloropropene	13.625	75	126973	6.965	ppbV		100
50) 1,1,2-trichloroethane	14.450	97	90306	6.366	ppbV		98
52) toluene	14.767	91	271668	4.776	ppbV		99
54) 2-hexanone	15.050	43	160116	5.961	ppbV		98
55) dibromochloromethane	15.217	129	144920	7.037	ppbV		100
56) 1,2-dibromoethane	15.467	107	139257	6.376	ppbV		100
57) tetrachloroethene	15.942	166	143053	6.048	ppbV		99
58) 1,1,1,2-tetrachloroethane	16.583	131	102814	6.104	ppbV		98
59) chlorobenzene	16.600	112	245598	6.051	ppbV		99
60) ethylbenzene	16.950	91	332889	6.262	ppbV		99
61) m+p-xylene	17.117	91	556698	12.755	ppbV		99
62) bromoform	17.183	173	136028	7.058	ppbV		100
63) styrene	17.442	104	252731	6.527	ppbV		100
64) 1,1,2,2-tetrachloroethane	17.533	83	209749	6.468	ppbV		100
65) o-xylene	17.533	91	284610	6.386	ppbV		100
66) 1,2,3-Trichloropropane	17.650	75	160318	5.936	ppbV		99
68) isopropylbenzene	18.050	105	407109	5.785	ppbV		100
69) Bromobenzene	18.125	77	216939	5.612	ppbV		99
70) 4-ethyl toluene	18.608	105	432100	6.596	ppbV		100
71) 1,3,5-trimethylbenzene	18.667	105	382151	7.006	ppbV		100
72) tert-butylbenzene	19.008	119	372387	5.869	ppbV		100
73) 1,2,4-trimethylbenzene	19.017	105	376286	7.085	ppbV	#	89
74) Benzyl Chloride	19.133	91	212763	7.599	ppbV		97
75) 1,3-dichlorobenzene	19.150	146	277443	6.858	ppbV		98

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\
Data File : r322195_Ev2.D
Acq On : 18 May 2022 2:29 PM
Operator : AIRPIANO3:TS
Sample : WG1640149-2,3,250,250
Misc : WG1640149,ICAL19031
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 18 16:43:16 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 17:30:54 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\r322195_Ev2.D
Sub List : Default-LCS-AP2 - All compounds listed

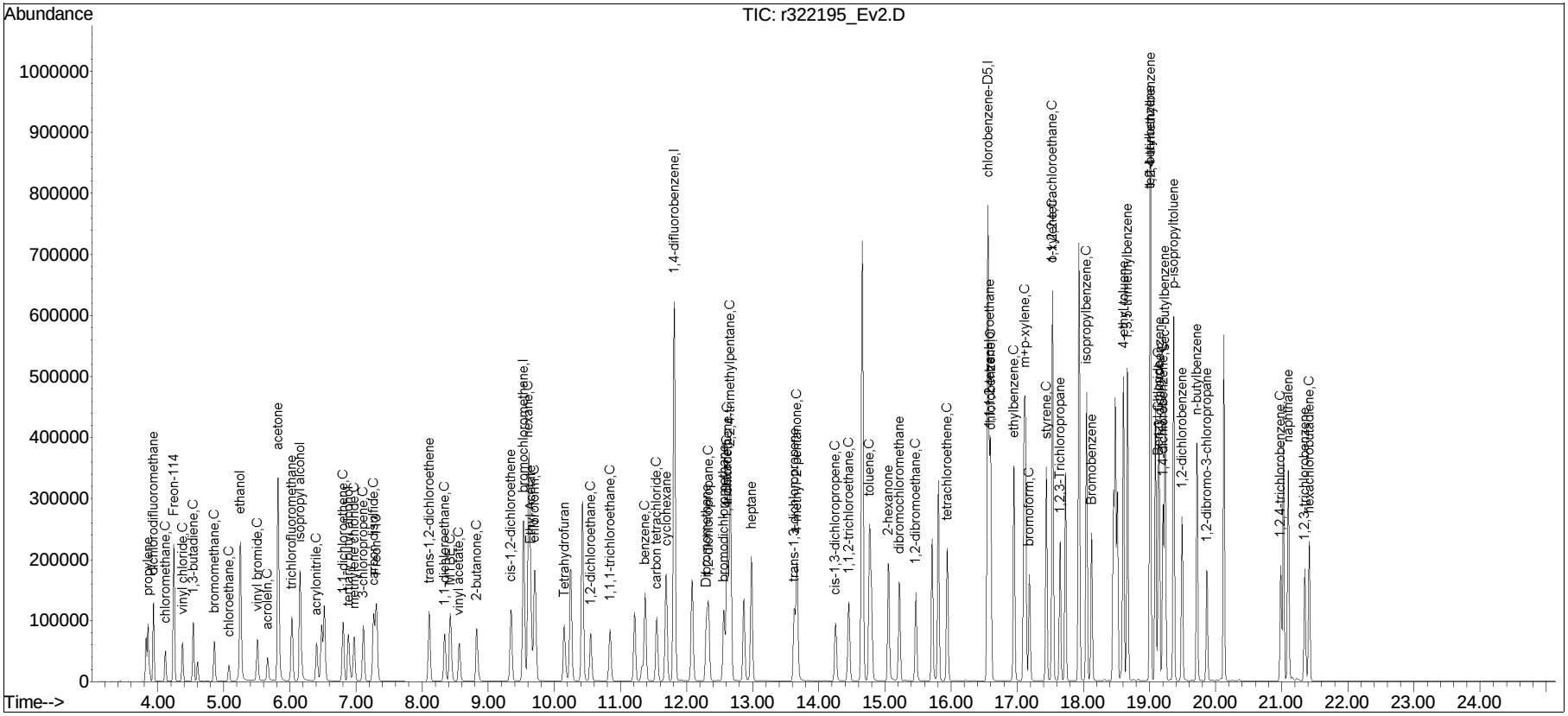
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
76) 1,4-dichlorobenzene	19.208	146	278846	6.790	ppbV	92
77) sec-butylbenzene	19.233	105	520080	5.786	ppbV	97
78) p-isopropyltoluene	19.367	119	417152	5.530	ppbV	98
79) 1,2-dichlorobenzene	19.492	146	260984	6.578	ppbV	93
80) n-butylbenzene	19.717	91	368257	5.901	ppbV	97
81) 1,2-dibromo-3-chloropr...	19.867	75	97577	6.971	ppbV	98
82) 1,2,4-trichlorobenzene	20.983	180	203910	6.605	ppbV	98
83) naphthalene	21.100	128	520133	6.437	ppbV	99
84) 1,2,3-trichlorobenzene	21.350	180	201484	6.335	ppbV	99
85) hexachlorobutadiene	21.417	225	194804	6.441	ppbV	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default-LCS-AP2 - All compounds listed18SIM\r322195_Ev2.D

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\
Data File : r322195_Ev2.D
Acq On : 18 May 2022 2:29 PM
Operator : AIRPIANO3:TS
Sample : WG1640149-2,3,250,250
Misc : WG1640149,ICAL19031
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 18 16:43:16 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 17:30:54 2022
Response via : Initial Calibration

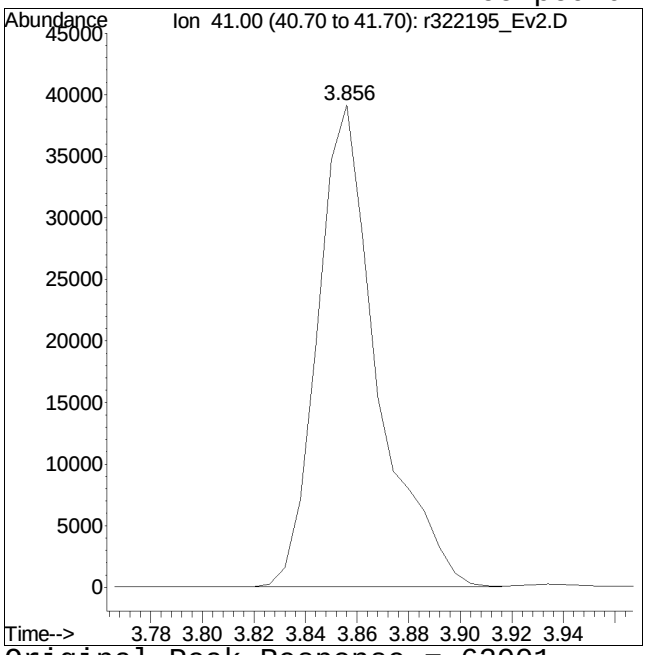


Manual Integration Report

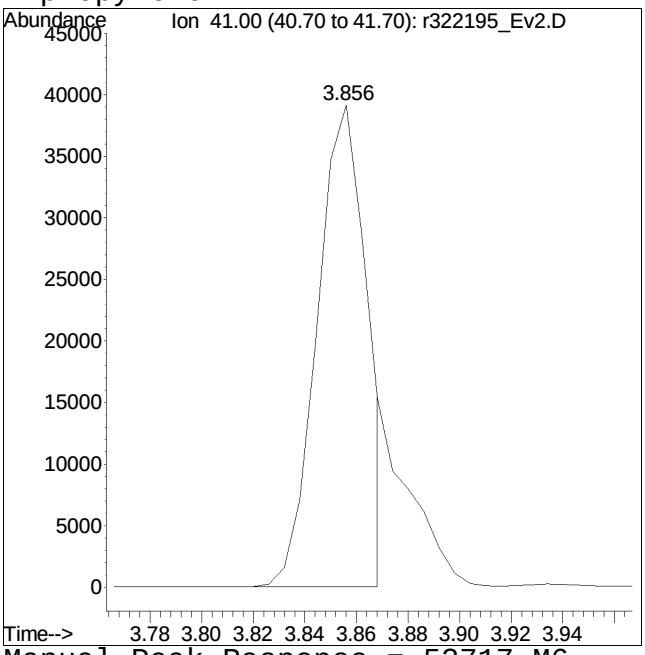
Data Path : O:\Forensics\Data\AirpianoQ
Data File : r322195_Ev2.D
Date Inj'd : 5/18/2020 0:2: 9
Sample : WG1640149-2,3,250,250

Method : TSIM3_220516.M
Operator : AIRPIANO3:TS
Instrument :
Quant Date : 5/18/2022 3:42 pm

Compound #2: propylene



Original Peak Response = 62901



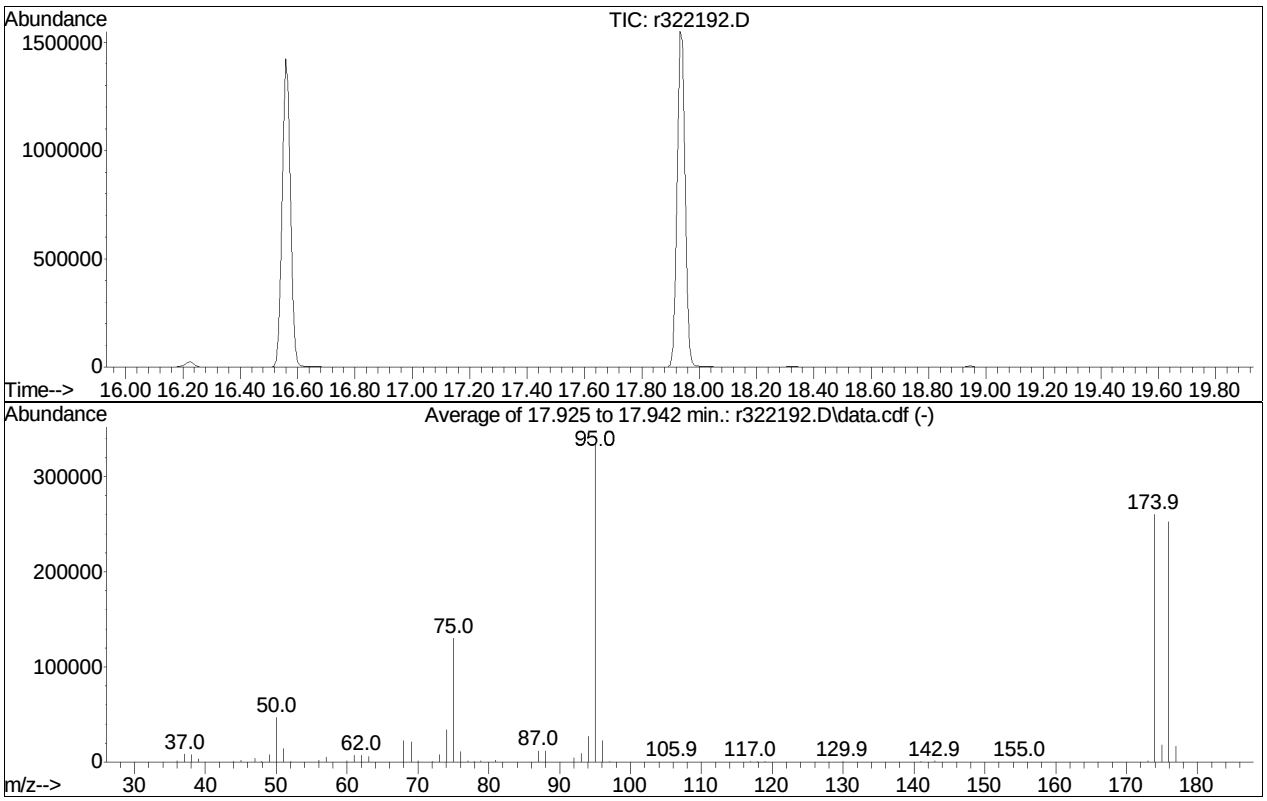
Manual Peak Response = 52717 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\
Data File : r322192.D
Acq On : 18 May 2022 12:23 PM
Operator : AIRPIANO3:TS
Sample : WG1640149-1,3,250,250
Misc : WG1640149,ICAL19031
ALS Vial : 0 Sample Multiplier: 1

Integration File: rteint.p

Method : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\TSIM3_220516.M
Title : TO-14A/TO-15 SIM/Full Scan Analysis
Last Update : Tue May 17 17:30:54 2022



Spectrum Information: Average of 17.925 to 17.942 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	14.1	47343	PASS
75	95	30	66	38.8	130380	PASS
95	95	100	100	100.0	335733	PASS
96	95	5	9	6.7	22599	PASS
173	174	0.00	2	0.6	1637	PASS
174	95	50	120	77.5	260295	PASS
175	174	4	9	7.1	18370	PASS
176	174	93	101	97.2	253053	PASS
177	176	5	9	6.6	16803	PASS

Volatiles Raw QC Data

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\
Data File : r322197_Ev2.D
Acq On : 18 May 2022 4:43 PM
Operator : AIRPIANO3:TS
Sample : WG1640149-4,3,250,250
Misc : WG1640149,ICAL19031
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 18 22:29:11 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 17:30:54 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\r322195_Ev2.D
Sub List : Default-LCS-AP2 - All compounds listed

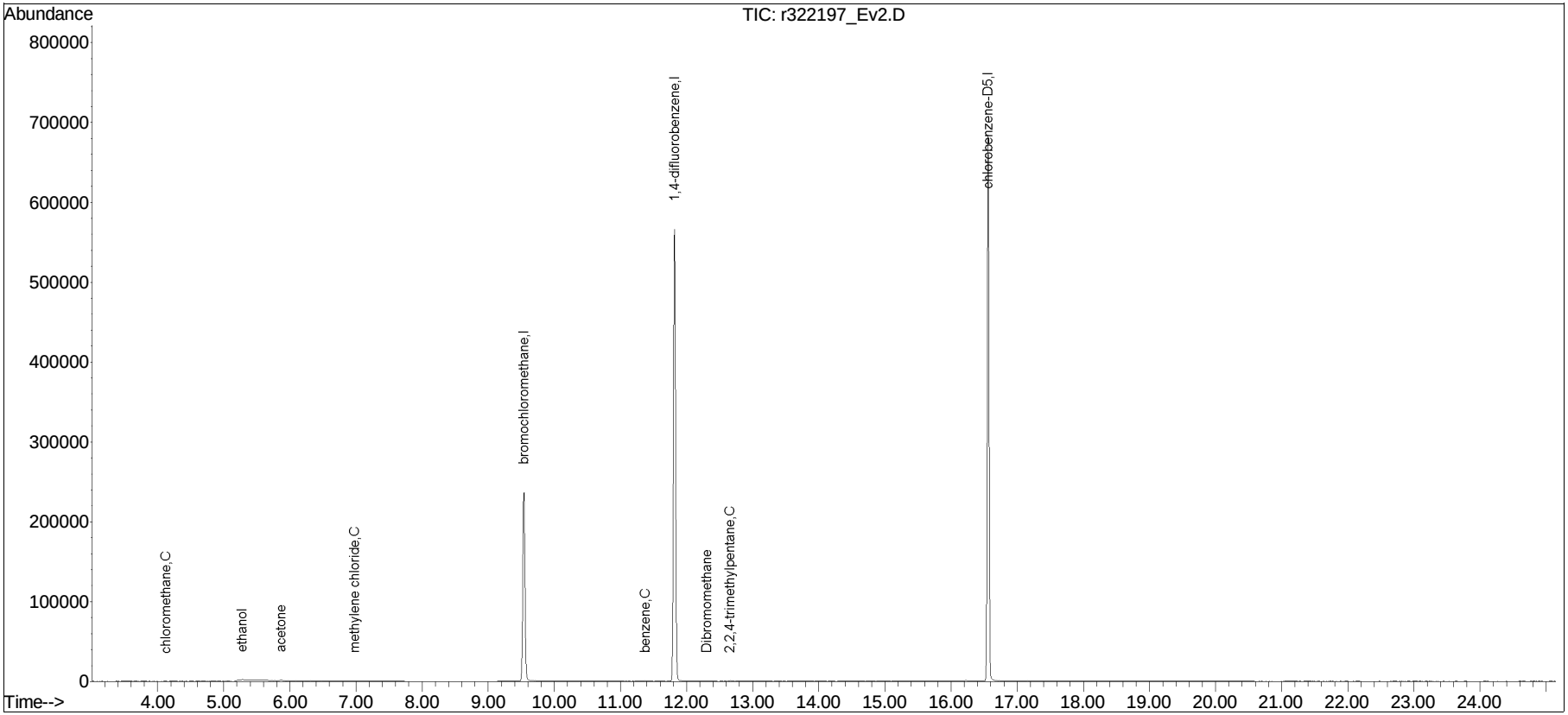
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.542	49	248280	10.000	ppbV	-0.02
Standard Area = 266528			Recovery =		93.15%	
33) 1,4-difluorobenzene	11.820	114	777502	10.000	ppbV	-0.02
Standard Area = 836058			Recovery =		93.00%	
51) chlorobenzene-D5	16.558	54	116717	10.000	ppbV	-0.02
Standard Area = 124605			Recovery =		93.67%	
System Monitoring Compounds						
Target Compounds						Qvalue
6) vinyl chloride	0.000		0	N.D.		
17) 1,1-dichloroethene	0.000		0	N.D.		
28) cis-1,2-dichloroethene	0.000		0	N.D.		
36) 1,1,1-trichloroethane	0.000		0	N.D.		
38) carbon tetrachloride	0.000		0	N.D.		
44) trichloroethene	0.000		0	N.D.		
57) tetrachloroethene	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default-LCS-AP2 - All compounds listed18SIM\r322195_Ev2.D

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\
Data File : r322197_Ev2.D
Acq On : 18 May 2022 4:43 PM
Operator : AIRPIANO3:TS
Sample : WG1640149-4,3,250,250
Misc : WG1640149,ICAL19031
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 18 22:29:11 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 17:30:54 2022
Response via : Initial Calibration



Manual Integration Report

Data Path	: O:\Forensics\Data\Airpiano	QMethod	: TSIM3_220516.M
Data File	: r322197_Ev2.D	Operator	: AIRPIANO3:TS
Date Inj'd	: 5/18/2020 0:4: 3	Instrument	:
Sample	: WG1640149-4,3,250,250	Quant Date	: 5/18/2022 10:28 pm

There are no manual integrations or false positives in this file.

Evaluate Continuing Calibration Report

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\
Data File : r322195_Ev2.D
Acq On : 18 May 2022 2:29 PM
Operator : AIRPIANO3:TS
Sample : WG1640149-3,3,250,250
Misc : WG1640149,ICAL19031
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 18 16:43:16 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 17:30:54 2022
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	bromochloromethane	10.000	10.000	0.0	107	-0.03
2		propylene	5.000	5.197	-3.9	150	-0.01
3		dichlorodifluoromethane	5.000	5.587	-11.7	144	-0.01
4	C	chloromethane	5.000	5.290	-5.8	145	-0.01
5		Freon-114	5.000	5.949	-19.0	149	-0.02
6	C	vinyl chloride	5.000	6.255	-25.1	153	-0.02
7	C	1,3-butadiene	5.000	6.472	-29.4	160	-0.02
8	C	bromomethane	5.000	5.502	-10.0	152	-0.02
9	C	chloroethane	5.000	5.524	-10.5	153	-0.02
10		ethanol	25.000	25.641	-2.6	140	-0.02
11	C	vinyl bromide	5.000	5.582	-11.6	149	-0.02
12	C	acrolein	5.000	1.998	60.0#	134	-0.02
13		acetone	25.000	26.700	-6.8	157	-0.03
14		trichlorofluoromethane	5.000	4.955	0.9	150	-0.02
15		isopropyl alcohol	12.500	15.840	-26.7	169	-0.03
16	C	acrylonitrile	5.000	5.386	-7.7	152	-0.03
17	C	1,1-dichloroethene	5.000	6.449	-29.0	155	-0.02
18		tertiary butyl alcohol	5.000	6.267	-25.3	166	-0.03
19	C	methylene chloride	5.000	4.661	6.8	123	-0.02
20	C	3-chloropropene	5.000	6.259	-25.2	167	-0.02
21	C	carbon disulfide	5.000	5.391	-7.8	144	-0.02
22		Freon 113	5.000	5.685	-13.7	154	-0.02
23		trans-1,2-dichloroethene	5.000	5.906	-18.1	149	-0.03
24	C	1,1-dichloroethane	5.000	6.153	-23.1	153	-0.03
25	C	MTBE	5.000	6.571	-31.4#	157	-0.02
26	C	vinyl acetate	5.000	5.326	-6.5	153	-0.03
27	C	2-butanone	5.000	5.216	-4.3	151	-0.03
28		cis-1,2-dichloroethene	5.000	6.309	-26.2	156	-0.03
29		Ethyl Acetate	5.000	6.030	-20.6	162	-0.02
30	C	chloroform	5.000	6.175	-23.5	155	-0.03
31		Tetrahydrofuran	5.000	5.667	-13.3	152	-0.03
32	C	1,2-dichloroethane	5.000	5.733	-14.7	149	-0.02
33	I	1,4-difluorobenzene	10.000	10.000	0.0	106	-0.03
34	C	hexane	5.000	5.595	-11.9	149	-0.03
36	C	1,1,1-trichloroethane	5.000	6.209	-24.2	157	-0.03
37	C	benzene	5.000	4.667	6.7	150	-0.03
38	C	carbon tetrachloride	5.000	6.100	-22.0	162	-0.03
39		cyclohexane	5.000	5.777	-15.5	155	-0.02

Evaluate Continuing Calibration Report

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\
Data File : r322195_Ev2.D
Acq On : 18 May 2022 2:29 PM
Operator : AIRPIANO3:TS
Sample : WG1640149-3,3,250,250
Misc : WG1640149,ICAL19031
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 18 16:43:16 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 17:30:54 2022
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
40		Dibromomethane	5.000	5.108	-2.2	143	-0.02
41	C	1,2-dichloropropane	5.000	6.069	-21.4	154	-0.02
42		bromodichloromethane	5.000	6.326	-26.5	158	-0.03
43	C	1,4-dioxane	5.000	6.011	-20.2	162	-0.03
44	C	trichloroethene	5.000	6.252	-25.0	153	-0.03
45	C	2,2,4-trimethylpentane	5.000	5.895	-17.9	161	-0.03
46		heptane	5.000	5.720	-14.4	154	-0.03
47	C	cis-1,3-dichloropropene	5.000	6.505	-30.1#	142	-0.03
48	C	4-methyl-2-pentanone	5.000	5.953	-19.1	154	-0.03
49		trans-1,3-dichloropropene	5.000	6.965	-39.3#	165	-0.03
50	C	1,1,2-trichloroethane	5.000	6.366	-27.3	155	-0.03
51	I	chlorobenzene-D5	10.000	10.000	0.0	103	-0.02
52	C	toluene	5.000	4.776	4.5	150	-0.02
54		2-hexanone	5.000	5.961	-19.2	148	-0.02
55		dibromochloromethane	5.000	7.037	-40.7#	161	-0.03
56	C	1,2-dibromoethane	5.000	6.376	-27.5	151	-0.02
57	C	tetrachloroethene	5.000	6.048	-21.0	151	-0.02
58		1,1,1,2-tetrachloroethane	5.000	6.104	-22.1	146	-0.02
59	C	chlorobenzene	5.000	6.051	-21.0	152	-0.02
60	C	ethylbenzene	5.000	6.262	-25.2	152	-0.02
61	C	m+p-xylene	10.000	12.755	-27.6	150	-0.02
62	C	bromoform	5.000	7.058	-41.2#	163	-0.02
63	C	styrene	5.000	6.527	-30.5#	151	-0.02
64	C	1,1,2,2-tetrachloroethane	5.000	6.468	-29.4	153	-0.02
65	C	o-xylene	5.000	6.386	-27.7	152	-0.02
66		1,2,3-Trichloropropane	5.000	5.936	-18.7	140	-0.02
68	C	isopropylbenzene	5.000	5.785	-15.7	147	-0.02
69		Bromobenzene	5.000	5.612	-12.2	144	-0.02
70		4-ethyl toluene	5.000	6.596	-31.9#	147	0.00
71		1,3,5-trimethylbenzene	5.000	7.006	-40.1#	151	0.00
72		tert-butylbenzene	5.000	5.869	-17.4	142	0.00
73		1,2,4-trimethylbenzene	5.000	7.085	-41.7#	152	0.02
74	C	Benzyl Chloride	5.000	7.599	-52.0#	174	0.02
75		1,3-dichlorobenzene	5.000	6.858	-37.2#	149	0.02
76	C	1,4-dichlorobenzene	5.000	6.790	-35.8#	148	0.02
77		sec-butylbenzene	5.000	5.786	-15.7	141	0.02
78		p-isopropyltoluene	5.000	5.530	-10.6	131	0.03
79		1,2-dichlorobenzene	5.000	6.578	-31.6#	151	0.03

Evaluate Continuing Calibration Report

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\
Data File : r322195_Ev2.D
Acq On : 18 May 2022 2:29 PM
Operator : AIRPIANO3:TS
Sample : WG1640149-3,3,250,250
Misc : WG1640149,ICAL19031
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 18 16:43:16 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 17:30:54 2022
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
80	n-butylbenzene	5.000	5.901	-18.0	142	0.04
81	1,2-dibromo-3-chloropropane	5.000	6.971	-39.4#	143	0.04
82 C	1,2,4-trichlorobenzene	5.000	6.605	-32.1#	145	0.04
83	naphthalene	5.000	6.437	-28.7	140	0.05
84	1,2,3-trichlorobenzene	5.000	6.335	-26.7	141	0.04
85 C	hexachlorobutadiene	5.000	6.441	-28.8	146	0.04

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 8

Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\
Data File : r322195_Ev2.D
Acq On : 18 May 2022 2:29 PM
Operator : AIRPIANO3:TS
Sample : WG1640149-3,3,250,250
Misc : WG1640149,ICAL19031
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 18 16:43:16 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 17:30:54 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\r322195_Ev2.D
Sub List : Default-LCS-AP2 - All compounds listed

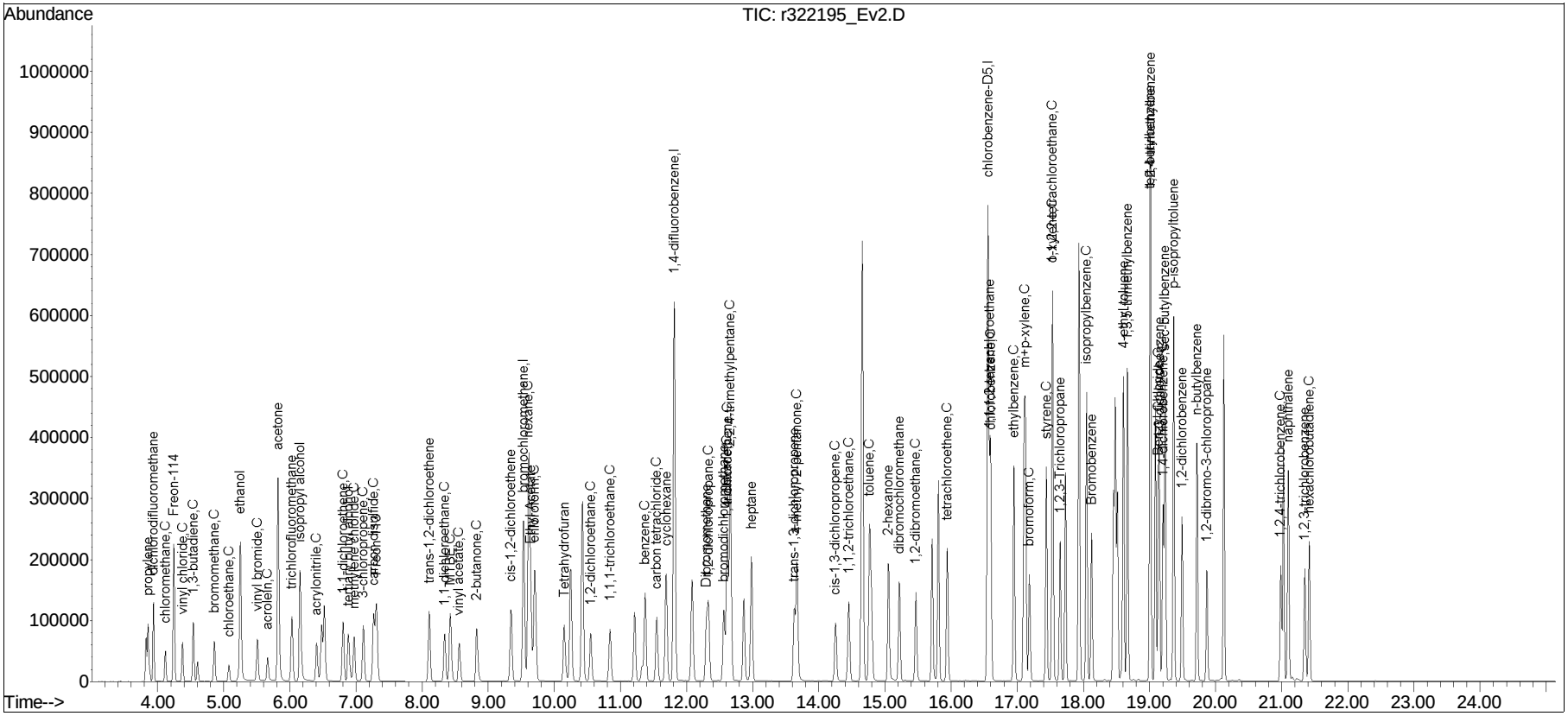
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.533	49	266528	10.000	ppbV	-0.03
Standard Area = 266528			Recovery = 100.00%			
33) 1,4-difluorobenzene	11.813	114	836058	10.000	ppbV	-0.03
Standard Area = 836058			Recovery = 100.00%			
51) chlorobenzene-D5	16.558	54	124605	10.000	ppbV	-0.02
Standard Area = 124605			Recovery = 100.00%			
System Monitoring Compounds						
Target Compounds						Qvalue
6) vinyl chloride	4.378	62	76194	6.255	ppbV	100
17) 1,1-dichloroethene	6.806	61	98970	6.449	ppbV	100
28) cis-1,2-dichloroethene	9.342	61	90864	6.309	ppbV	99
36) 1,1,1-trichloroethane	10.842	97	104493	6.209	ppbV	99
38) carbon tetrachloride	11.547	117	105042	6.100	ppbV	95
44) trichloroethene	12.613	130	113490	6.252	ppbV	96
57) tetrachloroethene	15.942	166	143053	6.048	ppbV	99

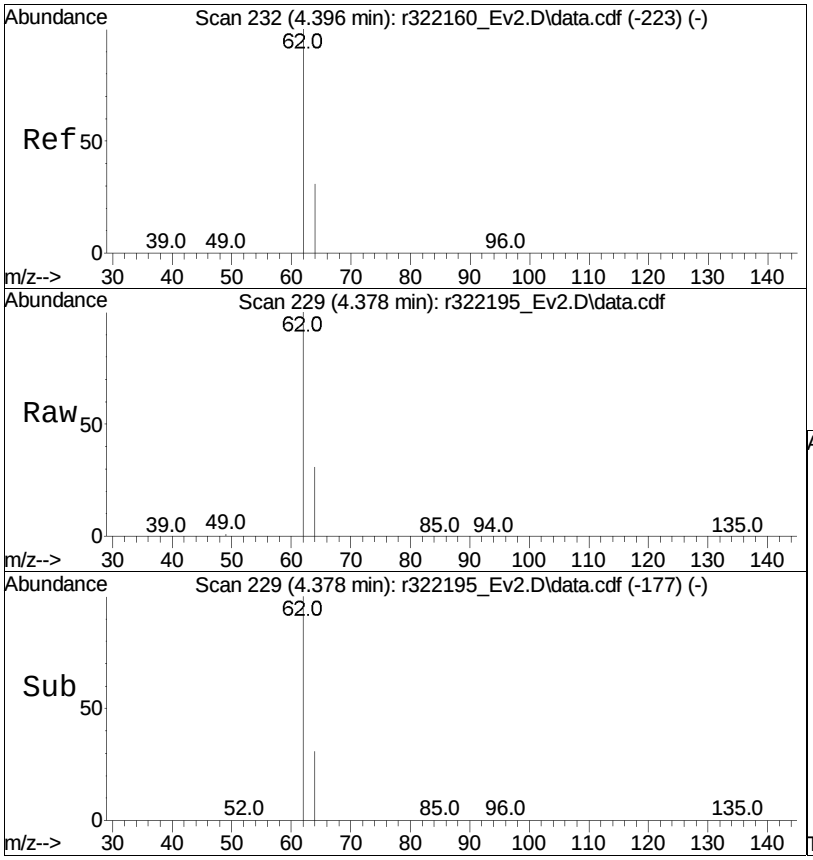
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : Default-LCS-AP2 - All compounds listed18SIM\r322195_Ev2.D

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\
Data File : r322195_Ev2.D
Acq On : 18 May 2022 2:29 PM
Operator : AIRPIANO3:TS
Sample : WG1640149-3,3,250,250
Misc : WG1640149,ICAL19031
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 18 16:43:16 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 17:30:54 2022
Response via : Initial Calibration

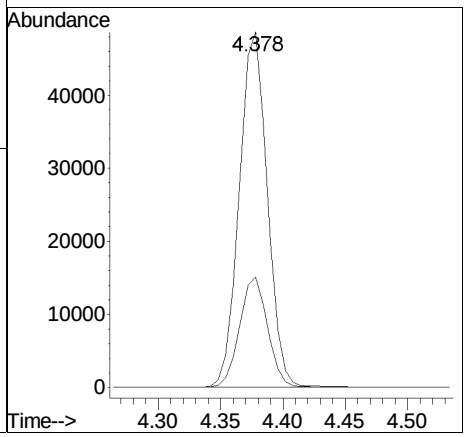


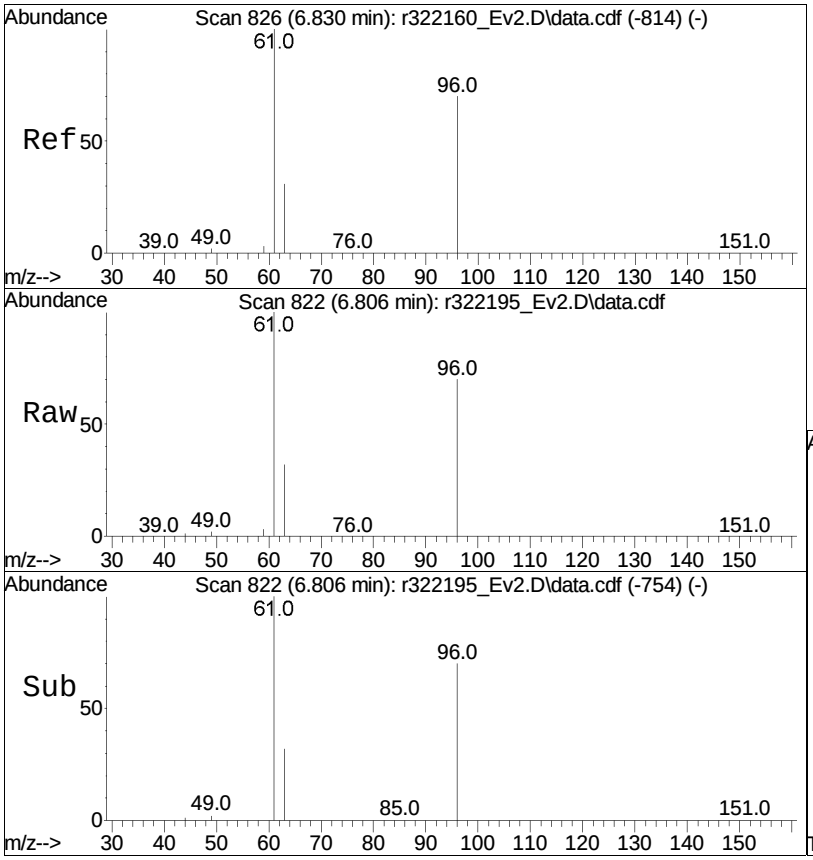


#6
vinyl chloride
Concen: 6.25 ppbV
RT: 4.378 min Scan# 229
Delta R.T. -0.018 min
Lab File: r322195_Ev2.D
Acq: 18 May 2022 2:29 PM

Tgt Ion: 62 Resp: 76194

Ion	Ratio	Lower	Upper
62	100		
64	31.0	24.7	37.1

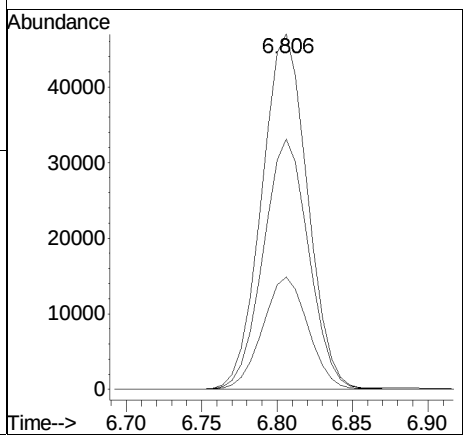


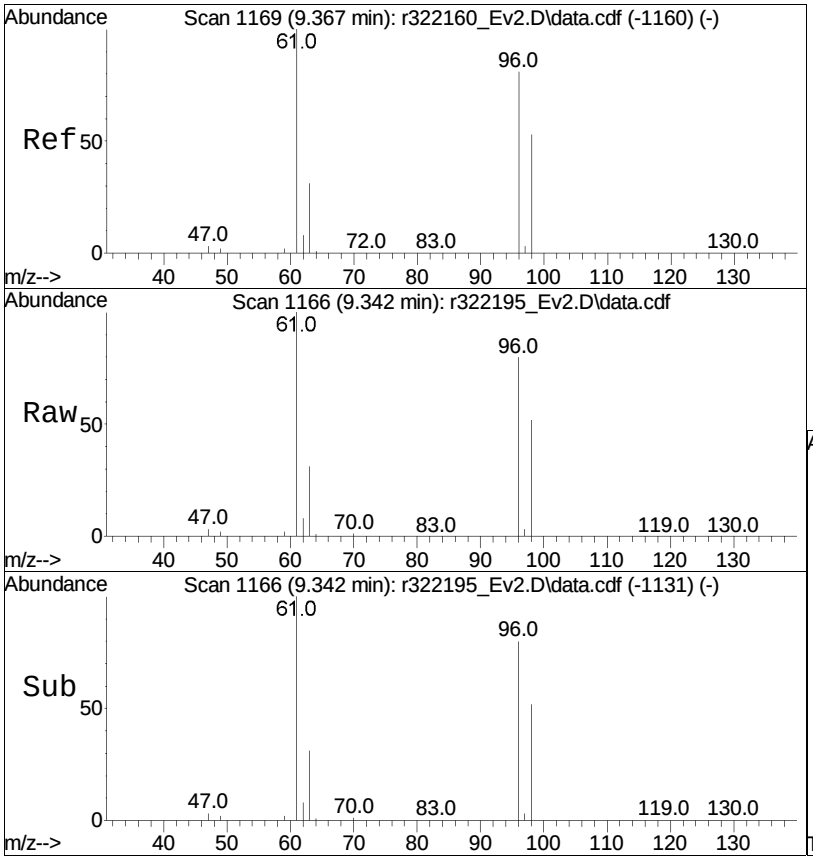


#17
1,1-dichloroethene
Concen: 6.45 ppbV
RT: 6.806 min Scan# 822
Delta R.T. -0.024 min
Lab File: r322195_Ev2.D
Acq: 18 May 2022 2:29 PM

Tgt Ion: 61 Resp: 98970

Ion	Ratio	Lower	Upper
61	100		
96	70.5	56.3	84.5
63	31.6	25.1	37.7

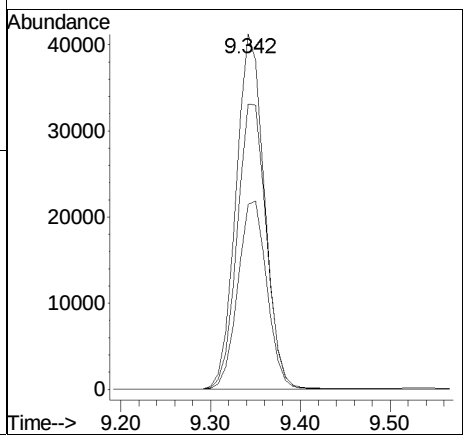


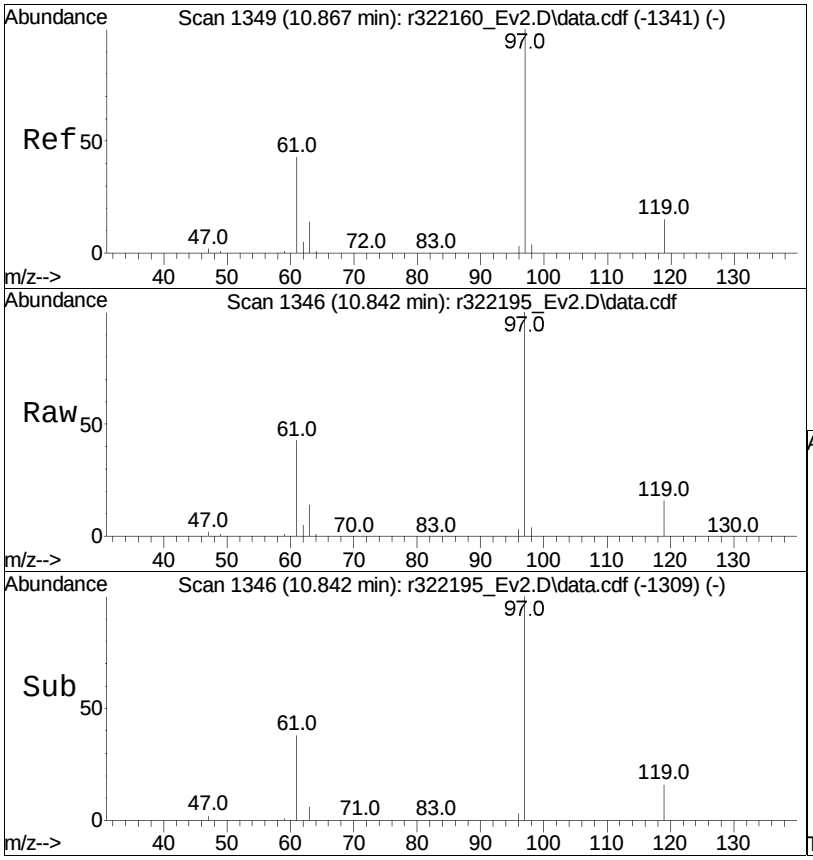


#28
cis-1,2-dichloroethene
Concen: 6.31 ppbV
RT: 9.342 min Scan# 1166
Delta R.T. -0.025 min
Lab File: r322195_Ev2.D
Acq: 18 May 2022 2:29 PM

Tgt Ion: 61 Resp: 90864

Ion	Ratio	Lower	Upper
61	100		
96	80.4	65.0	97.4
98	52.1	42.9	64.3

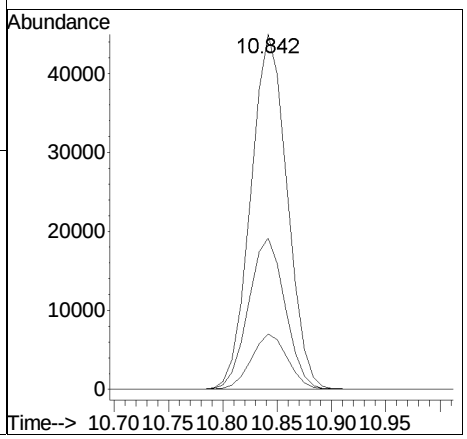


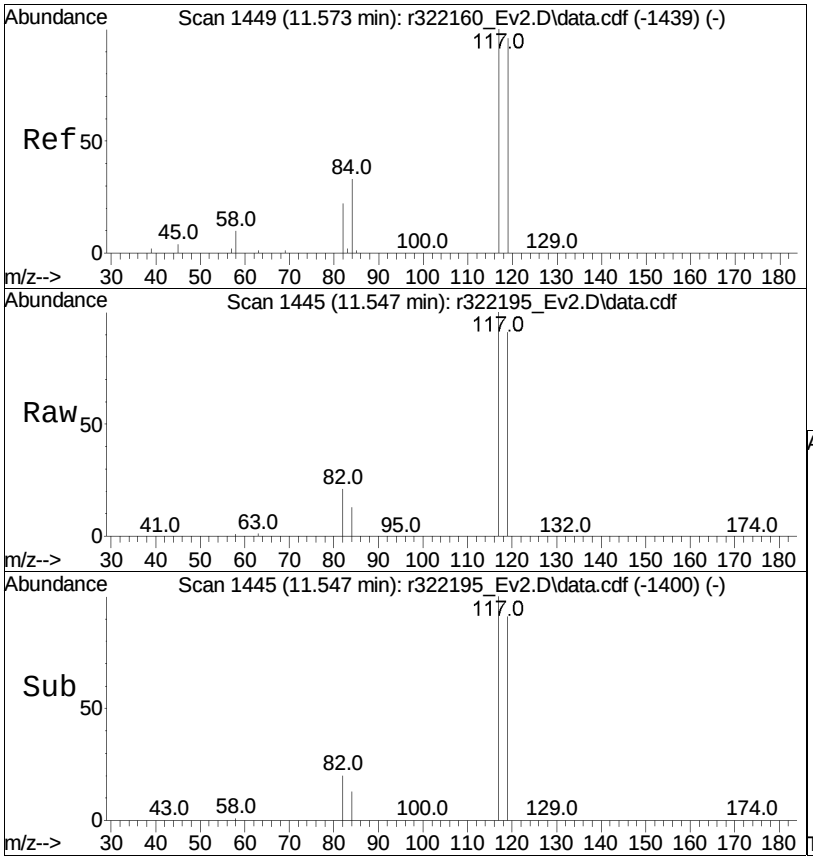


#36
1,1,1-trichloroethane
Concen: 6.21 ppbV
RT: 10.842 min Scan# 1346
Delta R.T. -0.025 min
Lab File: r322195_Ev2.D
Acq: 18 May 2022 2:29 PM

Tgt Ion: 97 Resp: 104493

Ion	Ratio	Lower	Upper
97	100		
61	42.6	34.4	51.6
119	15.6	12.2	18.4

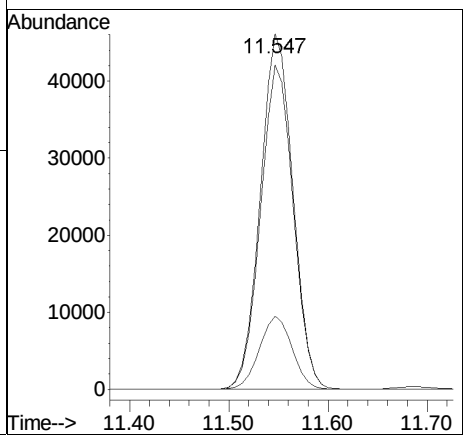


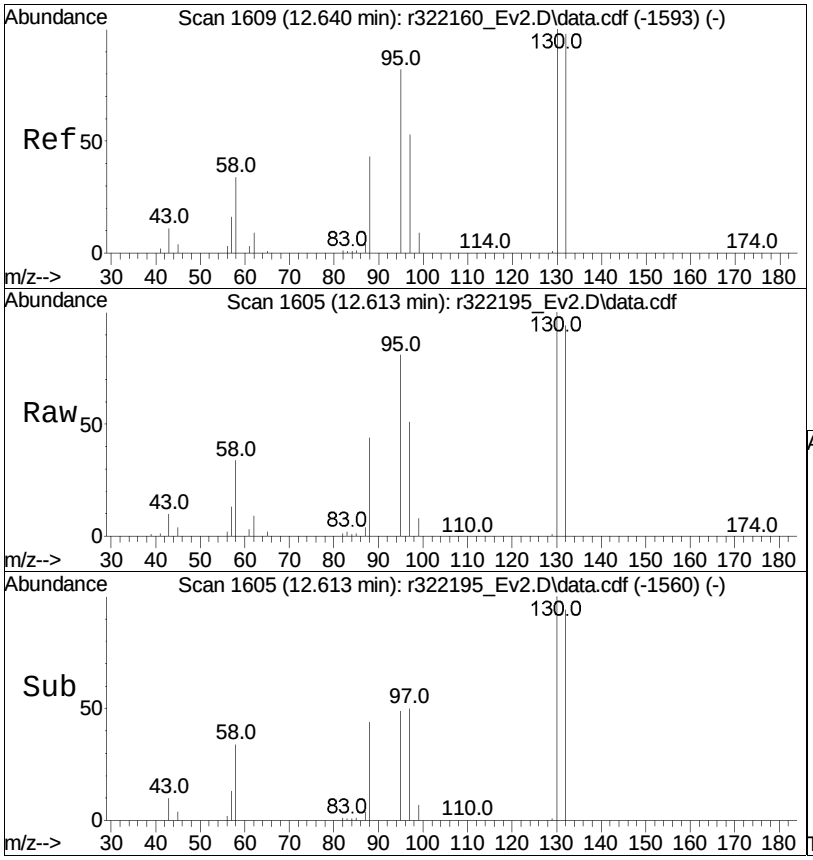


#38
carbon tetrachloride
Concen: 6.10 ppbV
RT: 11.547 min Scan# 1445
Delta R.T. -0.027 min
Lab File: r322195_Ev2.D
Acq: 18 May 2022 2:29 PM

Tgt Ion:117 Resp: 105042

Ion	Ratio	Lower	Upper
117	100		
119	91.3	77.0	115.4
82	20.6	17.8	26.8

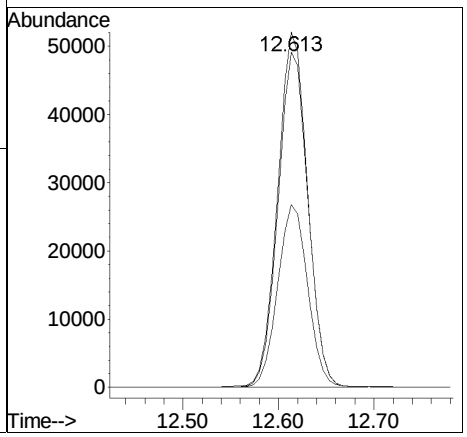


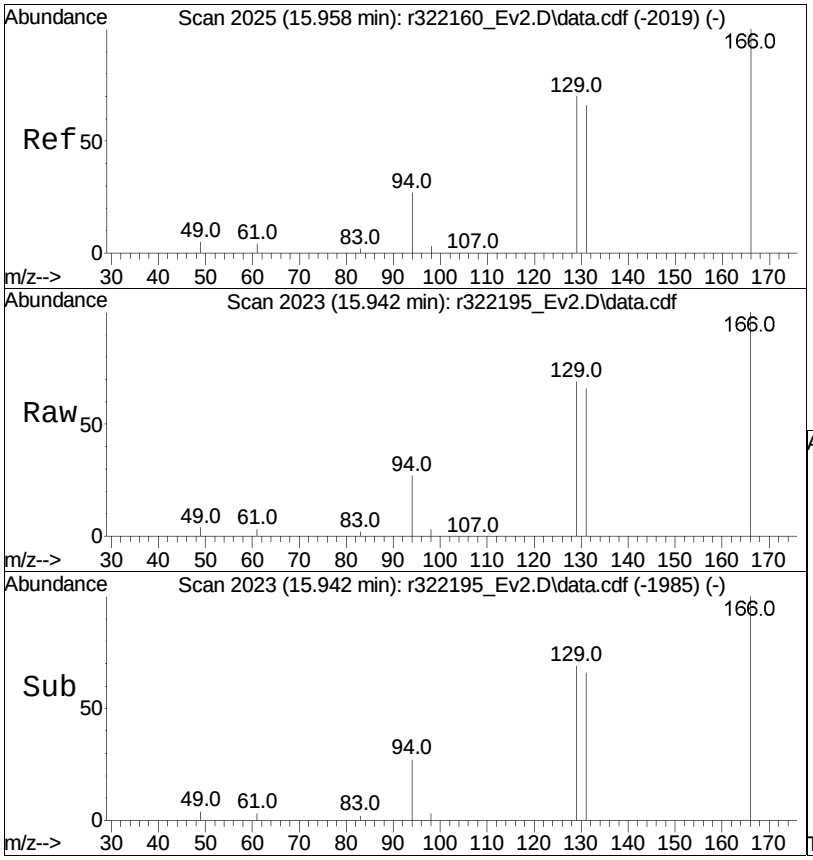


#44
trichloroethene
Concen: 6.25 ppbV
RT: 12.613 min Scan# 1605
Delta R.T. -0.027 min
Lab File: r322195_Ev2.D
Acq: 18 May 2022 2:29 PM

Tgt Ion:130 Resp: 113490

Ion	Ratio	Lower	Upper
130	100		
132	94.4	78.7	118.1
97	51.4	42.6	64.0

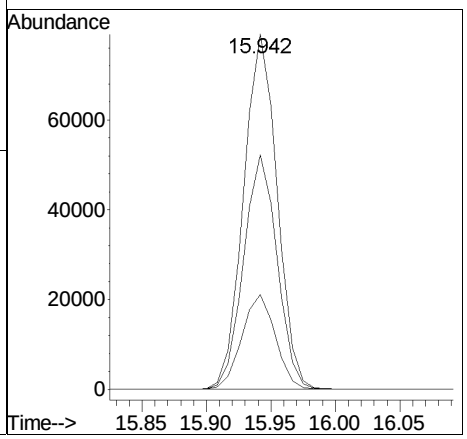




#57
tetrachloroethene
Concen: 6.05 ppbV
RT: 15.942 min Scan# 2023
Delta R.T. -0.017 min
Lab File: r322195_Ev2.D
Acq: 18 May 2022 2:29 PM

Tgt Ion:166 Resp: 143053

Ion	Ratio	Lower	Upper
166	100		
131	66.0	53.0	79.4
94	26.7	22.0	33.0



Quantitation Report (QT Reviewed)

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\
Data File : r322207_Ev2.D
Acq On : 19 May 2022 12:26 AM
Operator : AIRPIANO3:TS
Sample : WG1640149-5,3,250,250
Misc : WG1640149,ICAL19031
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 19 17:19:42 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 17:30:54 2022
Response via : Initial Calibration

CCAL FILE : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\r322195_Ev2.D
Sub List : 7-NY-SIM - .

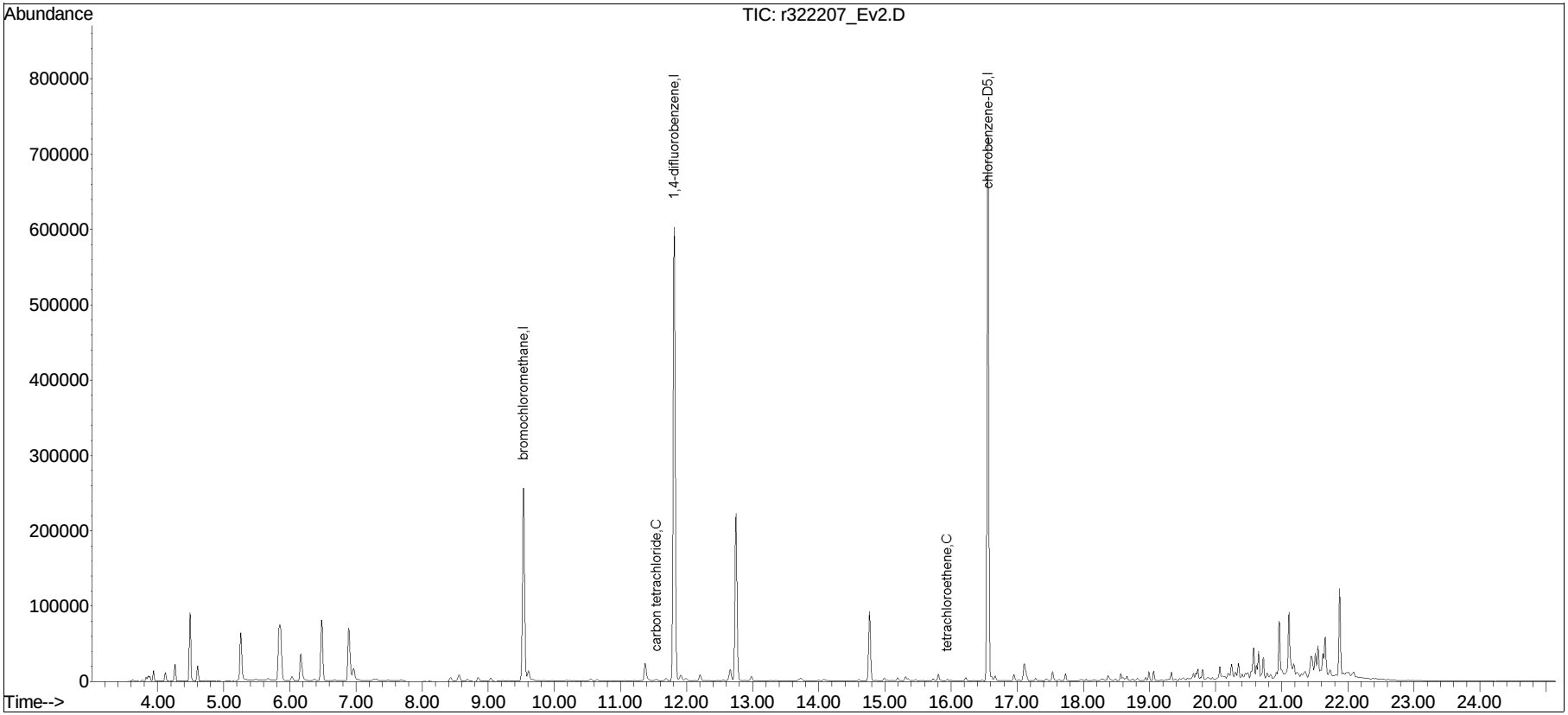
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) bromochloromethane	9.533	49	259534	10.000	ppbV	-0.03
Standard Area = 266528			Recovery =		97.38%	
33) 1,4-difluorobenzene	11.813	114	818741	10.000	ppbV	-0.03
Standard Area = 836058			Recovery =		97.93%	
51) chlorobenzene-D5	16.558	54	122354	10.000	ppbV	-0.02
Standard Area = 124605			Recovery =		98.19%	
System Monitoring Compounds						
Target Compounds						Qvalue
6) vinyl chloride	0.000		0	N.D.		
17) 1,1-dichloroethene	0.000		0	N.D.	d	
28) cis-1,2-dichloroethene	0.000		0	N.D.		
36) 1,1,1-trichloroethane	0.000		0	N.D.		
38) carbon tetrachloride	11.547	117	1649	0.098	ppbV	94
44) trichloroethene	12.613		0	N.D.		
57) tetrachloroethene	15.942	166	1583	0.068	ppbV	98

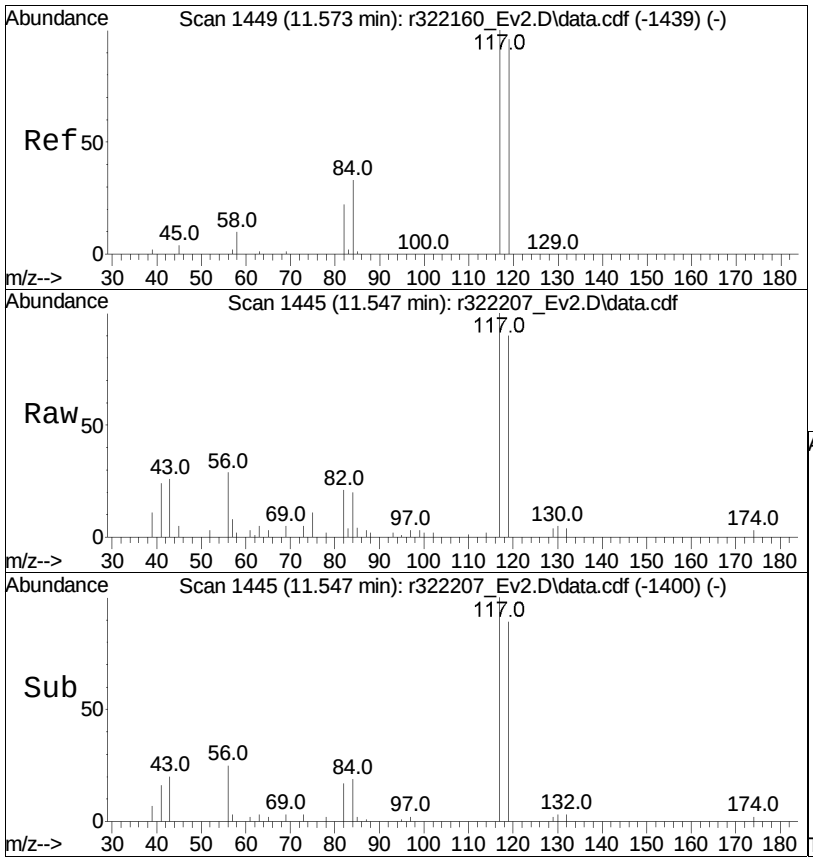
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Sub List : 7-NY-SIM - .\Data\Airpiano3\2022\05\0518SIM\r322195_Ev2.D

Data Path : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\
Data File : r322207_Ev2.D
Acq On : 19 May 2022 12:26 AM
Operator : AIRPIANO3:TS
Sample : WG1640149-5,3,250,250
Misc : WG1640149,ICAL19031
ALS Vial : 0 Sample Multiplier: 1

Quant Time: May 19 17:19:42 2022
Quant Method : O:\Forensics\Data\Airpiano3\2022\05\0518SIM\TSIM3_220516.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Tue May 17 17:30:54 2022
Response via : Initial Calibration

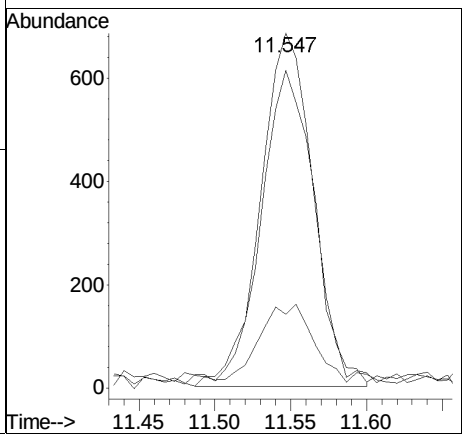


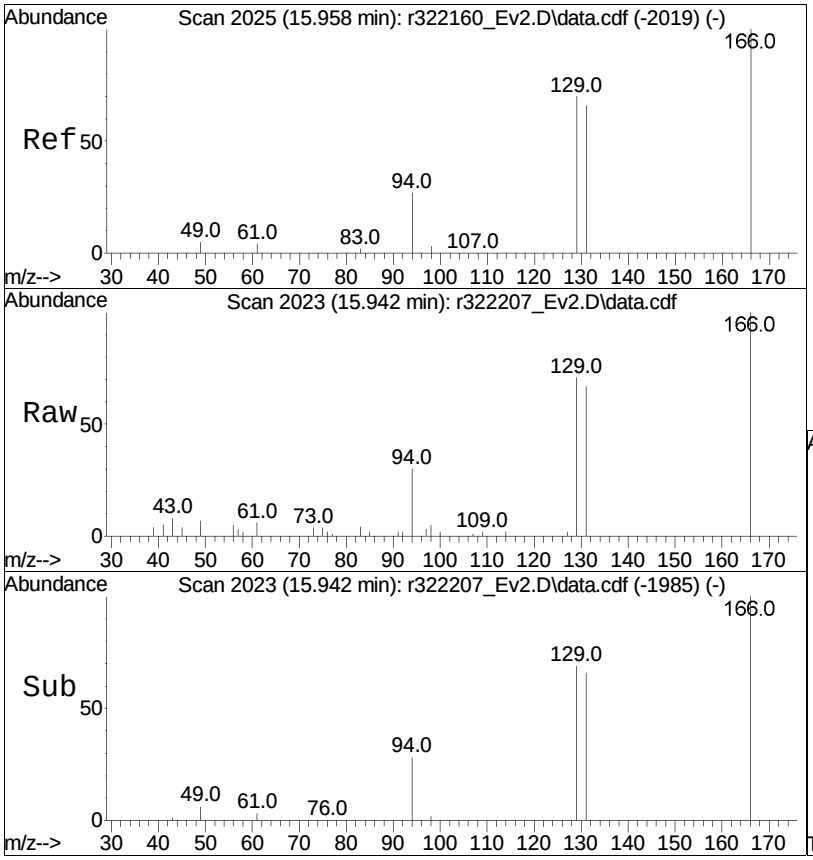


#38
carbon tetrachloride
Concen: 0.10 ppbV
RT: 11.547 min Scan# 1445
Delta R.T. -0.027 min
Lab File: r322207_Ev2.D
Acq: 19 May 2022 12:26 AM

Tgt Ion:117 Resp: 1649

Ion	Ratio	Lower	Upper
117	100		
119	89.5	77.0	115.4
82	20.8	17.8	26.8

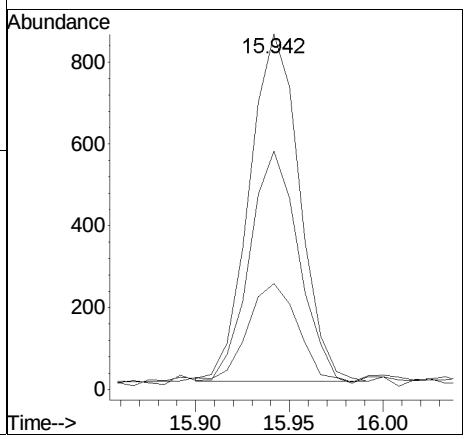




#57
tetrachloroethene
Concen: 0.07 ppbV
RT: 15.942 min Scan# 2023
Delta R.T. -0.017 min
Lab File: r322207_Ev2.D
Acq: 19 May 2022 12:26 AM

Tgt Ion:166 Resp: 1583

Ion	Ratio	Lower	Upper
166	100		
131	67.1	53.0	79.4
94	29.8	22.0	33.0



Manual Integration Report

Data Path	: O:\Forensics\Data\Airpiano	QMethod	: TSIM3_220516.M
Data File	: r322207_Ev2.D	Operator	: AIRPIANO3:TS
Date Inj'd	: 5/19/2020 0:2: 6	Instrument	:
Sample	: WG1640149-5,3,250,250	Quant Date	: 5/19/2022 9:05 am

There are no manual integrations or false positives in this file.

Calculation of Volatile Organic Compounds in Air

The instrument will calculate the concentration (ppbv). If the sample is diluted (DF), the result is multiplied by the DF to generate the final result.

Result, ppbv = C_s x DF
Where:
C_s = Concentration of sample (ppbv)
DF = Dilution Factor

Calculation of Instrument Dilution Factor

For dilutions, smaller sample volumes (< 250mL) are analyzed. The smallest volume that can be analyzed with accuracy is 10 mL.

Samples that arrive at the laboratory with pressures below -15 inches Hg must be pressurized with zero air to greater than -15 inches Hg. This pressurization results in a dilution factor.

Calculation of Dilution Factor
$DF = V_{cf} / V_{ci}$
Where:
V_{ci} = volume of air in canister prior to pressurization, L
P =

Conversion of ppbv to ug/m^3
ug/m^3 = (ppbv) * MW / 24.47
Where:
24.47 = molar gas constant (g/g-mole)
MW = molecular weight of the compound of interest

Dilution Factor for Pressurization of Subatmospheric Samples: Three Steps

Step 1: Calculate the volume in the canister prior to pressurization (Assume a 2.7 liter canister is used).

Dilution Factor for Pressurization of Subatmospheric Samples: Three Steps

Step 1: Calculate the volume in the canister prior to pressurization (Assume a 2.7 liter canister is used).

$V_{ci} = 2.7 * Pl/14.696$

Step 2: Calculate the volume in the canister after pressurization.

$V_{cf} = 2.7 * PF/14.696$

Step 3: Calculate the dilution factor.

$DF = V_{cf} / V_{ci}$

Where:

V_{ci} = volume of air in canister prior to pressurization, L
PI = pressure reading of canister prior to pressurization (psia)
V_{cf} = volume of air in canister after pressurization, L
PF = pressure reading of canister after pressurization (psia)
DF = dilution factor
14.696 = atmospheric pressure (psia)

ALPHA ANALYTICAL LABORATORIES, INC.

Alpha WORK GROUP REPORT (wk02)

May 20 2022, 10:32 am

Work Group: WG1640149 for Department: 3 GC/MS

Created: 18-MAY-22 Due: Operator: JB

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2224240-06	VTX-AA-1	S	TO15-SIM	AIR	DONE	U	0605	0519	1D	Can-6
L2225019-07	BARKER-IA-B07	S	TO15-SIM	AIR	DONE	U	0610	0518	2E	Can-6
L2225019-08	BARKER-AA-01	S	TO15-SIM	AIR	DONE	U	0610	0518	2E	Can-6
L2225590-06	IA01	S	TO15-SIM	AIR	DONE	U	0611	0520	2E	Can-6
L2225590-07	IA02	S	TO15-SIM	AIR	DONE	U	0611	0520	2E	Can-6
L2225590-08	IA03	S	TO15-SIM	AIR	DONE	U	0611	0520	2E	Can-6
L2225590-09	IA04	S	TO15-SIM	AIR	DONE	U	0611	0520	2E	Can-6
L2225590-10	IA05	S	TO15-SIM	AIR	DONE	U	0611	0520	2E	Can-6
L2225590-11	AA01	S	TO15-SIM	AIR	DONE	U	0611	0520	2E	Can-6
WG1640149-1	MS BFB Tune Standard	S	TO15-SIM	AIR	DONE	U				
WG1640149-2	Continuing Calibrati	S	TO15-SIM	AIR	DONE	U				
WG1640149-3	Laboratory Control S	S	TO15-SIM	AIR	DONE	U				
WG1640149-4	Laboratory Method Bl	S	TO15-SIM	AIR	DONE	U				
WG1640149-5	Duplicate Sample	S	TO15-SIM	AIR	DONE	U				

Comments:

WG1640149-5 L2225590-10

Alpha Analytical Air Lab
Instrument Run Log

nt ID:	Airpiano3	Internal Standard/Surrogate IDs:	SS20-028 / SS21-026
Date:	05/16/22	Internal Standard/Surrogate Volume:	100 ml
Initials:	AR	Sequence File Name:	220516.S

AS Position #	Sample ID	Acquisition Method	Data File ID	Standard ID or Batch ID #, ICAL Ref #	Comment (s)	Product/ sublist	Leak Check Pass ? Y/N
1	BA3051601	TO15_SFS.qgm	R322150.qgd	250 mL			NA
1	BA3051602	TO15_SFS.qgm	R322151.qgd	250 mL			NA
1	BA3051603	TO15_SFS.qgm	R322152.qgd	250 mL			NA
1	TA3051601	TO15_SFS.qgm	R322153.qgd	250 mL	TUNE		NA
5	ITO15-SIMSTD0.02	TO15_SFS.qgm	R322154.qgd	50 mL SS21-036D	SIM ONLY	DEF	NA
5	ITO15-SIMSTD0.05	TO15_SFS.qgm	R322155.qgd	125 mL SS21-036D	SIM ONLY	DEF	NA
5	ITO15-SIMSTD0.1	TO15_SFS.qgm	R322156.qgd	250 mL SS21-036D	SIM ONLY	DEF	NA
6	ITO15-SIMSTD0.2	TO15_SFS.qgm	R322157.qgd	50 mL SS21-036C		DEF	NA
6	ITO15-SIMSTD0.5	TO15_SFS.qgm	R322158.qgd	125 mL SS21-036C		DEF	NA
6	ITO15-SIMSTD1.0	TO15_SFS.qgm	R322159.qgd	250 mL SS21-036C		DEF	NA
7	ITO15-SIMSTD5.0	TO15_SFS.qgm	R322160.qgd	125 mL SS21-036B		DEF	NA
7	ITO15-SIMSTD010	TO15_SFS.qgm	R322161.qgd	250 mL SS21-036B		DEF	NA
8	ITO15-SIMSTD020	TO15_SFS.qgm	R322162.qgd	50 mL SS21-036A		DEF	NA
8	ITO15-SIMSTD050	TO15_SFS.qgm	R322163.qgd	125 mL SS21-036A		DEF	NA
8	ITO15-LLSTD100	TO15_SFS.qgm	R322164.qgd	250 mL SS21-036A	LL ONLY	DEF	NA
1	BA3051601	TO15_SFS.qgm	R322165.qgd	250 mL		DEF	NA
1	BA3051602	TO15_SFS.qgm	R322166.qgd	250 mL		DEF	NA
2	CTO15-LLSTD010	TO15_SFS.qgm	R322167.qgd	250 mL SS22-004C	LL ICV	DEF ICV AP2	NA
2	CTO15-SIMSTD5.0	TO15_SFS.qgm	R322168.qgd	125 mL SS22-004C	SIM ICV	DEF ICV AP2	NA

Alpha Analytical Air Lab
Instrument Run Log

Date(s) of Initial Calibration: Refer to Initial Calibration Summary Form 6

Date Acquired: see Instrument Performance Check Summary and/or quantitation report.

Sample ID information: L1301234-01,3,250,250 { Lab sample ID, dept #, actual volume analyzed (mL), nominal volume analyzed (mL) }

Dilution Factor: See Form 1 report, or divide nominal volume by actual volume analyzed

Alpha Analytical Air Lab
Instrument Run Log

nt ID:	Airpiano3	Internal Standard/Surrogate IDs:	SS20-028 / SS21-026
Date:	05/17/22	Internal Standard/Surrogate Volume:	100 ml
Initials:	JB	Sequence File Name:	220517.S

AS Position #	Sample ID	Acquisition Method	Data File ID	Standard ID or Batch ID #, ICAL Ref #	Comment (s)	Product/ sublist	Leak Check Pass ? Y/N
1	TA3051801	TO15_SFS.qgm	R322192.qgd	250 mL	TUNE		NA
2	CA3051801	TO15_SFS.qgm	R322193.qgd	250mL SS22-006C	NJ CC FAILS		NA
3	CTO15-LLSTD10.0	TO15_SFS.qgm	R322194.qgd	250 mL SS22-005B	LL LCS	BF BC FAIL HIGH	NA
3	CTO15-SIMSTD05.0	TO15_SFS.qgm	R322195.qgd	125 mL SS22-005B	SIM LCS	C12DCE OUT IN ICV	NA
1	BA3051801	TO15_SFS.qgm	R322196.qgd	250 mL	LL BLANK		NA
1	BA3051802	TO15_SFS.qgm	R322197.qgd	250 mL	SIM BLANK		NA
1	L2225019-08,3,250,250	TO15_SFS.qgm	R322198.qgd	WG1640147,ICAL19030		NY-7SIM	Y
2	L2225590-11,3,250,250	TO15_SFS.qgm	R322199.qgd	WG1640147,ICAL19030		NY-7SIM	Y
3	L2224240-06,3,250,250	TO15_SFS.qgm	R322200.qgd	WG1640147,ICAL19030		NY-7SIM	Y
4	L2224240-05,3,250,250	TO15_SFS.qgm	R322201.qgd	WG1640147,ICAL19030	CIS12DCE HIT	NY-7SIM	Y
5	L2224240-04,3,250,250	TO15_SFS.qgm	R322202.qgd	WG1640147,ICAL19030	CIS12DCE HIT	NY-7SIM	Y
6	L2224240-03,3,250,250	TO15_SFS.qgm	R322203.qgd	WG1640147,ICAL19030	CIS12DCE HIT	NY-7SIM	Y
7	L2224240-02,3,250,250	TO15_SFS.qgm	R322204.qgd	WG1640147,ICAL19030	CIS12DCE HIT	NY-7SIM	Y
8	L2224240-01,3,250,250	TO15_SFS.qgm	R322205.qgd	WG1640147,ICAL19030	CIS12DCE HIT	NY-7SIM	Y
9	L2225590-10,3,250,250	TO15_SFS.qgm	R322206.qgd	WG1640147,ICAL19030		NY-7SIM	Y
9	L2225590-10DUP,3,250,250	TO15_SFS.qgm	R322207.qgd	WG1640147,ICAL19030	LL/SIM DUP	NY-7SIM	Y
10	L2225590-09,3,250,250	TO15_SFS.qgm	R322208.qgd	WG1640147,ICAL19030		NY-7SIM	Y
11	L2225590-08,3,250,250	TO15_SFS.qgm	R322209.qgd	WG1640147,ICAL19030		NY-7SIM	Y
12	L2225590-07,3,250,250	TO15_SFS.qgm	R322210.qgd	WG1640147,ICAL19030		NY-7SIM	Y
13	L2225590-06,3,250,250	TO15_SFS.qgm	R322211.qgd	WG1640147,ICAL19030		NY-7SIM	Y
14	L2225019-01,3,250,250	TO15_SFS.qgm	R322212.qgd	WG1640147,ICAL19030	11 DCE AND CIS12DCE HIT	NY-7SIM	Y
15	L2225019-02,3,250,250	TO15_SFS.qgm	R322213.qgd	WG1640147,ICAL19030	CIS12DCE HIT; ETOH OVERCAL	NY-7SIM	Y

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16	L2225019-03,3,250,250	TO15_SFS.qgm	R322214.qgd	WG1640147,ICAL19030	CIS12DCE HIT; ETOH OVERCAL	NY-7SIM	Y
1	L2225019-04,3,250,250	TO15_SFS.qgm	R322215.qgd	WG1640147,ICAL19030	11 DCE AND CIS12DCE HIT	NY-7SIM	Y
2	L2225019-05,3,250,250	TO15_SFS.qgm	R322216.qgd	WG1640147,ICAL19030	11DCE AND CIS12DCE HIT; ETOH OVERCAL	NY-7SIM	Y
3	L2225019-06,3,250,250	TO15_SFS.qgm	R322217.qgd	WG1640147,ICAL19030	CIS12DCE HIT	NY-7SIM	Y
4	L2225019-07,3,250,250	TO15_SFS.qgm	R322218.qgd	WG1640147,ICAL19030	MECL2 OVERCAL	NY-7SIM	Y
15	L2225019-02D,3,50,250	TO15_SFS.qgm	R322219.qgd	WG1640147,ICAL19030		ETOH	Y
16	L2225019-03D,3,75,250	TO15_SFS.qgm	R322220.qgd	WG1640147,ICAL19030		ETOH	Y
2	L2225019-05D,3,25,250	TO15_SFS.qgm	R322221.qgd	WG1640147,ICAL19030		ETOH	Y
4	L2225019-07D,3,75,250	TO15_SFS.qgm	R322222.qgd	WG1640147,ICAL19030		MECL2	Y

ATTACHMENT 4

DATA VALIDATION SUMMATION LETTER

LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES

Technical Memorandum

989 Lenox Drive Lawrenceville, NJ 08648 T: 609.282.8000
Mailing Address: 989 Lenox Drive Lawrenceville, NJ 08648

To: Rebekah Diehl, Langan Senior Staff Scientist

From: Joe Conboy, Langan Staff Chemist

Date: May 23, 2022

Re: Data Usability Summary Report
For 57-00, 57-05 47th Street
May 2022 Soil Vapor and Ambient Air Samples
Langan Project No.: 100965501

This memorandum presents the findings of an analytical data validation of the data generated from the analysis of air samples collected in May 2022 by Langan Engineering and Environmental Services at the 57-00, 57-05 47th Street site. The samples were analyzed by Alpha Analytical Laboratories, Inc. (NYSDOH NELAP registration # 11148) for volatile organic compounds (VOCs) by the methods specified below.

- VOCs by USEPA Method TO-15 and TO-15 SIM

Table 1, attached, summarizes the laboratory and client sample identification numbers, sample collection dates, and analytical parameters subject to review.

Validation Overview

This data validation was performed in accordance with the following guidelines, where applicable:

- USEPA Region II Standard Operating Procedure (SOP) #HW-31, "Analysis of Volatile Organic Compounds in Air Contained in Canisters by Method TO-15" (September 2016, Revision 6),
- USEPA Contract Laboratory Program "National Functional Guidelines for Organic Superfund Methods Data Review" (EPA 540- R-20-005, November 2020), and
- published analytical methodologies.

Validation includes review of the analytical data to verify that data are easily traceable and sufficiently complete to permit logical reconstruction by a qualified individual other than the originator.

Tier 1 data validation is based on completeness and compliance checks of sample-related QC results including: sample receipt documentation; analytical holding times; sample preservation; blank results (method, field, and trip); surrogate recoveries; MS/MSD recoveries and RPDs

values; field duplicate RPDs, laboratory duplicate RPDs, and LCS/LCSD recoveries and RPDs. Analytical reports described in this assessment underwent Tier 1 validation.

As a result of the review process, the following qualifiers may be assigned to the data in accordance with the USEPA's guidelines and best professional judgment:

- **R –** The sample results are unusable because certain criteria were not met when generating the data. The analyte may or may not be present in the sample.
- **J –** The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
- **UJ –** The analyte was not detected at a level greater than or equal to the reporting limit; however, the reported reporting limit is approximate and may be inaccurate or imprecise.
- **U –** The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.
- **NJ –** The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

If any validation qualifiers are assigned these qualifiers should supersede any laboratory-applied qualifiers. Data that is not qualified as a result of this data validation is considered acceptable on the basis of the items specified for review. Data that is qualified as "R" are considered invalid and are not technically usable for data interpretation. Data that is otherwise qualified due to minor data quality anomalies are usable, as qualified in Table 2 (attached).

The following acronyms may be used in the discussion of data-quality issues:

%D	Percent Difference	MB	Method Blank
CCV	Continuing Calibration Verification	MDL	Method Detection Limit
FB	Field Blank	MS	Matrix Spike
FD	Field Duplicate	MSD	Matrix Spike Duplicate
ICAL	Initial Calibration	RF	Response Factor
ICV	Initial Calibration Verification	RL	Reporting Limit
ISTD	Internal Standard	RPD	Relative Percent Difference
LCL	Lower Control Limit	RSD	Relative Standard Deviation
LCS	Laboratory Control Sample	TB	Trip Blank
LCSD	Laboratory Control Sample Duplicate	UCL	Upper Control Limit

MAJOR DEFICIENCIES:

Major deficiencies include those that grossly impact data quality and necessitate the rejection of results. No major deficiencies were identified.

MINOR DEFICIENCIES:

Minor deficiencies include anomalies that directly impact data quality and necessitate qualification, but do not result in unusable data. The section below describes the minor deficiencies that were identified.

VOCs by USEPA Method TO-15 and TO-15 SIM:

L2225590

Samples SSV02, SSV03, SSV04, SSV05, and IA02 exhibited a laboratory-measured receipt pressures above -2 in. Hg (-1.9 in Hg, -1.9 in Hg, -1.0 in Hg, 0.0 in Hg, and -1.6 in Hg. The associated results in samples SSV02, SSV03, SSV04, SSV05, and IA02 are qualified as J or UJ because of potential indeterminate bias.

The ethanol result for sample SSV04 exceeded the calibration curve. The associated result is qualified J based on potential indeterminate bias.

OTHER DEFICIENCIES:

Other deficiencies include anomalies that do not directly impact data quality and do not necessitate qualification. The section below describes the other deficiencies that were identified.

VOCs by USEPA Method TO-15 and TO-15 SIM:

L2225590

The LCS for batch WG1640147 exhibited percent recoveries above the UCL for bromoform (132%) and benzyl chloride (148%). The associated results are non-detect. No qualification is necessary.

The LCS for batch WG1640711 exhibited percent recoveries above the UCL for dibromochloromethane (132%), bromoform (136%), and benzyl chloride (150%). The associated results are non-detect. No qualification is necessary.

CONCLUSION:

On the basis of this evaluation, the laboratory appears to have followed the specified analytical methods with the exception of errors discussed above. If a given fraction is not mentioned above, that means that all specified criteria were met for that parameter. All of the data packages met ASP Category B requirements.

All data are considered usable, as qualified. In addition, completeness, defined as the percentage of analytical results that are judged to be valid, is 100%.

Signed:

Joe Conboy
Staff Chemist