Environmental Management Solutions, Inc.

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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.
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908-604-2291

Patricia Badding
Project Manager
November 2010

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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.

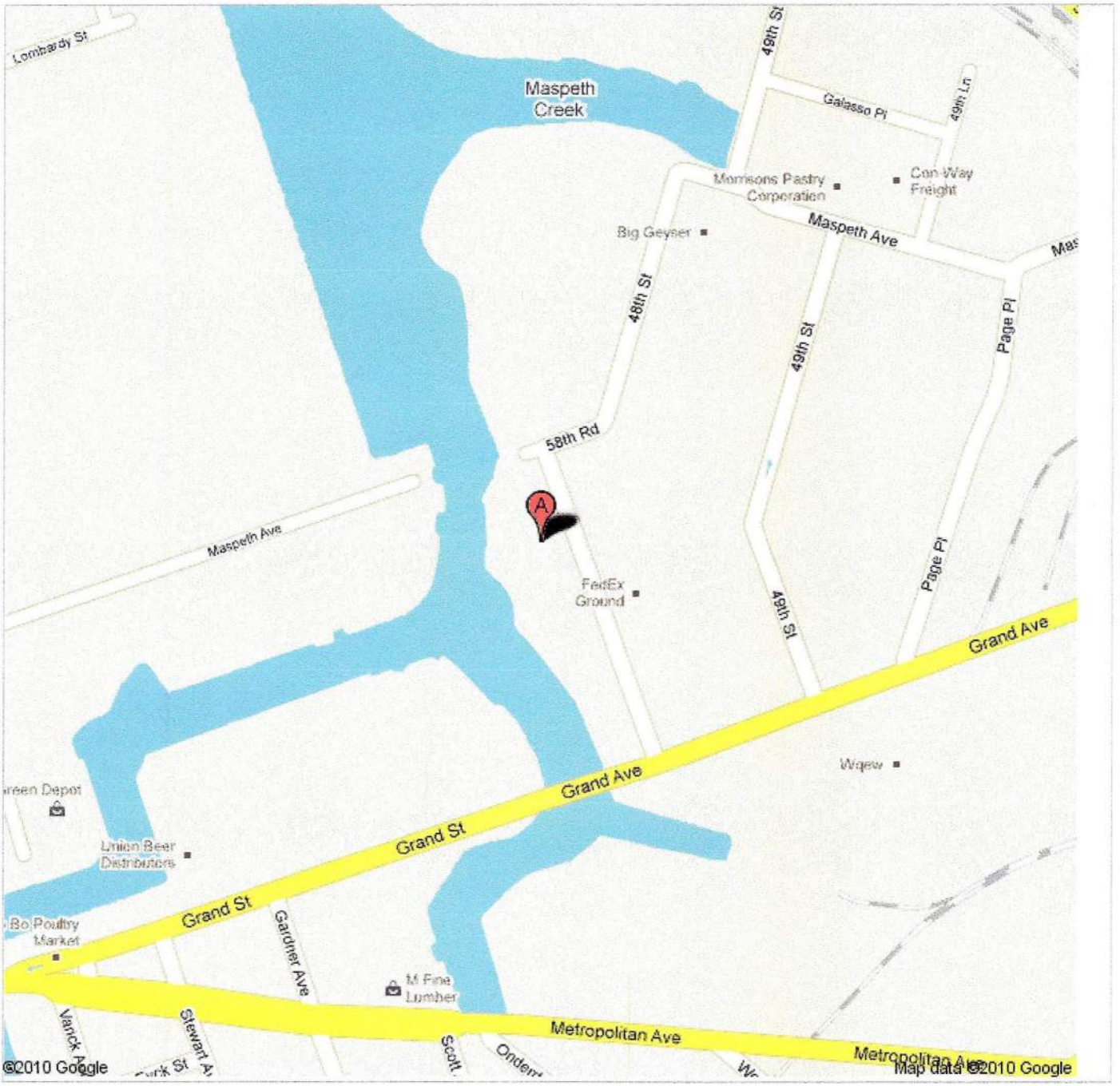
APPENDIX A

FIGURES - MAPS

Print

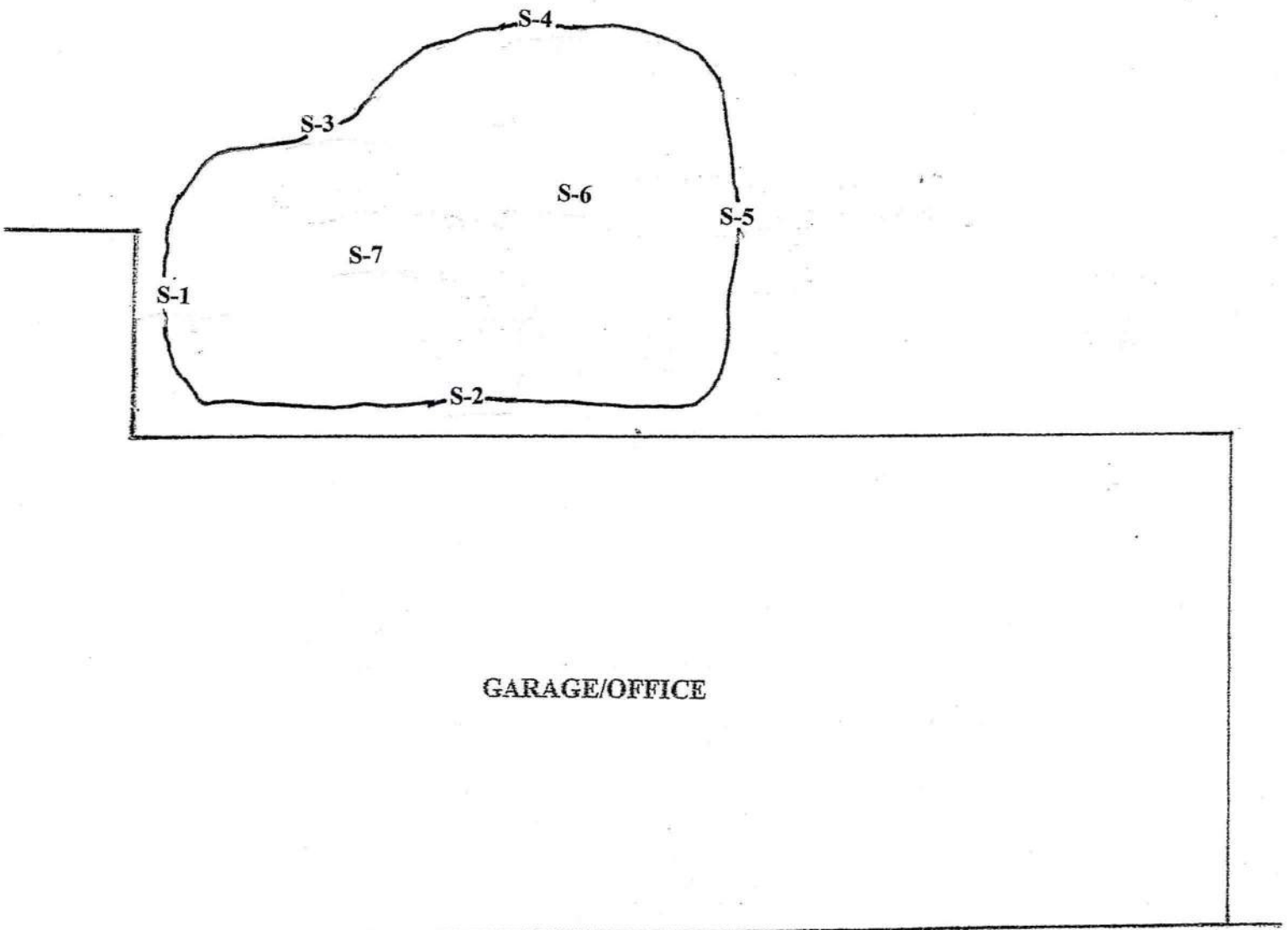
Google maps Address **57-00 47th St**
Queens, NY 11378

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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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

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

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MR. DANIEL MIGUEL
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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

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.

NELAP RECOGNIZED ACCREDITATION BODY

5

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.

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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.

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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.

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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.

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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.

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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.

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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.

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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.

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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.

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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.

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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.

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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

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