REQUEST FOR SPILL CLOSURE REPORT

46-81 Metropolitan Avenue
Ridgewood, New York 11385

NYSDEC Spill Number 1811650

Report Date:

January 2, 2020

Prepared For:

JLJIV Enterprises, Inc.
213-19 99th Ave.
Queens Village, NY 11429

Submitted To:

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New York State Dept. of Environmental Conservation
Spills – Region 2
47-40 21st Street
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Prepared By:

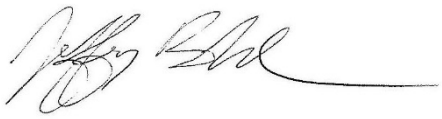
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A Full Service Environmental Consulting and Contracting Firm

The following personnel have prepared and/or reviewed this report for accuracy, content and quality of presentation

Request For Spill Closure Report

46-81 Metropolitan Avenue
Ridgewood, New York 11385



Jeffrey Bohlen, PG
Principal Geologist

December 30, 2019

Date

EnviroTrac
Environmental Services

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1.0 INTRODUCTION

EnviroTrac Ltd. (EnviroTrac) was contracted by JLJIV Enterprises, Inc. (JLJIV), to oversee and document site remediation and to perform an additional subsurface investigation at 46-81 Metropolitan Avenue, Ridgewood, New York (**Figures 1 & 2**), herein referred to as the Site. Photograph documentation is provided in **Appendix A.**

Based on the results of previous investigations, the Site contains two (2) distinct Areas of Concern (AOCs): AOC 1 – southwest of the garages and Bays 1 and 2, and AOC 2 – northwestern portion, adjacent to the former Major Oil Storage Facility (MOSF) to the west (**Figure 3**). However, both AOCs are assigned one (1) New York State Department of Environmental Conservation (NYSDEC) Spill Number (Spill No. 1811650) that was issued on February 21, 2019 for the discovery of gasoline and diesel-impacted soil and groundwater at the Site (AOC 1 & 2, respectively).

On behalf of JLJIV, Edgewater Environmental, Inc. (Edgewater) prepared two (2) work plan Memorandums to address both AOCs that were submitted and approved by the NYSDEC (**Appendix B)**. The following report summarizes implementation and findings of these work plan Memorandums.

2.0 SITE INFORMATION

The Site currently contains a one (1) story commercial bus repair building with an attached two (2) story office building (totaling approximately 15,000 square feet). The bus repair building consists of seven (7) garage bays with front and rear roll-up doors. The property also contains large outdoor bus parking lot areas and several office trailers and pod style office structures, which can be accessed via a second gated entrance on the northeast side of the property adjacent to Newtown Creek. **Figure 2** shows the aerial photograph of the Site.

The review of available historical data for the past 130 years indicates that the current commercial bus repair/service building was built sometime between 1965 and 1967, and that the Site has been used as a commercial bus depot with hundreds of on-Site parking spaces since that time. Sometime before 1936, a one (1) story office building along the southern

portion of the Site was constructed. This office building was demolished/removed in approximately late 2016-early 2017. Previously (between 1936 and 1967), it appears that the Site was used as a lumber storage yard with several piles of lumber, storage sheds, and associated buildings. Three (3) buildings (carpenter shop, iron storage, and a garage) were formerly located on the south-central portion of the Site and one (1) office building was located on the south end (along Metropolitan Avenue) of the property. Prior to 1936, the property contained several lumber storage sheds and outdoor stockpiles of lumber associated with the historic lumber yard operations.

The location of a former MOSF, immediately adjacent to the west of the property, is an environmental concern, and has the potential to impact the Site if a historic release had occurred. Review of historical Sanborn® Fire Insurance Maps (**Appendix C**) showed eight (8) above-ground storage tanks (ASTs) ranging in size from 100,000 to 400,000 gallons, a former fuel pump house, and three (3) former filling sheds near the shared western Site boundary. NYSDEC Spill No. 8703244 was reported on July 22, 1987 for the adjacent property to the west (46-73 Metropolitan Avenue) for a release of No. 6 fuel oil to Newtown Creek. The spill was reported closed the same day.

Based on previous environmental investigations and the excavation work performed, a 2,200-gallon gasoline underground storage tank (UST), a 6,050-gallon diesel fuel UST, one (1) 4,000-gallon gasoline UST and two (2) 4,000-gallon diesel fuel USTs were previously removed to the southwest of the garage (AOC 1).

3.0 SUMMARY OF WORK PERFORMED IN AOC 1

To delineate the area of proposed excavation in AOC 1, previous subsurface soil and groundwater investigations were conducted in February and May 2019 by EnviroTrac and Laurel Environmental Associates Ltd., respectively. The results of the subsurface investigations indicated that most of the petroleum-impacted areas within AOC 1 were present along the southwestern side of the garage, associated with former UST areas, and within Bays 1 and 2.

In September 2019, JLJIV contracted AARCO Environmental Services, Inc. (AARCO) of Lindenhurst, New York, under the direction of EnviroTrac to excavate the identified petroleum-impacts from AOC 1 to the extent feasible. Upon excavation, a total of seventeen 550-gallon gasoline USTs were discovered (sixteen within Bays 1 & 2 and one outside of Bay 3), **Figure 4**. With the exception of Tank #2, all of the remaining 16 USTs were removed and properly disposed. Due to the proximity to structural support, Tank #2 could not be removed and was therefore, cleaned and properly abandoned in-place. A total of 1,461.39 tons of petroleum-impacted soil was excavated and properly disposed from AOC 1 along with 4,668 gallons of petroleum-impacted liquids from inside the tanks and surrounding groundwater. A certificate of affidavit was submitted to the New York City Fire Department for the UST removals (**Appendix D**). Copies of the waste manifests and scrap metal tickets are provided in **Appendix E.**

Prior to backfilling with clean fill, a total of 17 post-excavation soil samples and eight (8) groundwater samples were collected for laboratory analysis of volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs). The groundwater samples were collected from groundwater monitoring wells that were installed within the excavation while backfilling and were constructed of four (4) inch diameter schedule 40 PVC with two (2) feet of solid riser pipe and six (6) feet of 10-slot screen. Well construction logs are provided in **Appendix F.**

3.1 Post-Excavation Soil Sampling for AOC 1

In total, 17 post-excavation soil samples were collected from the sidewalls of the exterior excavation (southwest of the garage) and from the interior excavation (UST sidewalls within Bays 1 and 2). **Figure 4** shows the post-excavation sidewall soil sample locations within AOC 1.

Soil samples were placed into laboratory-supplied glassware, placed into an ice-filled cooler, and delivered via courier to Phoenix Environmental Laboratories, Inc. (Phoenix) in Manchester, CT, a New York State Department of Health (NYSDOH)-certified laboratory, for analysis of VOCs and SVOCs CP-51 list via EPA Methods 8260 and 8270, respectively.

Photo-ionization detector (PID) field screening results were recorded for each post-excavation soil sample and are summarized in **Table 1**.

3.2 Soil Analytical Results for AOC 1

Laboratory analytical results for the excavated exterior area to the southwest of the garage are summarized in **Table 2** and a copy of the laboratory report is provided in **Appendix G**. **Figure 5** shows the post-excavation sidewall soil sample results for AOC 1.

Analytical results for the exterior area indicated that no VOCs were detected at concentrations above their respective NYSDEC Unrestricted Use Soil Cleanup Objectives (UUSCOs). Select SVOCs were detected at concentrations above their respective NYSDEC UUSCOs in NW-1, NW-2, WW-1, SW-1, SW-2, and SW-4. Benzo(a)pyrene was detected above its Restricted Commercial Use Soil Cleanup Objective (RCUSCO) in soil samples NW-2, WW-1, SW-1, SW-2, and SW-4.

Laboratory analytical results for the interior area (Bays 1 and 2) are summarized in **Table 3** and a copy of the laboratory report is provided in **Appendix G**. **Figure 5** shows the post-excavation sidewall soil sample results.

Analytical results for the interior area (Bays 1 and 2) indicated the concentration for total xylenes in sample UST East Sidewall #1 exceeded its NYSDEC UUSCO. The remaining detected VOCs were at concentrations below their respective NYSDEC UUSCOs. Select SVOCs were detected above their respective laboratory method detection limits in soil samples UST West Sidewall #3, UST East Sidewall #1, UST East Sidewall #2, and UST East Sidewall #3. The concentrations of select SVOCs in soil sample UST East Sidewall #1 were detected above their respective NYSDEC UUSCOs. Benzo(a)pyrene was detected above its NYSDEC RCUSCO in soil sample UST East Sidewall #1.

3.3 Groundwater Sampling for AOC 1

The groundwater monitoring wells in AOC 1 were purged and sampled on October 28, 2019. Groundwater was purged from each well using low-flow sampling techniques. Groundwater

samples were placed into laboratory-supplied glassware, placed into an ice-filled cooler, and delivered via courier to Phoenix for analysis of VOCs and SVOCs CP-51 list by EPA Methods 8260 and 8270, respectively.

3.4 Groundwater Analytical Results for AOC 1

Laboratory analytical results for the groundwater monitoring wells are summarized in **Table 4** and a copy of the laboratory report is provided in **Appendix G.** **Figure 6** shows the total VOCs and total SVOCs for the groundwater sample results for AOC 1.

Analytical results indicated that select VOCs were detected slightly above their respective NYSDEC Ambient Water Quality Standards and Guidance Values (NYSDEC Groundwater Standards) in groundwater monitoring wells MW-1, MW-2, MW-3, MW-5 (southwest of the garage), and MW-8 (Bays 1 and 2). The concentrations of a select few SVOCs were detected slightly above their respective NYSDEC Groundwater Standards in MW-1, MW-5 (southwest of the garage), and MW-8 (Bays 1 and 2).

4.0 SUMMARY OF WORK PERFORMED IN AOC 2

Previous subsurface soil and groundwater investigations were conducted in February and May 2019 by EnviroTrac and Edgewater/Laurel Environmental Associates Ltd., respectively in AOC 2. The results of the subsurface investigations indicated that the most petroleum-impacted areas within AOC 2 were present along the northwestern property perimeter, near the former MOSF ASTs, former fuel pump house, and former filling sheds on the adjoining property to the west (**Figure 3**).

Based on the previous soil and groundwater investigation results, EnviroTrac further delineated the petroleum-impacted areas along the northwestern property perimeter on October 22, 2019 by installing three (3) soil borings (GP-A, GP-B, and GP-C). Additional soil borings (GP-D, GP-E, GP-F, and GP-G) were installed in line with GP-B and were place approximately 30 feet apart from west to east. **Figure 3** shows the Site Plan with the soil boring locations in AOC 2. The purpose of these borings was to confirm the extent of petroleum contamination potentially emanating from the former MOSF ASTs, former fuel

pump, and former filling sheds located on the adjoining property to the west. Geologic logs are provided in **Appendix F**.

Four (4) groundwater monitoring wells (MW-9, MW-10, MW-11, and MW-12) were installed at soil boring locations GP-G (MW-9), GP-B (MW-10), GP-A (MW-11, and GP-F (MW-12) on October 22, 2019. The groundwater monitoring wells MW-9, MW-10, and MW-11 were constructed of four (4) inch diameter schedule 40 PVC with two (2) feet of solid riser pipe and eight (8) feet of 10-slot screen. MW-12 was constructed of four (4) inch diameter schedule 40 PVC with two (2) feet of solid riser pipe and six (6) feet of 10-slot screen. The wells were finished with cemented flush-to grade manhole covers. **Figure 3** shows the locations of the groundwater monitoring wells within AOC 2. Well construction logs are provided in **Appendix F**. Fill material was noted in the first eight (8) to 18 inches of the soil borings collected prior to well installation for AOC 2.

4.1 Soil Boring Sampling for AOC 2

Soil samples (GP-A, GP-B, GP-C, GP-D, GP-E, GP-F, and GP-G) were collected from borings installed within the most petroleum-impacted areas previously identified in AOC 2. According to the Geologic Logs (**Appendix F**), soil within the borings consisted mainly of a mix of fill material (asphalt, brick, and concrete), and sand and gravel. Petroleum odors and/or staining were observed in each of the borings. PID readings were measured for all of the borings ranging from 16.8 parts per million (ppm) at GP-F at eight (8) feet below grade to 450 ppm at GP-B at 10 feet below grade. **Figure 3** shows the additional soil boring locations within AOC 2.

Soil samples were collected from approximately three (3) to five (5) feet below grade (immediately above the water table), placed into laboratory-supplied glassware, placed into an ice-filled cooler and delivered via courier to Phoenix for analysis of VOCs and SVOCs CP-51 list via EPA Method 8260 and 8270, respectively.

4.2 Soil Analytical Results for AOC 2

Laboratory analytical results for the soil boring samples collected from AOC 2 are summarized in **Table 5** and a copy of the laboratory report is provided in **Appendix G**. **Figure 7** shows the soil boring sample results for AOC 2.

Analytical results indicated that select VOCs were detected above their respective laboratory method detection limits in all the soil boring samples. Isopropylbenzene was detected at a concentration above its NYSDEC UUSCOs in GP-B. The remaining VOC detections for the soil borings were at concentrations below their respective NYSDEC UUSCOs.

Analytical results indicated that several SVOCs were detected above their respective laboratory method detection limits in all the soil boring samples. Select SVOCs were detected at concentrations above their respective NYSDEC UUSCOs in GP-A, GP-C, and GP-F. Benzo(a)pyrene was detected above its RCUSCO in GP-A, GP-C, and GP-F. Dibenz (a,h)anthracene was detected above its NYSDEC RCUSCO in GP-C and GP-F. Benzo(a)anthracene, benzo(b)fluoranthene, and indeno(1,2,3-cd)pyrene were detected above their respective NYSDEC RCUSCO in GP-C.

4.3 Groundwater Sampling for AOC 2

The groundwater monitoring wells in AOC 2 were purged and sampled on October 28, 2019. Groundwater was purged from each well using low-flow sampling techniques. Groundwater samples were placed into laboratory-supplied glassware, placed into an ice-filled cooler, and delivered via courier to Phoenix for analysis of VOCs and SVOCs CP-51 list by EPA Methods 8260 and 8270, respectively.

4.4 Groundwater Analytical Results for AOC 2

Laboratory analytical results for the groundwater monitoring wells are summarized in **Table 4** and a copy of the laboratory report is provided in **Appendix G. Figure 6** shows the total VOCs and total SVOCs for the groundwater sample results for AOC 2.

Analytical results indicated that select VOCs and select SVOCs were detected in monitoring wells MW-10, MW-11, and MW-12 above their respective laboratory method detection limits. The concentrations of select VOCs and select SVOCs were detected slightly above their respective NYSDEC Groundwater Standards in groundwater monitoring wells MW-10, MW-11, and MW-12.

A groundwater sample was not collected on October 28, 2019 from groundwater monitoring well MW-9 due to the detection of free-phase petroleum product in the well (trace amount). This well is near the northwestern property border, in close proximity to the former fuel pump house and former filling sheds on the adjoining property to the west (former MOSF). Depth to water and depth to product measurements were recorded again on November 20, 2019 and showed a measurable amount (0.01 feet) of product in groundwater monitoring well MW-9.

A sample of the product was collected and submitted to Precision Testing Labs, of Toms River, NJ for product fingerprint analysis via a gas chromatograph equipped with a flame ionization detector (GC/FID). The sample consisted of brown product exhibiting a fuel odor. The GC/FID data shows that the sample contained medium boiling compounds ranging from C9 to C28. The pattern of peaks displayed was indicative of a medium distillate such as diesel fuel or home heating oil. Alkanes and isoprenoids were present. Precision Testing Labs interpreted the results as a partial match to diesel fuel #2. A copy of the laboratory report is attached in **Appendix G.**

5.0 WELL GAUGING

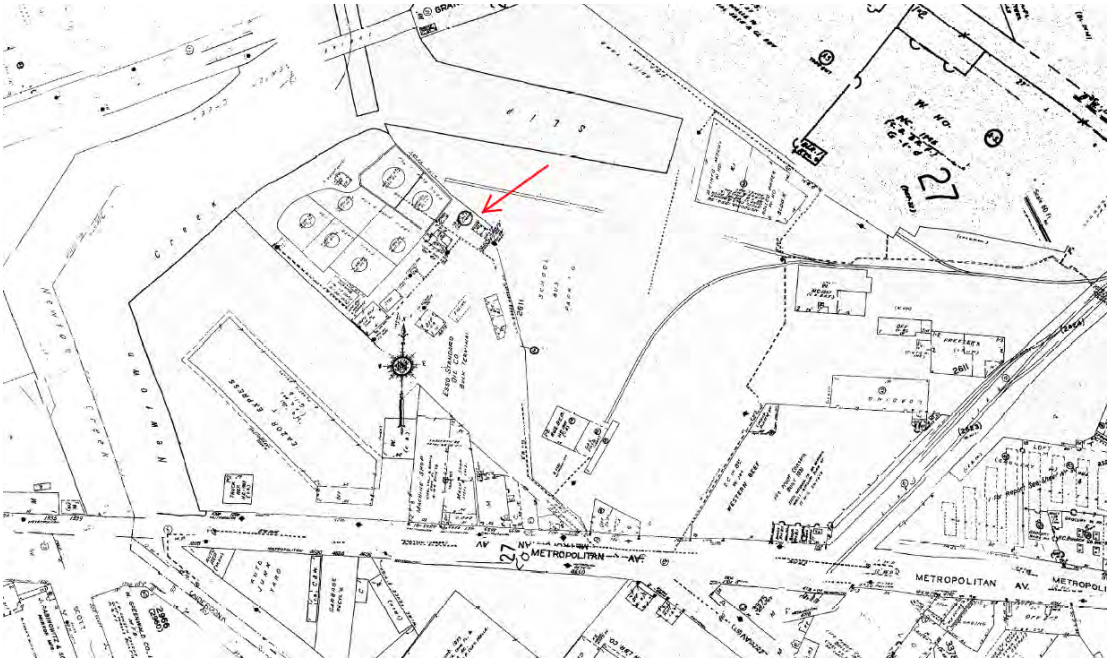
Depth to water and depth to product measurements were recorded for each groundwater monitoring well at the Site on October 28, 2019 and are summarized in **Table 6**. A trace amount of product was detected in MW-9 in AOC 2. Depth to water and depth to product were measured again on November 20, 2019 for the groundwater monitoring wells in AOC 2 (MW-9, MW-10, MW-11 and MW-12). A measurable amount of product (0.01 feet) was detected in MW-9 on November 20, 2019. A survey of the Site was conducted by Precision Surveys of Franklin Square, NY on October 28, 2019 (**Appendix H)**, which included the casing elevations of the groundwater monitoring wells. The water table elevation was calculated using the casing elevation measurements and depth to water measurements, and the Site-specific groundwater flow direction was determined to be north to northeast, towards Newtown Creek. Due to the Site's proximity to Newtown Creek, groundwater elevation is likely tidally influenced. **Figure 8** shows the Site Groundwater Contour Map.

6.0 SUMMARY AND PROFESSIONAL OPINION

The work plans for AOCs 1 and 2, prepared by Edgewater were approved by the NYSDEC and implemented. For AOC 1, there were a total of seventeen 550-gallon gasoline USTs discovered. With the exception of Tank #2, all of the remaining 16 USTs were removed and properly disposed. Due to proximity to structural support, Tank #2 could not be removed and was therefore, cleaned and properly abandoned in-place. Additionally, a total of 1,461.39 tons of petroleum-impacted soil was excavated and properly disposed along with 4,668 gallons of petroleum-impacted liquids from AOC 1. A total of 17 post-excavation soil samples and 8 groundwater samples were collected for laboratory analysis of VOCs/SVOCs at AOC 1. Detections of VOCs in soil were below NYSDEC UUSCOs and the detections of SVOCs are consistent with the urban fill previously identified throughout the property. Since source soils and USTs have been removed, the detection of VOCs/SVOCSs in groundwater at AOC 1 are relatively low and will naturally attenuate overtime.

For AOC 2, given the findings of previous investigations and the additional investigation, it appears that the source of petroleum impact at the subject property is the neighboring property to the northwest (46-73 Metropolitan Avenue) that was a former MOSF. Petroleum odors and/or staining were observed in each of the borings collected in AOC 2. PID readings were measured for all of these borings ranging from 16.8 ppm at GP-F at eight (8) feet below grade to 450 ppm at GP-B at 10 feet below grade. Review of historical Sanborn® Fire Insurance Maps (**Appendix C**) showed up to eight (8) historical MOSF ASTs, a former fuel pump house, and three (3) former filling sheds near the shared western Site boundary. Review of historical information indicated that the former MOSF was present circa 1930s to circa 1980s. See below:

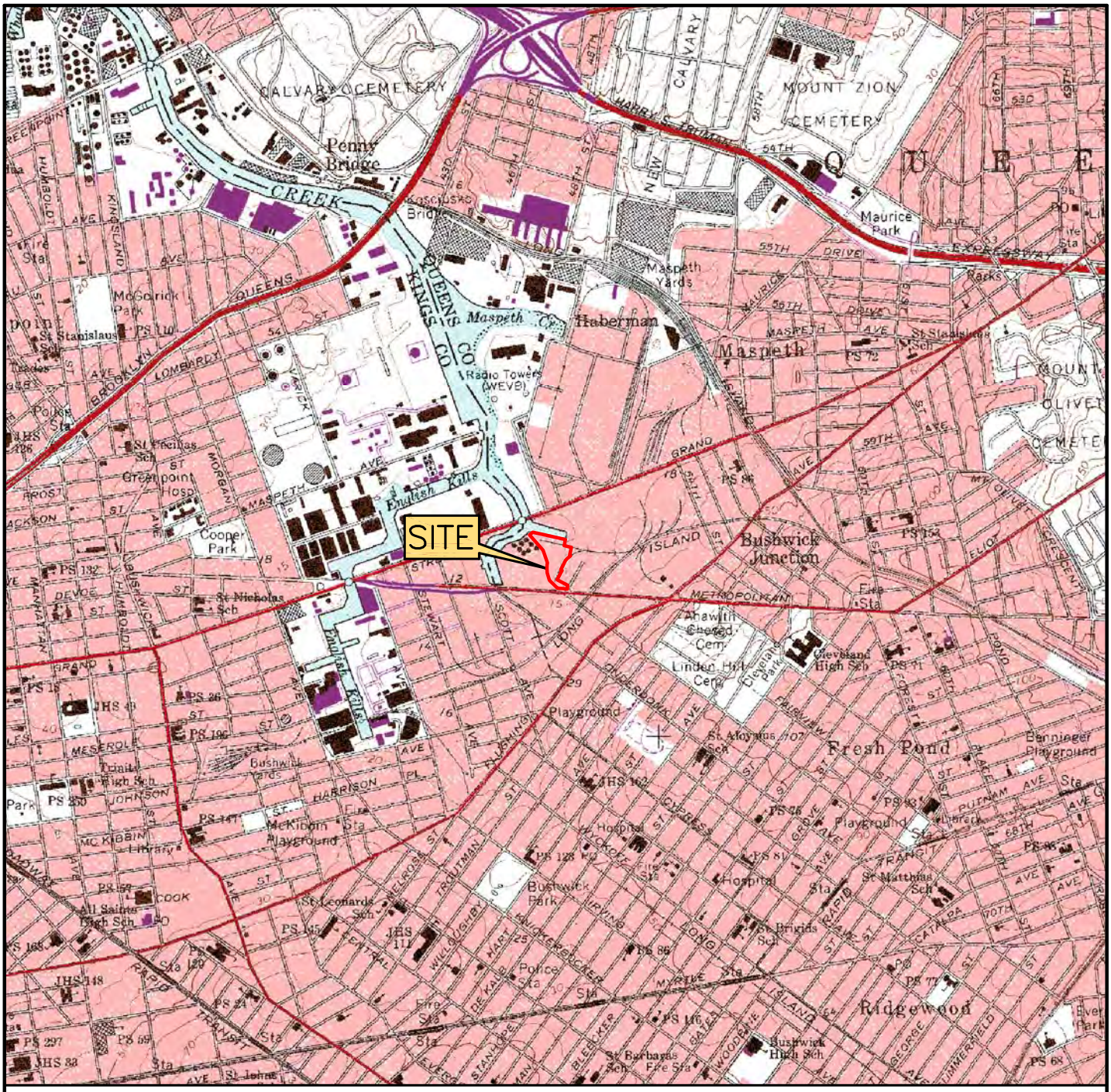


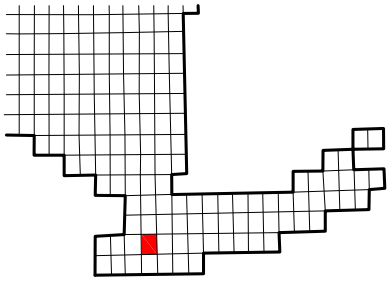


As such, on behalf of JLJIV, EnviroTrac respectively requests that NYSDEC Spill Number 1811650 be closed.

FIGURES

EnviroTrac
Environmental Services





QUADRANGLE LOCATION:
BROOKLYN, NEW YORK

APPROXIMATE ELEVATION:
1–10 FT.

SOURCE:
USGS 7.5 MINUTE SERIES

N
W E
S

0 2,000 6,000
1,000 4,000
FEET

FIGURE #	TOPOGRAPHIC MAP	DRAWN BY: B.S.	EnviroTrac ENVIRONMENTAL SERVICES
1	46–81 METROPOLITAN AVENUE MASPETH, NEW YORK	REVISION DATE: 2/21/2019	5 OLD DOCK ROAD, YAPHANK, NEW YORK 11980 PHONE: (631)924–3001 FAX: (631)924–5001



LEGEND:

PROPERTY BOUNDARY

N
W E
S

0 150

SCALE IN FEET

FIGURE #	AERIAL LOCATION MAP	DRAWN BY: B.S.	EnviroTrac ENVIRONMENTAL SERVICES
2	46–81 METROPOLITAN AVENUE MASPETH, NEW YORK	REVISION DATE: 2/21/2019	5 OLD DOCK ROAD, YAPHANK, NEW YORK 11980 PHONE: (631)924–3001 FAX: (631)924–5001

north

COMMERCIAL
WESTERN BEEF

2–STORY COMMERCIAL
WESTERN BEEF

PARKING LOT

WOODWARD AVE.

1–STORY COMMERCIAL

GRAND AVE.

SEA CONTAINER

1–STORY METAL
BUILDING

GATE

FENCE ON RET. WALL

FORMER 1–STORY
OFFICE BUILDING

SEA CONTAINER

1st & 2nd
FLOOR OFFICES

BRICK WALL

PARKING

SIDEWALK

AOC 1

BAYS
1 & 2

BAY 3

BAY 4

BAY 5

BAY 6

BAY 7

GARAGE

MW–8

MW–7

MW–6

MW–1

MW–5

MW–4

MW–2

MW–3

SEA
CONTAINER

POD STYLE
OFFICES

SEWER MANHOLE

ELECTRIC BOX

PUMP STATION

TEC CRETE ENTRANCE

ASPHALT

CONCRETE

AOC 2

NEWTOWN CREEK

SHORE LINE

CONCRETE

PARKING/STORAGE
AREA

MW–12/GP–F

MW–9/GP–G

GP–E

FORMER
PUMP HOUSE

GP–D

GP–C

MW–10/GP–B

MW–11/GP–A

OFFICE
TRAILER

FORMER GASOLINE TANK

FORMER
FILLING SHEDS

TEC CRETE

1–STORY COMMERCIAL
EL RINCON

4–STORY
COMMERCIAL

METROPOLITAN AVENUE

FORMER ASTs
FROM HISTORICAL MOSF

COMMERCIAL
YARD AND
BUILDINGS

LEGEND:

- PROPERTY LINE
- CHAIN LINK FENCE
- MONITORING WELL
- GEOPROBE LOCATION
- EXCAVATION BOUNDARY
- AOC — AREA OF CONCERN
- PREVIOUSLY IDENTIFIED AREA OF PETROLEUM–IMPACTED SOIL IN AOC 2

EnviroTrac
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0 80
SCALE IN FEET

REVISION DATE: 12/18/2019

REVISED BY: BS

46–81 METROPOLITAN AVE.
RIDGEWOOD, NEW YORK

SITE PLAN

FIGURE #
3

north

1st & 2nd FLOOR OFFICES

BRICK WALL

CONC. WALL

(15) REMOVED 550-GAL. BANK OF USTs (#3 – #17)

#16 #15 #14 #13 #12 #11 #10 #9 #8 #7 #6 #5 #4 #3 #2 #17

BAYS 1 & 2

BAY 3

BAY 4

BAY 5

BAY 6

EAST SIDEWALL #1

EAST SIDEWALL #2

EAST SIDEWALL #3

WEST SIDEWALL #3

WEST SIDEWALL #2

WEST SIDEWALL #1

MW-8

MW-7

MW-6

MW-1

MW-2

MW-3

MW-4

MW-5

EW-1

EW-2

EW-3

NW-1

NW-2

NW-3

SW-1

SW-2

SW-3

SW-4

WW-1

#1

REMOVED 550-GAL. UST

#2
550-GAL. UST
(ABANDONED IN PLACE DUE TO STRUCTURAL SUPPORT)

SEA CONTAINER

PUMP STATION

POD STYLE OFFICES

SEWER MANHOLE

ELECTRIC BOX

PREVIOUSLY REMOVED ONE(1) 4,000-GALLON GASOLINE AND TWO(2) 4,000-GALLON DIESEL FUEL USTs (2016)

TEC CRETE ENTRANCE

1-STORY COMMERCIAL EL RINCON

PREVIOUSLY REMOVED 2,200-GAL. GASOLINE UST
PREVIOUSLY REMOVED 6,050-GAL. DIESEL FUEL UST

METROPOLITAN AVENUE

LEGEND:

- PROPERTY LINE
- MONITORING WELL
- EXCAVATION BOUNDARY
- SIDEWALL SOIL SAMPLE

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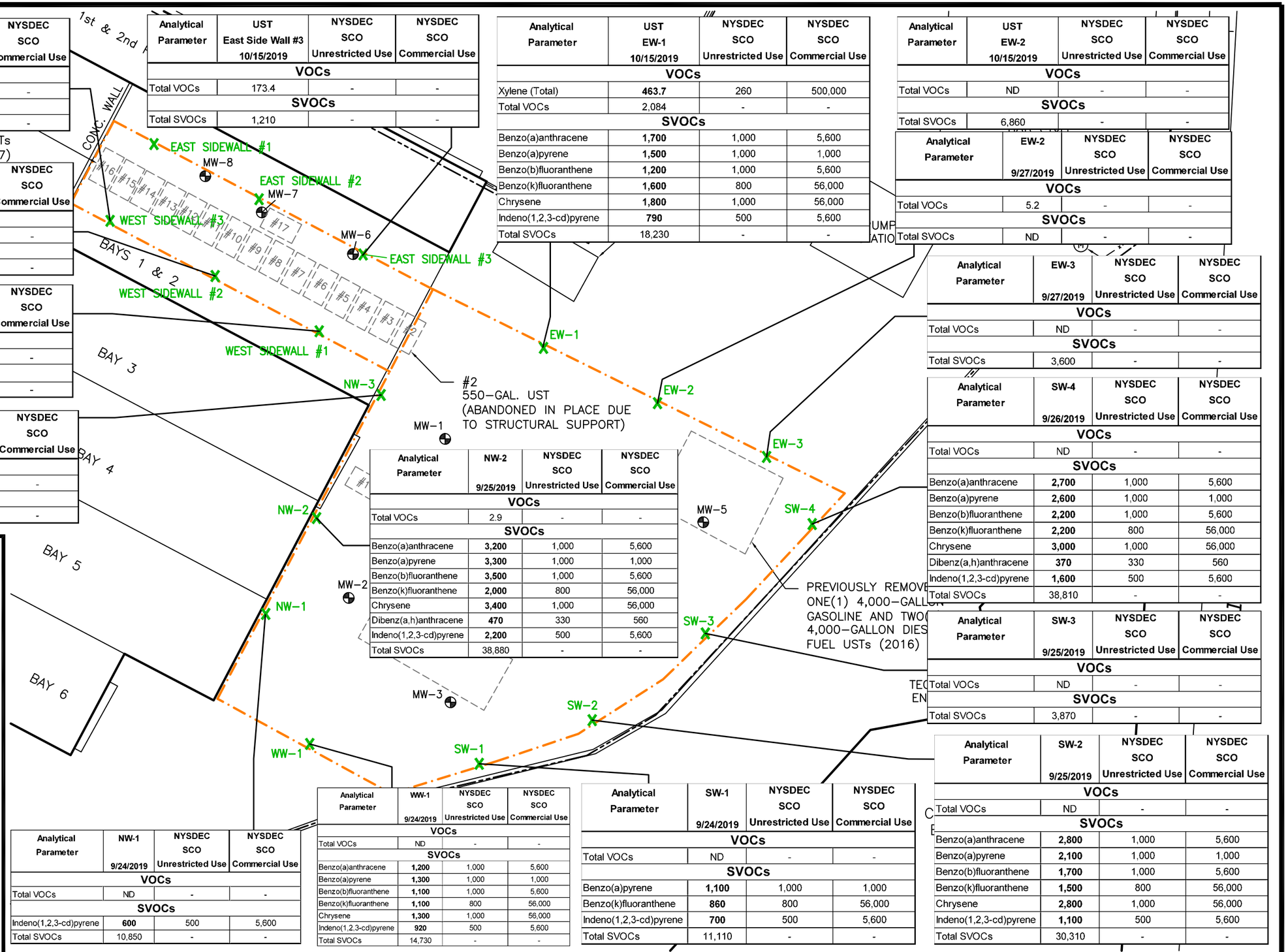
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SCALE IN FEET

REVISION DATE: 12/18/2019 REVISED BY: BS

46-81 METROPOLITAN AVE.
RIDGEWOOD, NEW YORK

AOC 1 POST EXCAVATION SIDEWALL SOIL SAMPLE AND MONITORING WELL LOCATION MAP

FIGURE # 4



Analytical Parameter	UST West Side Wall #3 10/9/2019	NYSDEC SCO Unrestricted Use	NYSDEC SCO Commercial Use
VOCs			
Total VOCs	945.8	-	-
SVOCs			
Total SVOCs	290	-	-

Analytical Parameter	UST East Side Wall #3 10/15/2019	NYSDEC SCO Unrestricted Use	NYSDEC SCO Commercial Use
VOCs			
Total VOCs	173.4	-	-
SVOCs			
Total SVOCs	1,210	-	-

Analytical Parameter	UST EW-1 10/15/2019	NYSDEC SCO Unrestricted Use	NYSDEC SCO Commercial Use
VOCs			
Xylene (Total)	**463.7**	260	500,000
Total VOCs	2,084	-	-
SVOCs			
Benzo(a)anthracene	**1,700**	1,000	5,600
Benzo(a)pyrene	**1,500**	1,000	1,000
Benzo(b)fluoranthene	**1,200**	1,000	5,600
Benzo(k)fluoranthene	**1,600**	800	56,000
Chrysene	**1,800**	1,000	56,000
Indeno(1,2,3-cd)pyrene	**790**	500	5,600
Total SVOCs	18,230	-	-

Analytical Parameter	UST EW-2 10/15/2019	NYSDEC SCO Unrestricted Use	NYSDEC SCO Commercial Use
VOCs			
Total VOCs	ND	-	-
SVOCs			
Total SVOCs	6,860	-	-

Analytical Parameter	EW-2 9/27/2019	NYSDEC SCO Unrestricted Use	NYSDEC SCO Commercial Use
VOCs			
Total VOCs	5.2	-	-
SVOCs			
Total SVOCs	ND	-	-

Analytical Parameter	UST West Side Wall #2 10/9/2019	NYSDEC SCO Unrestricted Use	NYSDEC SCO Commercial Use
VOCs			
Total VOCs	263	-	-
SVOCs			
Total SVOCs	ND	-	-

Analytical Parameter	UST West Side Wall #1 10/9/2019	NYSDEC SCO Unrestricted Use	NYSDEC SCO Commercial Use
VOCs			
Total VOCs	24.9	-	-
SVOCs			
Total SVOCs	ND	-	-

Analytical Parameter	EW-3 9/27/2019	NYSDEC SCO Unrestricted Use	NYSDEC SCO Commercial Use
VOCs			
Total VOCs	ND	-	-
SVOCs			
Total SVOCs	3,600	-	-

Analytical Parameter	NW-3 9/25/2019	NYSDEC SCO Unrestricted Use	NYSDEC SCO Commercial Use
VOCs			
Total VOCs	ND	-	-
SVOCs			
Total SVOCs	3,520	-	-

Analytical Parameter	NW-2 9/25/2019	NYSDEC SCO Unrestricted Use	NYSDEC SCO Commercial Use
VOCs			
Total VOCs	2.9	-	-
SVOCs			
Benzo(a)anthracene	**3,200**	1,000	5,600
Benzo(a)pyrene	**3,300**	1,000	1,000
Benzo(b)fluoranthene	**3,500**	1,000	5,600
Benzo(k)fluoranthene	**2,000**	800	56,000
Chrysene	**3,400**	1,000	56,000
Dibenz(a,h)anthracene	**470**	330	560
Indeno(1,2,3-cd)pyrene	**2,200**	500	5,600
Total SVOCs	38,880	-	-

Analytical Parameter	SW-4 9/26/2019	NYSDEC SCO Unrestricted Use	NYSDEC SCO Commercial Use
VOCs			
Total VOCs	ND	-	-
SVOCs			
Benzo(a)anthracene	**2,700**	1,000	5,600
Benzo(a)pyrene	**2,600**	1,000	1,000
Benzo(b)fluoranthene	**2,200**	1,000	5,600
Benzo(k)fluoranthene	**2,200**	800	56,000
Chrysene	**3,000**	1,000	56,000
Dibenz(a,h)anthracene	**370**	330	560
Indeno(1,2,3-cd)pyrene	**1,600**	500	5,600
Total SVOCs	38,810	-	-

Analytical Parameter	SW-3 9/25/2019	NYSDEC SCO Unrestricted Use	NYSDEC SCO Commercial Use
VOCs			
Total VOCs	ND	-	-
SVOCs			
Total SVOCs	3,870	-	-

Analytical Parameter	NW-1 9/24/2019	NYSDEC SCO Unrestricted Use	NYSDEC SCO Commercial Use
VOCs			
Total VOCs	ND	-	-
SVOCs			
Indeno(1,2,3-cd)pyrene	**600**	500	5,600
Total SVOCs	10,850	-	-

Analytical Parameter	WW-1 9/24/2019	NYSDEC SCO Unrestricted Use	NYSDEC SCO Commercial Use
VOCs			
Total VOCs	ND	-	-
SVOCs			
Benzo(a)anthracene	**1,200**	1,000	5,600
Benzo(a)pyrene	**1,300**	1,000	1,000
Benzo(b)fluoranthene	**1,100**	1,000	5,600
Benzo(k)fluoranthene	**1,100**	800	56,000
Chrysene	**1,300**	1,000	56,000
Indeno(1,2,3-cd)pyrene	**920**	500	5,600
Total SVOCs	14,730	-	-

Analytical Parameter	SW-1 9/24/2019	NYSDEC SCO Unrestricted Use	NYSDEC SCO Commercial Use
VOCs			
Total VOCs	ND	-	-
SVOCs			
Benzo(a)pyrene	**1,100**	1,000	1,000
Benzo(k)fluoranthene	**860**	800	56,000
Indeno(1,2,3-cd)pyrene	**700**	500	5,600
Total SVOCs	11,110	-	-

Analytical Parameter	SW-2 9/25/2019	NYSDEC SCO Unrestricted Use	NYSDEC SCO Commercial Use
VOCs			
Total VOCs	ND	-	-
SVOCs			
Benzo(a)anthracene	**2,800**	1,000	5,600
Benzo(a)pyrene	**2,100**	1,000	1,000
Benzo(b)fluoranthene	**1,700**	1,000	5,600
Benzo(k)fluoranthene	**1,500**	800	56,000
Chrysene	**2,800**	1,000	56,000
Indeno(1,2,3-cd)pyrene	**1,100**	500	5,600
Total SVOCs	30,310	-	-

LEGEND:

- PROPERTY LINE
- MONITORING WELL
- EXCAVATION BOUNDARY
- X SIDEWALL SOIL SAMPLE
- ND NOT DETECTED
- VOC VOLATILE ORGANIC COMPOUNDS
- SVOC SEMI VOLATILE ORGANIC COMPOUNDS
- RESULTS IN MICROGRAMS PER KILOGRAM (µg/kg)

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46-81 METROPOLITAN AVE.
RIDGEWOOD, NEW YORK

AOC 1 – POST-EXCAVATION SOIL SAMPLE RESULTS

FIGURE # 5

north

Analytical Parameter	MW#12 10/28/2019	NYSDEC Class GA Ambient Water Quality Standards
VOCs		
sec-butylbenzene	**18**	5*
n-Butylbenzene	**17**	5*
tert-Butylbenzene	**5.4**	5*
Total VOCs	53.9	-
SVOCs		
Benzo(a)anthracene	**5.1**	0.002**
Benzo(a)pyrene	**2.5**	ND
Benzo(b)fluoranthene	**2**	0.002**
Benzo(k)fluoranthene	**1.7**	0.002**
Chrysene	**3.9**	0.002**
Indeno(1,2,3-cd)pyrene	**2**	0.002**
Naphthalene	**12**	10**
Total SVOCs	156	-

Analytical Parameter	MW#8 10/28/2019	NYSDEC Class GA Ambient Water Quality Standards
VOCs		
Benzene	**15**	1
Toluene	**63**	5*
Ethylbenzene	**26**	5*
m,p-Xylene	**110**	5*
o-Xylene	**45**	5*
MTBE	**21**	10
n-Propylbenzene	**11**	5*
1,3,5-Trimethylbenzene	**35**	5*
1,2,4-Trimethylbenzene	**95**	5*
Naphthalene	**70**	10**
Total VOCs	655.3	-
SVOCs		
Benzo(a)anthracene	**1.2**	0.002**
Benzo(a)pyrene	**0.8**	ND
Benzo(b)fluoranthene	**0.6**	0.002**
Chrysene	**1**	0.002**
Dibenz(a,h)anthracene	ND	-
Indeno(1,2,3-cd)pyrene	**0.6**	0.002**
Naphthalene	**44**	10**
Total SVOCs	96.1	-

Analytical Parameter	MW#7 10/28/2019	NYSDEC Class GA Ambient Water Quality Standards
VOCs		
Benzene	**16**	1
Toluene	**67**	5*
Ethylbenzene	**21**	5*
m,p-Xylene	**93**	5*
o-Xylene	**49**	5*
MTBE	**30**	10
n-Propylbenzene	**8.2**	5*
1,3,5-Trimethylbenzene	**24**	5*
1,2,4-Trimethylbenzene	**87**	5*
Naphthalene	**90**	10**
Total VOCs	633.1	-
SVOCs		
Total SVOCs	ND	-

Analytical Parameter	MW#6 10/28/2019	NYSDEC Class GA Ambient Water Quality Standards
VOCs		
Benzene	**4.4**	1
Toluene	**8.9**	5*
MTBE	**14**	10
Total VOCs	52	-
SVOCs		
Total SVOCs	ND	-

Analytical Parameter	MW#1 10/28/2019	NYSDEC Class GA Ambient Water Quality Standards
VOCs		
Benzene	**4**	1
Total VOCs	9.5	-
SVOCs		
Benzo(a)anthracene	**0.1**	0.002**
Total SVOCs	8.4	-

ASPHALT

Analytical Parameter	MW#2 10/28/2019	NYSDEC Class GA Ambient Water Quality Standards
VOCs		
Benzene	**8.9**	1
Ethylbenzene	**13**	5*
Total VOCs	34.5	-
SVOCs		
Total SVOCs	16.4	-

Analytical Parameter	MW#3 10/28/2019	NYSDEC Class GA Ambient Water Quality Standards
VOCs		
Benzene	**2.2**	1
Total VOCs	2.2	-
SVOCs		
Total SVOCs	11.6	-

Analytical Parameter	MW#10 10/28/2019	NYSDEC Class GA Ambient Water Quality Standards
VOCs		
Benzene	**1.6**	1
1,3,5-Trimethylbenzene	**7.3**	5*
1,2,4-Trimethylbenzene	**24**	5*
sec-butylbenzene	**6.9**	5*
n-Butylbenzene	**5.3**	5*
Naphthalene	**20**	10**
Total VOCs	91.9	-
SVOCs		
Benzo(a)anthracene	**0.6**	0.002**
Benzo(a)pyrene	**0.3**	ND
Benzo(b)fluoranthene	**0.3**	0.002**
Chrysene	**0.5**	0.002**
Indeno(1,2,3-cd)pyrene	**0.3**	0.002**
Total SVOCs	18.5	-

Analytical Parameter	MW#11 10/28/2019	NYSDEC Class GA Ambient Water Quality Standards
VOCs		
sec-butylbenzene	**7.2**	5*
Total VOCs	15	-
SVOCs		
Benzo(a)anthracene	**1.1**	0.002**
Benzo(a)pyrene	**0.5**	ND
Benzo(b)fluoranthene	**0.5**	0.002**
Chrysene	**1**	0.002**
Indeno(1,2,3-cd)pyrene	**0.47**	0.002**
Total SVOCs	**44**	-

Analytical Parameter	MW#4 10/28/2019	NYSDEC Class GA Ambient Water Quality Standards
VOCs		
Benzene	**2.4**	1
Toluene	**32**	5*
Ethylbenzene	**7.9**	5*
m,p-Xylene	**30**	5*
o-Xylene	**17**	5*
1,2,4-Trimethylbenzene	**8.6**	5*
Total VOCs	150	-
SVOCs		
Total SVOCs	ND	-

Analytical Parameter	MW#5 10/28/2019	NYSDEC Class GA Ambient Water Quality Standards
VOCs		
Benzene	**7.9**	1
Toluene	**290**	5*
Ethylbenzene	**180**	5*
m,p-Xylene	**770**	5*
o-Xylene	**360**	5*
n-Propylbenzene	**98**	5*
1,3,5-Trimethylbenzene	**170**	5*
1,2,4-Trimethylbenzene	**630**	5*
sec-butylbenzene	**10**	5*
n-Butylbenzene	**15**	5*
Naphthalene	**89**	10**
Total VOCs	3,792.1	-
SVOCs		
Naphthalene	**43**	10**
Total SVOCs	74	-

GRAND AVE.

NEWTOWN CREEK

SHORE LINE

CONCRETE

GATE

CONCRETE

PARKING/STORAGE AREA

MW-12/GP-F

MW-9/GP-G
NSP

GP-E

GP-D

GP-C

MW-10/GP-B

MW-11/GP-A

FORMER PUMP HOUSE

FORMER FILLING S

OFFICE

SEA CONTAINER

1st & 2nd FLOOR OFFICES

SEA CONTAINER

BRICK WALL

CE ON RET. WALL

BAYS 1 & 2

BAY 3

BAY 4

BAY 5

BAY 6

BAY 7

GARAGE

MW-8

MW-7

MW-6

MW-1

MW-2

MW-4

MW-5

MW-3

TEC CRETE ENTRANCE

PARKING

SIDEWALK

POD STYLE OFFICES

SEWER MANHOLE

ELECTRIC BOX

PUMP STATION

1-STORY COMMERCIAL EL RINCON

4-STORY COMMERCIAL

WOODW

AVENUE

TAN

FROM H

RCIAL AND NGS

LEGEND:

- PROPERTY LINE
- CHAIN LINK FENCE
- MONITORING WELL
- GEOPROBE LOCATION
- EXCAVATION BOUNDARY
- ND NOT DETECTED
- VOC VOLATILE ORGANIC COMPOUNDS
- SVOC SEMI VOLATILE ORGANIC COMPOUNDS
- RESULTS IN MICROGRAMS PER LITER (µg/L)
- NSP NOT SAMPLED PRODUCT

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46-81 METROPOLITAN AVE.
RIDGEWOOD, NEW YORK

GROUNDWATER SAMPLING RESULTS

FIGURE # 6

north

Analytical Parameter	GP-E 3'-5' 10/22/2019	NYSDEC SCO Unrestricted Use	NYSDEC SCO Commercial Use
VOCs			
Total VOCs	3,980	-	-
SVOCs			
Total SVOCs	350	-	-

Analytical Parameter	GP-F 3'-5' 10/22/2019	NYSDEC SCO Unrestricted Use	NYSDEC SCO Commercial Use
VOCs			
Total VOCs	470	-	-
SVOCs			
Benzo(a)anthracene	**3,700**	1,000	5,600
Benzo(a)pyrene	**3,800**	1,000	1,000
Benzo(b)fluoranthene	**4,600**	1,000	5,600
Benzo(k)fluoranthene	**3,700**	800	56,000
Chrysene	**4,100**	1,000	56,000
Dibenz(a,h)anthracene	**610**	330	560
Indeno(1,2,3-cd)pyrene	**2,500**	500	5,600
Total SVOCs	44,210	-	-

Analytical Parameter	GP-G 3'-5' 10/22/2019	NYSDEC SCO Unrestricted Use	NYSDEC SCO Commercial Use
VOCs			
Total VOCs	4,720	-	-
SVOCs			
Total SVOCs	15,590	-	-

Analytical Parameter	GP-D 3'-5' 10/22/2019	NYSDEC SCO Unrestricted Use	NYSDEC SCO Commercial Use
VOCs			
Total VOCs	5,590	-	-
SVOCs			
Total SVOCs	3,950	-	-

Analytical Parameter	GP-C 3'-5' 10/22/2019	NYSDEC SCO Unrestricted Use	NYSDEC SCO Commercial Use
VOCs			
Total VOCs	3,260	-	-
SVOCs			
Benzo(a)anthracene	**22,000**	1,000	5,600
Benzo(a)pyrene	**19,000**	1,000	1,000
Benzo(b)fluoranthene	**18,000**	1,000	5,600
Benzo(k)fluoranthene	**16,000**	800	56,000
Chrysene	**21,000**	1,000	56,000
Dibenz(a,h)anthracene	**4,600**	330	560
Indeno(1,2,3-cd)pyrene	**14,000**	500	5,600
Total SVOCs	260,910	-	-

Analytical Parameter	GP-B 3'-5' 10/22/2019	NYSDEC SCO Unrestricted Use	NYSDEC SCO Commercial Use
VOCs			
Isopropylbenzene	**3,300**	2,300*	-
Total VOCs	22,600	-	-
SVOCs			
Total SVOCs	26,260	-	-

Analytical Parameter	GP-A 3'-5' 10/22/2019	NYSDEC SCO Unrestricted Use	NYSDEC SCO Commercial Use
VOCs			
Total VOCs	3,580	-	-
SVOCs			
Benzo(a)anthracene	**2,000**	1,000	5,600
Benzo(a)pyrene	**1,700**	1,000	1,000
Benzo(b)fluoranthene	**1,500**	1,000	5,600
Benzo(k)fluoranthene	**1,400**	800	56,000
Chrysene	**2,300**	1,000	56,000
Indeno(1,2,3-cd)pyrene	**1,200**	500	5,600
Total SVOCs	45,000	-	-

SEA CONTAINER
1-STORY METAL BUILDING
GATE
GRAND
CONCRETE
ASPHALT
PARKING/STORAGE AREA
MW-12/GP-F
GP-E
GP-D
GP-C
MW-10/GP-B
MW-11/GP-A
MW-9/GP-G
NEWTOWN
SHORE LINE
CONCRETE
FORMER PUMP HOUSE
OFFICE TRAILER
FORMER GASOLINE TANK
FORMER FILLING SHEDS
FORMER ASTs FROM HISTORICAL MOSF
COMMERCIAL YARD AND BUILDINGS
TEC CRETE
G LOT
FORMER 1-STORY OFFICE BUILDING
WOODWARD
SEA CONTAINER
L. WALL
BRICK WALL
1st & 2nd FLOOR OFFICES
SEA CONTAINER
PARKING
SIDEWALK
BAYS 1 & 2
BAY 3
BAY 4
BAY 5
BAY 6
BAY 7
GARAGE
MW-8
MW-7
MW-6
MW-1
MW-5
MW-2
MW-4
MW-3
TEC CRETE ENTRANCE
POD STYLE OFFICES
SEWER MANHOLE
ELECTRIC BOX
PUMP STATION
METROPOLITAN AVE

LEGEND:

- PROPERTY LINE
- CHAIN LINK FENCE
- MONITORING WELL
- GEOPROBE LOCATION
- EXCAVATION BOUNDARY
- ND NOT DETECTED
- VOC VOLATILE ORGANIC COMPOUNDS
- SVOC SEMI VOLATILE ORGANIC COMPOUNDS

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46-81 METROPOLITAN AVE.
RIDGEWOOD, NEW YORK

AOC 2 – SOIL SAMPLE RESULTS

FIGURE # 7

north

COMMERCIAL WESTERN BEEF

2–STORY COMMERCIAL WESTERN BEEF

1–STORY COMMERCIAL

GRAND AVE.

PARKING LOT

SEA CONTAINER

1–STORY METAL BUILDING

GATE

FENCE ON RET. WALL

FORMER 1–STORY OFFICE BUILDING

SEA CONTAINER

1st & 2nd FLOOR OFFICES

BRICK WALL

SEA CONTAINER

PARKING

SIDEWALK

WOODWARD AVE.

ASPHALT

CONCRETE

BAYS 1 & 2

BAY 3

BAY 4

BAY 5

BAY 6

BAY 7

GARAGE

MW–8 5.80

MW–7 5.79

MW–6 5.80

MW–1 5.43

MW–5 5.46

MW–2 5.28

MW–4 5.42

MW–3 5.38

POD STYLE OFFICES

SEWER MANHOLE

ELECTRIC BOX

PUMP STATION

TEC CRETE ENTRANCE

5.00

4.50

4.00

3.50

3.00

2.50

NEWTOWN CREEK

PARKING/STORAGE AREA

MW–12/GP–F 2.36

GP–E

GP–D

GP–C

MW–10/GP–B 2.96

MW–11/GP–A 1.45

MW–9/GP–G 3.99

FORMER PUMP HOUSE

OFFICE TRAILER

1–STORY COMMERCIAL EL RINCON

FORMER GASOLINE TANK

FORMER FILLING SHEDS

TEC CRETE

SHORE LINE

CONCRETE

4–STORY COMMERCIAL

METROPOLITAN AVENUE

FORMER ASTs FROM HISTORICAL MOSF

COMMERCIAL YARD AND BUILDINGS

LEGEND:

- PROPERTY LINE
- CHAIN LINK FENCE
- MONITORING WELL
- GEOPROBE LOCATION
- EXCAVATION BOUNDARY
- 5.43 GROUNDWATER ELEVATION (feet)
- GROUNDWATER FLOW DIRECTION

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46–81 METROPOLITAN AVE.
RIDGEWOOD, NEW YORK

GROUNDWATER CONTOUR MAP

FIGURE # 8

TABLES

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Table 1

PID Field Screening Results

46-81 Metropolitan Avenue
Ridgewood, New York

Sample ID	PID Reading (ppm)
NW-1	47.1
NW-2	66.4
NW-3	56.6
WW-1	46.9
EW-1	15.9
EW-2	6.1
EW-3	1.8
SW-1	51.7
SW-2	34.4
SW-3	21.6
SW-4	56.6

Notes:

1. Concentration Units = ppm (parts per million)
2. PID = Photoionization Detector

EnviroTrac
Environmental Services

Table 2

Summary of Analytical Results for Exterior Post-Excavation Soil Sampling

46-81 Metropolitan Avenue
Ridgewood, New York

Analytical Parameter	NW-1 9/24/2019	NW-2 9/25/2019	NW-3 9/25/2019	WW-1 9/24/2019	EW-1 9/26/2019	East Sidewall #2 EW-2 9/27/2019	East Sidewall # 3 EW-3 9/27/2019	SW-1 9/24/2019	SW-2 9/25/2019	SW-3 9/25/2019	SW-4 9/26/2019	NYSDEC SCO Unrestricted Use	NYSDEC SCO Commercial Use
VOCs													
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	60	44,000
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	700	500,000
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,000	390,000
m,p-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-
o-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-
Xylene (Total)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	260	500,000
MTBE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	930	500,000
Isopropylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,300	-
n-Propylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,900	500,000
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8,400	190,000
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,600	190,000
sec-butylbenzene	ND	ND	ND	ND	ND	1.5	ND	ND	ND	ND	ND	11,000	-
p-Isopropyltoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	-
n-Butylbenzene	ND	ND	ND	ND	ND	1.3	ND	ND	ND	ND	ND	12,000	-
Naphthalene	ND	2.9	ND	ND	ND	2.4	ND	ND	ND	ND	ND	12,000	500,000
tert-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5,900	-
Total VOCs	ND	2.9	ND	ND	ND	5.2	ND	ND	ND	ND	ND	-	-
SVOCs													
Acenaphthylene	ND	370	ND	ND	ND	ND	ND	ND	ND	ND	ND	100,000	500,000
Anthracene	310	1,000	ND	340	ND	ND	ND	ND	1,400	ND	1,200	100,000	500,000
Benzo(a)anthracene	870	**3,200**	300	**1,200**	ND	ND	400	970	**2,800**	400	**2,700**	1,000	5,600
Benzo(a)pyrene	840	**3,300**	380	**1,300**	ND	ND	380	**1,100**	**2,100**	390	**2,600**	1,000	1,000
Benzo(b)fluoranthene	740	**3,500**	380	**1,100**	ND	ND	290	860	**1,700**	340	**2,200**	1,000	5,600
Benzo(g,h,i)perylene	560	2,000	330	870	ND	ND	ND	650	1,000	ND	1,400	100,000	500,000
Benzo(k)fluoranthene	720	**2,000**	330	**1,100**	ND	ND	320	**860**	**1,500**	320	**2,200**	800	56,000
Chrysene	910	**3,400**	330	**1,300**	ND	ND	390	1,000	**2,800**	440	**3,000**	1,000	56,000
Dibenz(a,h)anthracene	ND	**470**	ND	ND	ND	ND	ND	ND	300	ND	**370**	330	560
Fluoranthene	2,000	6,300	450	2,600	ND	ND	760	2,000	5,200	770	7,000	100,000	500,000
Fluorene	ND	440	ND	ND	ND	ND	ND	ND	410	ND	610	30,000	500,000
Indeno(1,2,3-cd)pyrene	**600**	**2,200**	320	**920**	ND	ND	ND	**700**	**1,100**	ND	**1,600**	500	5,600
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	330	12,000	500,000
Phenanthrene	1,500	4,800	290	1,500	ND	ND	350	970	4,900	500	7,200	100,000	500,000
Pyrene	1,800	5,900	410	2,500	ND	ND	710	2,000	5,100	710	6,400	100,000	500,000
Total SVOCs	10,850	38,880	3,520	14,730	ND	ND	3,600	11,110	30,310	3,870	38,810	100,000	500,000

Notes:

1. Concentration Units = ug/kg (micrograms per kilogram).
2. Laboratory analysis via EPA Method 8260 and 8270 (CP-51 List of VOCs and SVOCs).
3. ND = Not detected above the method detection limit of the laboratory.
4. VOCs = Volatile Organic Compounds
5. SVOCs = Semi Volatile Organic Compounds
6. SCO = Soil Cleanup Objectives
7. Highlighted values exceed their New York State Department of Enviornmental Conservation (NYSDEC) SCOs.

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Table 3

Summary of Analytical Results for Interior Post-Excavation Soil Sampling

46-18 Metropolitan Avenue
Ridgewood, New York

Analytical Parameter	UST West Side Wall #1 10/9/2019	UST West Side Wall #2 10/9/2019	UST West Side Wall #3 10/9/2019	UST East Side Wall #1 10/15/2019	UST East Side Wall #2 10/15/2019	UST East Side Wall #3 10/15/2019	NYSDEC SCO Unrestricted Use	NYSDEC SCO Commercial Use
VOCs								
Benzene	ND	18	26	2	ND	ND	60	44,000
Toluene	ND	2	7	2	ND	ND	700	500,000
Ethylbenzene	ND	1.8	45	2.1	ND	ND	1,000	390,000
m,p-Xylene	ND	8.6	53	460	ND	ND	-	-
o-Xylene	ND	3.3	12	3.7	ND	ND	-	-
Xylene (Total)	ND	11.9	65	**463.7**	ND	ND	260	500,000
MTBE	2.6	3.9	4.3	ND	ND	ND	930	500,000
Isopropylbenzene	1	13	41	3.2	ND	ND	2,300	-
n-Propylbenzene	1.6	13	80	4.5	ND	ND	3,900	500,000
1,3,5-Trimethylbenzene	ND	5.9	140	250	ND	ND	8,400	190,000
1,2,4-Trimethylbenzene	ND	5.6	120	460	ND	ND	3,600	190,000
sec-butylbenzene	3.6	13	31	1.7	ND	17	11,000	-
p-Isopropyltoluene	ND	3.6	19	ND	ND	ND	10,000	-
n-Butylbenzene	5.1	7.4	41	1.3	ND	20	12,000	-
Naphthalene	11	150	260	430	ND	130	12,000	500,000
tert-Butylbenzene	ND	2	1.9	ND	ND	6.4	5,900	-
Total VOCs	24.9	263	945.8	2,084	ND	173.4	-	-
SVOCs								
Acenaphthylene	ND	ND	ND	ND	ND	ND	100,000	500,000
Anthracene	ND	ND	ND	450	ND	ND	100,000	500,000
Benzo(a)anthracene	ND	ND	ND	**1,700**	570	ND	1,000	5,600
Benzo(a)pyrene	ND	ND	ND	**1,500**	620	ND	1,000	1,000
Benzo(b)fluoranthene	ND	ND	ND	**1,200**	560	ND	1,000	5,600
Benzo(g,h,i)perylene	ND	ND	ND	700	360	ND	100,000	500,000
Benzo(k)fluoranthene	ND	ND	ND	**1,600**	530	ND	800	56,000
Chrysene	ND	ND	ND	**1,800**	580	ND	1,000	56,000
Dibenz(a,h)anthracene	ND	ND	ND	290	ND	ND	330	560
Fluoranthene	ND	ND	ND	3,200	1,200	ND	100,000	500,000
Fluorene	ND	ND	ND	ND	ND	450	30,000	500,000
Indeno(1,2,3-cd)pyrene	ND	ND	ND	**790**	390	ND	500	5,600
Naphthalene	ND	ND	ND	ND	ND	ND	12,000	500,000
Phenanthrene	ND	ND	290	2,300	950	760	100,000	500,000
Pyrene	ND	ND	ND	2,700	1,100	ND	100,000	500,000
Total SVOCs	ND	ND	290	18,230	6,860	1,210	-	-

Notes:

1. Concentration Units = ug/kg (micrograms per kilogram).
2. Laboratory analysis via EPA Method 8260 and 8270 (CP-51 List of VOCs and SVOCs).
3. ND = Not detected above the method detection limit of the laboratory.
4. VOCs = Volatile Organic Compounds
5. SVOCs = Semi Volatile Organic Compounds
6. SCO = Soil Cleanup Objectives
7. Highlighted values exceed their New York State Department of Enviornmental Conservation (NYSDEC) SCOs.

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Table 4

Summary of Analytical Results for Groundwater Monitoring Wells

46-18 Metropolitan Avenue
Ridgewood, New York

Analytical Parameter	MW-1 10/28/2019	MW-2 10/28/2019	MW-3 10/28/2019	MW-4 10/28/2019	MW-5 10/28/2019	MW-6 10/28/2019	MW-7 10/28/2019	MW-8 10/28/2019	MW-9 10/28/2019	MW-10 10/28/2019	MW-11 10/28/2019	MW112 10/28/2019	NYSDEC Class GA Ambient Water Quality Standards
VOCs													
Benzene	**4**	**8.9**	**2.2**	**2.4**	**7.9**	**4.4**	**16**	**15**		**1.6**	ND	1	1
Toluene	ND	2.3	ND	**32**	**290**	**8.9**	**67**	**63**		ND	ND	ND	5*
Ethylbenzene	ND	**13**	ND	**7.9**	**180**	ND	**21**	**26**		2.5	ND	ND	5*
m,p-Xylene	ND	ND	ND	**30**	**770**	5	**93**	**110**		4.4	ND	ND	5*
o-Xylene	ND	ND	ND	**17**	**360**	ND	**49**	**45**		ND	ND	ND	5*
Xylene (Total)	ND	ND	ND	47	1,130	5	142	155		4.4	ND	ND	-
MTBE	2.1	3	ND	ND	5.4	**14**	**30**	**21**		ND	ND	ND	10
Isopropylbenzene	ND	ND	ND	ND	30	ND	2.5	5		6.2	1.6	2.1	5*
n-Propylbenzene	ND	3.3	ND	ND	**98**	ND	**8.2**	**11**	NSP	5	ND	ND	5*
1,3,5-Trimethylbenzene	ND	ND	ND	2.5	**170**	2.1	**24**	**35**		**7.3**	ND	ND	5*
1,2,4-Trimethylbenzene	ND	ND	ND	**8.6**	**630**	4.4	**87**	**95**		**24**	ND	1.4	5*
sec-butylbenzene	ND	ND	ND	ND	**10**	ND	1.3	2		**6.9**	**7.2**	**18**	5*
p-Isopropyltoluene	ND	ND	ND	ND	6.8	ND	ND	ND		1.4	ND	ND	5*
n-Butylbenzene	ND	ND	ND	ND	**15**	ND	2.1	2.3		**5.3**	4.4	**17**	5*
Naphthalene	3.4	4	ND	3	**89**	8.2	**90**	**70**		**20**	ND	9	10**
tert-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND		2.9	1.8	**5.4**	5*
Total VOCs	9.5	34.5	2.2	150	3,792.1	52	633.1	655.3		91.9	1.8	**5.4**	5*
SVOCs													
Methylnaphthalene	3	2.2	1.7	ND	25	ND	ND	27		1.7	0.7	3.8	-
Acenaphthene	1.1	9.2	8.2	ND	3.6	ND	ND	3.1		2.6	4.5	ND	20**
Acenaphthylene	ND	ND	ND	ND	ND	ND	ND	0.5		1	1.6	ND	-
Anthracene	ND	ND	ND	ND	ND	ND	ND	1.4		1.1	4.7	8.5	-
Benzo(a)anthracene	**0.1**	ND	ND	ND	ND	ND	ND	**1.2**		**0.6**	**1.1**	**5.1**	0.002**
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	ND	**0.8**		**0.3**	**0.5**	**2.5**	ND
Benzo(b)fluoranthene	ND	ND	ND	ND	ND	ND	ND	**0.6**		**0.3**	**0.5**	**2**	0.002**
Benzo(g,h,i)perylene	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	1.3	-
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	NSP	ND	ND	**1.7**	0.002**
Chrysene	ND	ND	ND	ND	ND	ND	ND	**1**		**0.5**	**1**	**3.9**	0.002**
Dibenz(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	0.4	-
Fluoranthene	ND	ND	ND	ND	ND	ND	ND	3.2		1.2	3	22	50**
Fluorene	ND	ND	ND	ND	1	ND	ND	3.7		3.9	9.2	28	50**
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	ND	ND	**0.6**		**0.3**	**0.47**	**2**	0.002**
Naphthalene	3.2	4.4	1.1	ND	**43**	ND	ND	**44**		1	1.4	**12**	10**
Phenanthrene	1	0.6	0.6	ND	1.2	ND	ND	6		2.5	9.7	34	50**
Pyrene	ND	ND	ND	ND	ND	ND	ND	2.9		1.5	5.6	29	50**
Total SVOCs	8.4	16.4	11.6	ND	74	ND	ND	96.1		18.5	44	156	50**

Notes:

1. Concentration Units = ug/L (micrograms per liter).
2. Laboratory analysis via EPA Method 8260 and 8270 (CP-51 List of VOCs and SVOCs).
3. ND = Not detected above the method detection limit of the laboratory.
4. NSP = Not Sampled due to the presence of Product
5. VOCs = Volatile Organic Compounds
6. SVOCs = Semi Volatile Organic Compounds
7. * = The principal organic contaminant standard applies.
8. ** = The guidance value applies.
9. MW-9 was not sampled due to free-phase product detected in the monitoring well.
10. **Bolded** values exceed their New York State Department of Enviornmental Conservation (NYSDEC) Class GA Ambient Water Quality Standards.

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Table 5

Summary of Analytical Results for Soil Boring Sampling

46-18 Metropolitan Avenue
Ridgewood, New York

Analytical Parameter	GP-A 3'-5' 10/22/2019	GP-B 3'-5' 10/22/2019	GP-C 3'-5' 10/22/2019	GP-D 3'-5' 10/22/2019	GP-E 3'-5' 10/22/2019	GP-F 3'-5' 10/22/2019	GP-G 3'-5' 10/22/2019	NYSDEC SCO Unrestricted Use	NYSDEC SCO Commercial Use
VOCs									
Benzene	ND	ND	ND	ND	ND	ND	ND	60	44,000
Toluene	ND	ND	ND	ND	ND	ND	ND	700	500,000
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	1,000	390,000
m,p-Xylene	ND	ND	ND	ND	ND	ND	ND	-	-
o-Xylene	ND	ND	ND	ND	ND	ND	ND	-	-
Xylene (Total)	ND	ND	ND	ND	ND	ND	ND	260	500,000
MTBE	ND	ND	ND	ND	ND	ND	ND	930	500,000
Isopropylbenzene	120	**3,300**	260	460	350	ND	460	2,300	-
n-Propylbenzene	130	3,800	ND	390	650	ND	280	3,900	500,000
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	8,400	190,000
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	3,600	190,000
sec-butylbenzene	1,900	9,100	1,100	1,800	510	ND	1,700	11,000	-
p-Isopropyltoluene	ND	ND	220	310	ND	ND	ND	10,000	-
n-Butylbenzene	1,100	6,400	610	1,800	670	ND	1,700	12,000	-
Naphthalene	ND	ND	730	350	1,800	470	340	12,000	500,000
tert-Butylbenzene	330	ND	340	480	ND	ND	240	5,900	-
Total VOCs	3,580	22,600	3,260	5,590	3,980	470	4,720	-	-
SVOCs									
Acenaphthene	2,900	2,800	2,900	ND	ND	ND	1,900	20,000	500,000
Acenaphthylene	ND	ND	710	ND	ND	1,100	ND	100,000	500,000
Anthracene	3,400	1,300	6,300	ND	ND	1,200	690	100,000	500,000
Benzo(a)anthracene	**2,000**	360	**22,000**	ND	ND	**3,700**	350	1,000	5,600
Benzo(a)pyrene	**1,700**	ND	**19,000**	320	ND	**3,800**	ND	1,000	1,000
Benzo(b)fluoranthene	**1,500**	ND	**18,000**	ND	ND	**4,600**	ND	1,000	5,600
Benzo(g,h,i)perylene	1,100	ND	12,000	450	ND	2,100	ND	100,000	500,000
Benzo(k)fluoranthene	**1,400**	ND	**16,000**	ND	ND	**3,700**	ND	800	56,000
Chrysene	**2,300**	470	**21,000**	ND	ND	**4,100**	380	1,000	56,000
Dibenz(a,h)anthracene	ND	ND	**4,600**	ND	ND	**610**	ND	330	560
Fluoranthene	4,900	930	46,000	640	350	6,700	890	100,000	500,000
Fluorene	6,000	5,300	4,200	440	ND	310	3,300	30,000	500,000
Indeno(1,2,3-cd)pyrene	**1,200**	ND	**14,000**	ND	ND	**2,500**	ND	500	5,600
Naphthalene	1,200	ND	2,200	ND	ND	690	420	12,000	500,000
Phenanthrene	7,800	13,000	33,000	1,400	ND	2,100	6,700	100,000	500,000
Pyrene	7,600	2,100	39,000	700	ND	7,000	960	100,000	500,000
Total SVOCs	45,000	26,260	260,910	3,950	350	44,210	15,590	-	-

Notes:

1. Concentration Units = ug/kg (micrograms per kilogram).
2. Laboratory analysis via EPA Method 8260 and 8270 (CP-51 List of VOCs and SVOCs).
3. ND = Not detected above the method detection limit of the laboratory.
4. VOCs = Volatile Organic Compounds
5. SVOCs = Semi Volatile Organic Compounds
6. SCO = Soil Cleanup Objectives
7. Highlighted values exceed their New York State Department of Enviornmental Conservation (NYSDEC) SCOs.

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Table 6

Summary of Groundwater Monitoring Well Gauging Data

46-18 Metropolitan Avenue
Ridgewood, New York

Sample ID / Date	Depth To Water (feet below top of casing) 10/28/2019	Depth To Water (feet below top of casing) 11/20/2019	Depth To Product (feet below top of casing) 10/28/2019	Depth To Product (feet below top of casing) 11/20/2019	Depth To Bottom (feet below top of casing) 11/20/2019	Depth To Bottom (feet below top of casing) 10/28/2019	Casing Elevation (feet above mean sea level) 10/28/2019	Water Table Elevation (feet above mean sea level) 10/28/2019
MW#1	1.80	NM	ND	ND	-	6.75	7.23	5.43
MW#2	1.94	NM	ND	ND	-	6.20	7.22	5.28
MW#3	1.97	NM	ND	ND	-	6.35	7.35	5.38
MW#4	1.93	NM	ND	ND	-	7.20	7.35	5.42
MW#5	1.94	NM	ND	ND	-	6.18	7.40	5.46
MW#6	2.20	NM	ND	ND	-	8.33	8.00	5.80
MW#7	2.26	NM	ND	ND	-	7.63	8.05	5.79
MW#8	2.18	NM	ND	ND	-	6.85	7.98	5.80
MW#9	2.61	2.96	Trace	2.95	0.01	9.61	6.60	3.99
MW#10	3.20	3.53	ND	ND	-	9.50	6.16	2.96
MW#11	3.85	3.00	ND	ND	-	8.95	5.30	1.45
MW#12	3.70	3.80	ND	ND	-	7.50	6.06	2.36

Notes:
NM = Not Measured
ND = Not Detected

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APPENDICES

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APPENDIX A

Photographic Documentation

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Photograph 1: View of the removal of the asphalt pavement to the southeast of the garages in AOC 1.



Photograph 2: View of the excavated area to the southeast of the garages (AOC 1), facing northwest. The excavation is filled with water due to the high, water table beneath the property.



Photograph 3: View of the excavation facing south in AOC 1.



Photograph 4: View of the former fill ports associated with the abandoned gasoline USTs located beneath the concrete floor in Bays 1 and 2 (AOC 1).



Photograph 5: View of the interior of Bays 1 and 2 (AOC 1). The abandoned gasoline USTs and their associated piping have been marked out following a geophysical survey and excavations of the UST clusters have begun.



Photograph 6: View of some of the abandoned gasoline USTs located beneath the floor within Bays 1 and 2 (AOC 1), which were identified during the geophysical survey and marked out with spray paint.



Photograph 7: Removal of the concrete floor within Bays 1 and 2.



Photograph 8: View of petroleum-impacted soil from around the abandoned gasoline USTs that was removed and stockpiled on-Site.



Photograph 9: View of the excavation area within Bays 1 and 2.



Photograph 10: View of the uncovered abandoned gasoline USTs within Bays 1 and 2.



Photograph 11: View of the excavator equipment removing one of the gasoline USTs.



Photograph 12: View of the removed gasoline USTs (AOC 1).



Photograph 13: View of the excavation following the removal of the gasoline USTs within Bays 1 and 2.



Photograph 14: View of the backfill prior to being placed in the excavation.



Photograph 15: View of one of the installed groundwater monitoring wells located to the southeast of the garages in AOC 1.



Photograph 16: View of groundwater monitoring wells, MW-4 and MW-5, located to the southeast of the garages in AOC 1.



Photograph 17: View of groundwater monitoring well MW-1 in AOC 1.



Photograph 18: View of groundwater monitoring well MW-2 in AOC 1.



Photograph 19: View of groundwater monitoring wells, MW-2 and MW-3, facing south, in AOC 1.



Photograph 20: View of the installation of groundwater monitoring wells MW-6, MW-7, and MW-8 within Bays 1 and 2.



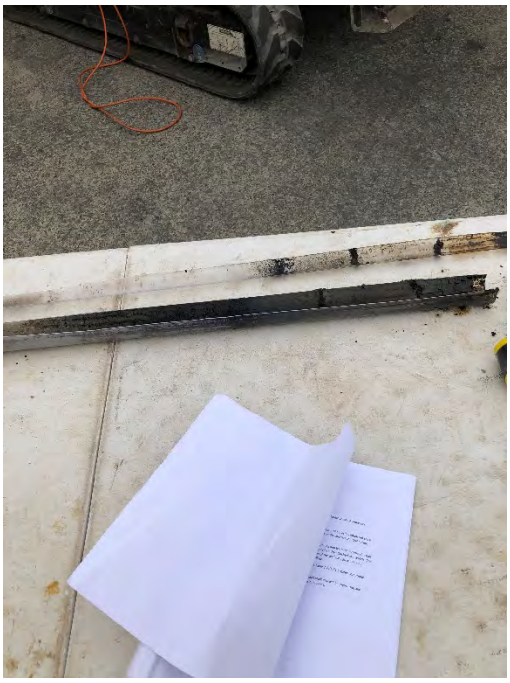
Photograph 21: View of the backfilled excavation within Bays 1 and 2.



Photograph 22: View of the replaced asphalt pavement in the area to the southeast of the garages.



Photograph 23: View of the installation of a soil boring in AOC 2.



Photograph 24: View of a soil core containing petroleum-impacted soil collected from AOC 2.



Photograph 25: View of a monitoring well being installed along the northwestern property perimeter in AOC 2.



Photograph 26: View of a soil core containing fill material and petroleum-impacted soil in AOC 2.



Photograph 27: View of a groundwater monitoring well manhole cover finished flush-to-grade in AOC 2.



Photograph 28: View of the drill cuttings generated during the monitoring well installation in AOC 2.

APPENDIX B

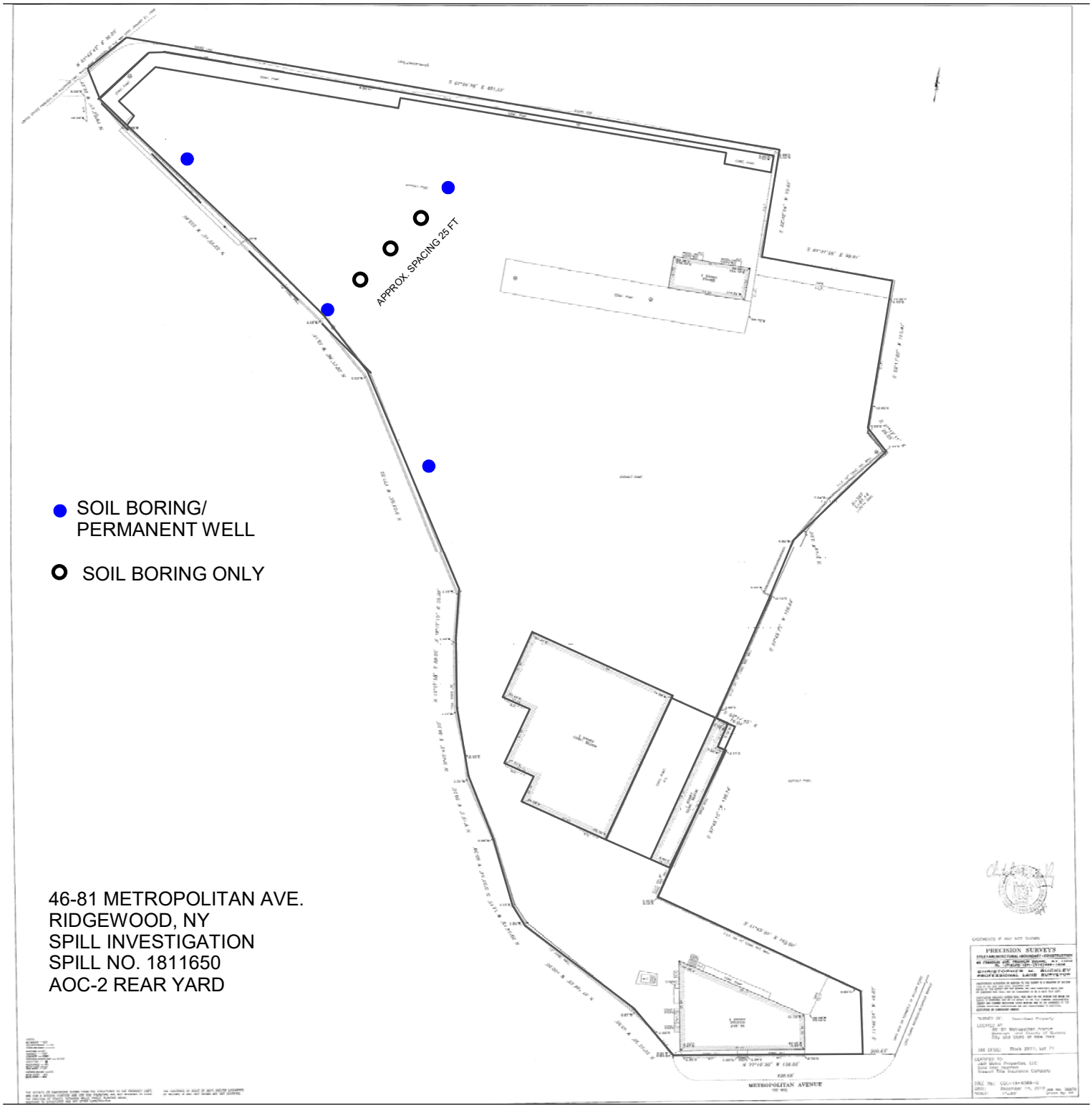
Memorandums from Edgewater Environmental, Inc.

EnviroTrac
Environmental Services

46-81 Metropolitan Ave, Ridgewood, NY
Spill Investigation – AOC-2: Rear Yard
Spill No. 1811650

Purpose: Investigate the source of the petroleum affecting the 46-81 Metropolitan Avenue site.

- Soil borings will be drilled along a transect at 25-foot intervals until no visibly impacted soil is observed and at the two additional well locations indicated on the site sketch. Soil boring depth is anticipated to be 5-foot below grade.
- Permanent 4-inch monitoring wells will be installed at beginning and terminal borings (2 total) and at the two additional locations along the wall as indicated on the attached site sketch. The depth of the wells will be determined in the field. The top of the well casings will be field surveyed to assist in determining the local groundwater flow.
- Soil and groundwater samples will be analyzed for CP-51 Table 3 volatile organic compound (VOC) and semi-volatile organic compound (SVOC) list.
- After the wells have come to equilibrium, floating product thickness will be measured, and samples of the petroleum will be collected for fingerprint analysis.


APPROX. SPACING 25 FT
SOIL BORING/
PERMANENT WELL
SOIL BORING ONLY
46-81 METROPOLITAN AVE.
RIDGEWOOD, NY
SPILL INVESTIGATION
SPILL NO. 1811650
AOC-2 REAR YARD
METROPOLITAN AVENUE
PRECISION SURVEYS

EDGEWATER ENVIRONMENTAL

MEMORANDUM

DATE:	June 23, 2019
TO:	Hiralkumar Patel
CC:	James Juliano/Tyler Juliano
FROM:	Stephen Hix
SUBJECT:	46-81 Metropolitan Ave Spill No. 1811650 Findings of the Contaminated Soil Delineation Investigation Former UST Location – South Area

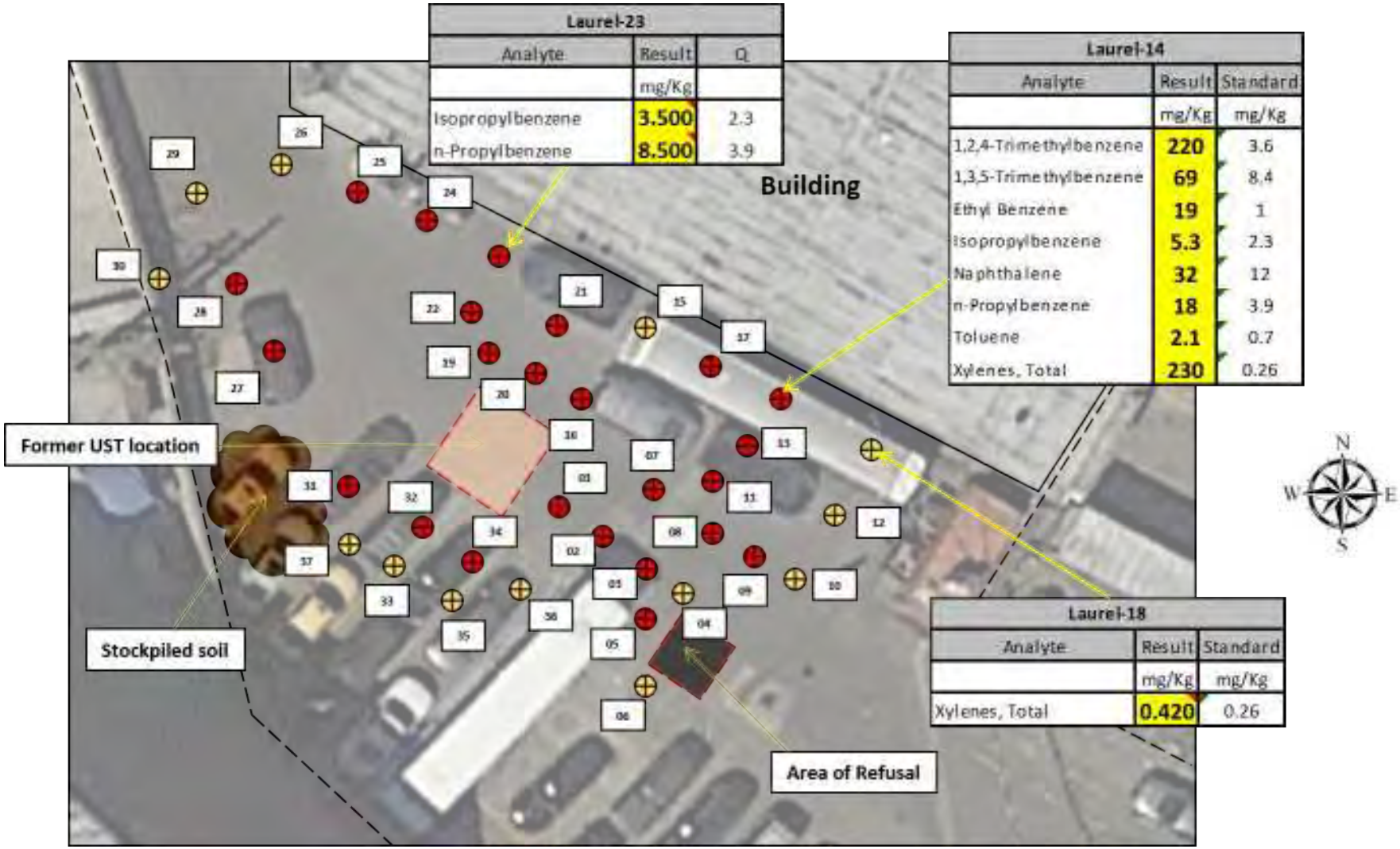
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This memorandum summarizes the delineation of the impacted soils related to former underground storage tank (UST) that had been located the front of the building. The delineation fieldwork was completed in the front area on May 9, 2019.

- The areas affected by the petroleum were delineated using a Geoprobe direct-push rig and drilling to the water table, typically encountered at four to five feet below grade. The soil samples were assessed by visual and odor characteristics and screened with a photoionization detector (PID) to determine the relative level of contamination.
- The former UST area was delineated based on the relative PID readings and presented on the attached site sketch. The relative threshold for "Clean" and "Dirty" was 100 ppm. Upon estimating the "clean" soil samples had been reached based on the screening, soil samples were collected for volatile organic compounds (VOC) analysis to document the VOC concentrations and compared to the CP-51 Soil Cleanup Guidance Policy. Two soil samples (Laurel 14 and 23) were also collected from "dirty" borings to document the conditions along the front of building.
- See Figure 1 for site sketch/spider diagram for the samples that exceeded the CP-51 SCOs. The summary table and laboratory report for the fourteen confirmatory soil samples is attached. The depth of the soil samples collected are indicated with a highlighted cell on the PID summary table.
- "Clean" confirmatory samples could not be found along the front wall of the building. As requested by the NYSDEC, additional delineation will extend into the building, north of boring Laurel-14.
- Based on the findings of the contamination delineation, the extent of the impacted soil is shown on the attached sketch and the area and volume of impacted soil was estimated (Figure 2). The footprint of the impacted soil is 5,400 sf, and with the estimated depth of excavation of 5 ft: approximately 1,000 cy of soil will be excavated.

FIGURE 1

FIGURE 1



NOT TO SCALE

Samples compared against NYSDEC
CP-51 Table 2 Gasoline Contamination Standards

All samples prefixed "Laurel"

Laurel
ENVIRONMENTAL GEOSCIENCES DPC

53 West Hills Road
Huntington Station, NY 11746

PHONE: 631-673-0612
FAX: 631-427-5323

WWW.LAURELENV.COM

SITE SKETCH WITH BORING LOCATIONS AND EXCEEDANCES

46-81, 46-91 Metropolitan Avenue
Ridgewood, Brooklyn, New York

PROJECT #: 19-190

DRAWING DATE: 5-15-2019

DRAWN BY: JB

CHECKED BY: BMC

REVISIONS: NA

KEY

- Field screened boring: dirty
- Field screened boring: clean
- Property boundary

Laurel makes no guarantees as to the accuracy of this drawing and it should only be used for informational purposes.

46-81 Metropolitan Ave. - Former UST Area - Delineation Borings - PID Readings and Sample Intervals for Lab Analysis

Laurel-01	
Depth (ft)	Reading (ppm)
0 to 1	540
1 to 2	218
2 to 3	320
3 to 4	106
4 to 5	86

Laurel-02	
Depth (ft)	Reading (ppm)
0 to 1	460
1 to 2	727
2 to 3	849
3 to 4	700
4 to 5	640

Laurel-03	
Depth (ft)	Reading (ppm)
0 to 1	140
1 to 2	90
2 to 3	760
3 to 4	340
4 to 5	70

Laurel-04	
Depth (ft)	Reading (ppm)
0 to 1	7
1 to 2	0
2 to 3	0
3 to 4	65
4 to 5	6

Laurel-05	
Depth (ft)	Reading (ppm)
0 to 1	90
1 to 2	108
2 to 3	82
3 to 4	70
4 to 5	16

Laurel-06	
Depth (ft)	Reading (ppm)
0 to 1	No Recovery
1 to 2	No Recovery
2 to 3	No Recovery
3 to 4	0.9
4 to 5	0

Laurel-07	
Depth (ft)	Reading (ppm)
0 to 1	690
1 to 2	46
2 to 3	100
3 to 4	660
4 to 5	148

Laurel-08	
Depth (ft)	Reading (ppm)
0 to 1	321
1 to 2	82
2 to 3	90
3 to 4	240
4 to 5	119

Laurel-09	
Depth (ft)	Reading (ppm)
0 to 1	98
1 to 2	52
2 to 3	166
3 to 4	192
4 to 5	48

Laurel-10	
Depth (ft)	Reading (ppm)
0 to 1	10
1 to 2	0
2 to 3	92
3 to 4	17
4 to 5	9

Laurel-11	
Depth (ft)	Reading (ppm)
0 to 1	22
1 to 2	30
2 to 3	64
3 to 4	290
4 to 5	170

Laurel-12	
Depth (ft)	Reading (ppm)
0 to 1	10
1 to 2	21
2 to 3	4
3 to 4	9
4 to 5	17

Laurel-13	
Depth (ft)	Reading (ppm)
0 to 1	41
1 to 2	28
2 to 3	570
3 to 4	49
4 to 5	21

Laurel-14	
Depth (ft)	Reading (ppm)
0 to 1	19
1 to 2	110
2 to 3	360
3 to 4	Refusal
4 to 5	Refusal

Laurel-15	
Depth (ft)	Reading (ppm)
0 to 1	19
1 to 2	33
2 to 3	12
3 to 4	8
4 to 5	0

Laurel-16	
Depth (ft)	Reading (ppm)
0 to 1	101
1 to 2	33
2 to 3	65
3 to 4	365
4 to 5	102

Laurel-17	
Depth (ft)	Reading (ppm)
0 to 1	16
1 to 2	68
2 to 3	142
3 to 4	395
4 to 5	96

Laurel-18	
Depth (ft)	Reading (ppm)
0 to 1	68
1 to 2	10
2 to 3	0
3 to 4	9
4 to 5	10

Laurel-19	
Depth (ft)	Reading (ppm)
0 to 1	12
1 to 2	2
2 to 3	2
3 to 4	Refusal
4 to 5	Refusal

Laurel-20	
Depth (ft)	Reading (ppm)
0 to 1	4
1 to 2	16
2 to 3	159
3 to 4	No Recovery
4 to 5	No Recovery

Laurel-21	
Depth (ft)	Reading (ppm)
0 to 1	10
1 to 2	0
2 to 3	0
3 to 4	100
4 to 5	20

Laurel-22	
Depth (ft)	Reading (ppm)
0 to 1	No Recovery
1 to 2	No Recovery
2 to 3	No Recovery
3 to 4	295
4 to 5	212

Laurel-23	
Depth (ft)	Reading (ppm)
0 to 1	No Recovery
1 to 2	No Recovery
2 to 3	No Recovery
3 to 4	263
4 to 5	105

Laurel-24	
Depth (ft)	Reading (ppm)
0 to 1	10
1 to 2	7
2 to 3	9
3 to 4	13
4 to 5	210

Laurel-25	
Depth (ft)	Reading (ppm)
0 to 1	350
1 to 2	90
2 to 3	10
3 to 4	10
4 to 5	252

Laurel-26	
Depth (ft)	Reading (ppm)
0 to 1	10
1 to 2	12
2 to 3	0
3 to 4	37
4 to 5	60

Laurel-27	
Depth (ft)	Reading (ppm)
0 to 1	3
1 to 2	4
2 to 3	5
3 to 4	390
4 to 5	357

Laurel-28	
Depth (ft)	Reading (ppm)
0 to 1	9
1 to 2	10
2 to 3	9
3 to 4	16
4 to 5	158

Laurel-29	
Depth (ft)	Reading (ppm)
0 to 1	2
1 to 2	8
2 to 3	7
3 to 4	9
4 to 5	9

Laurel-30	
Depth (ft)	Reading (ppm)
0 to 1	0
1 to 2	10
2 to 3	0
3 to 4	11
4 to 5	32

Laurel-31	
Depth (ft)	Reading (ppm)
0 to 1	44
1 to 2	52
2 to 3	30
3 to 4	380
4 to 5	130

Laurel-32	
Depth (ft)	Reading (ppm)
0 to 1	48
1 to 2	10
2 to 3	11
3 to 4	210
4 to 5	110

Laurel-33	
Depth (ft)	Reading (ppm)
0 to 1	0
1 to 2	2
2 to 3	6
3 to 4	6
4 to 5	6

Laurel-34	
Depth (ft)	Reading (ppm)
0 to 1	60
1 to 2	10
2 to 3	40
3 to 4	122
4 to 5	120

Laurel-35	
Depth (ft)	Reading (ppm)
0 to 1	40
1 to 2	12
2 to 3	11
3 to 4	12
4 to 5	12

Laurel-36	
Depth (ft)	Reading (ppm)
0 to 1	4
1 to 2	5
2 to 3	6
3 to 4	6
4 to 5	6

Laurel-37	
Depth (ft)	Reading (ppm)
0 to 1	20
1 to 2	10
2 to 3	0
3 to 4	50
4 to 5	56

Laurel-38	
Depth (ft)	Reading (ppm)
0 to 1	2
1 to 2	0
2 to 3	0
3 to 4	0
4 to 5	0

KEY

Sampled/"Clean"

Sampled/"Dirty"

The highlighted sample intervals indicate the samples submitted for laboratory analysis

FIGURE 2



46-81 METROPOLITAN AVENUE, RIDGEWOOD, NY
FORMER UST AREA SPILL DELINEATION
SPILL# 1811650

NTS (Rough Scale 1"=50ft)

Summary Table

Sample ID York ID Sampling Date Client Matrix		NYSDEC CP/SCO Table 2-Gasoline	Laurel-4 19E0511-01 5/9/2019 8:35:00 AM Soil		Laurel-12 19E0511-02 5/9/2019 12:50:00 PM Soil		Laurel-14 19E0511-03 5/9/2019 11:10:00 AM Soil		Laurel-15 19E0511-04 5/9/2019 11:15:00 AM Soil		Laurel-18 19E0511-05 5/9/2019 11:40:00 AM Soil		Laurel-21 19E0511-06 5/9/2019 1:05:00 PM Soil	
Compound	**CAS Number**		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, CP-51 List		mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		500		1		1		1	
1,2,4-Trimethylbenzene	95-63-6	3.6	0.0120		0.0300		**220**	D	0.00940		0.0570		0.0350	J
1,3,5-Trimethylbenzene	108-67-8	8.4	0.00300	J	0.0150		**69**	D	0.00410	J	0.0210		0.0360	J
Benzene	71-43-2	0.06	0.00680		0.00300	U	**0.280**	U	0.00280	U	0.00250	U	0.0300	U
Ethyl Benzene	100-41-4	1	0.00640		0.00300	U	**19**	D	0.00280	U	0.0830		0.0300	U
Isopropylbenzene	98-82-8	2.3	0.0110		0.00300	U	**5.300**	D	0.00280	U	0.00920		0.0390	J
Naphthalene	91-20-3	12	0.0870		0.00430	J	**32**	D	0.00340	J	0.0200		0.0300	U
n-Propylbenzene	103-65-1	3.9	0.0350		0.00300	J	**18**	D	0.00280	U	0.00870		0.0550	J
Toluene	108-88-3	0.7	0.0120		0.00300	U	**2.100**	D	0.00280	U	0.0470		0.0300	U
Xylenes, Total	1330-20-7	0.26	0.0350		0.00890	U	**230**	D	0.0130	J	**0.420**		0.0890	U
Total Solids			%		%		%		%		%		%	
Dilution Factor			1		1		1		1		1		1	

NOTES:

Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

E=result is estimated and cannot be accurately reported due to levels encountered or interferences

P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC colu

NT=this indicates the analyte was not a target for this sample

~=this indicates that no regulatory limit has been established for this analyte

DISCLAIMER:

York Analytical Laboratories, Inc. is providing this information as a convenience to you. York makes no representations or warranties that these data are accurate, complete or represent the latest regulatory authority limits or analytes. York is not responsible for any errors or omissions in these specific regulations. Your use of these data constitute your understanding of these limitations and you agree to hold York harmless from any and all action

Sample ID York ID Sampling Date Client Matrix		NYSDEC CP/SCO Table 2-Gasoline	Laurel-23 19E0511-07 6/9/2019 1:30:00 PM Soil		Laurel-26 19E0511-08 6/9/2019 2:15:00 PM Soil		Laurel-29 19E0511-09 6/9/2019 2:40:00 PM Soil		Laurel-30 19E0511-10 6/9/2019 2:50:00 PM Soil		Laurel-33 19E0511-11 6/9/2019 3:20:00 PM Soil		Laurel-35 19E0511-12 6/9/2019 3:40:00 PM Soil	
Compound	**CAS Number**		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, CP-51 List		mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			100		1		1		1		1		1	
1,2,4-Trimethylbenzene	95-63-6	3.6	0.320	U	0.0320	U	0.00330	U	0.00680		0.00300	U	0.00260	U
1,3,5-Trimethylbenzene	108-67-8	8.4	0.320	U	0.0320	U	0.00330	U	0.00310	U	0.00300	U	0.00260	U
Benzene	71-43-2	0.06	**0.320**	U	0.0320	U	0.00330	U	0.00310	U	0.00300	U	0.00260	U
Ethyl Benzene	100-41-4	1	0.320	U	0.0320	U	0.00330	U	0.00310	U	0.00300	U	0.0240	
Isopropylbenzene	98-82-8	2.3	**3.500**	D	1.200		0.00330	U	0.00310	U	0.00300	U	0.00260	U
Naphthalene	91-20-3	12	0.320	U	0.130		0.00610	J	0.00420	J	0.00300	U	0.00260	U
n-Propylbenzene	103-65-1	3.9	**8.500**	D	2.200		0.00330	U	0.00370	J	0.00300	U	0.00260	U
Toluene	108-88-3	0.7	0.320	U	0.0320	U	0.00330	U	0.00310	U	0.00300	U	0.0100	
Xylenes, Total	1330-20-7	0.26	**0.950**	U	0.0960	U	0.00990	U	0.00930	U	0.00890	U	0.130	
Total Solids			%		%		%		%		%		%	
Dilution Factor			1		1		1		1		1		1	

NOTES:

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Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection li
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due
P=this flag is used for pesticide and PCB (Aroclor) target compmns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established

DISCLAIMER:

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convenience to you. York makes no representations or warra
data are accurate, complete or represent the latest regulator
limits or analytes. York is not responsible for any errors or or
specific regulations. Your use of these data constitute your u
these limitations and you agree to hold York harmless from a

Sample ID York ID Sampling Date Client Matrix		NYSDEC CP/SCO Table 2-Gasoline	Laurel-36 19E0511-13 6/9/2019 3:42:00 PM Soil		Laurel-37 19E0511-14 6/9/2019 3:45:00 PM Soil	
Compound	**CAS Number**		Result	Q	Result	Q
Volatile Organics, CP-51 List		mg/Kg	mg/Kg		mg/Kg	
Dilution Factor			1		1	
1,2,4-Trimethylbenzene	95-63-6	3.6	0.0200		0.0740	
1,3,5-Trimethylbenzene	108-67-8	8.4	0.00860		0.0150	U
Benzene	71-43-2	0.06	0.00310	U	0.0150	U
Ethyl Benzene	100-41-4	1	0.00310	J	0.0150	J
Isopropylbenzene	98-82-8	2.3	0.00310	U	0.0440	
Naphthalene	91-20-3	12	0.00310	U	0.0810	
n-Propylbenzene	103-65-1	3.9	0.00310	U	0.0650	
Toluene	108-88-3	0.7	0.00460	J	0.0150	U
Xylenes, Total	1330-20-7	0.26	0.0200		0.0850	J
Total Solids			%		%	
Dilution Factor			1		1	

NOTES:

Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection li
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due
P=this flag is used for pesticide and PCB (Aroclor) target com
NT=this indicates the analyte was not a target for this sample
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these limitations and you agree to hold York harmless from a

LABORATORY REPORT

Technical Report

prepared for:

Laurel Environmental Geosciences, D.P.C.
53 W Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Report Date: 05/16/2019
Client Project ID: 46-81 Metropolitan Ave, Queens
York Project (SDG) No.: 19E0511

Revision No. 1.0

Report Date: 05/16/2019
Client Project ID: 46-81 Metropolitan Ave, Queens
York Project (SDG) No.: 19E0511

Laurel Environmental Geosciences, D.P.C.
53 W Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

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 May 10, 2019 with a temperature of 1.6 C. The project was identified as your project: **46-81 Metropolitan Ave, Queens**.

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 Sample and Analysis Qualifiers 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 Sample and Data Qualifiers Relating to This Work Order section of 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
19E0511-01	Laurel-4	Soil	05/09/2019	05/10/2019
19E0511-02	Laurel-12	Soil	05/09/2019	05/10/2019
19E0511-03	Laurel-14	Soil	05/09/2019	05/10/2019
19E0511-04	Laurel-15	Soil	05/09/2019	05/10/2019
19E0511-05	Laurel-18	Soil	05/09/2019	05/10/2019
19E0511-06	Laurel-21	Soil	05/09/2019	05/10/2019
19E0511-07	Laurel-23	Soil	05/09/2019	05/10/2019
19E0511-08	Laurel-26	Soil	05/09/2019	05/10/2019
19E0511-09	Laurel-29	Soil	05/09/2019	05/10/2019
19E0511-10	Laurel-30	Soil	05/09/2019	05/10/2019
19E0511-11	Laurel-33	Soil	05/09/2019	05/10/2019
19E0511-12	Laurel-35	Soil	05/09/2019	05/10/2019
19E0511-13	Laurel-36	Soil	05/09/2019	05/10/2019
19E0511-14	Laurel-37	Soil	05/09/2019	05/10/2019

General Notes for York Project (SDG) No.: 19E0511

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 analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By: 

Date: 05/16/2019

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: **Laurel-4** **York Sample ID:** **19E0511-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0511	46-81 Metropolitan Ave, Queens	Soil	May 9, 2019 8:35 am	05/10/2019

Volatile Organics, CP-51 (formerly STARS) List

Log-in Notes: VOA-CONT **Sample Notes:** **VOA-CONT**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	**1,2,4-Trimethylbenzene**	**12**		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/13/2019 12:30	05/14/2019 01:06 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	SS
108-67-8	**1,3,5-Trimethylbenzene**	**3.0**	J	ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/13/2019 12:30	05/14/2019 01:06 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	SS
71-43-2	**Benzene**	**6.8**		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/13/2019 12:30	05/14/2019 01:06 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	SS
100-41-4	**Ethyl Benzene**	**6.4**		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/13/2019 12:30	05/14/2019 01:06 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	SS
98-82-8	**Isopropylbenzene**	**11**		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/13/2019 12:30	05/14/2019 01:06 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/13/2019 12:30	05/14/2019 01:06 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	SS
91-20-3	**Naphthalene**	**87**		ug/kg dry	2.9	12	1	EPA 8260C Certifications:	05/13/2019 12:30	05/14/2019 01:06 NELAC-NY10854,NELAC-NY12058,PADEP,NJD	SS
104-51-8	**n-Butylbenzene**	**60**		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/13/2019 12:30	05/14/2019 01:06 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	SS
103-65-1	**n-Propylbenzene**	**35**		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/13/2019 12:30	05/14/2019 01:06 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	SS
95-47-6	**o-Xylene**	**4.8**	J	ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/13/2019 12:30	05/14/2019 01:06 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	SS
179601-23-1	**p- & m- Xylenes**	**30**		ug/kg dry	5.8	12	1	EPA 8260C Certifications:	05/13/2019 12:30	05/14/2019 01:06 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/13/2019 12:30	05/14/2019 01:06 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	SS
135-98-8	**sec-Butylbenzene**	**28**		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/13/2019 12:30	05/14/2019 01:06 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/13/2019 12:30	05/14/2019 01:06 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	SS
108-88-3	**Toluene**	**12**		ug/kg dry	2.9	5.8	1	EPA 8260C Certifications:	05/13/2019 12:30	05/14/2019 01:06 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	SS
1330-20-7	**Xylenes, Total**	**35**		ug/kg dry	8.8	18	1	EPA 8260C Certifications:	05/13/2019 12:30	05/14/2019 01:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*89.3 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*121 %*	*76-130*

Total Solids

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: **Laurel-4** **York Sample ID:** **19E0511-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0511	46-81 Metropolitan Ave, Queens	Soil	May 9, 2019 8:35 am	05/10/2019

Total Solids

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**85.6**		%	0.100	1	SM 2540G Certifications: CTDOH	05/13/2019 10:52	05/13/2019 16:06	TAJ

Sample Information

Client Sample ID: **Laurel-12** **York Sample ID:** **19E0511-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0511	46-81 Metropolitan Ave, Queens	Soil	May 9, 2019 12:50 pm	05/10/2019

Volatile Organics, CP-51 (formerly STARS) List

Log-in Notes: VOA-CONT **Sample Notes:** **VOA-CONT**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	**1,2,4-Trimethylbenzene**	**30**		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/13/2019 12:30	05/14/2019 01:32	SS
108-67-8	**1,3,5-Trimethylbenzene**	**15**		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/13/2019 12:30	05/14/2019 01:32	SS
71-43-2	Benzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/13/2019 12:30	05/14/2019 01:32	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/13/2019 12:30	05/14/2019 01:32	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/13/2019 12:30	05/14/2019 01:32	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/13/2019 12:30	05/14/2019 01:32	SS
91-20-3	**Naphthalene**	**4.3**	J	ug/kg dry	3.0	12	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJD	05/13/2019 12:30	05/14/2019 01:32	SS
104-51-8	**n-Butylbenzene**	**3.9**	J	ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/13/2019 12:30	05/14/2019 01:32	SS
103-65-1	**n-Propylbenzene**	**3.0**	J	ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/13/2019 12:30	05/14/2019 01:32	SS
95-47-6	o-Xylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/13/2019 12:30	05/14/2019 01:32	SS
179601-23-1	**p- & m- Xylenes**	**6.4**	J	ug/kg dry	6.0	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/13/2019 12:30	05/14/2019 01:32	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/13/2019 12:30	05/14/2019 01:32	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/13/2019 12:30	05/14/2019 01:32	SS

Sample Information

Client Sample ID: **Laurel-12** **York Sample ID:** **19E0511-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0511	46-81 Metropolitan Ave, Queens	Soil	May 9, 2019 12:50 pm	05/10/2019

Volatile Organics, CP-51 (formerly STARS) List

Log-in Notes: VOA-CONT **Sample Notes:** **VOA-CONT**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	05/13/2019 12:30	05/14/2019 01:32	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
108-88-3	Toluene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C	05/13/2019 12:30	05/14/2019 01:32	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.9	18	1	EPA 8260C	05/13/2019 12:30	05/14/2019 01:32	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*88.3 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*89.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*121 %*	*76-130*

Total Solids

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**83.9**		%	0.100	1	SM 2540G	05/13/2019 10:52	05/13/2019 16:06	TAJ
							Certifications: CTDOH			

Sample Information

Client Sample ID: **Laurel-14** **York Sample ID:** **19E0511-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0511	46-81 Metropolitan Ave, Queens	Soil	May 9, 2019 11:10 am	05/10/2019

Volatile Organics, CP-51 (formerly STARS) List

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	**1,2,4-Trimethylbenzene**	**220000**		ug/kg dry	1400	2800	500	EPA 8260C	05/14/2019 07:30	05/14/2019 14:54	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
108-67-8	**1,3,5-Trimethylbenzene**	**69000**		ug/kg dry	1400	2800	500	EPA 8260C	05/14/2019 07:30	05/14/2019 14:54	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
71-43-2	Benzene	ND	IS-HI	ug/kg dry	280	560	100	EPA 8260C	05/14/2019 07:30	05/14/2019 14:26	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
100-41-4	**Ethyl Benzene**	**19000**		ug/kg dry	280	560	100	EPA 8260C	05/14/2019 07:30	05/14/2019 14:26	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
98-82-8	**Isopropylbenzene**	**5300**		ug/kg dry	280	560	100	EPA 8260C	05/14/2019 07:30	05/14/2019 14:26	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			

Sample Information

Client Sample ID: Laurel-14 **York Sample ID:** 19E0511-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0511	46-81 Metropolitan Ave, Queens	Soil	May 9, 2019 11:10 am	05/10/2019

Volatile Organics, CP-51 (formerly STARS) List

Log-in Notes: VOA-CONT **Sample Notes:** VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	IS-HI	ug/kg dry	280	560	100	EPA 8260C	05/14/2019 07:30	05/14/2019 14:26	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
91-20-3	**Naphthalene**	**32000**		ug/kg dry	280	1100	100	EPA 8260C	05/14/2019 07:30	05/14/2019 14:26	RDS
								Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJD			
104-51-8	**n-Butylbenzene**	**9000**		ug/kg dry	280	560	100	EPA 8260C	05/14/2019 07:30	05/14/2019 14:26	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
103-65-1	**n-Propylbenzene**	**18000**		ug/kg dry	280	560	100	EPA 8260C	05/14/2019 07:30	05/14/2019 14:26	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
95-47-6	**o-Xylene**	**56000**		ug/kg dry	1400	2800	500	EPA 8260C	05/14/2019 07:30	05/14/2019 14:54	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
179601-23-1	**p- & m- Xylenes**	**170000**		ug/kg dry	2800	5600	500	EPA 8260C	05/14/2019 07:30	05/14/2019 14:54	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
99-87-6	**p-Isopropyltoluene**	**4800**		ug/kg dry	280	560	100	EPA 8260C	05/14/2019 07:30	05/14/2019 14:26	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
135-98-8	**sec-Butylbenzene**	**4800**		ug/kg dry	280	560	100	EPA 8260C	05/14/2019 07:30	05/14/2019 14:26	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
98-06-6	tert-Butylbenzene	ND		ug/kg dry	280	560	100	EPA 8260C	05/14/2019 07:30	05/14/2019 14:26	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
108-88-3	**Toluene**	**2100**		ug/kg dry	280	560	100	EPA 8260C	05/14/2019 07:30	05/14/2019 14:26	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
1330-20-7	**Xylenes, Total**	**230000**		ug/kg dry	4200	8400	500	EPA 8260C	05/14/2019 07:30	05/14/2019 14:54	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*72.6 %*	IS-HI, S-09	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.0 %*		*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*		*76-130*

Total Solids

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**88.8**		%	0.100	1	SM 2540G	05/13/2019 10:52	05/13/2019 16:06	TAJ
							Certifications: CTDOH			

Sample Information

Client Sample ID: Laurel-15 **York Sample ID:** 19E0511-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0511	46-81 Metropolitan Ave, Queens	Soil	May 9, 2019 11:15 am	05/10/2019

Sample Information

Client Sample ID: **Laurel-15** **York Sample ID:** **19E0511-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0511	46-81 Metropolitan Ave, Queens	Soil	May 9, 2019 11:15 am	05/10/2019

Volatile Organics, CP-51 (formerly STARS) List

Log-in Notes: VOA-CONT

Sample Notes: **VOA-CONT**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	**1,2,4-Trimethylbenzene**	**9.4**		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/14/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 14:48	SS
108-67-8	**1,3,5-Trimethylbenzene**	**4.1**	J	ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/14/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 14:48	SS
71-43-2	Benzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/14/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 14:48	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/14/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 14:48	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/14/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 14:48	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/14/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 14:48	SS
91-20-3	**Naphthalene**	**3.4**	J	ug/kg dry	2.8	11	1	EPA 8260C Certifications:	05/14/2019 07:30 NELAC-NY10854,NELAC-NY12058,PADEP,NJD	05/14/2019 14:48	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/14/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 14:48	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/14/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 14:48	SS
95-47-6	**o-Xylene**	**4.6**	J	ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/14/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 14:48	SS
179601-23-1	**p- & m- Xylenes**	**8.1**	J	ug/kg dry	5.5	11	1	EPA 8260C Certifications:	05/14/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 14:48	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/14/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 14:48	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/14/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 14:48	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/14/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 14:48	SS
108-88-3	Toluene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	05/14/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 14:48	SS
1330-20-7	**Xylenes, Total**	**13**	J	ug/kg dry	8.3	17	1	EPA 8260C Certifications:	05/14/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/14/2019 14:48	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*97.1 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*123 %*	*76-130*

Sample Information

Client Sample ID: **Laurel-15** **York Sample ID:** **19E0511-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0511	46-81 Metropolitan Ave, Queens	Soil	May 9, 2019 11:15 am	05/10/2019

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.3**		%	0.100	1	SM 2540G Certifications: CTDOH	05/13/2019 10:52	05/13/2019 16:06	TAJ

Sample Information

Client Sample ID: **Laurel-18** **York Sample ID:** **19E0511-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0511	46-81 Metropolitan Ave, Queens	Soil	May 9, 2019 11:40 am	05/10/2019

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	**1,2,4-Trimethylbenzene**	**57**	IS-LO	ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 12:34	RDS
108-67-8	**1,3,5-Trimethylbenzene**	**21**	IS-LO	ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 12:34	RDS
71-43-2	Benzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 12:34	RDS
100-41-4	**Ethyl Benzene**	**83**		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 12:34	RDS
98-82-8	**Isopropylbenzene**	**9.2**	IS-LO	ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 12:34	RDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 12:34	RDS
91-20-3	**Naphthalene**	**20**	IS-LO	ug/kg dry	2.5	10	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJD	05/14/2019 07:30	05/14/2019 12:34	RDS
104-51-8	**n-Butylbenzene**	**6.4**	IS-LO	ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 12:34	RDS
103-65-1	**n-Propylbenzene**	**8.7**	IS-LO	ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 12:34	RDS
95-47-6	**o-Xylene**	**110**		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 12:34	RDS
179601-23-1	**p- & m- Xylenes**	**310**		ug/kg dry	5.1	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 12:34	RDS
99-87-6	**p-Isopropyltoluene**	**6.6**	IS-LO	ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 12:34	RDS
135-98-8	**sec-Butylbenzene**	**12**	IS-LO	ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 12:34	RDS
98-06-6	tert-Butylbenzene	ND	IS-LO	ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 12:34	RDS

Sample Information

Client Sample ID: **Laurel-18** **York Sample ID:** **19E0511-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0511	46-81 Metropolitan Ave, Queens	Soil	May 9, 2019 11:40 am	05/10/2019

Volatile Organics, CP-51 (formerly STARS) List

Log-in Notes: VOA-CONT **Sample Notes:** **VOA-CONT**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	**Toluene**	**47**		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 12:34	RDS
1330-20-7	**Xylenes, Total**	**420**		ug/kg dry	7.6	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/14/2019 07:30	05/14/2019 12:34	RDS

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*94.3 %*		*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*130 %*	S-09	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*134 %*	IS-LO, S-09	*76-130*

Total Solids

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**98.6**		%	0.100	1	SM 2540G Certifications: CTDOH	05/13/2019 10:52	05/13/2019 16:06	TAJ

Sample Information

Client Sample ID: **Laurel-21** **York Sample ID:** **19E0511-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0511	46-81 Metropolitan Ave, Queens	Soil	May 9, 2019 1:05 pm	05/10/2019

Volatile Organics, CP-51 (formerly STARS) List

Log-in Notes: VOA-CONT **Sample Notes:** **VOA-CONT**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	**1,2,4-Trimethylbenzene**	**35**	J	ug/kg dry	30	59	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 14:23	SS
108-67-8	**1,3,5-Trimethylbenzene**	**36**	J	ug/kg dry	30	59	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 14:23	SS
71-43-2	Benzene	ND		ug/kg dry	30	59	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 14:23	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	30	59	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 14:23	SS
98-82-8	**Isopropylbenzene**	**39**	J	ug/kg dry	30	59	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 14:23	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	30	59	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 14:23	SS

Sample Information

Client Sample ID: Laurel-21 **York Sample ID:** 19E0511-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0511	46-81 Metropolitan Ave, Queens	Soil	May 9, 2019 1:05 pm	05/10/2019

Volatile Organics, CP-51 (formerly STARS) List

Log-in Notes: VOA-CONT **Sample Notes:** VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/kg dry	30	120	1	EPA 8260C	05/14/2019 07:30	05/14/2019 14:23	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJD		
104-51-8	**n-Butylbenzene**	**140**		ug/kg dry	30	59	1	EPA 8260C	05/14/2019 07:30	05/14/2019 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
103-65-1	**n-Propylbenzene**	**55**	J	ug/kg dry	30	59	1	EPA 8260C	05/14/2019 07:30	05/14/2019 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
95-47-6	o-Xylene	ND		ug/kg dry	30	59	1	EPA 8260C	05/14/2019 07:30	05/14/2019 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	59	120	1	EPA 8260C	05/14/2019 07:30	05/14/2019 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	30	59	1	EPA 8260C	05/14/2019 07:30	05/14/2019 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
135-98-8	**sec-Butylbenzene**	**160**		ug/kg dry	30	59	1	EPA 8260C	05/14/2019 07:30	05/14/2019 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	30	59	1	EPA 8260C	05/14/2019 07:30	05/14/2019 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
108-88-3	Toluene	ND		ug/kg dry	30	59	1	EPA 8260C	05/14/2019 07:30	05/14/2019 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
1330-20-7	Xylenes, Total	ND		ug/kg dry	89	180	1	EPA 8260C	05/14/2019 07:30	05/14/2019 14:23	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*95.4 %*		*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*		*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*140 %*	S-09	*76-130*

Total Solids

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**84.4**		%	0.100	1	SM 2540G	05/13/2019 10:52	05/13/2019 16:06	TAJ
							Certifications:	CTDOH		

Sample Information

Client Sample ID: Laurel-23 **York Sample ID:** 19E0511-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0511	46-81 Metropolitan Ave, Queens	Soil	May 9, 2019 1:30 pm	05/10/2019

Sample Information

Client Sample ID: **Laurel-23** **York Sample ID:** **19E0511-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0511	46-81 Metropolitan Ave, Queens	Soil	May 9, 2019 1:30 pm	05/10/2019

Volatile Organics, CP-51 (formerly STARS) List

Log-in Notes: VOA-CONT **Sample Notes:** **VOA-CONT**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	320	630	100	EPA 8260C	05/14/2019 07:30	05/14/2019 13:27	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	320	630	100	EPA 8260C	05/14/2019 07:30	05/14/2019 13:27	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
71-43-2	Benzene	ND		ug/kg dry	320	630	100	EPA 8260C	05/14/2019 07:30	05/14/2019 13:27	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
100-41-4	Ethyl Benzene	ND		ug/kg dry	320	630	100	EPA 8260C	05/14/2019 07:30	05/14/2019 13:27	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
98-82-8	**Isopropylbenzene**	**3500**		ug/kg dry	320	630	100	EPA 8260C	05/14/2019 07:30	05/14/2019 13:27	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	320	630	100	EPA 8260C	05/14/2019 07:30	05/14/2019 13:27	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
91-20-3	Naphthalene	ND		ug/kg dry	320	1300	100	EPA 8260C	05/14/2019 07:30	05/14/2019 13:27	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJD		
104-51-8	**n-Butylbenzene**	**6900**		ug/kg dry	320	630	100	EPA 8260C	05/14/2019 07:30	05/14/2019 13:27	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
103-65-1	**n-Propylbenzene**	**8500**		ug/kg dry	320	630	100	EPA 8260C	05/14/2019 07:30	05/14/2019 13:27	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
95-47-6	o-Xylene	ND		ug/kg dry	320	630	100	EPA 8260C	05/14/2019 07:30	05/14/2019 13:27	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	630	1300	100	EPA 8260C	05/14/2019 07:30	05/14/2019 13:27	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	320	630	100	EPA 8260C	05/14/2019 07:30	05/14/2019 13:27	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
135-98-8	**sec-Butylbenzene**	**3700**		ug/kg dry	320	630	100	EPA 8260C	05/14/2019 07:30	05/14/2019 13:27	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	320	630	100	EPA 8260C	05/14/2019 07:30	05/14/2019 13:27	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
108-88-3	Toluene	ND		ug/kg dry	320	630	100	EPA 8260C	05/14/2019 07:30	05/14/2019 13:27	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
1330-20-7	Xylenes, Total	ND		ug/kg dry	950	1900	100	EPA 8260C	05/14/2019 07:30	05/14/2019 13:27	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.0 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*110 %*	*76-130*

Total Solids

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: **Laurel-23** **York Sample ID:** **19E0511-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0511	46-81 Metropolitan Ave, Queens	Soil	May 9, 2019 1:30 pm	05/10/2019

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**78.9**		%	0.100	1	SM 2540G Certifications: CTDOH	05/13/2019 10:52	05/13/2019 16:06	TAJ

Sample Information

Client Sample ID: **Laurel-26** **York Sample ID:** **19E0511-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0511	46-81 Metropolitan Ave, Queens	Soil	May 9, 2019 2:15 pm	05/10/2019

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	32	64	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 13:54	RDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	32	64	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 13:54	RDS
71-43-2	Benzene	ND		ug/kg dry	32	64	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 13:54	RDS
100-41-4	Ethyl Benzene	ND		ug/kg dry	32	64	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 13:54	RDS
98-82-8	**Isopropylbenzene**	**1200**		ug/kg dry	32	64	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 13:54	RDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	32	64	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 13:54	RDS
91-20-3	**Naphthalene**	**130**		ug/kg dry	32	130	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJD	05/14/2019 07:30	05/14/2019 13:54	RDS
104-51-8	**n-Butylbenzene**	**1900**		ug/kg dry	32	64	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 13:54	RDS
103-65-1	**n-Propylbenzene**	**2200**		ug/kg dry	32	64	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 13:54	RDS
95-47-6	o-Xylene	ND		ug/kg dry	32	64	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 13:54	RDS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	64	130	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 13:54	RDS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	32	64	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 13:54	RDS
135-98-8	**sec-Butylbenzene**	**1600**		ug/kg dry	32	64	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 13:54	RDS

Sample Information

Client Sample ID: **Laurel-26** **York Sample ID:** **19E0511-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0511	46-81 Metropolitan Ave, Queens	Soil	May 9, 2019 2:15 pm	05/10/2019

Volatile Organics, CP-51 (formerly STARS) List

Log-in Notes: VOA-CONT **Sample Notes:** **VOA-CONT**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/kg dry	32	64	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 13:54	RDS
108-88-3	Toluene	ND		ug/kg dry	32	64	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 13:54	RDS
1330-20-7	Xylenes, Total	ND		ug/kg dry	96	190	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/14/2019 07:30	05/14/2019 13:54	RDS

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*		*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*120 %*		*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*196 %*	S-09	*76-130*

Total Solids

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**78.1**		%	0.100	1	SM 2540G Certifications: CTDOH	05/13/2019 10:52	05/13/2019 16:06	TAJ

Sample Information

Client Sample ID: **Laurel-29** **York Sample ID:** **19E0511-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0511	46-81 Metropolitan Ave, Queens	Soil	May 9, 2019 2:40 pm	05/10/2019

Volatile Organics, CP-51 (formerly STARS) List

Log-in Notes: VOA-CONT **Sample Notes:** **VOA-CONT**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 12:27	RDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 12:27	RDS
71-43-2	Benzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 12:27	RDS
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 12:27	RDS
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 12:27	RDS

Sample Information

Client Sample ID: **Laurel-29** **York Sample ID:** **19E0511-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0511	46-81 Metropolitan Ave, Queens	Soil	May 9, 2019 2:40 pm	05/10/2019

Volatile Organics, CP-51 (formerly STARS) List

Log-in Notes: VOA-CONT **Sample Notes:** **VOA-CONT**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 12:27	RDS
91-20-3	**Naphthalene**	**6.1**	J	ug/kg dry	3.3	13	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJD	05/14/2019 07:30	05/14/2019 12:27	RDS
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 12:27	RDS
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 12:27	RDS
95-47-6	o-Xylene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 12:27	RDS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.6	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 12:27	RDS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 12:27	RDS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 12:27	RDS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 12:27	RDS
108-88-3	Toluene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 12:27	RDS
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.9	20	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/14/2019 07:30	05/14/2019 12:27	RDS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*116 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*76-130*

Total Solids

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**75.8**		%	0.100	1	SM 2540G Certifications: CTDOH	05/13/2019 10:52	05/13/2019 16:06	TAJ

Sample Information

Client Sample ID: **Laurel-30** **York Sample ID:** **19E0511-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0511	46-81 Metropolitan Ave, Queens	Soil	May 9, 2019 2:50 pm	05/10/2019

Volatile Organics, CP-51 (formerly STARS) List

Log-in Notes: VOA-CONT **Sample Notes:** **VOA-CONT**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	**1,2,4-Trimethylbenzene**	**6.8**		ug/kg dry	3.1	6.2	1	EPA 8260C	05/14/2019 07:30	05/14/2019 12:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	05/14/2019 07:30	05/14/2019 12:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
71-43-2	Benzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	05/14/2019 07:30	05/14/2019 12:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	05/14/2019 07:30	05/14/2019 12:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	05/14/2019 07:30	05/14/2019 12:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	05/14/2019 07:30	05/14/2019 12:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
91-20-3	**Naphthalene**	**4.2**	J	ug/kg dry	3.1	12	1	EPA 8260C	05/14/2019 07:30	05/14/2019 12:55	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJD		
104-51-8	**n-Butylbenzene**	**6.2**		ug/kg dry	3.1	6.2	1	EPA 8260C	05/14/2019 07:30	05/14/2019 12:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
103-65-1	**n-Propylbenzene**	**3.7**	J	ug/kg dry	3.1	6.2	1	EPA 8260C	05/14/2019 07:30	05/14/2019 12:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
95-47-6	o-Xylene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	05/14/2019 07:30	05/14/2019 12:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.2	12	1	EPA 8260C	05/14/2019 07:30	05/14/2019 12:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	05/14/2019 07:30	05/14/2019 12:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
135-98-8	**sec-Butylbenzene**	**9.1**		ug/kg dry	3.1	6.2	1	EPA 8260C	05/14/2019 07:30	05/14/2019 12:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	05/14/2019 07:30	05/14/2019 12:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
108-88-3	Toluene	ND		ug/kg dry	3.1	6.2	1	EPA 8260C	05/14/2019 07:30	05/14/2019 12:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.3	19	1	EPA 8260C	05/14/2019 07:30	05/14/2019 12:55	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*113 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*107 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*123 %*	*76-130*

Sample Information

Client Sample ID: Laurel-30 **York Sample ID:** 19E0511-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0511	46-81 Metropolitan Ave, Queens	Soil	May 9, 2019 2:50 pm	05/10/2019

Total Solids

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	80.3		%	0.100	1	SM 2540G Certifications: CTDOH	05/13/2019 10:52	05/13/2019 16:06	TAJ

Sample Information

Client Sample ID: Laurel-33 **York Sample ID:** 19E0511-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0511	46-81 Metropolitan Ave, Queens	Soil	May 9, 2019 3:20 pm	05/10/2019

Volatile Organics, CP-51 (formerly STARS) List

Log-in Notes: VOA-CONT **Sample Notes:** VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/13/2019 12:30	05/14/2019 05:20	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/13/2019 12:30	05/14/2019 05:20	SS
71-43-2	Benzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/13/2019 12:30	05/14/2019 05:20	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/13/2019 12:30	05/14/2019 05:20	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/13/2019 12:30	05/14/2019 05:20	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/13/2019 12:30	05/14/2019 05:20	SS
91-20-3	Naphthalene	ND		ug/kg dry	3.0	12	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJI	05/13/2019 12:30	05/14/2019 05:20	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/13/2019 12:30	05/14/2019 05:20	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/13/2019 12:30	05/14/2019 05:20	SS
95-47-6	o-Xylene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/13/2019 12:30	05/14/2019 05:20	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.9	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/13/2019 12:30	05/14/2019 05:20	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/13/2019 12:30	05/14/2019 05:20	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/13/2019 12:30	05/14/2019 05:20	SS

Sample Information

Client Sample ID: Laurel-33 **York Sample ID:** 19E0511-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0511	46-81 Metropolitan Ave, Queens	Soil	May 9, 2019 3:20 pm	05/10/2019

Volatile Organics, CP-51 (formerly STARS) List

Log-in Notes: VOA-CONT **Sample Notes:** VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	05/13/2019 12:30	05/14/2019 05:20	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
108-88-3	Toluene	ND		ug/kg dry	3.0	5.9	1	EPA 8260C	05/13/2019 12:30	05/14/2019 05:20	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.9	18	1	EPA 8260C	05/13/2019 12:30	05/14/2019 05:20	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*104 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*125 %*	*76-130*

Total Solids

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**84.5**		%	0.100	1	SM 2540G	05/13/2019 10:52	05/13/2019 16:06	TAJ
							Certifications: CTDOH			

Sample Information

Client Sample ID: Laurel-35 **York Sample ID:** 19E0511-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0511	46-81 Metropolitan Ave, Queens	Soil	May 9, 2019 3:40 pm	05/10/2019

Volatile Organics, CP-51 (formerly STARS) List

Log-in Notes: VOA-CONT **Sample Notes:** VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND	IS-LO	ug/kg dry	2.6	5.1	1	EPA 8260C	05/14/2019 07:30	05/14/2019 13:23	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
108-67-8	1,3,5-Trimethylbenzene	ND	IS-LO	ug/kg dry	2.6	5.1	1	EPA 8260C	05/14/2019 07:30	05/14/2019 13:23	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
71-43-2	Benzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/14/2019 07:30	05/14/2019 13:23	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
100-41-4	**Ethyl Benzene**	**24**		ug/kg dry	2.6	5.1	1	EPA 8260C	05/14/2019 07:30	05/14/2019 13:23	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
98-82-8	Isopropylbenzene	ND	IS-LO	ug/kg dry	2.6	5.1	1	EPA 8260C	05/14/2019 07:30	05/14/2019 13:23	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			

Sample Information

Client Sample ID: **Laurel-35** **York Sample ID:** **19E0511-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0511	46-81 Metropolitan Ave, Queens	Soil	May 9, 2019 3:40 pm	05/10/2019

Volatile Organics, CP-51 (formerly STARS) List

Log-in Notes: VOA-CONT **Sample Notes:** **VOA-CONT**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	05/14/2019 07:30	05/14/2019 13:23	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
91-20-3	Naphthalene	ND	IS-LO	ug/kg dry	2.6	10	1	EPA 8260C	05/14/2019 07:30	05/14/2019 13:23	RDS
								Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJD			
104-51-8	n-Butylbenzene	ND	IS-LO	ug/kg dry	2.6	5.1	1	EPA 8260C	05/14/2019 07:30	05/14/2019 13:23	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
103-65-1	n-Propylbenzene	ND	IS-LO	ug/kg dry	2.6	5.1	1	EPA 8260C	05/14/2019 07:30	05/14/2019 13:23	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
95-47-6	**o-Xylene**	**36**		ug/kg dry	2.6	5.1	1	EPA 8260C	05/14/2019 07:30	05/14/2019 13:23	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
179601-23-1	**p- & m- Xylenes**	**91**		ug/kg dry	5.1	10	1	EPA 8260C	05/14/2019 07:30	05/14/2019 13:23	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
99-87-6	p-Isopropyltoluene	ND	IS-LO	ug/kg dry	2.6	5.1	1	EPA 8260C	05/14/2019 07:30	05/14/2019 13:23	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
135-98-8	sec-Butylbenzene	ND	IS-LO	ug/kg dry	2.6	5.1	1	EPA 8260C	05/14/2019 07:30	05/14/2019 13:23	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
98-06-6	tert-Butylbenzene	ND	IS-LO	ug/kg dry	2.6	5.1	1	EPA 8260C	05/14/2019 07:30	05/14/2019 13:23	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
108-88-3	**Toluene**	**10**		ug/kg dry	2.6	5.1	1	EPA 8260C	05/14/2019 07:30	05/14/2019 13:23	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA			
1330-20-7	**Xylenes, Total**	**130**		ug/kg dry	7.7	15	1	EPA 8260C	05/14/2019 07:30	05/14/2019 13:23	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*117 %*		*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*112 %*		*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*127 %*	IS-LO	*76-130*

Total Solids

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**97.4**		%	0.100	1	SM 2540G	05/13/2019 10:52	05/13/2019 16:06	TAJ
							Certifications: CTDOH			

Sample Information

Client Sample ID: **Laurel-36** **York Sample ID:** **19E0511-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0511	46-81 Metropolitan Ave, Queens	Soil	May 9, 2019 3:42 pm	05/10/2019

Sample Information

Client Sample ID: **Laurel-36** **York Sample ID:** **19E0511-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0511	46-81 Metropolitan Ave, Queens	Soil	May 9, 2019 3:42 pm	05/10/2019

Volatile Organics, CP-51 (formerly STARS) List

Log-in Notes: VOA-CONT **Sample Notes:** **VOA-CONT**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	**1,2,4-Trimethylbenzene**	**20**		ug/kg dry	3.1	6.3	1	EPA 8260C	05/13/2019 12:30	05/14/2019 06:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
108-67-8	**1,3,5-Trimethylbenzene**	**8.6**		ug/kg dry	3.1	6.3	1	EPA 8260C	05/13/2019 12:30	05/14/2019 06:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
71-43-2	Benzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C	05/13/2019 12:30	05/14/2019 06:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
100-41-4	**Ethyl Benzene**	**3.1**	J	ug/kg dry	3.1	6.3	1	EPA 8260C	05/13/2019 12:30	05/14/2019 06:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C	05/13/2019 12:30	05/14/2019 06:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.1	6.3	1	EPA 8260C	05/13/2019 12:30	05/14/2019 06:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
91-20-3	Naphthalene	ND		ug/kg dry	3.1	13	1	EPA 8260C	05/13/2019 12:30	05/14/2019 06:10	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,PADEP,NJD		
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C	05/13/2019 12:30	05/14/2019 06:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C	05/13/2019 12:30	05/14/2019 06:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
95-47-6	**o-Xylene**	**8.1**		ug/kg dry	3.1	6.3	1	EPA 8260C	05/13/2019 12:30	05/14/2019 06:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
179601-23-1	**p- & m- Xylenes**	**11**	J	ug/kg dry	6.3	13	1	EPA 8260C	05/13/2019 12:30	05/14/2019 06:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C	05/13/2019 12:30	05/14/2019 06:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C	05/13/2019 12:30	05/14/2019 06:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.1	6.3	1	EPA 8260C	05/13/2019 12:30	05/14/2019 06:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
108-88-3	**Toluene**	**4.6**	J	ug/kg dry	3.1	6.3	1	EPA 8260C	05/13/2019 12:30	05/14/2019 06:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PA		
1330-20-7	**Xylenes, Total**	**20**		ug/kg dry	9.4	19	1	EPA 8260C	05/13/2019 12:30	05/14/2019 06:10	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.2 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*126 %*	*76-130*

Total Solids

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: Laurel-36 **York Sample ID:** 19E0511-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0511	46-81 Metropolitan Ave, Queens	Soil	May 9, 2019 3:42 pm	05/10/2019

Total Solids

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**79.5**		%	0.100	1	SM 2540G Certifications: CTDOH	05/13/2019 10:52	05/13/2019 16:06	TAJ

Sample Information

Client Sample ID: Laurel-37 **York Sample ID:** 19E0511-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0511	46-81 Metropolitan Ave, Queens	Soil	May 9, 2019 3:45 pm	05/10/2019

Volatile Organics, CP-51 (formerly STARS) List

Log-in Notes: VOA-CONT **Sample Notes:** **VOA-CONT**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	**1,2,4-Trimethylbenzene**	**74**		ug/kg dry	15	30	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 13:51	RDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	15	30	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 13:51	RDS
71-43-2	Benzene	ND		ug/kg dry	15	30	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 13:51	RDS
100-41-4	**Ethyl Benzene**	**15**	J	ug/kg dry	15	30	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 13:51	RDS
98-82-8	**Isopropylbenzene**	**44**		ug/kg dry	15	30	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 13:51	RDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	15	30	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 13:51	RDS
91-20-3	**Naphthalene**	**81**		ug/kg dry	15	60	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,PADEP,NJI	05/14/2019 07:30	05/14/2019 13:51	RDS
104-51-8	**n-Butylbenzene**	**120**		ug/kg dry	15	30	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 13:51	RDS
103-65-1	**n-Propylbenzene**	**65**		ug/kg dry	15	30	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 13:51	RDS
95-47-6	**o-Xylene**	**26**	J	ug/kg dry	15	30	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 13:51	RDS
179601-23-1	**p- & m- Xylenes**	**59**	J	ug/kg dry	30	60	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 13:51	RDS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	15	30	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 13:51	RDS
135-98-8	**sec-Butylbenzene**	**110**		ug/kg dry	15	30	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 13:51	RDS

Sample Information

Client Sample ID: **Laurel-37** **York Sample ID:** **19E0511-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0511	46-81 Metropolitan Ave, Queens	Soil	May 9, 2019 3:45 pm	05/10/2019

Volatile Organics, CP-51 (formerly STARS) List

Log-in Notes: VOA-CONT **Sample Notes:** **VOA-CONT**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/kg dry	15	30	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 13:51	RDS
108-88-3	Toluene	ND		ug/kg dry	15	30	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	05/14/2019 07:30	05/14/2019 13:51	RDS
1330-20-7	**Xylenes, Total**	**85**	J	ug/kg dry	45	90	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	05/14/2019 07:30	05/14/2019 13:51	RDS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*112 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*111 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*76-130*

Total Solids

Log-in Notes: VOA-CONT **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**83.2**		%	0.100	1	SM 2540G Certifications: CTDOH	05/13/2019 10:52	05/13/2019 16:06	TAJ

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
19E0511-01	Laurel-4	2 oz. WM Clear Glass Cool to 4° C
19E0511-02	Laurel-12	2 oz. WM Clear Glass Cool to 4° C
19E0511-03	Laurel-14	2 oz. WM Clear Glass Cool to 4° C
19E0511-04	Laurel-15	2 oz. WM Clear Glass Cool to 4° C
19E0511-05	Laurel-18	2 oz. WM Clear Glass Cool to 4° C
19E0511-06	Laurel-21	2 oz. WM Clear Glass Cool to 4° C
19E0511-07	Laurel-23	2 oz. WM Clear Glass Cool to 4° C
19E0511-08	Laurel-26	2 oz. WM Clear Glass Cool to 4° C
19E0511-09	Laurel-29	2 oz. WM Clear Glass Cool to 4° C
19E0511-10	Laurel-30	2 oz. WM Clear Glass Cool to 4° C
19E0511-11	Laurel-33	2 oz. WM Clear Glass Cool to 4° C
19E0511-12	Laurel-35	2 oz. WM Clear Glass Cool to 4° C
19E0511-13	Laurel-36	2 oz. WM Clear Glass Cool to 4° C
19E0511-14	Laurel-37	2 oz. WM Clear Glass Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

VOA-CONT	Non-Compliant - the container(s) provided by the client for soil volatiles do not meet the requirements of EPA SW846-5035A. Results reported below 200 ug/kg may be biased low due to samples not being collected according to EPA SW846 5035A requirements.
S-09	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect confirmed by re-extraction and re-analysis of the sample.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
IS-LO	The internal std associated with this target compound did not meet acceptance criteria (area <50% CCV) at the stated dilution due to matrix effects. Sample was rerun to confirm matrix effects.
IS-HI	The internal std associated with this target compound did not meet acceptance criteria (area >200% CCV) at the stated dilution due to matrix effects. Sample was rerun to confirm matrix effects.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
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.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Revision Description: This report has been revised to change the Project ID, per client's request.

YORK
YORK ANALYTICAL LABORATORIES
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 to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 19E0511

YOUR Information

Company: Laurel Environmental
Address: 53 West Hills Rd, Huntington Sta, NY 11746
Phone No: (631) 673-0612
Contact Person: Scott Yanuck
E-Mail Address: Labresults@laurelenvir.com

Report To:

Company:
Address: Scott
Phone No:
Attention:
E-Mail Address:

Invoice To:

Company:
Address: Kathy
Phone No:
Attention:
E-Mail Address:

YOUR Project ID

46-81 Metropolitan Ave, Brooklyn

Purchase Order No.
19-1901

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) ☐

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. Deliv.

Electronic Data Deliverables (EDD)

- Simple Excel
- NYSDEC EQuIS ✓
- EQuIS (std)
- EZ-EDD (EQuIS)
- NJDEP SRP HazSite EDD
- GIS/KEY (std)
- Other
- York Regulatory Comparison Excel Spreadsheet

Compare to the following Regs: (please fill in):

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)

Jamie Burgher
Name (printed)

Matrix Codes
S - soil
Other - specify (oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082/PCB	RCRA8	TPH GRO	Pris.Poll.	Corrosivity
624	Site Spec.	STARS list	8081/Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co	BN Only	8151/Herb	TAL	CT ETPH	TAL Metals	Ignitability
BTEX	Suffolk Co	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360/Inorg	Hexavalent Cr
TAGM list	TCLP list	CT RCP list	SPLP/TCLP	Total	Air TO15	Part 360/Semi	BOD
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360/Pest	BTU/lb
Aromatics only	502.2	NJDEP list	TCLP Herb	SPLP/TCLP	Air VPH	Part 360/Other	Aquatic Tox
Halogenated only	NJDEP list	App. IX	Chlordane	Info Needed	Air TICs	NYCDEP Sewer	TOC
App IX list	SPLP/TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP/TCLP	608 PCB		Hydrogen	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
Laurel-4	5/9/19 0835	S	8260 CP-51 List +	(1) 2oz
Laurel-12	1250			
Laurel-14	1110			
Laurel-15	1115			
Laurel-18	1140			
Laurel-21	1305			
Laurel-23	1330			
Laurel-26	1415			
Laurel-29	1440			
Laurel-30	1450			

Comments

Preservation Check (if) Applicable
Special Instructions
Field Filtered ☐
Lab to Filter ☐

4°C X Frozen ___ HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc Ascorbic Acid Other

Samples Relinquished By: Jamie Burgher 5/10/19 0900
Samples Relinquished By: K Burgher 5/10/19 1630 Date/Time

Samples Received By: K Burgher 5/10/19 1000AM
Samples Received in LAB by: TC 5/10/19 1630 Date/Time

Temperature on Receipt 1.6 °C

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

Field Chain-of-Custody Record

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This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 19E0511

YOUR Information

Company: Laurel Environmental
Address: 53 West Hills Rd
Huntington Sta, NY 11746
Phone No.: (631) 673-0612
Contact Person: Scott Yanuck
E-Mail Address: Labresultslaurel@aol.com

Report To:

Company:
Address: Scott
Phone No.:
Attention:
E-Mail Address:

Invoice To:

Company:
Address: Kathy
Phone No.:
Attention:
E-Mail Address:

YOUR Project ID

46-81 Metropolitan Ave, Brooklyn

Purchase Order No.

19-190.1

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) ☐

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. Deliv.

Electronic Data Deliverables (EDD)

- Simple Excel
- NYSDEC EQuIS ✓
- EQuIS (std)
- EZ-EDD (EQuIS)
- NJDEP SRP HazSite EDD
- GIS/KEY (std)
- Other
- York Regulatory Comparison
- Excel Spreadsheet

Compare to the following Reg. (please fill in):

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)

Jamie Burgher
Name (printed)

Matrix Codes

S– soil
Other - specify(ex. etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCBs	Metals	Misc. Org.	Full Lists	Misc.
8260 full	HCs	8270 or 625	8082PCB	RCRAE	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	Tal. MetCN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT 13 list	NY 310-13	Full TCLP	Flash Point
MTBE	Kerosene	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360/Inorganics	Hexavalent Cr.
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360/Inorganics	TDS
CT RCP list	524.2	TCL list	TCLP Pest.	Dissolved	Air STARS	Part 360 Organics	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360 Inorganics	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Inds.Metals	Air TICs	NYSDEC Pest	TOC
App.IX list	EPA or TCLP	TCLP BNA	608 Pest	LDF Only	Methane	NYSDEC Semi	Asbestos
8021B list		SPLP or TCLP	608 PCB		Hydrogen	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
Laurel-33	5/9/19 1520	S	8260 CP-51 List	(1) 2oz
Laurel-35	1540			
Laurel-36	1542			
Laurel-37	1545			

Comments

Preservation Check those Applicable
Special Instructions
Field Filtered ☐
Lab to Filter ☐

4°C X Frozen ___ HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc Ascorbic Acid Other

Samples Relinquished By — Date/Time: 5/10/19 0900
Samples Relinquished By — Date/Time: 5/10/19 1650

Samples Received By — Date/Time: 5/10/19 1015
Samples Received in LAB by TC — Date/Time: 5/10/19 1630

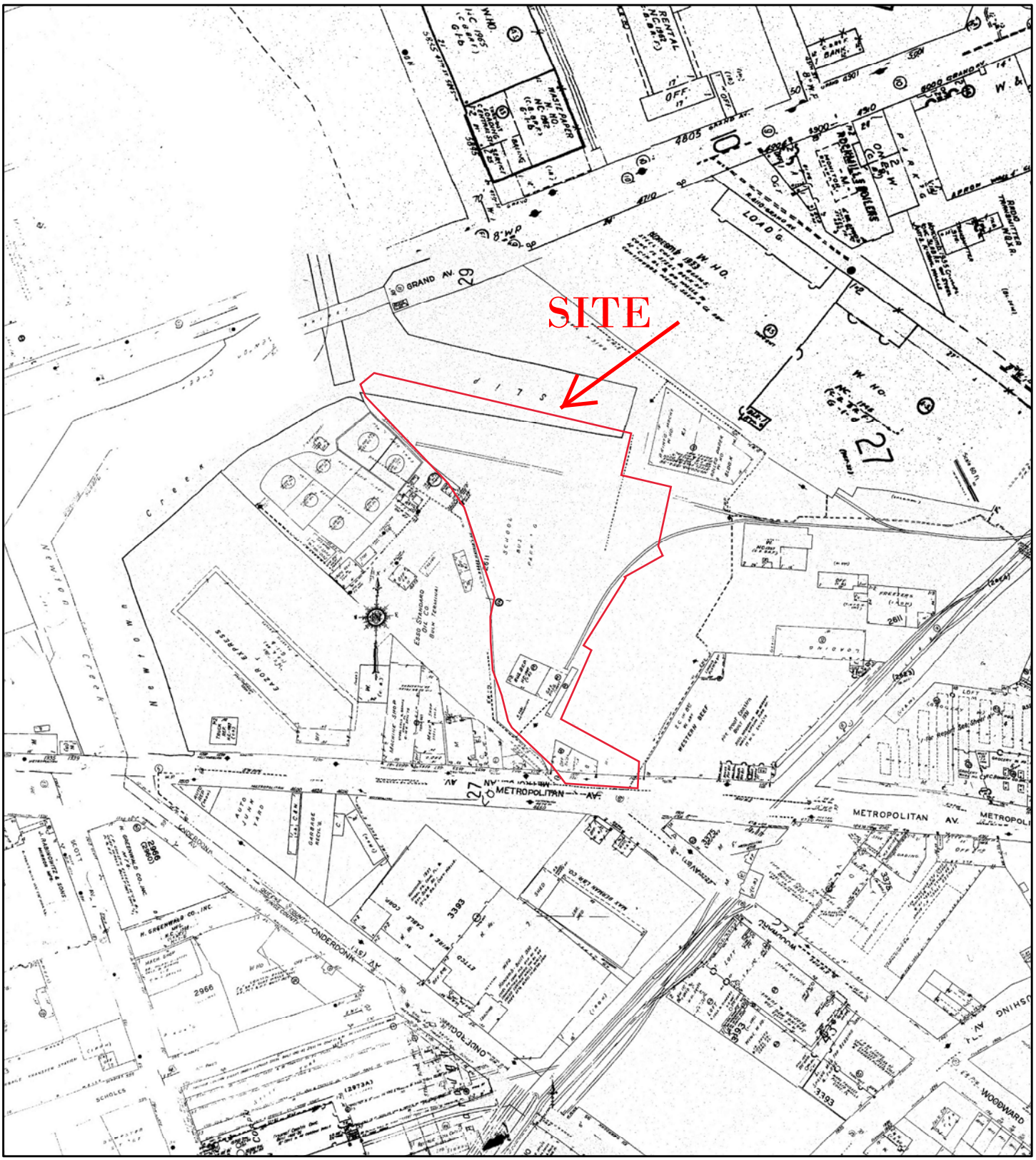
Temperature on Receipt 1.6 °C

APPENDIX C

Sanborn® Fire Insurance Maps

EnviroTrac
Environmental Services

Fire Insurance Map



1990

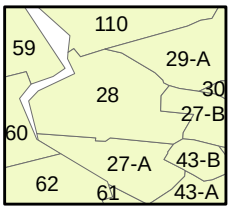
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Feet

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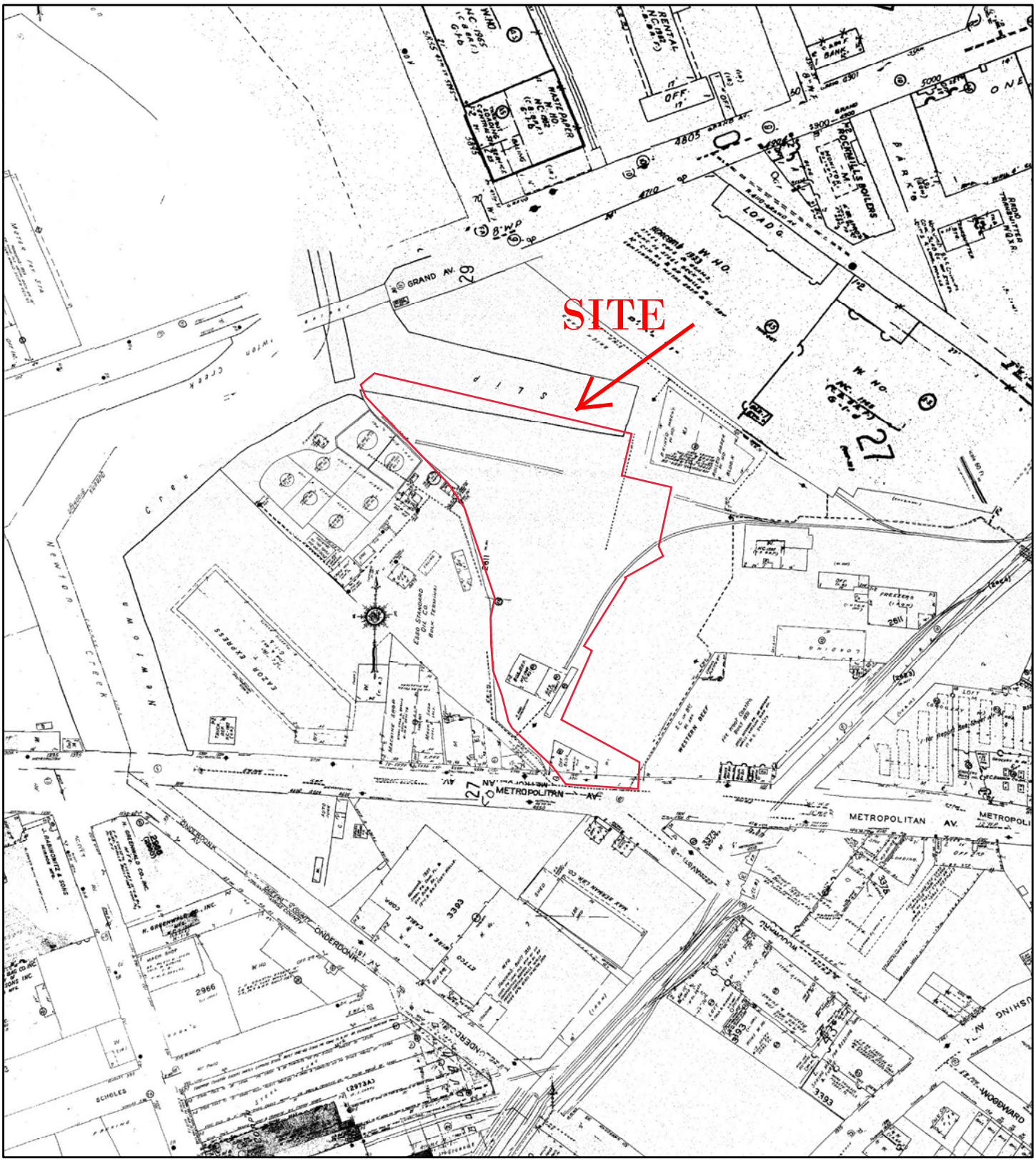
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Map sheet(s):
Volume 9:59,60,62;
Volume 3:110,27,28,29,30,43,61;

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

Fire Insurance Map



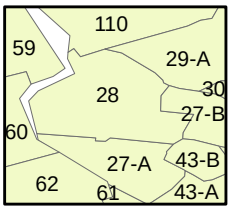
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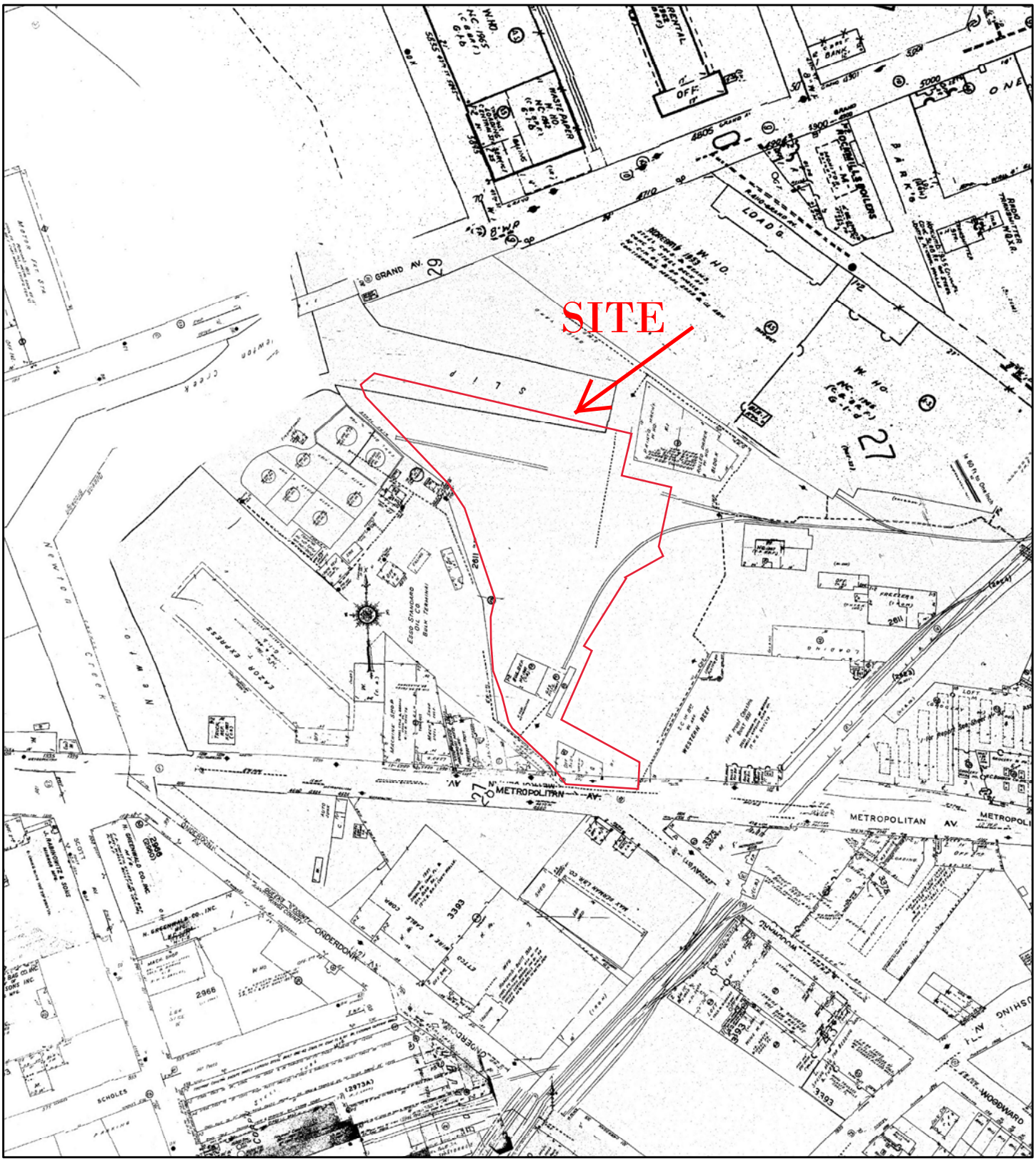


Map sheet(s):
Volume 9:59,60,62;
Volume 3:110,27,28,29,30,43,61;

Order Number 20181109193

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

Fire Insurance Map



1986

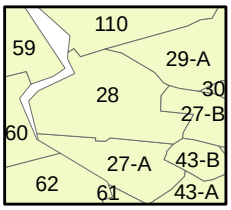
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Feet

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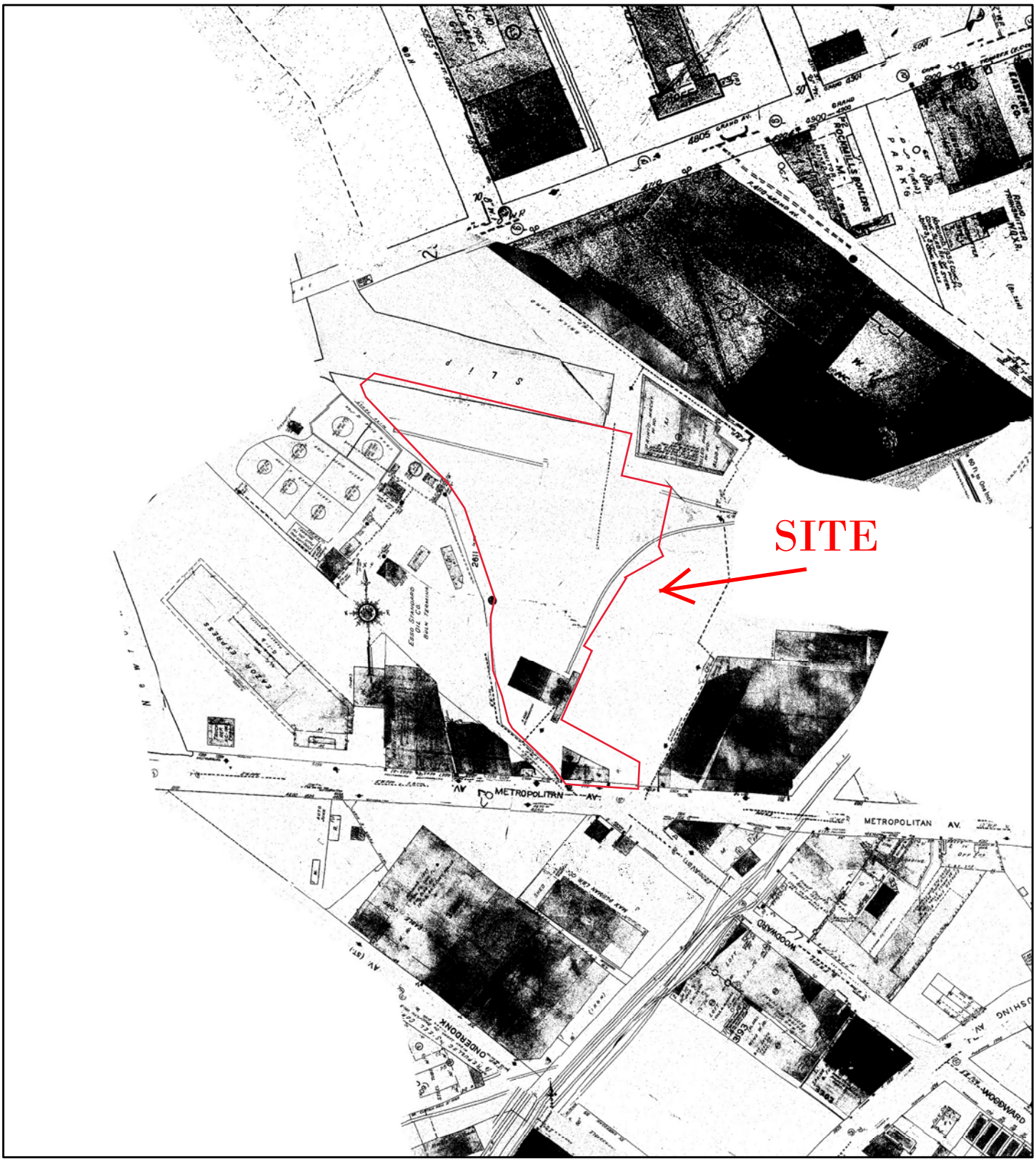
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Map sheet(s):
Volume 9:59,60,62;
Volume 3:110,27,28,29,30,43,61;

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

Fire Insurance Map



1985

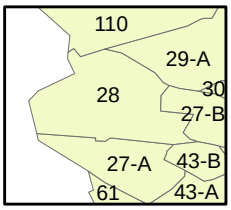
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Feet

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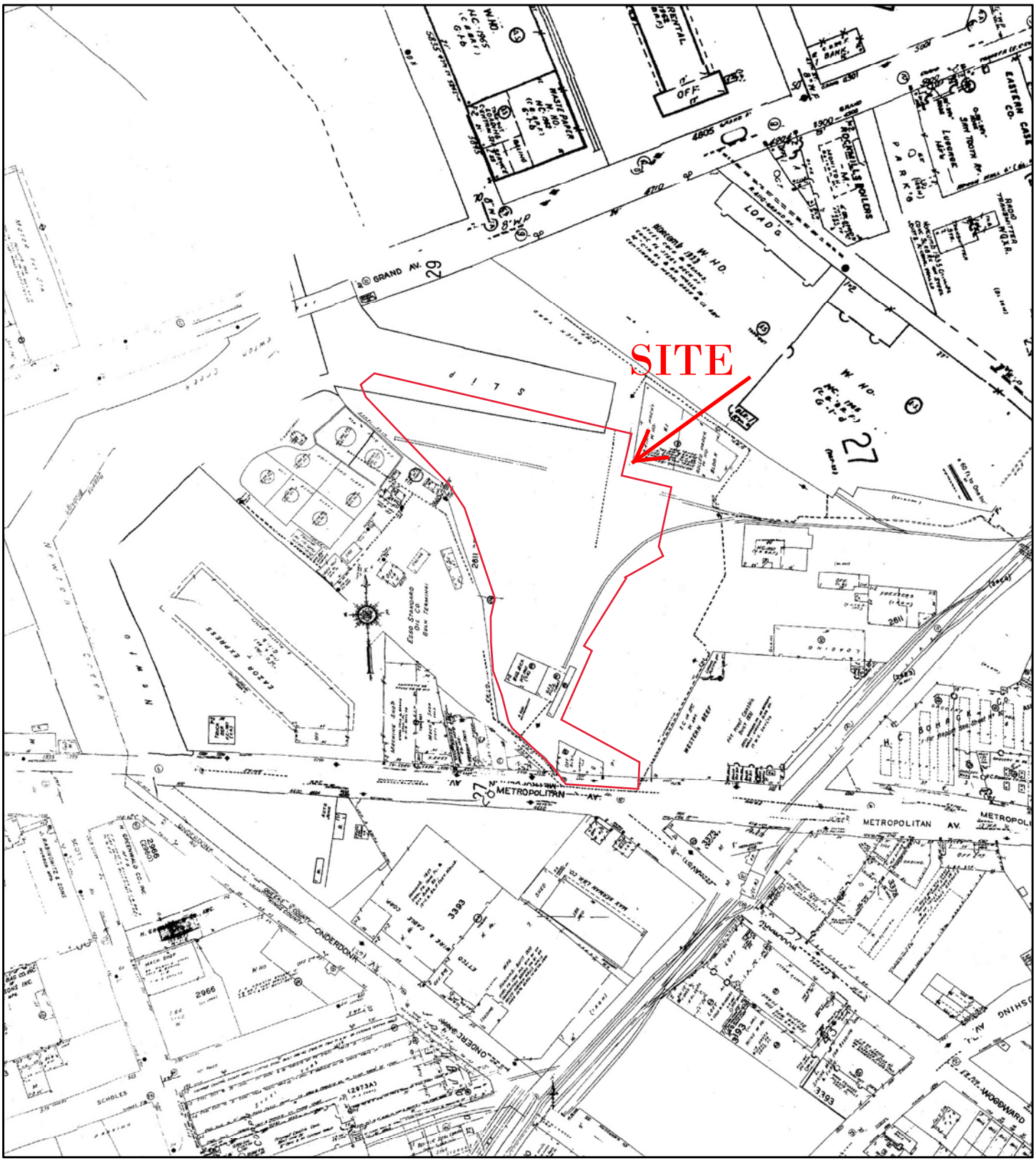
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ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

Fire Insurance Map



1982

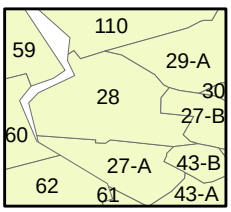
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Feet

Address: 46-81 Metropolitan Avenue, Flushing, NY, 11385

Order Number 20181109193



Map sheet(s):
Volume 9:59,60,62;
Volume 3:110,27,28,29,30,43,61;

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

Fire Insurance Map



1971

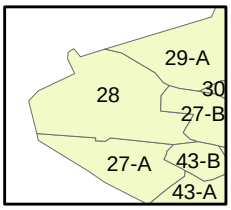
N

0 120 240 480 720 960

Feet

Address: 46-81 Metropolitan Avenue, Flushing, NY, 11385

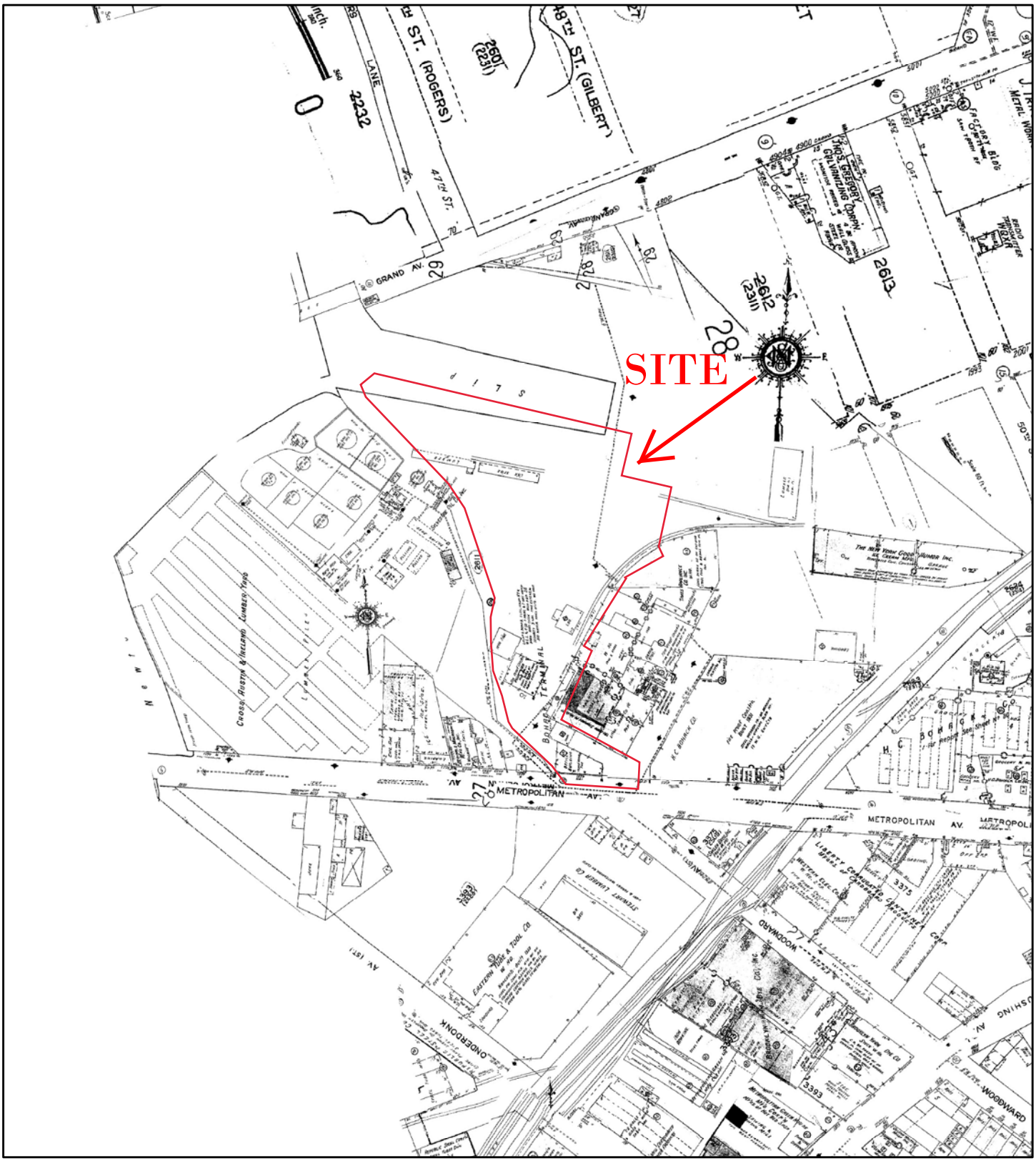
Order Number 20181109193



Map sheet(s):
Volume 3:27,28,29,30,43;

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

Fire Insurance Map



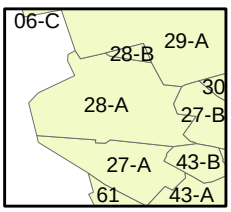
1950

0 120 240 480 720 960

N Feet

Address: 46-81 Metropolitan Avenue, Flushing, NY, 11385

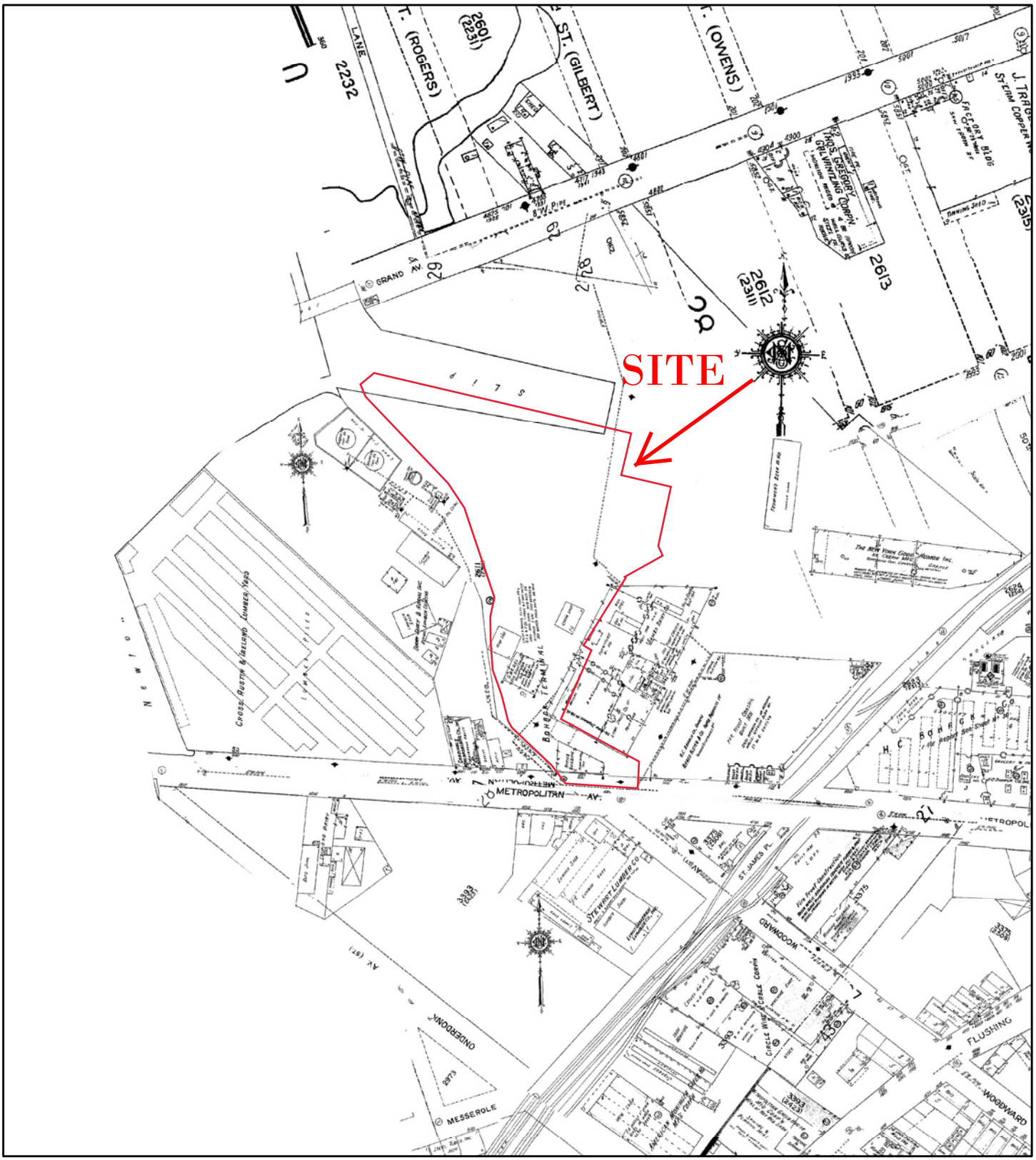
Order Number 20181109193



Map sheet(s):
Volume 3:27,28,29,30,43,61;

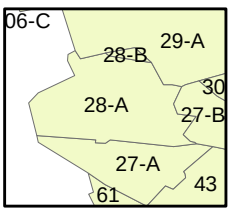
ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

Fire Insurance Map



1936

Address: 46-81 Metropolitan Avenue, Flushing, NY, 11385

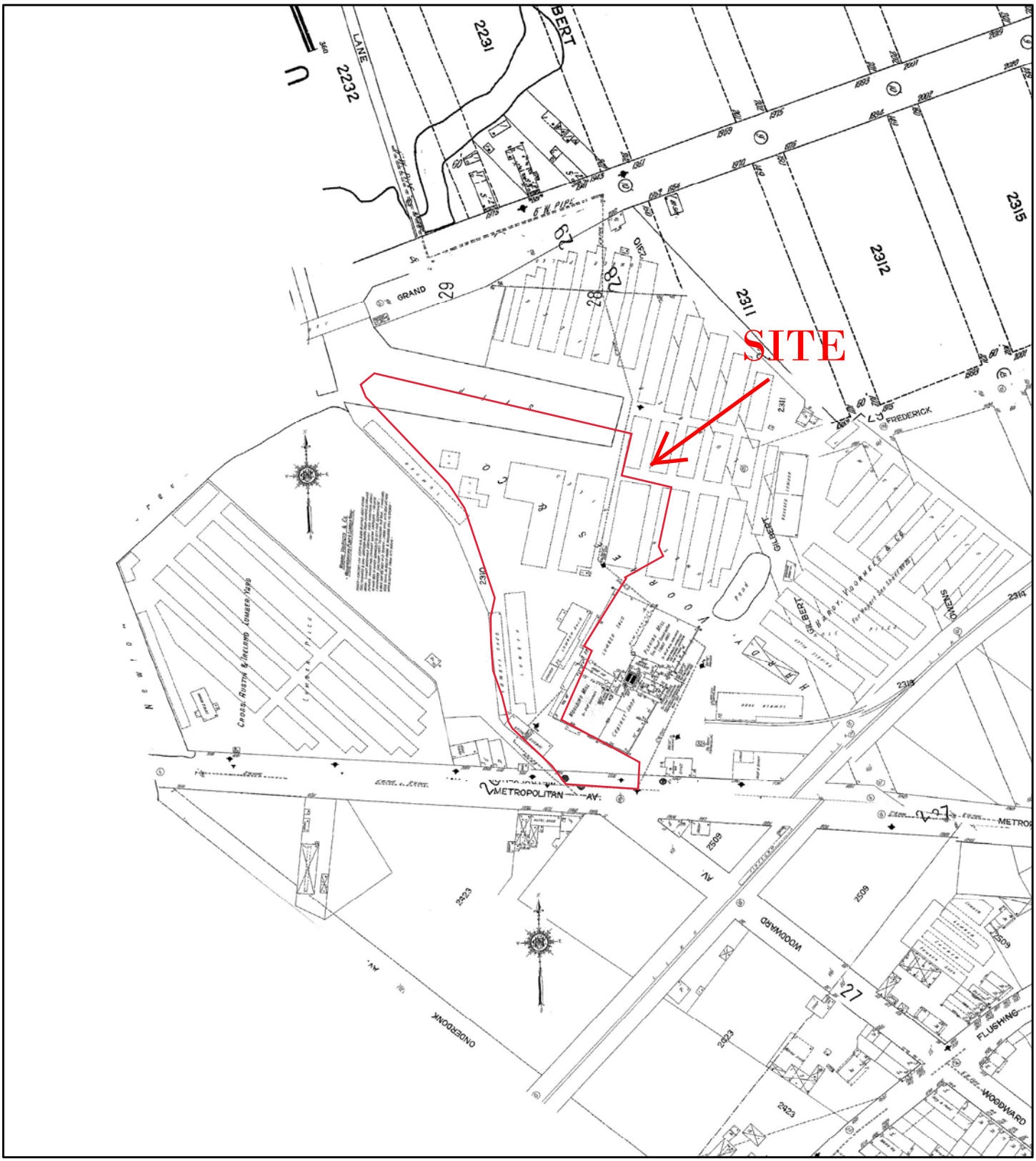


Map sheet(s):
Volume 3:27,28,29,30,43,61;

Order Number 20181109193

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

Fire Insurance Map



1914

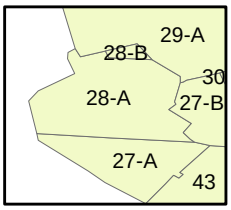
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0 120 240 480 720 960

Feet

Address: 46-81 Metropolitan Avenue, Flushing, NY, 11385

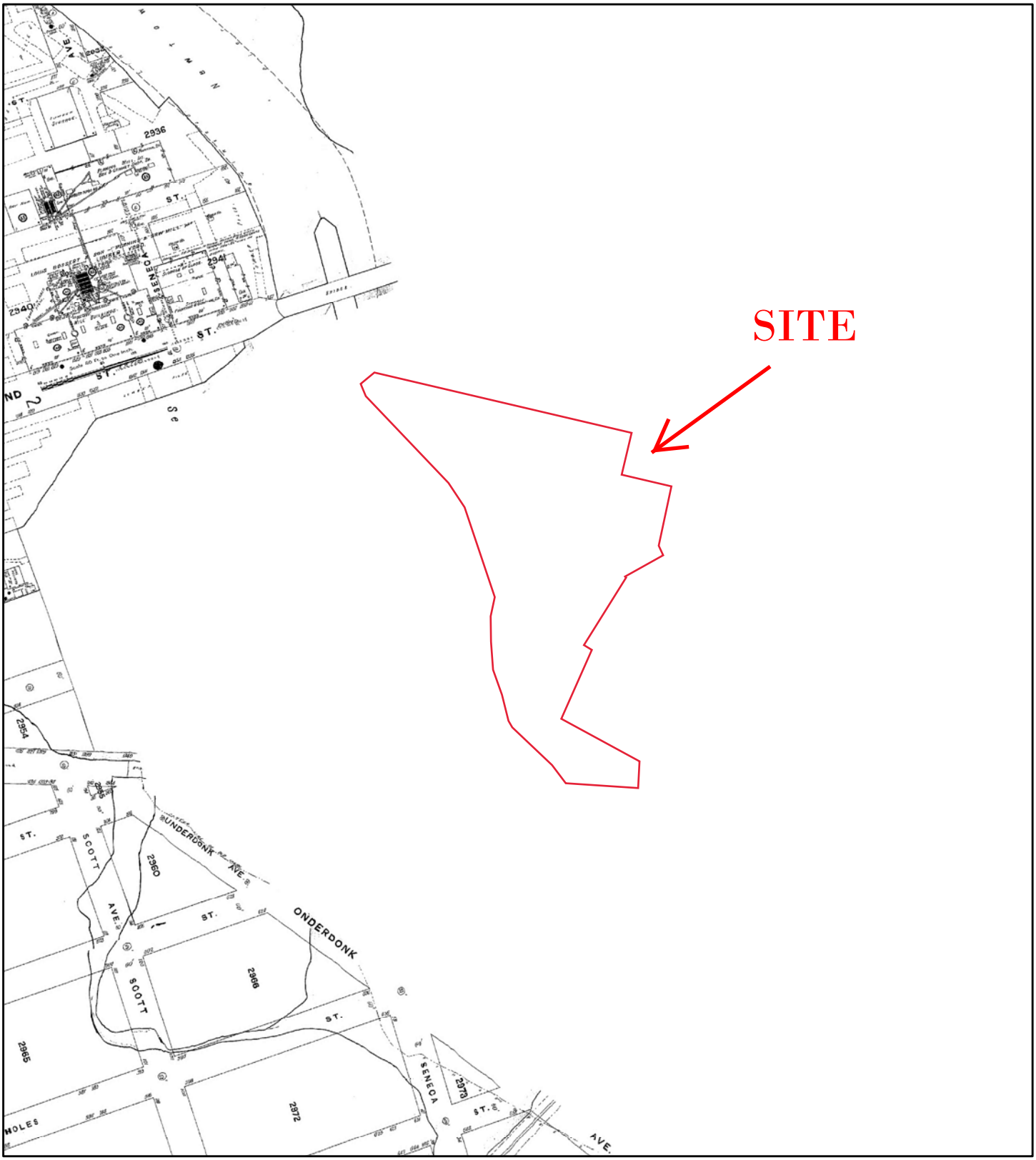
Order Number 20181109193



Map sheet(s):
Volume 3:27,28,29,43;

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

Fire Insurance Map



1907

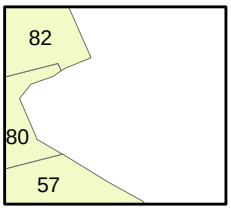
N

0 120 240 480 720 960

Feet

Address: 46-81 Metropolitan Avenue, Flushing, NY, 11385

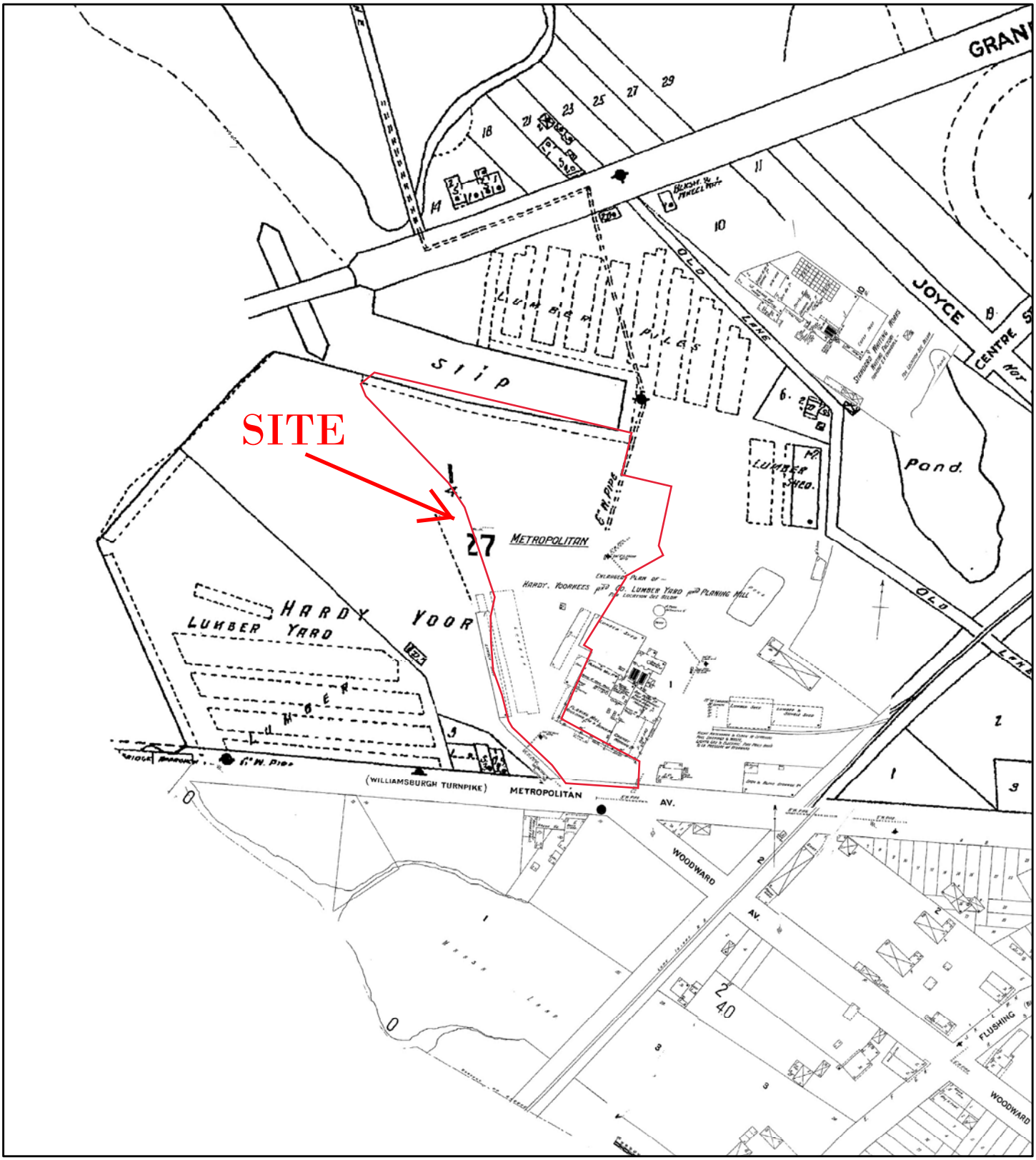
Order Number 20181109193



Map sheet(s):
Volume 9:57,80,82;

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

Fire Insurance Map



1902

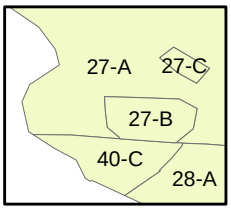
N

0 120 240 480 720 960

Feet

Address: 46-81 Metropolitan Avenue, Flushing, NY, 11385

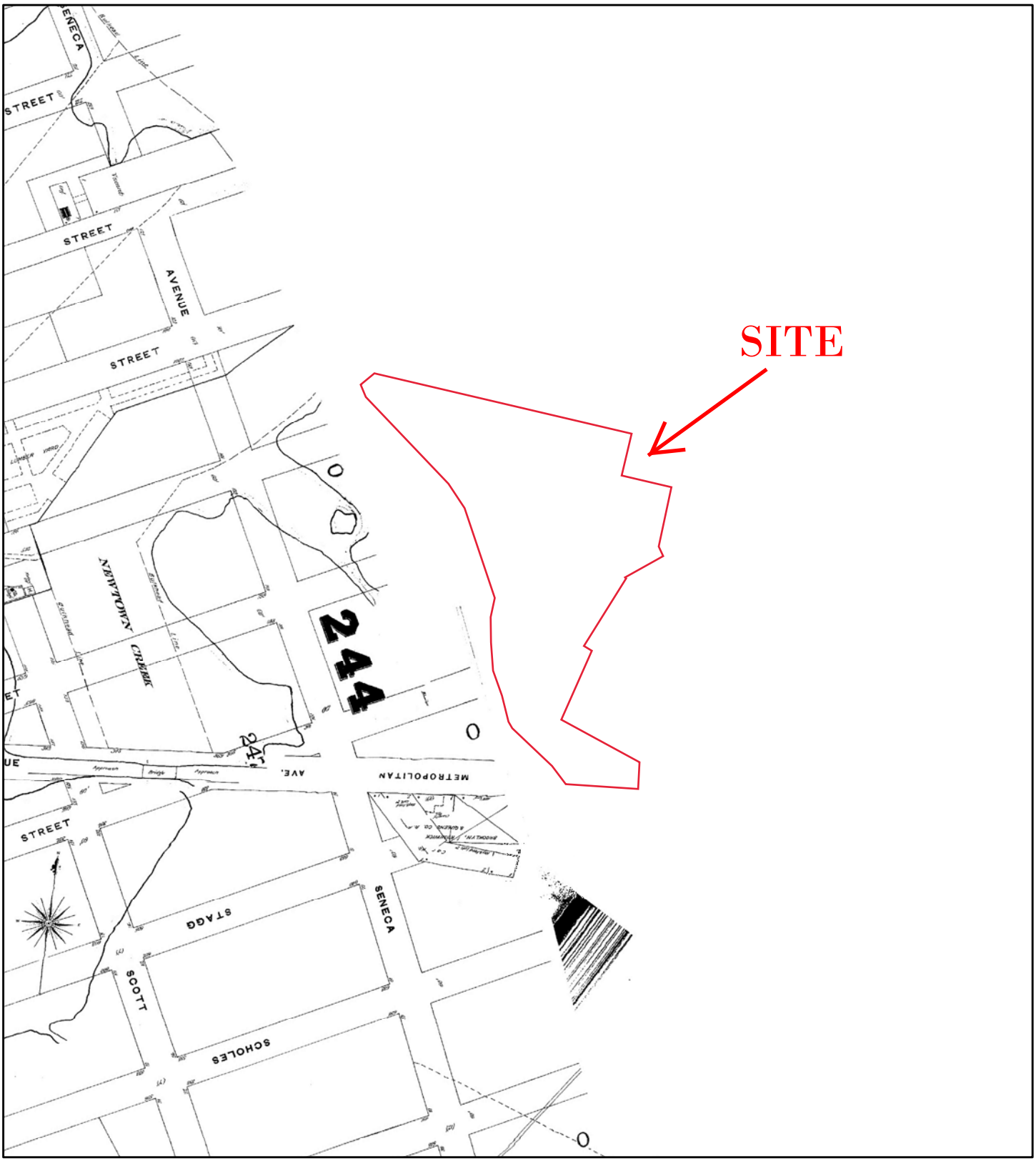
Order Number 20181109193



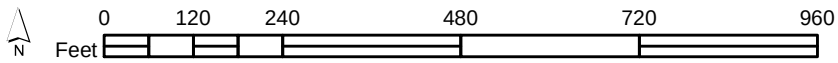
Map sheet(s):
Volume 3:27,28,40;

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

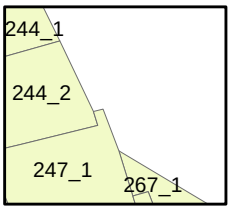
Fire Insurance Map



1888



Address: 46-81 Metropolitan Avenue, Flushing, NY, 11385



Map sheet(s):
Volume 9:244,247,267;

Order Number 20181109193

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

APPENDIX D

Affidavit for Removed UST Submitted to FDNY

EnviroTrac
Environmental Services

AARCO Environmental Services Corp.

Date: 11-Nov-19

New York City Fire Department
Bureua of Fire Prevention
9 MetroTech Center
Brooklyn, NY 11201

**** AFFIDAVIT ****

Site Location: 46-81 Metropolitan Avenue, Queens NY 11385
Job Description: Removal of Seventeen (17) 550 Gallon Gasoline Underground Storage Tank

In accordance with Title 3 RCNY at 21-02 and FDNY Code R3404-01:
I have supervised the permanent abandonmnet/removal of: (17) 550Gallon USTs
Storage Tank(s) at: 46-81 Metropolitan Avenue, Queens NY 11385

- 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: October 3, 2019 - October 14, 2019
- Tanks were: Removed
- Environmental site assessment has been performed in accordance with the requirements of federal or state law/regulations.

Roger Terlaga

PAMELA PINK
NOTARY PUBLIC-STATE OF NEW YORK
No. 01PI6140141
Qualified in Suffolk County
My Commission Expires 01-23-2022

New York City Underground Tank Installer
Certified of License # 85314227, expiration: 7/22/2021

Sworn before me this 11 day of Nov-19

Pamela Pink
Notary Public

50 Gear Avenue, Lindenhur st, NY 11757 Phone: (631) 586-5900 Fax: (631) 586-5910

APPENDIX E

Waste Manifests and Scrap Metal Tickets

EnviroTrac
Environmental Services

V. 654

job # 5526

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of
. . . . .	1322	

GENERATOR

3. Generator's Name and Mailing Address: J L J. Interprices — 46-41 Metropolitan Ave Brooklyn NY 11385

4. Generator's Phone ( )

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
AARCO ENVIRONMENTAL SERVICES CORP.	N.Y.R.0.0.0.1.0.7.3.2.6	631-586-5900
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
	. . . . .	
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
DALE TRANSFER CORP. 129 DALE STREET WEST BABYLON, NY 11704	. . . . . N/A	631-393-2882

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. NON-HAZARDOUS WASTE SOLID				P
b. NON-HAZARDOUS WASTE LIQUID Oily water	001	TT	150	G
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

EMERGENCY PHONE # 631-586-5900

Truck # V 654.

job # 5526

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	Signature	Month	Day	Year
X Yan Davies	X	9	25	19

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Oscar Cruz		9	25	19

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	Signature	Month	Day	Year
Armando Sanchez		9	25	19

ORIGINAL – RETURN TO GENERATOR

#0657 WO# 5526

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No. . . . . | Manifest Doc. No. 1431 | 2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
Envirotrac
46-01 Metropolitan Ave.
Queens, NY 11385

4. Generator's Phone ( )

Site: same

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
DALE TRANSFER CORP.
129 DALE STREET
WEST BABYLON, NY 11704
10. US EPA ID Number: **N/A** | C. Facility's Phone: **631-393-2882**

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. **NON-HAZARDOUS WASTE SOLID**				P
b. **NON-HAZARDOUS WASTE LIQUID** Oil/Water Mixture	0.01	TT	02.7.18	G
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
EMERGENCY PHONE # 631-586-5900 TT = Tank Truck
Profile # 2019-004

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	Signature	Month	Day	Year
x Matthew Miranda	x Matthew Miranda	09	27	19

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Sid Sumner		09	27	19

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	Signature	Month	Day	Year
Armando Sanchez		9	27	19

ORIGINAL – RETURN TO GENERATOR

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No. . . . . | Manifest Doc. No. 64524 | 2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address
JLJ 46-81 metropolitan AV QUEENS NY

4. Generator's Phone ( )

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
AWMT 208 RT. 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 / TRACES NON HAZ petroleum product	001	T/T	570	GAL
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
JOB # 5526
TRUCK V654

E. Handling Codes for Wastes Listed Above
NO 18
N A

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 [illegible] | Signature: X | Month 10 | Day 10 | Year 19

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials
Printed/Typed Name: Gerard Sallows | Signature | Month 10 | Day 10 | Year 19

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 10 | Day 10 | Year 19

ORIGINAL – RETURN TO GENERATOR

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No. . . . . | Manifest Doc. No. 64605 | 2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address
Metropolitan Avenue LLC
48-81 Metropolitan Ave
Queens, NY 11385
4. Generator's Phone ( )

Site: 46-81 Metropolitan Ave
Queens, NY 11385

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
AARCO ENVIRONMENTAL SERVICES CORP.	N.Y.R.0.0.0.1.0.7.3.2.6	631-586-5900
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
	. . . . .	
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
A.W.W.T 209 RT 109 Farmingdale, NY	NY.R.0.0.0.2.1.8.6.7.7	631-249-3774

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Haz Gas water mixture	0.0.1	T.T	.730	G
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Job # ~~6649~~ 5526 Approval # 1910-001
Truck # 672

E. Handling Codes for Wastes Listed Above

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	Signature	Month	Day	Year
John J Fraschilla		10	04	19

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Efem Kleyz		10	04	19

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	Signature	Month	Day	Year
Alex Brown		10	2	19

ORIGINAL – RETURN TO GENERATOR

Truck # 672

Job # 5526

NON-HAZARDOUS MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of
	65525	

GENERATOR

3. Generator's Name and Mailing Address: JL Enterprises — 46-81 Metropolitan Ave Queens NY 11385

4. Generator's Phone ( )

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
AARCO ENVIRONMENTAL SERVICES CORP.	N.Y.R.0.0.0.1.0.7.3.2.6	631-586-5900
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	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. NON HAZ Oily water	001	T	500	Gal
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

EMERGENCY PHONE # 631-586-5900

Job # 5526

Truck # 672

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	Signature	Month	Day	Year
X John Freschilla	X	10	14	19

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Oscar Cerda		10	14	19

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	Signature	Month	Day	Year
Armando Sanchez		10	14	19

ORIGINAL – RETURN TO GENERATOR

Tonnages for L5-2128 by Date, Log Number

From 9/1/2019 To 10/17/2019

Date	Log #	Truck Number	Truck Company	City	Batch#	Net
L5-2128						
			9/25/2019			
9/25/2019	17	412	MOTION		2583	30.69
9/25/2019	28	676	MOTION		2583	36.27
9/25/2019	29	752	MOTION		2583	34.74
9/25/2019	54	129	MOTION		2583	32.98
9/25/2019	73	605	MOTION		2583	33.38
	Total volume for Date = 9/25/2019 (5 detail records)		168.06	Average Weight:	33.612	
			9/26/2019			
9/26/2019	10	696	MOTION		2583	31.02
9/26/2019	11	422	MOTION		2583	24.46
9/26/2019	12	1082	MOTION		2583	29.01
9/26/2019	16	3260	MOTION		2583	22.89
9/26/2019	18	725	MOTION		2584	30.24
9/26/2019	48	201	MOTION		2584	34.17
	Total volume for Date = 9/26/2019 (6 detail records)		171.79	Average Weight:	28.63166667	
			9/27/2019			
9/27/2019	14	796	D&A		2584	31.41
9/27/2019	15	680	D&A		2584	28.41
9/27/2019	17	304	MOTION		2584	35.61
9/27/2019	18	412	MOTION		2584	34.13
9/27/2019	20	303	MOTION		2584	31.05
9/27/2019	33	548	MOTION		2584	25.26
9/27/2019	35	738	MOTION		2584	32.75
9/27/2019	42	13	MOTION		2584	31.28
9/27/2019	43	5	MOTION		2584	31.64
9/27/2019	52	11	D&A		2584	35.81
9/27/2019	53	1	D&A		2584	32.70
9/27/2019	65	129	MOTION		2584	36.02
9/27/2019	66	554	MOTION		2584	35.18
9/27/2019	76	874	D&A		2584	33.73
9/27/2019	78	809	D&A		2584	35.80
9/27/2019	83	19	D&A		2584	36.49
9/27/2019	88	4	D&A		2584	24.90
9/27/2019	90	415	MOTION		2584	30.00
9/27/2019	94	6	D&A		2585	21.63
9/27/2019	95	304	MOTION		2585	37.43
9/27/2019	99	303	MOTION		2585	28.91
9/27/2019	100	3	D&A		2585	30.28
9/27/2019	101	548	MOTION		2585	23.63
9/27/2019	102	738	MOTION		2585	26.10
	Total volume for Date = 9/27/2019 (24 detail records)		750.15	Average Weight:	31.25625	

Date	Log #	Truck Number	Truck Company	City	Batch#	Net
			9/30/2019			
9/30/2019	1	2	D&A		2585	31.26
9/30/2019	2	14	D&A		2585	14.38
9/30/2019	6	10	D&A		2585	20.99
	Total volume for Date = 9/30/2019 (3 detail records)		66.63	Average Weight: 22.21		
			10/4/2019			
10/4/2019	27	1052	MOTION		2586	33.74
10/4/2019	34	180	MOTION		2586	33.42
10/4/2019	38	412	MOTION		2586	33.52
10/4/2019	48	330	MOTION		2586	17.25
	Total volume for Date = 10/4/2019 (4 detail records)		117.93	Average Weight: 29.4825		
			10/14/2019			
10/14/2019	17	129	MOTION		2589	31.76
10/14/2019	39	421	MOTION		2589	28.28
10/14/2019	43	588	MOTION		2589	32.68
	Total volume for Date = 10/14/2019 (3 detail records)		92.72	Average Weight: 30.90666667		
			10/15/2019			
10/15/2019	8	422	MOTION		2590	24.78
10/15/2019	9	634	MOTION		2590	22.91
	Total volume for Date = 10/15/2019 (2 detail records)		47.69	Average Weight: 23.845		
Total Volume for Approval Number' = L5-2128 (47 detail records)					1414.97	
Total Trucks: 47						
Grand Total				1414.97		

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number: #1

GENERATOR

Generator Name: 255 Metro LLC c/o JLJ Enterprises
Address: 213-19 99th Ave.
Queens Village, NY 11429
Phone No.:

Shipping Location: 46-81 Metropolitan Ave.
Address: 46-81 Metropolitan Ave.
Ridgewood, NY
Phone No.:

Approval Number: L5-2128

Description of Material: Non Regulated Petroleum Contaminated Soil
Non DOT/RCRA Regulated

ID 412
GROSS 45.49 T GROSS
TARE 14.80 T TARE REC
NET 30.69 T NET
LOG 17
09/25/2019
09:49AM
TONNAGE

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, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Ben Davies Agent for JLJ — Signature — 9/25/19
Generator Authorized Agent Name — Signature — Shipment Date

TRANSPORTER

Transporter Name: J Brothers
Address: 66 Clark Rd
Wantage NJ
Driver Name (Print): Blanier
Vehicle License No./State: AU122M
Truck Number: 11

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 listed below.

Driver Signature — Delivery Date

DESTINATION

Site Name: Soil Safe Inc - Bridgeport
Phone No.: 856-467-8030
Address: 378 Route 130, Logan Township, NJ 08085

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

L. Garcia — 9 25 19
Name of Authorized Agent — Signature — Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co

SOIL SAFE, INC.

Log Number

3

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name 255 Metro LLC c/o JLJ Enterprises ~~213-19 99th Ave.~~

Address Queens Village, NY 11429

Phone No. _____

Shipping Location 46-81 Metropolitan Ave. ~~46-81 Metropolitan Ave.~~

Address Ridgewood, NY

Phone No. _____

Approval Number ~~LS-2128~~

Description of Material

Non Regulated Petroleum Contaminated ~~Soil~~
Non DOT/RCRA Regulated

ID 676
GROSS 50.39 T GROSS
TARE 14.12 T TARE 2990
NET 26 36.27 T NET
LOG
09/25/2019
10:38AM TONNAGE

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, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Ken Davies Agent for JLJ — 9/25/19

Generator Authorized Agent Name — Signature — Shipment Date

TRANSPORTER

Transporter Name J. BROTHERS Driver Name (Print) Orellis

Address Calverton 20.5 Vehicle License No./State A02430

Truck Number 17

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

Driver Signature — 09/25/19 Shipment Date

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

Driver Signature — 09/25/19 Delivery Date

DESTINATION

Site Name Soil Safe Inc - Bridgeport Phone No. ~~856-467-8030~~

Address 378 Route 130, Logan Township, NJ 08085

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

_____ J Garcia 9 25 19

Name of Authorized Agent — Signature — Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number: 45

GENERATOR

Generator Name: 255 Metro LLC c/o JLJ Enterprises
~~213-19 99th Ave.~~

Address: Queens Village, NY 11429

Phone No.:

Shipping Location: 46-81 Metropolitan Ave.
~~46-81 Metropolitan Ave.~~

Address: Ridgewood, NY

Phone No.:

Approval Number: ~~LS-2128~~

Description of Material: Non Regulated Petroleum Contaminated ~~Soil~~ Fill Dirt Non DOT/RCRA Regulated

ID 752
GROSS 49.05 T ~~GROSS~~
TARE 14.31 T TARE REC
NET 29 34.74 T NET
LOG
09/25/2019 TONNAGE
10:41AM

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, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Ken Davies Agent for JLJ — Generator Authorized Agent Name
Signature
9/25/19 — Shipment Date

TRANSPORTER

Transporter Name: J BROTHERS
Address:
Driver Name (Print): ANGEL
Vehicle License No./State: AU874R
Truck Number: 15

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

Driver Signature
9/25/19 — Shipment Date

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

Driver Signature
9/25/19 — Delivery Date

DESTINATION

Site Name: Soil Safe Inc - Bridgeport
Phone No.: 856-467-8030
Address: 378 Route 130, Logan Township, NJ 08085

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

A Gore — Name of Authorized Agent
Signature
9 25 19 — Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number: 54

GENERATOR

Generator Name: 255 Metro LLC c/o JLJ Enterprises
Address: 213-19 99th Ave.
Queens Village, NY 11429
Phone No.

Shipping Location: 46-81 Metropolitan Ave.
Address: 46-81 Metropolitan Ave.
Ridgewood, NY
Phone No.

Approval Number: LS-2128

Description of Material: Non Regulated Petroleum Contaminated Soil Non DOT/RCRA Regulated

FILED

ID 129
GROSS 47.43 T GROSS
TARE 14.45 T TARE
NET 32.98 T NET
LOG 54
09/25/2019
01:27PM
TONNAGE

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, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Ken Davies Agent for JLJ — Signature — 9/25/19
Generator Authorized Agent Name — Signature — Shipment Date

TRANSPORTER

Transporter Name: J Brothers
Address:
Driver Name (Print): Lester
Vehicle License No./State: IAU 897Z
Truck Number: 11

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 listed below.

Driver Signature — Delivery Date: 9/25/19

DESTINATION

Site Name: Soil Safe Inc - Bridgeport
Phone No.: 856-467-8030
Address: 378 Route 130, Logan Township, NJ 08085

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

Name of Authorized Agent — Signature: J Garcia — Receipt Date: 9/25/19

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number: #6

GENERATOR

Generator Name: 255 Metro LLC c/o JLJ Enterprises
Address: 213-19 99th Ave. Queens Village, NY 11429
Phone No.:

Shipping Location: 46-81 Metropolitan Ave.
Address: 46-81 Metropolitan Ave. Ridgewood, NY
Phone No.:

Approval Number: L5-2128

Description of Material: Non ~~Regulated~~ Petroleum Contaminated Soil Non DOT/RCRA Regulated

ID 605
GROSS 48.15 T GROSS
TARE 14.77 T TARE REC
NET 13 33.38 T NET
LOG
09/25/2019
04:38PM TONNAGE

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, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Ken Davies Agent for JLJ — Signature — 9/25/19
Generator Authorized Agent Name — Signature — Shipment Date

TRANSPORTER

Transporter Name: CP Trucking
Address: 1045 Richmond Terr Elizabeth, NJ
Driver Name (Print): Carlos
Vehicle License No./State: AV 169 L
Truck Number: 07

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

Driver Signature — 09/25/19 Shipment Date

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

Driver Signature — 09/25/19 Delivery Date

DESTINATION

Site Name: Soil Safe Inc - Bridgeport
Phone No.: 856-467-3030
Address: 378 Route 130, Logan Township, NJ 08085

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

Name of Authorized Agent — J Garcia — 92519 Receipt Date
Signature

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

Log Number 631365 4437
7

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name 255 Metro LLC c/o JLJ Enterprises
Address 213-19 99th Ave.
Queens Village, NY 11429
Phone No.

Shipping Location 46-81 Metropolitan Ave.
Address 46-81 Metropolitan Ave.
Ridgewood, NY
Phone No.

Approval Number LS-2128

Description of Material
Non Regulated Petroleum Contaminated Soil
Non DOT/RCRA Regulated

ID 696
GROSS 45.59 T GROSS
TARE 14.57 T TARE
NET 10 31.02 T NET
LOG
09/26/2019 TONNAGE
09:14AM

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, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Ken Davies Agent for JLJ — Generator Authorized Agent Name
Signature
9/26/19 — Shipment Date

TRANSPORTER

Transporter Name JLM
Address
Driver Name (Print) Joseph
Vehicle License No./State AU 552N
Truck Number 3270

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

Driver Signature
9/26/19 — Shipment Date

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

Driver Signature
9/26/19 — Delivery Date

DESTINATION

Site Name Soil Safe Inc - Bridgeport
Phone No. 856-467-8030
Address 378 Route 130, Logan Township, NJ 08085

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

Name of Authorized Agent
Signature
9 26 19 — Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

Log Number: #4

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name: 253 Metro LLC c/o JLJ Enterprises
Address: 213-19 99th Ave.
Queens Village, NY 11429
Phone No.:

Shipping Location: 46-81 Metropolitan Ave.
Address: 46-81 Metropolitan Ave.
Ridgewood, NY
Phone No.:

Approval Number: L5-2128

Description of Material: Non Regulated Petroleum Contaminated Soil Non DOT/RCRA Regulated

ID 422
GROSS 38.94 T GROSS
TARE 14.48 T TARE REC
NET 11 24.46 T NET
LOG
09/26/2019
09:22AM
TONNAGE

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, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Ken Davies agent for JLJ — 9/26/19
Generator Authorized Agent Name — Signature — Shipment Date

TRANSPORTER

Transporter Name: JGM
Address: Kearny
Driver Name (Print): Jairo Chavarro
Vehicle License No./State: AT261J
Truck Number: 5261

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 listed below.
Driver Signature — Delivery Date

DESTINATION

Site Name: Soil Safe Inc - Bridgeport
Phone No.: 856-467-3030
Address: 378 Route 130, Logan Township, NJ 08085

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

Name of Authorized Agent — Signature — Receipt Date: 9/26/19

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number
10

GENERATOR

Generator Name 255 Metro LLC c/o JLJ Enterprises
Address 213-19 99th Ave.
Queens Village, NY 11429
Phone No.

Shipping Location 46-81 Metropolitan Ave.
Address 46-81 Metropolitan Ave.
Ridgewood, NY
Phone No.

Approval Number
L5-2128

Description of Material
Non ~~Regulated~~ Petroleum Contaminated Soil
Non DOT/RCRA Regulated

ID 1082
GROSS 43.86 GROSS
TARE 14.85 T TARE EC
NET 29.01 T NET
LOG 12
09/26/2019
09:32AM
TONNAGE

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, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Ken Davies agent for JLJ — Signature — 9/26/19
Generator Authorized Agent Name — Signature — Shipment Date

TRANSPORTER

Transporter Name JGM
Address
Driver Name (Print) Eveltus
Vehicle License No./State 477206
Truck Number 3267

I hereby certify that the above named material was picked up at the generator site listed above.
Eveltus 9/26/19
Driver Signature — Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.
Eveltus 9/26/19
Driver Signature — Delivery Date

DESTINATION

Site Name Soil Safe Inc - Bridgeport
Phone No. 856-467-8030
Address 378 Route 130, Logan Township, NJ 08085

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

J Garcia 9 26 19
Name of Authorized Agent — Signature — Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

37.55

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number: 9

GENERATOR

Generator Name: 255 Metro LLC c/o JLJ Enterprises
Address: 213-19 99th Ave.
Queens Village, NY 11429
Phone No.:

Shipping Location: 46-81 Metropolitan Ave.
Address: 46-81 Metropolitan Ave.
Ridgewood, NY
Phone No.:

ID .03260
GROSS 37.58 T GROSS
TARE 14.69 T TARE
NET 22.89 T NET
LOG 16
09/26/2019
09:55AM
TONNAGE

Approval Number: L5-2128

Description of Material:
Non Regulated Petroleum Contaminated Soil
Non DOT/RCRA Regulated

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, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Ken Davis agent for JLJ — Signature — 9/26/19
Generator Authorized Agent Name — Signature — Shipment Date

TRANSPORTER

Transporter Name: JGM
Address: NJ
Driver Name (Print): Osmar Hernandez
Vehicle License No./State: AT341T
Truck Number: 3260

I hereby certify that the above named material was picked up at the generator site listed above.
Driver Signature — 9/26/19 Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.
Driver Signature — 9/26/19 Delivery Date

DESTINATION

Site Name: Soil Safe Inc - Bridgeport
Phone No.: 856-467-3030
Address: 378 Route 130, Logan Township, NJ 08085

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

A Garcia — 9 26 19
Name of Authorized Agent — Signature — Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number: #11

GENERATOR

Generator Name: 255 Metro LLC c/o JLJ Enterprises
Address: 213-19 99th Ave.
Queens Village, NY 11429
Phone No.

Shipping Location: 46-81 Metropolitan Ave.
Address: 46-81 Metropolitan Ave.
Ridgewood, NY
Phone No.

Approval Number: L5-2128

Description of Material: Non Regulated Petroleum Contaminated Soil
Non DOT/RCRA Regulated

ID 725
GROSS 44.64 T GROSS
TARE 14.40 T TARE REC
NET 30.24 T NET
LOG 18
09/26/2019
10:25AM TONNAGE

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, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Ken Davies Agent for JLJ — Signature — 9/26/19
Generator Authorized Agent Name — Signature — Shipment Date

TRANSPORTER

Transporter Name: JGM
Address: Pennsylvania NJ
Driver Name (Print): Ronald Z
Vehicle License No./State: 43772
Truck Number: 3270

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

Ronald Z — 09-26-19
Driver Signature — Shipment Date

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

Driver Signature — Delivery Date

DESTINATION

Site Name: Soil Safe Inc - Bridgeport
Phone No.: 856-467-8030
Address: 378 Route 130, Logan Township, NJ 08085

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

J Garcia — 9 26 19
Name of Authorized Agent — Signature — Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number: #2

GENERATOR

Generator Name: 255 Metro LLC c/o JLJ Enterprises
Address: 213-19 99th Ave.
Queens Village, NY 11429
Phone No.:

Shipping Location: 46-81 Metropolitan Ave.
Address: 46-81 Metropolitan Ave.
Ridgewood, NY
Phone No.:

Approval Number: L5-2128

Description of Material: Non ~~Regulated~~ Petroleum Contaminated Soil
Non DOT/RCRA Regulated

ID 201
GROSS 48.69 T GROSS
TARE 14.52 T TARE
NET 34.17 T NET
LOG 48
09/26/2019
04:22PM TONNAGE

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, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Ken Davies Agent For JLJ — Generator Authorized Agent Name
Signature
9/25/19 — Shipment Date

TRANSPORTER

Transporter Name: A & J
Address:
Driver Name (Print): Jorge Caldas
Vehicle License No./State: AU207K
Truck Number: #03

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 listed below.
Driver Signature — Delivery Date

DESTINATION

Site Name: Soil Safe Inc - Bridgeport
Phone No.: 856-467-8030
Address: 378 Route 130, Logan Township, NJ 08085

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

J Garcia — Name of Authorized Agent
Signature
9 26 19 — Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

Log Number

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name 255 Metro LLC c/o JLJ Enterprises

Address 213-19 99th Ave. Queens Village, NY 11429

Phone No. _____

Shipping Location 46-81 Metropolitan Ave. 46-81 Metropolitan Ave.

Address _____ Ridgewood, NY

Phone No. _____

Approval Number L5-2128

Description of Material

Non Regulated Petroleum Contaminated Soil
Non DOT/RCRA Regulated
ALLIED

19.72G
GROSS 45.26 T GROSS
TARE 13.85 T TARE REC
NET 14 31.41 T NET
LOG 14
09/27/2019
09:15AM TONNAGE

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, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Matthew Miranda — Matthew Miranda — 09/27/19
Generator Authorized Agent Name — Signature — Shipment Date

TRANSPORTER

Transporter Name TEV. corp

Address NO

Driver Name (Print) Jose F Miranda

Vehicle License No./State NMR237E

Truck Number 42

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

1PM 9-27-19
Driver Signature — Shipment Date

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

1PM 9-27-19
Driver Signature — Delivery Date

DESTINATION

Site Name Soil Safe Inc - Bridgeport 378 Route 130, Logan Township, NJ 08085

Phone No. 856-467-8030

Address _____

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

_____ — L Garcia — 9 27 19
Name of Authorized Agent — Signature — Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

Log Number

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name 255 Metro LLC c/o JLJ Enterprises

Address 213-19 99th Ave.
Queens Village, NY 11429

Phone No. _____

Shipping Location 46-81 Metropolitan Ave.

Address 46-81 Metropolitan Ave.
Ridgewood, NY

Phone No. _____

Approval Number L5-2128

Description of Material

Non ~~Regulated~~ Petroleum Contaminated Soil
Non DOT/RCRA Regulated

ID 680
GROSS 42.14 T GROSS
TARE 13.73 T TARE REC
NET 28.41 T NET
LOG 15
09/27/2019
09:19AM
TONNAGE

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, 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 09/27/19

TRANSPORTER

Transporter Name TEV

Address _____

Driver Name (Print) OSCAR

Vehicle License No./State AR 236E

Truck Number 1

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

Driver Signature _____ Shipment Date 9/27/19

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

Driver Signature _____ Delivery Date 9/27/19

DESTINATION

Site Name Soil Safe Inc - Bridgeport

Phone No. 856-467-8030

Address 378 Route 130, Logan Township, NJ 08085

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

Name of Authorized Agent _____ Signature J Garcia Receipt Date 9 27 19

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

Log Number

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name 255 Metro LLC c/o JLJ Enterprises

Address 213-19 99th Ave.

Queens Village, NY 11429

Phone No.

Shipping Location 46-81 Metropolitan Ave.

Address 46-81 Metropolitan Ave.

Ridgewood, NY

Phone No.

Approval Number L5-2128

Description of Material

ALLED
Non Regulated Petroleum
Contaminated Soil
Non DOT/RCRA Regulated

ID .011
GROSS 49.88 GROSSEC
TARE 14.07 T TARE
NET 35.81 T
LOG S2 NET
09/27/2019
12:38PM TONNAGE

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, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Matthew Nowak — Matthew Nowak — 09/27/19

Generator Authorized Agent Name — Signature — Shipment Date

TRANSPORTER

Transporter Name Thomson Trucking Driver Name (Print) AXEL

Address

Vehicle License No./State AU-4210

Truck Number #11

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

Axel — 9/27/19

Driver Signature — Shipment Date

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

Axel — 9/27/19

Driver Signature — Delivery Date

DESTINATION

Site Name Soil Safe Inc - Bridgeport Phone No. 856-467-8030

Address 378 Route 130, Logan Township, NJ 08085

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

J Garcia — 9:27 19

Name of Authorized Agent — Signature — Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

Log Number

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name 255 Metro LLC c/o JLJ Enterprises

Address 213-19 99th Ave.

Queens Village, NY 11429

Phone No. _____

Shipping Location 46-81 Metropolitan Ave.

Address 46-81 Metropolitan Ave.

Ridgewood, NY

Phone No. _____

Approval Number L5-2128

Description of Material

Non Regulated Petroleum
Contaminated Soil
Non DOT/RCRA Regulated

ID .01
GROSS 46.75 T GROSS
TARE 14.05 T TARE
NET 32.70 T NET
LOG S3
09/27/2019
12:40PM
TONNAGE

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, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Matthew Miranda — Signature — 09/27/19

Generator Authorized Agent Name — Signature — Shipment Date

TRANSPORTER

Transporter Name Jhonatan Trucking

Address _____

Driver Name (Print) Alex Salgado

Vehicle License No./State A04201D/NJ

Truck Number 01

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

Driver Signature — 9/27/19 Shipment Date

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

Driver Signature — 9/27/19 Delivery Date

DESTINATION

Site Name Soil Safe Inc - Bridgeport

Phone No. 856-467-8030

Address 378 Route 130, Logan Township, NJ 08085

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

J Garcia — Signature — 9 27 19

Name of Authorized Agent — Signature — Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

Log Number

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name 255 Metro LLC c/o JLJ Enterprises

Address 213-19 99th Ave.

Queens Village, NY 11429

Phone No. _____

Shipping Location 46-81 Metropolitan Ave.

Address 46-81 Metropolitan Ave.

Ridgewood, NY

Phone No. _____

Approval Number L5-2128

Description of Material

Non Regulated Petroleum Contaminated Soil
Non DOT/RCRA Regulated

ID 874
GROSS 47.61 T GROSS
TARE 13.88 T TARE REC
NET 76 33.73 T NET
LOG
09/27/2019 TONNAGE
02:17PM

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, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Matthew Miranda Matthew Miranda 09/27/19

Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name DSM Driver Name (Print) ROGER

Address BLOOMFIELD NJ Vehicle License No./State AT532X

Truck Number 15

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 listed below.

Driver Signature Delivery Date

DESTINATION

Site Name Soil Safe Inc - Bridgeport Phone No. 856-467-3030

Address 378 Route 130, Logan Township, NJ 08085

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

J Cooper 9 27 19

Name of Authorized Agent Signature Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

Log Number

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name 255 Metro LLC c/o JLJ Enterprises
Address 213-19 99th Ave. Queens Village, NY 11429
Phone No.

Shipping Location 46-81 Metropolitan Ave. 46-81 Metropolitan Ave.
Address Ridgewood, NY

Approval Number L5-2128

Description of Material: Non Regulated Petroleum Contaminated Soil ~~Class E~~ Non DOT/RCRA Regulated

ID 809
GROSS 49.74 T GROSS
TARE 13.94 T TARE
NET 78 35.80 T NET
LOG
09/27/2019
02:25PM
TONNAGE

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, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Matthew D'Arrigo — Matthew D'Arrigo — 09/27/19
Generator Authorized Agent Name — Signature — Shipment Date

TRANSPORTER

Transporter Name DSR Trucking LLC Driver Name (Print) Roberto Vasquez
Address
Vehicle License No./State AU3956
Truck Number 16

I hereby certify that the above named material was picked up at the generator site listed above.
Driver Signature — 9/27/19 Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.
Driver Signature — 9/27/19 Delivery Date

DESTINATION

Site Name Soil Safe Inc - Bridgeport Phone No. 856-467-3030
Address 378 Route 130, Logan Township, NJ 08085

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

L Garcia — 9 27 19
Name of Authorized Agent — Signature — Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

Se21

SOIL SAFE, INC.

Log Number

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name 255 Metro LLC c/o JLJ Enterprises

Address 213-19 99th Ave.

Queens Village, NY 11429

Phone No. _____

Shipping Location 46-81 Metropolitan Ave.

Address 46-81 Metropolitan Ave.

Ridgewood, NY

Phone No. _____

Approval Number L5-2128

Description of Material FILLED

Non Regulated Petroleum Contaminated Soil
Non DOT/RCRA Regulated

ID .019
GROSS 50.78 GROSS
TARE 14.29 TARE
NET 36.49 NET
LOG 83
09/27/2019
02:40PM
TONNAGE

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, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Matthew Schrader — 09/27/19

Generator Authorized Agent Name — Signature — Shipment Date

TRANSPORTER

Transporter Name DSM

Address Bloomfield

Driver Name (Print) Angelo Brasch

Vehicle License No./State AS 861 R

Truck Number 19

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

Driver Signature — 9-27-19 Shipment Date

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

Driver Signature — 9-27-19 Delivery Date

DESTINATION

Site Name Soil Safe Inc - Bridgeport

Phone No. 856-467-8030

Address 378 Route 130, Logan Township, NJ 08085

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

Name of Authorized Agent — J Garcia — Signature — 9 27 19 Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number

GENERATOR

Generator Name 255 Metro LLC c/o JLJ Enterprises
Address 213-19 99th Ave.
Queens Village, NY 11429
Phone No.

Shipping Location 46-81 Metropolitan Ave.
Address 46-81 Metropolitan Ave.
Ridgewood, NY
Phone No.

Approval Number L5-2128

Description of Material
ALLED
Non Regulated Petroleum
Contaminated Soil
Non DOT/RCRA Regulated

ID .04
GROSS 39.13 T GROSS
TARE 14.23 T TARE
NET 24.90 T
LOG 88
09/27/2019
02:59PM
NET TONNAGE

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, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Matthew Alexander — 09/27/19
Generator Authorized Agent Name — Signature — Shipment Date

TRANSPORTER

Transporter Name SONATAS
Address
Driver Name (Print) SAN CARLOS
Vehicle License No./State RT01124
Truck Number 4

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 listed below.

Driver Signature — Delivery Date

DESTINATION

Site Name Soil Safe Inc - Bridgeport
Phone No. 856-467-8030
Address 378 Route 130, Logan Township, NJ 08085

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

J Garcia — 9 27 19
Name of Authorized Agent — Signature — Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number

GENERATOR

Generator Name 255 Metro LLC c/o JLJ Enterprises

Address 213-19 99th Ave. Queens Village, NY 11429

Phone No.

Shipping Location 46-81 Metropolitan Ave.

Address 46-81 Metropolitan Ave. Ridgewood, NY

Phone No.

Approval Number L5-2128

Description of Material ALLIED
Non Regulated Petroleum
Contaminated Soil
Non DOT/RCRA Regulated

ID .06
GROSS 35.99 T GROSS
TARE 14.36 T TARE
NET 21.63 T
LOG 94
09/27/2019
03:48PM NET TONNAGE

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, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Matthew Miranda Matthew [signature] 09/27/19
Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name Jonathan

Address

Driver Name (Print) Jonathan

Vehicle License No./State #992B

Truck Number 06

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

[signature] 9/27/19
Driver Signature Shipment Date

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

[signature] 9/27/19
Driver Signature Delivery Date

DESTINATION

Site Name Soil Safe Inc - Bridgeport

Phone No. 856-467-8030

Address 378 Route 130, Logan Township, NJ 08085

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

Name of Authorized Agent J Garcia Signature 9 27 19 Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

44 55

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number

GENERATOR

Generator Name 255 Metro LLC c/o JLJ Enterprises

Address 213-19 99th Ave. Queens Village, NY 11429

Phone No.

Shipping Location 46-81 Metropolitan Ave.

Address 46-81 Metropolitan Ave. Ridgewood, NY

Approval Number L5-2128

Description of Material

Non Regulated Petroleum
Contaminated Soil
Non DOT/RCRA Regulated

ID .03
GROSS 44.54 T GROSS EC
TARE 14.26 T TARE
NET 30.28 T NET
LOG 100
09/27/2019
05:09PM TONNAGE

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, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Matthew Miranda — Signature — 09/27/19

Generator Authorized Agent Name — Signature — Shipment Date

TRANSPORTER

Transporter Name Jonatan Trucking

Address

Driver Name (Print) Mike Demarbo

Vehicle License No./State

Truck Number 03

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

Driver Signature — 9/27/19 Shipment Date

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

Driver Signature — 9/27/19 Delivery Date

DESTINATION

Site Name Soil Safe Inc - Bridgeport

Address 378 Route 130, Logan Township, NJ 08085

Phone No. 856-467-8030

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

Name of Authorized Agent — J Correia — Signature — 9 27 19 Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

Log Number

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name 255 Metro LLC c/o JLJ Enterprises

Address 213-19 99th Ave.
Queens Village, NY 11429

Phone No.

Shipping Location 46-81 Metropolitan Ave.

Address 46-81 Metropolitan Ave.
Ridgewood, NY

Approval Number L5-2128

Description of Material

Non Regulated Petroleum Contaminated Soil
FILLED
Non DOT/RCRA Regulated

ID 304
GROSS 50.38 T GROSS
TARE 14.77 T TARE
NET 17 35.61 T NET
LOG
09/27/2019
09:39AM
TONNAGE

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, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Matthew Miranda Matthew Miranda 09/27/19
Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name AXI

Address

Driver Name (Print) Jorge Caldas

Vehicle License No./State NJ AU780V

Truck Number #02

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 listed below.

Driver Signature Delivery Date

DESTINATION

Site Name Soil Safe Inc - Bridgeport

Phone No. 856-467-8030

Address 378 Route 130, Logan Township, NJ 08085

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

J Garcia 9 27 19
Name of Authorized Agent Signature Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

Log Number

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name 255 Metro LLC c/o JLJ Enterprises

Address 213-19 99th Ave. Queens Village, NY 11429

Phone No. _____

Shipping Location 46-81 Metropolitan Ave.

Address 46-81 Metropolitan Ave. Ridgewood, NY

Phone No. _____

Approval Number L5-2128

Description of Material

Non Regulated Petroleum Contaminated Soil
Non DOT/RCRA Regulated

ID 412
GROSS 48.93 T GROSS
TARE 14.80 T TARE
NET 18 34.13 T NET
LOG
09/27/2019
09:41AM
TONNAGE

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, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Matthew Miranda Matthew Miranda 09/27/19
Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name J Brothers

Address 616 Clark Rd Vantage NJ

Driver Name (Print) Reinier

Vehicle License No./State AU122M

Truck Number 11

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 listed below.

Driver Signature _____ 9/27/19 Delivery Date

DESTINATION

Site Name Soil Safe Inc - Bridgeport

Phone No. 856-467-8030

Address 378 Route 130, Logan Township, NJ 08085

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

_____ d Garcia 9 27 19
Name of Authorized Agent Signature Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

Log Number

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name 255 Metro LLC c/o JLJ Enterprises

Address 213-19 99th Ave. Queens Village, NY 11429

Phone No. _____

Shipping Location 46-81 Metropolitan Ave. 46-81 Metropolitan Ave. Ridgewood, NY

Address _____

Phone No. _____

ID 303
GROSS 45.03 T GROSS
TARE 13.98 T TARE REC
NET 20 31.05 T NET
LOG
09/27/2019
09:57AM TONNAGE

Approval Number L5-2128

Description of Material

Non Regulated Petroleum Contaminated Soil
Non DOT/RCRA Regulated

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, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Matthew Miranda | Matthew Miranda | 09/27/19

Generator Authorized Agent Name | Signature | Shipment Date

TRANSPORTER

Transporter Name Ajila Trucking LLC Driver Name (Print) Junior

Address _____ Vehicle License No./State AU2437 NJ

Truck Number #01

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

Driver Signature | 09-27-19 Shipment Date

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

Driver Signature | 09-27-19 Delivery Date

DESTINATION

Site Name Soil Safe Inc - Bridgeport Phone No. 856-467-8030

Address 378 Route 130, Logan Township, NJ 08085

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

J Garcia | 9 27 19

Name of Authorized Agent | Signature | Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

Log Number

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name 255 Metro LLC c/o JLJ Enterprises

Address 213-19 99th Ave.
Queens Village, NY 11429

Phone No. _____

Shipping Location 46-81 Metropolitan Ave.

Address 46-81 Metropolitan Ave.
Ridgewood, NY

Phone No. _____

Approval Number L5-2128

Description of Material

Non Regulated ~~Petroleum~~
Contaminated Soil
Non DOT/RCRA Regulated

ID 548
GROSS 40.01 T GROSS
TARE 14.75 T TARE REC
NET 33 25.26 T NET
LOG
09/27/2019
10:53AM TONNAGE

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, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Matthew Ulvola | Matthew Ulvola | 09/27/19
Generator Authorized Agent Name | Signature | Shipment Date

TRANSPORTER

Transporter Name L.G. Trucking

Address NJ

Driver Name (Print) Ivan Gaviria

Vehicle License No./State AW411E-NJ

Truck Number 9906

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

Driver Signature | 9-27-19 Shipment Date

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

Driver Signature | 9-27-19 Delivery Date

DESTINATION

Site Name Soil Safe Inc - Bridgeport

Phone No. 856-467-8030

Address 378 Route 130, Logan Township, NJ 08085

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

J Garcia | 9 27 19
Name of Authorized Agent | Signature | Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

Log Number

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name 255 Metro LLC c/o JLJ Enterprises

Address 213-19 99th Ave.
Queens Village, NY 11429

Phone No.

Shipping Location 46-81 Metropolitan Ave.

Address 46-81 Metropolitan Ave.
Ridgewood, NY

Phone No.

Approval Number LS-2128

Description of Material

Non Regulated Petroleum
Contaminated Soil
Non DOT/RCRA Regulated

ID 738
GROSS 48.03 T GROSS
TARE 15.28 T REC TARE
NET 32.75 T NET
LOG 09/27/2019
10:59AM TONNAGE

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, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Mathew Miranda — Signature — 09/27/19
Generator Authorized Agent Name — Signature — Shipment Date

TRANSPORTER

Transporter Name C. G. Trucking

Address NJ

Driver Name (Print) Victor Caviris

Vehicle License No./State AW271B

Truck Number #4908

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

Driver Signature — 09/27
Shipment Date

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

Driver Signature — 09/27
Delivery Date

DESTINATION

Site Name Soil Safe Inc - Bridgeport

Phone No. 856-467-8030

Address 378 Route 130, Logan Township, NJ 08085

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

J Garcia — Signature — 9 27 19
Name of Authorized Agent — Signature — Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

Log Number

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name 255 Metro LLC c/o JLJ Enterprises

Address 213-19 99th Ave.

Queens Village, NY 11429

Phone No. _____

Shipping Location 46-81 Metropolitan Ave.

Address 46-81 Metropolitan Ave.

Ridgewood, NY

Phone No. _____

Approval Number L5-2128

Description of Material ED

Non Regulated Petroleum
Contaminated Soil
Non DOT/RCRA Regulated

ID: 013
GROSS 45.39 T 0EC GROSS
TARE 14.11 T TARE
NET 31.28 T NET
LOG 42
09/27/2019
12:05PM
TONNAGE

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, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Matthew Miranda — 09/27/19

Generator Authorized Agent Name — Signature — Shipment Date

TRANSPORTER

Transporter Name JHONATAN

Driver Name (Print) William

Address _____

Vehicle License No./State AU103P

Truck Number _____

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

09-27-19

Driver Signature — Shipment Date

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

9-27-19

Driver Signature — Delivery Date

DESTINATION

Site Name Soil Safe Inc - Bridgeport

Phone No. 856-467-8030

Address 378 Route 130, Logan Township, NJ 08085

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

A Garcia — 9 27 19

Name of Authorized Agent — Signature — Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

Log Number

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name 255 Metro LLC c/o JLJ Enterprises

Address 213-19 99th Ave.
Queens Village, NY 11429

Phone No. _____

Shipping Location 46-81 Metropolitan Ave.

Address 46-81 Metropolitan Ave.
Ridgewood, NY

Phone No. _____

Approval Number L5-2128

Description of Material
ALLED
Non Regulated Petroleum
Contaminated Soil
Non DOT/RCRA Regulated

ID .05
GROSS 45.78 T GROSS
TARE 14.14 T TARE
NET 43 31.64 T NET
LOG
09/27/2019
12:09PM TONNAGE

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, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Matthew Mirola _____ 09/27/19
Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name Thuretta T. Driver Name (Print) Omar Lopez

Address Budd Lake, NJ Vehicle License No./State AU357H - NJ

Truck Number 05

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

_____ 9/27/19
Driver Signature Shipment Date

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

_____ 9/27/19
Driver Signature Delivery Date

DESTINATION

Site Name Soil Safe Inc - Bridgeport Phone No. 856-467-8030

Address 378 Route 130, Logan Township, NJ 08085

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

_____ J Corai 9 27 19
Name of Authorized Agent Signature Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

Log Number

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name 255 Metro LLC c/o JLJ Enterprises

Address 213-19 99th Ave.
Queens Village, NY 11429

Phone No.

Shipping Location 46-81 Metropolitan Ave.

Address 46-81 Metropolitan Ave.
Ridgewood, NY

Phone No.

Approval Number L5-2128

Description of Material

Non Regulated Petroleum Contaminated Soil
ALLEN
Non DOT/RCRA Regulated

ID 129
GROSS 50.47 T GROSS
TARE 14.45 T TARE REC
NET 36.02 T NET
LOG 65
09/27/2019 TONNAGE
01:27PM

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, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Matthew Miranda — 09/27/19
Generator Authorized Agent Name — Signature — Shipment Date

TRANSPORTER

Transporter Name J Brothers

Address

Driver Name (Print) Lester

Vehicle License No./State AV8972

Truck Number #1

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 listed below.

Driver Signature — Delivery Date 9/27/19

DESTINATION

Site Name Soil Safe Inc - Bridgeport

Phone No. 856-467-8030

Address 378 Route 130, Logan Township, NJ 08085

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

J Garcia — 9 27 19
Name of Authorized Agent — Signature — Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

Log Number

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name 255 Metro LLC c/o JLJ Enterprises

Address 213-19 99th Ave. Queens Village, NY 11429

Phone No. _____

Shipping Location 46-81 Metropolitan Ave. 46-81 Metropolitan Ave. Ridgewood, NY

Address _____

Phone No. _____

ID 554
GROSS 49.36 T GROSS
TARE 14.18 T TARE REC
NET 66 35.18 T NET
LOG
09/27/2019
01:29PM TONNAGE

Approval Number L5-2128

Description of Material

Non Regulated Petroleum
Contaminated Soil
Non DOT/RCRA Regulated

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, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Matthew Mirander Matthew Mirander 09/27/19
Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name 66 Clark RD

Address Jeffords

Driver Name (Print) Kevin Gibbons

Vehicle License No./State DJ C23 NJ

Truck Number 12

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

Kevin Gibbons 9/27
Driver Signature Shipment Date

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

9-27-19
Driver Signature Delivery Date

DESTINATION

Site Name Soil Safe Inc - Bridgeport

Phone No. 856-467-8030

Address 378 Route 130, Logan Township, NJ 08085

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

A Garcia 9/27/19
Name of Authorized Agent Signature Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

Log Number

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name 255 Metro LLC c/o JLJ Enterprises

Address 213-19 99th Ave.

Queens Village, NY 11429

Phone No.

Shipping Location 46-81 Metropolitan Ave.

Address 46-81 Metropolitan Ave.

Ridgewood, NY

Phone No.

Approval Number L5-2128

Description of Material

Non ~~Regulated~~ Petroleum Contaminated Soil
Non DOT/RCRA Regulated

ID 425
GROSS 44.23 T GROSS
TARE 14.23 T TARE REC
NET 30.00 T NET
LOG 90
09/27/2019
03:17PM TONNAGE

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, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Matthew Williams — 09/27/19

Generator Authorized Agent Name | Signature | Shipment Date

TRANSPORTER

Transporter Name ARV

Address Phillipsburg NJ

Driver Name (Print) Angel

Vehicle License No./State AW168D

Truck Number 12

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

9/27/19

Driver Signature | Shipment Date

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

9/27/19

Driver Signature | Delivery Date

DESTINATION

Site Name Soil Safe Inc - Bridgeport

Phone No. 856-467-8030

Address 378 Route 130, Logan Township, NJ 08085

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

Name of Authorized Agent | Signature | Receipt Date

White - Facility | Green - Facility | Yellow - Generator | Pink - Broker | Goldenrod - Contractor | Blue - Trucking Co

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number

GENERATOR

Generator Name 255 Metro LLC c/o JLJ Enterprises
213-19 99th Ave.

Address Queens Village, NY 11429

Phone No. _____

Shipping Location 46-81 Metropolitan Ave.
46-81 Metropolitan Ave.

Address Ridgewood, NY

Phone No. _____

ID 504
GROSS 52.20 T GROSS
TARE 14.77 T TARE SEC
NET 95 37.43 T NET
LOG
09/27/2019
04:07PM TONNAGE

Approval Number LS-2128

Description of Material
~~ENTER~~
Non Regulated Petroleum Contaminated Soil
Non DOT/RCRA Regulated

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, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Matthew Miranda Matthew Miranda 09/27/19
Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name AAJ

Address _____

Driver Name (Print) Jorge Calles

Vehicle License No./State AJ7800

Truck Number 401

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 listed below.

Driver Signature Delivery Date

DESTINATION

Site Name Soil Safe Inc - Bridgeport
378 Route 130, Logan Township, NJ 08085

Phone No. 856-467-8030

Address _____

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

Name of Authorized Agent J Garcia Signature 9 27 19 Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

Log Number

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name 255 Metro LLC c/o JLJ Enterprises

Address 213-19 99th Ave.
Queens Village, NY 11429

Phone No.

Shipping Location 46-81 Metropolitan Ave.

Address 46-81 Metropolitan Ave.
Ridgewood, NY

Phone No.

Approval Number L5-2128

Description of Material

Non Regulated Petroleum Contaminated Soil
Non DOT/RCRA Regulated

ID 303
GROSS 42.89 T GROSS
TARE 13.98 T REC TARE
NET 28.91 T NET
LOG 99
09/27/2019
04:40PM TONNAGE

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, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Matthew Miranda — Signature — 09/27/19
Generator Authorized Agent Name — Signature — Shipment Date

TRANSPORTER

Transporter Name Ajla Trucking LLC

Address

Driver Name (Print) Junior

Vehicle License No./State AU2432 / NJ

Truck Number #01

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

Driver Signature — 09-27-19 Shipment Date

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

Driver Signature — 09-27-19 Delivery Date

DESTINATION

Site Name Soil Safe Inc - Bridgeport

Phone No. 856-467-8030

Address 378 Route 130, Logan Township, NJ 08085

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

Name of Authorized Agent — Signature — 9 27 19 Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

Log Number

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name 255 Metro LLC c/o JLJ Enterprises
Address 213-19 99th Ave.
Queens Village, NY 11429
Phone No.

Shipping Location 46-81 Metropolitan Ave.
Address 46-81 Metropolitan Ave.
Ridgewood, NY
Phone No.

Approval Number L5-2128

Description of Material
Non Regulated Petroleum ~~Pilled~~
Contaminated Soil
Non DOT/RCRA Regulated

ID 348
GROSS 38.38 T GROSS
TARE 14.75 T TARE 260
NET 161 23.63 T NET
LOG
09/27/2019
05:19PM TONNAGE

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, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Matthew Miranda Signature 09/27/19
Generator Authorized Agent Name Shipment Date

TRANSPORTER

Transporter Name L.C. Trucking
Address NJ
Driver Name (Print) AW 411 E-NJ
Vehicle License No./State Ivan Caviria
Truck Number 548 4906

I hereby certify that the above named material was picked up at the generator site listed above.
Driver Signature 9-27-19
Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.
Driver Signature 9-27-19
Delivery Date

DESTINATION

Site Name Soil Safe Inc - Bridgeport
Phone No. 856-467-3030
Address 378 Route 130, Logan Township, NJ 08085

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

Name of Authorized Agent
Signature J Carew
Receipt Date 9 27 19

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

Log Number

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name 255 Metro LLC c/o JLJ Enterprises
213-19 99th Ave.

Address Queens Village, NY 11429

Phone No.

Shipping Location 46-81 Metropolitan Ave.
46-81 Metropolitan Ave.

Address Ridgewood, NY

Phone No.

Approval Number L5-2128

Description of Material

Non Regulated Petroleum Contaminated Soil
Non DOT/RCRA Regulated

ID 738
GROSS 41.38 T GROSS
TARE 15.28 T TARE
NET 102 26.10 T NET
LOG
09/27/2019
05:38PM
TONNAGE

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, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Matthew Miranda — Signature — 09/27/19

Generator Authorized Agent Name — Signature — Shipment Date

TRANSPORTER

Transporter Name L.G. Trucking — Driver Name (Print) Victor Guevara

Address NJ — Vehicle License No./State AW27 1B

Truck Number #1908

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

Driver Signature — 09/27 Shipment Date

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

Driver Signature — 09/27 Delivery Date

DESTINATION

Site Name Soil Safe Inc - Bridgeport — Phone No. 856-467-8030

Address 378 Route 130, Logan Township, NJ 08085

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

Name of Authorized Agent — J Garcia Signature — 9 27 19 Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

Log Number

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name 255 Metro LLC c/o JLJ Enterprises

Address 213-19 99th Ave. Queens Village, NY 11429

Phone No. _____

Shipping Location 46-81 Metropolitan Ave. Ridgewood, NY

Address 46-81 Metropolitan Ave.

Phone No. _____

ID: 02
GROSS 45.64 T REC GROSS
TARE 14.38 T TARE
NET 31.26 T NET
LOG
09/30/2019
07:24AM
TONNAGE

Approval Number L5-2128

Description of Material

Non Regulated Petroleum Contaminated Soil
Non DOT/RCRA Regulated

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, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Matthew Miranda — Signature — 09/27/19

Generator Authorized Agent Name / Signature / Shipment Date

TRANSPORTER

Transporter Name J Hunter Trucking Driver Name (Print) Franklin

Address Vigmark NJ Vehicle License No./State AT0272

Truck Number 02

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

Driver Signature — Shipment Date 09.27.19

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

Driver Signature — Delivery Date 09-27-19

DESTINATION

Site Name Soil Safe Inc - Bridgeport Phone No. 856-467-8030

Address 378 Route 130, Logan Township, NJ 08085

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

Name of Authorized Agent — Signature: A Garcia — Receipt Date 9 30 19

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

Log Number

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name 255 Metro LLC c/o JLJ Enterprises

Address 213-19 99th Ave. Queens Village, NY 11429

Phone No. _____

Shipping Location 46-81 Metropolitan Ave. 46-81 Metropolitan Ave. Ridgewood, NY

Phone No. _____

Approval Number L5-2123

Description of ~~Material~~ LED

Non Regulated Petroleum Contaminated Soil
Non DOT/RCRA Regulated

PR 004
GROSS 29.23 T REC GROSS
TARE 14.85 T
NET 14.38 T TARE
LOG 2
09/30/2019 NET
07:36AM TONNAGE

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, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Matthew Miranda _____ 09/27/19
Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name J HOWARD Driver Name (Print) M. MARTINEZ

Address _____ Vehicle License No./State AU129K

_____ Truck Number 14

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 listed below.

_____ 9-27-19
Driver Signature Delivery Date

DESTINATION

Site Name Soil Safe Inc - Bridgeport Phone No. 856-467-8030

Address 378 Route 130, Logan Township, NJ 08085

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

_____ 9 30 19
Name of Authorized Agent Signature Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

Log Number

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name 255 Metro LLC c/o JLJ Enterprises

Address 213-19 99th Ave. Queens Village, NY 11429

Phone No. _____

Shipping Location 46-81 Metropolitan Ave.

Address 46-81 Metropolitan Ave. Ridgewood, NY

Phone No. _____

Approval Number L5-2128

Description of Material

Non Regulated Petroleum Contaminated Soil
Non DOT/RCRA Regulated

ID: 10
GROSS 35.23 T EC
GROSS
TARE 14.24 T
NET 20.99 T
TARE
LOG 6
09/30/2019
09:31AM
NET
TONNAGE

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, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Matthew Miranda — Matthew Miranda — 09/27/19

Generator Authorized Agent Name — Signature — Shipment Date

TRANSPORTER

Transporter Name Shanahan Trucking — Driver Name (Print) Andres

Address 8 SOUTH MAY AVE Keans NJ — Vehicle License No./State AT523M

Truck Number 10

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

Driver Signature — 9/27/19 Shipment Date

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

Driver Signature — 9/30/19 Delivery Date

DESTINATION

Site Name Soil Safe Inc - Bridgeport — Phone No. 856-467-8030

Address 378 Route 130, Logan Township, NJ 08085

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

A Garcia — 9 30 19

Name of Authorized Agent — Signature — Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

Log Number #12

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name 255 Metro LLC c/o JLJ Enterprises

Address 213-19 99th Ave. ALLED Queens Village, NY 11429

Phone No. ALLED

Shipping Location ID 1052 GROSS TARE NET LOG 10/04/2019 10:20AM 46-81 Metropolitan Ave. 46-81 Metropolitan Ave REC Ridgewood, NY

Description of Material

Approval Number L5-2128

Non Regulated Petroleum Contaminated Soil
Non DOT/RCRA Regulated

TARE ID 1052 GROSS 48.31 T 14.57 T NET LOG 27 10/04/2019 10:19AM 33.74 T GROSS TARE NET TONNAGE REC

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, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Austin Barnes Agent for JLJ 10/4/19
Generator Authorized Agent Name / Signature / Shipment Date

TRANSPORTER

Transporter Name Victor Driver Name (Print)

Address 66 Clark Rd Wantage NJ Vehicle License No./State AJ1027C

Truck Number 13

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

Driver Signature / Shipment Date 10/4/19

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

Driver Signature / Delivery Date 10/10/19

DESTINATION

Site Name Soil Safe Inc - Bridgeport Phone No. 856-467-8030

Address 378 Route 130, Logan Township, NJ 08085

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

Name of Authorized Agent / Signature J Garcia / Receipt Date 10 4 19

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

Log Number: #14

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name: 255 Metro LLC c/o JLJ Enterprises
Address: 213-19 99th Ave.
Queens Village, NY 11429
Phone No.

Shipping Location: 46-81 Metropolitan Ave.
Address: 46-81 Metropolitan Ave.
Ridgewood, NY
Phone No.

Approval Number: L5-2128

Description of Material: ~~Oily~~ Non Regulated Petroleum Contaminated Soil
Non DOT/RCRA Regulated

ID 180
GROSS 47.72 T GROSS
TARE 14.30 T TARE REC
NET 33.42 T NET
LOG 34
10/04/2019
11:00AM
TONNAGE

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, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Ken Davies Agnt for JLJ — Generator Authorized Agent Name
Signature
10/04/19 — Shipment Date

TRANSPORTER

Transporter Name: JBrothers Trucking llc
Driver Name (Print): Leonardo Rios
Address: 3617 Rt 23 N.
Hamburg NJ 07419
Vehicle License No./State: AU244W NJ
Truck Number: 18

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

Driver Signature
10/04/19 — Shipment Date

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

Driver Signature
10/04/19 — Delivery Date

DESTINATION

Site Name: Soil Safe Inc - Bridgeport
Phone No.: 856-467-8030
Address: 378 Route 130, Logan Township, NJ 08085

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

Name of Authorized Agent
L Garcia — Signature
10 4 19 — Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number #13

GENERATOR

Generator Name 255 Metro LLC c/o JLJ Enterprises

Address 213-19 99th Ave.
Queens Village, NY 11429

Phone No. _____

Shipping Location 46-81 Metropolitan Ave.

Address 46-81 Metropolitan Ave.
Ridgewood, NY

Phone No. _____

Approval Number L5-2128

Description of Material

Non Regulated Petroleum Contaminated Soil
Non DOT/RCRA Regulated

ID 412
GROSS 48.32 T GROSS
TARE 14.80 T TARE REC
NET 38 33.52 T NET
LOG
10/04/2019
11:35AM TONNAGE

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, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Austin Byrnes Agent JLJ 10/4/19
Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name J Brothers

Address 66 Clark Rd
Wantage NJ

Driver Name (Print) Reinier

Vehicle License No./State AU 122 M

Truck Number 11

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 listed below.

Driver Signature 10/4/19
Delivery Date

DESTINATION

Site Name Soil Safe Inc - Bridgeport

Phone No. 856-467-8030

Address 378 Route 130, Logan Township, NJ 08085

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

Name of Authorized Agent J Garcia Signature 10 4 19 Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

Log Number #15

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name 255 Metro LLC c/o JLJ Enterprises

Address 213-19 99th Ave.

Queens Village, NY 11429

Phone No. _____

Shipping Location 46-81 Metropolitan Ave.

Address 46-81 Metropolitan Ave.

Ridgewood, NY

Phone No. _____

Approval Number L5-2128

Description of Material

~~Non Regulated~~ RELIED Petroleum Contaminated Soil
Non DOT/RCRA Regulated

ID 330
GROSS 31.62 T GROSS
TARE 14.37 T TARE REC
NET 17.25 T NET
LOG 48
10/04/2019
01:01PM
TONNAGE

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, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Justin Barnes JLJ Agent _____ _____

Generator Authorized Agent Name | Signature | Shipment Date

TRANSPORTER

Transporter Name T Brothers | Driver Name (Print) Eduardo Olivera

Address Hamburg | Vehicle License No./State AV 992 IT

Truck Number 16

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

_____ 10.04.19

Driver Signature | Shipment Date

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

_____ 10.04.19

Driver Signature | Delivery Date

DESTINATION

Site Name Soil Safe Inc - Bridgeport | Phone No. 856-467-8030

Address 378 Route 130, Logan Township, NJ 08085

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

_____ _____ 10 4 19

Name of Authorized Agent | Signature | Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

Log Number #16

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name: 255 Metro LLC c/o JLJ Enterprises
Address: 213-19 99th Ave.
Queens Village, NY 11429
Phone No.

Shipping Location: 46-81 Metropolitan Ave.
Address: 46-81 Metropolitan Ave.
Ridgewood, NY
Phone No.

Approval Number: L5-2123

Description of Material: ~~OILED~~ Non Regulated Petroleum Contaminated Soil Non DOT/RCRA Regulated

ID 129
GROSS 44.87 T GROSS
TARE 13.11 T REC TARE
NET 17 31.76 T NET
LOG
10/14/2019
09:13AM TONNAGE

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, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Austin Byrnes Agent for JLJ — Signature — 10/14/19

Generator Authorized Agent Name — Signature — Shipment Date

TRANSPORTER

Transporter Name: J Brothers
Driver Name (Print): Lester
Address:
Vehicle License No./State: AV8972
Truck Number: #1

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

Driver Signature — 10/14/19 Shipment Date

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

Driver Signature — 10/14/19 Delivery Date

DESTINATION

Site Name: Soil Safe Inc - Bridgeport
Phone No.: 856-467-8030
Address: 378 Route 130, Logan Township, NJ 08085

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

Name of Authorized Agent — A Garcia Signature — 10 14 19 Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

Log Number #17

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name 255 Metro LLC c/o JLJ Enterprises
Address 213-19 99th Ave.
Queens Village, NY 11429
Phone No.

Shipping Location 46-81 Metropolitan Ave.
Address 46-81 Metropolitan Ave.
Ridgewood, NY
Phone No.

Approval Number L5-2128

Description of Material
Non ~~Regulated~~ Petroleum Contaminated Soil
Non DOT/RCRA Regulated

ID 421
GROSS 42.62 T GROSS
TARE 14.34 T REC TARE
NET 28.28 T NET
LOG 39
10/14/2019
10:46AM TONNAGE

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, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Hugh Byrnes Agent for JLJ 10/14/19
Generator Authorized Agent Name / Signature / Shipment Date

TRANSPORTER

Transporter Name T Boyle Inc
Address
Driver Name (Print)
Vehicle License No./State AL7224H
Truck Number 11

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 listed below.
Driver Signature / Delivery Date 10/14/19

DESTINATION

Site Name Soil Safe Inc - Bridgeport
Phone No. 856-467-8030
Address 378 Route 130, Logan Township, NJ 08085

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

A Garcia 10 14 19
Name of Authorized Agent / Signature / Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

(588)

SOIL SAFE, INC.

Log Number #18

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name 255 Metro LLC c/o JLJ Enterprises

Address 213-19 99th Ave. Queens Village, NY 11429

Phone No. _____

Shipping Location 46-81 Metropolitan Ave.

Address 46-81 Metropolitan Ave. Ridgewood, NY

Phone No. _____

Approval Number L5-2128

Description of Material

Non ~~Regulated~~ Petroleum Contaminated Soil
Non DOT/RCRA Regulated

ID 500
GROSS 46.81 T GROSS
TARE 14.13 T TARE REC
NET U3 32.68 T NET
LOG
10/14/2019
10:57AM TONNAGE

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, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Austin Byrnes agent for JLJ — 10/14/19

Generator Authorized Agent Name / Signature / Shipment Date

TRANSPORTER

Transporter Name J Brothers. Driver Name (Print) Luis Co Co

Address Wantage. Vehicle License No./State AW 816G # 21

Truck Number 21.

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

Driver Signature — Oct 14/2019 Shipment Date

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

Driver Signature — Oct 14/2019. Delivery Date

DESTINATION

Site Name Soil Safe Inc - Bridgeport Phone No. 856-467-8030

Address 378 Route 130, Logan Township, NJ 08085

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

A. Garcia — 10 14 19

Name of Authorized Agent / Signature / Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number # 19

GENERATOR

Generator Name 255 Metro LLC c/o JLJ Enterprises

Address 213-19 99th Ave.

Queens Village, NY 11429

Phone No.

Shipping Location 46-81 Metropolitan Ave.

Address 46-81 Metropolitan Ave.

Ridgewood, NY

Phone No.

Approval Number LS-2128

Description of Material

Non Regulated Petroleum Contaminated Soil
Non DOT/RCRA Regulated

ID 422
GROSS 39.26 T GROSS
TARE 14.48 T TARE REC
NET 24.78 T NET
LOG
10/15/2019
10:24AM
TONNAGE

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, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Austin Gross agent for JLJ — 10/15/19

Generator Authorized Agent Name — Signature — Shipment Date

TRANSPORTER

Transporter Name TGM

Address Keasbey

Driver Name (Print) Jose Guerra

Vehicle License No./State AT26LJ

Truck Number 3261

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

Driver Signature — 10-15-19 Shipment Date

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

Driver Signature — 10-15-19 Delivery Date

DESTINATION

Site Name Soil Safe Inc - Bridgeport

Phone No. 856-467-8030

Address 378 Route 130, Logan Township, NJ 08085

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

Name of Authorized Agent — Signature — 10 15 19 Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

Log Number
#20

GENERATOR

Generator Name 255 Metro LLC c/o JLJ Enterprises
Address 213-19 99th Ave.
Queens Village, NY 11429
Phone No.

Shipping Location 46-81 Metropolitan Ave.
Address 46-81 Metropolitan Ave.
Ridgewood, NY
Phone No.

Approval Number
L5-2128

Description of Material
~~Non Regulated~~ Petroleum Contaminated Soil
Non DOT/RCRA Regulated

ID 634
GROSS 37.60 T GROSS
TARE 14.69 T TARE REC
NET 9 22.91 T NET
LOG
10/15/2019
10:35AM TONNAGE

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, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name Justin Barnes Agent for JLJ
Signature
Shipment Date 10/15/19

TRANSPORTER

Transporter Name JGM
Address NJ
Driver Name (Print) Osmar Hernandez
Vehicle License No./State AT34IT
Truck Number 3260

I hereby certify that the above named material was picked up at the generator site listed above.
Driver Signature
Shipment Date 10/15/19

I hereby certify that the above named material was delivered without incident to the destination listed below.
Driver Signature
Delivery Date 10/15/19

DESTINATION

Site Name Soil Safe Inc - Bridgeport
Phone No. 856-467-8030
Address 378 Route 130, Logan Township, NJ 08085

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

Name of Authorized Agent
Signature A Garcia
Receipt Date 10/15/19

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	1	631-586-5900	NHWM6970

GENERATOR

5. Generator's Name and Mailing Address
250 METRO, LLC.
46-81 METROPOLITAN AVENUE
QUEENS NY 11385
Generator's Phone:

Generator's Site Address (if different than mailing address)
46-81 METROPOLITAN AVENUE
QUEENS NY 11385

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
Facility's Phone: 631-393-2882
U.S. EPA ID Number: N/A

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON REGULATED SOLIDS (DRILL CUTTINGS)	004	DM	1200	P	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. APPROVAL NO. 2019-372
JOB NO. 6970
Questions Call Micheal Allegro Regarding Signature (631)-300-6869

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Danny Anderson on behalf of Envirotrac — Signature — Month 1 Day 4 Year 19

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: Danny Anderson on behalf of Envirotrac — Signature — Month 1 Day 5 Year 19

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:

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: Armando Sanchez — Signature — Month 1 Day 6 Year 19

DESIGNATED FACILITY TO GENERATOR

QC Labels • Printed in the USA
1-800-997-6966
Reorder Part# MANIFEST-CGNHW
813-997-6966

APPENDIX F

Well Construction Logs and Geologic Logs

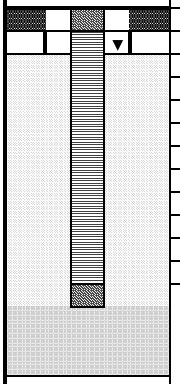
EnviroTrac
Environmental Services

Geologic Log

ENVIROTRAC LTD.

5 Old Dock Road, Yaphank, NY 11980

Client: JLJ IV Enterprises, Inc.	Soil Boring ID: MW-1	Depth to Water (ft. from measuring pt.)		Site Elevation Datum
Site Name:	Address: 46-81 Metropolitan Avenue, Ridgewood, NY	Date	DTW	NM
		10/28/2019	1.80	
Drilling Company: Aarco Environmental Services Corp.	Drilling Method: Open excavation-Casing Installation			Measuring Point Elevation
Date Started: 09/30/19	Date Completed: 9/30/2019			7.23
Completion Depth: 8'	EnviroTrac Oversight: Dylan Moscarella			

WELL CONSTRUCTION (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	SAMPLES Blow per 6 in.	SAMPLES PID (ppm)	SOIL DESCRIPTION
	0	0	NA	0	0'-8' Excavation backfilled with 3/4" blend material. Gravel pack installed via temporary casing around well cassing.
	5				
	8				

Well Construction Details

Bottom of Well:	8'
Screen Zone:	2'-8'
Screen material:	10 slot 4" schedule 40 PVC
Casing material:	0'-2'
Gravel Pack:	1'-10' (morie #2)
Bentonite Seal:	0'-1'
Cement Surface:	8" manhole

NTS - Not to Scale ND - Not Detected NM - Not Measured NA - Not Applicable DTW - Depth to Water

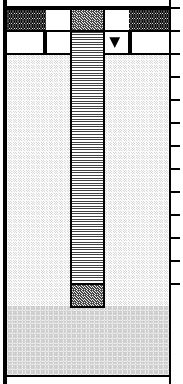
EnviroTrac Environmental Services

Geologic Log

ENVIROTRAC LTD.

5 Old Dock Road, Yaphank, NY 11980

Client: JLJ IV Enterprises, Inc.	Soil Boring ID: MW-2	Depth to Water (ft. from measuring pt.)		Site Elevation Datum
Site Name:	Address: 46-81 Metropolitan Avenue, Ridgewood, NY	Date	DTW	NM
		10/28/2019	1.94	
Drilling Company: Aarco Environmental Services Corp.	Drilling Method: Open excavation-Casing Installation			Measuring Point Elevation
Date Started: 09/30/19	Date Completed: 9/30/2019			7.22
Completion Depth: 8'	EnviroTrac Oversight: Dylan Moscarella			

WELL CONSTRUCTION (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	SAMPLES Blow per 6 in.	SAMPLES PID (ppm)	SOIL DESCRIPTION
	0	0	NA	0	0'-8' Excavation backfilled with 3/4" blend material. Gravel pack installed via temporary casing around well cassing.
	5				
	8				

LEGEND:

- Bentonite Seal
- Gravel Pack (morie #1)
- Screen
- End/Top Cap
- Cement
- Native Soil

Well Construction Details

Bottom of Well:	8'
Screen Zone:	2'-8'
Screen material:	10 slot 4" schedule 40 PVC
Casing material:	0'-2'
Gravel Pack:	1'-10' (morie #2)
Bentonite Seal:	0'-1'
Cement Surface:	8" manhole

NTS - Not to Scale ND - Not Detected NM - Not Measured NA - Not Applicable DTW - Depth to Water

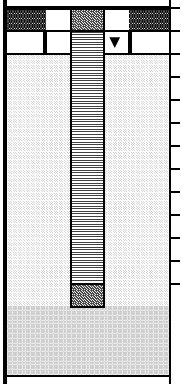
EnviroTrac Environmental Services

Geologic Log

ENVIROTRAC LTD.

5 Old Dock Road, Yaphank, NY 11980

Client: JLJ IV Enterprises, Inc.	Soil Boring ID: MW-3	Depth to Water (ft. from measuring pt.)		Site Elevation Datum
Site Name:	Address: 46-81 Metropolitan Avenue, Ridgewood, NY	Date	DTW	NM
		10/28/2019	1.97	
Drilling Company: Aarco Environmental Services Corp.	Drilling Method: Open excavation-Casing Installation			Measuring Point Elevation
Date Started: 09/30/19	Date Completed: 9/30/2019			7.35
Completion Depth: 8'	EnviroTrac Oversight: Dylan Moscarella			

WELL CONSTRUCTION (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	SAMPLES Blow per 6 in.	SAMPLES PID (ppm)	SOIL DESCRIPTION
	0	0	NA	0	0'-8' Excavation backfilled with 3/4" blend material. Gravel pack installed via temporary casing around well cassing.
	5				
	8				

LEGEND:

- Bentonite Seal
- Gravel Pack (morie #1)
- Screen
- End/Top Cap
- Cement
- Native Soil

Well Construction Details

Bottom of Well:	8'
Screen Zone:	2'-8'
Screen material:	10 slot 4" schedule 40 PVC
Casing material:	0'-2'
Gravel Pack:	1'-10' (morie #2)
Bentonite Seal:	0'-1'
Cement Surface:	8" manhole

NTS - Not to Scale ND - Not Detected NM - Not Measured NA - Not Applicable DTW - Depth to Water

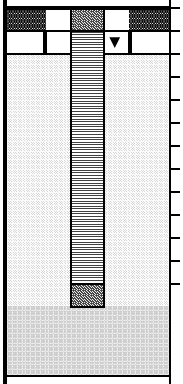
EnviroTrac Environmental Services

Geologic Log

ENVIROTRAC LTD.

5 Old Dock Road, Yaphank, NY 11980

Client: JLJ IV Enterprises, Inc.	Soil Boring ID: MW-4	Depth to Water (ft. from measuring pt.)		Site Elevation Datum
Site Name:	Address: 46-81 Metropolitan Avenue, Ridgewood, NY	Date	DTW	NM
		10/28/2019	1.93	
Drilling Company: Aarco Environmental Services Corp.	Drilling Method: Open excavation-Casing Installation			Measuring Point Elevation
Date Started: 09/30/19	Date Completed: 9/30/2019			7.35
Completion Depth: 8'	EnviroTrac Oversight: Dylan Moscarella			

WELL CONSTRUCTION (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	SAMPLES Blow per 6 in.	SAMPLES PID (ppm)	SOIL DESCRIPTION
	0	0	NA	0	0'-8' Excavation backfilled with 3/4" blend material. Gravel pack installed via temporary casing around well cassing.
	5				
	8				

LEGEND:

- Bentonite Seal
- Gravel Pack (morie #1)
- Screen
- End/Top Cap
- Cement
- Native Soil

Well Construction Details

Bottom of Well:	8'
Screen Zone:	2'-8'
Screen material:	10 slot 4" schedule 40 PVC
Casing material:	0'-2'
Gravel Pack:	1'-10' (morie #2)
Bentonite Seal:	0'-1'
Cement Surface:	8" manhole

NTS - Not to Scale ND - Not Detected NM - Not Measured NA - Not Applicable DTW - Depth to Water

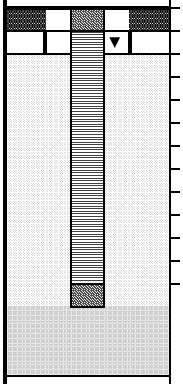
EnviroTrac Environmental Services

Geologic Log

ENVIROTRAC LTD.

5 Old Dock Road, Yaphank, NY 11980

Client: JLJ IV Enterprises, Inc.	Soil Boring ID: MW-5	Depth to Water (ft. from measuring pt.)		Site Elevation Datum
Site Name:	Address: 46-81 Metropolitan Avenue, Ridgewood, NY	Date	DTW	NM
		10/28/2019	1.94	
Drilling Company: Aarco Environmental Services Corp.	Drilling Method: Open excavation-Casing Installation			Measuring Point Elevation
Date Started: 09/30/19	Date Completed: 9/30/2019			7.4
Completion Depth: 8'	EnviroTrac Oversight: Dylan Moscarella			

WELL CONSTRUCTION (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	SAMPLES Blow per 6 in.	SAMPLES PID (ppm)	SOIL DESCRIPTION
	0	0	NA	0	0'-8' Excavation backfilled with 3/4" blend material. Gravel pack installed via temporary casing around well cassing.
	5				
	8				

LEGEND:

- Bentonite Seal
- Gravel Pack (morie #1)
- Screen
- End/Top Cap
- Cement
- Native Soil

Well Construction Details

Bottom of Well:	8'
Screen Zone:	2'-8'
Screen material:	10 slot 4" schedule 40 PVC
Casing material:	0'-2'
Gravel Pack:	1'-10' (morie #2)
Bentonite Seal:	0'-1'
Cement Surface:	8" manhole

NTS - Not to Scale ND - Not Detected NM - Not Measured NA - Not Applicable DTW - Depth to Water

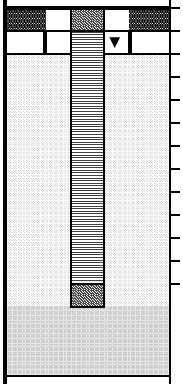
EnviroTrac Environmental Services

Geologic Log

ENVIROTRAC LTD.

5 Old Dock Road, Yaphank, NY 11980

Client: JLJ IV Enterprises, Inc.	Soil Boring ID: MW-6	Depth to Water (ft. from measuring pt.)		Site Elevation Datum
Site Name:	Address: 46-81 Metropolitan Avenue, Ridgewood, NY	Date	DTW	NM
		10/28/2019	2.20	
Drilling Company: Aarco Environmental Services Corp.	Drilling Method: Open excavation-Casing Installation			Measuring Point Elevation
Date Started: 09/27/19	Date Completed: 9/27/2019			8.00
Completion Depth: 9'	EnviroTrac Oversight: Mathew Miranda			

WELL CONSTRUCTION (NTS)	DEPTH (ft below grade)	SAMPLES Reco-very (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0	0	NA	0	0'-9' Excavation backfilled with 3/4" blend material. Gravel pack installed via temporary casing around well cassing.
	5				
	9				

Well Construction Details

Bottom of Well:	9'
Screen Zone:	2'-9'
Screen material:	10 slot 4" schedule 40 PVC
Casing material:	0'-2'
Gravel Pack:	1'-10' (morie #2)
Bentonite Seal:	0'-1'
Cement Surface:	8" manhole

NTS - Not to Scale ND - Not Detected NM - Not Measured NA - Not Applicable DTW - Depth to Water

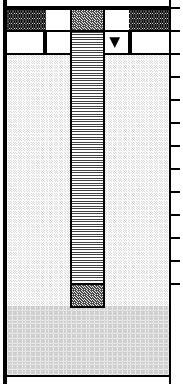
EnviroTrac Environmental Services

Geologic Log

ENVIROTRAC LTD.

5 Old Dock Road, Yaphank, NY 11980

Client: JLJ IV Enterprises, Inc.	Soil Boring ID: MW-7	Depth to Water (ft. from measuring pt.)		Site Elevation Datum
Site Name:	Address: 46-81 Metropolitan Avenue, Ridgewood, NY	Date	DTW	NM
		10/28/2019	2.26	
Drilling Company: Aarco Environmental Services Corp.	Drilling Method: Open excavation-Casing Installation			Measuring Point Elevation
Date Started: 09/27/19	Date Completed: 9/27/2019			8.05
Completion Depth: 8'	EnviroTrac Oversight: Mathew Miranda			

WELL CONSTRUCTION (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	SAMPLES Blow per 6 in.	SAMPLES PID (ppm)	SOIL DESCRIPTION
	0	0	NA	0	0'-8' Excavation backfilled with 3/4" blend material. Gravel pack installed via temporary casing around well cassing.
	5				
	8				

LEGEND:

- Bentonite Seal
- Gravel Pack (morie #1)
- Screen
- End/Top Cap
- Cement
- Native Soil

Well Construction Details

Bottom of Well:	8'
Screen Zone:	2'-8'
Screen material:	10 slot 4" schedule 40 PVC
Casing material:	0'-2'
Gravel Pack:	1'-10' (morie #2)
Bentonite Seal:	0'-1'
Cement Surface:	8" manhole

NTS - Not to Scale ND - Not Detected NM - Not Measured NA - Not Applicable DTW - Depth to Water

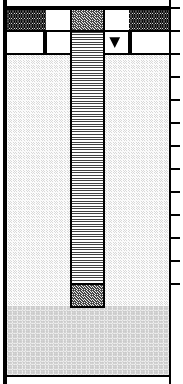
EnviroTrac Environmental Services

Geologic Log

ENVIROTRAC LTD.

5 Old Dock Road, Yaphank, NY 11980

Client: JLJ IV Enterprises, Inc.	Soil Boring ID: MW-8	Depth to Water (ft. from measuring pt.)		Site Elevation Datum
Site Name:	Address: 46-81 Metropolitan Avenue, Ridgewood, NY	Date	DTW	NM
		10/28/2019	2.18	
Drilling Company: Aarco Environmental Services Corp.	Drilling Method: Open excavation-Casing Installation			Measuring Point Elevation
Date Started: 09/27/19	Date Completed: 9/27/2019			7.98
Completion Depth: 8'	EnviroTrac Oversight: Mathew Miranda			

WELL CONSTRUCTION (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	SAMPLES Blow per 6 in.	SAMPLES PID (ppm)	SOIL DESCRIPTION
	0	0	NA	0	0'-8' Excavation backfilled with 3/4" blend material. Gravel pack installed via temporary casing around well cassing.
	5				
	8				

LEGEND:

- Bentonite Seal
- Gravel Pack (morie #1)
- Screen
- End/Top Cap
- Cement
- Native Soil

Well Construction Details

Bottom of Well:	8'
Screen Zone:	2'-8'
Screen material:	10 slot 4" schedule 40 PVC
Casing material:	0'-2'
Gravel Pack:	1'-10' (morie #2)
Bentonite Seal:	0'-1'
Cement Surface:	8" manhole

NTS - Not to Scale ND - Not Detected NM - Not Measured NA - Not Applicable DTW - Depth to Water

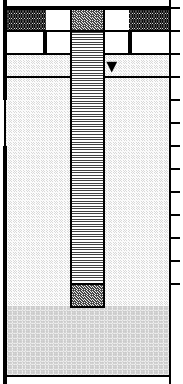
EnviroTrac Environmental Services

Geologic Log

ENVIROTRAC LTD.

5 Old Dock Road, Yaphank, NY 11980

Client: JLJ IV Enterprises, Inc.	Soil Boring ID: MW-9/GP-G	Depth to Water (ft. from measuring pt.)		Site Elevation Datum
Site Name:	Address: 46-81 Metropolitan Avenue, Ridgewood, NY	Date	DTW	NM
		10/28/2019	2.61	
Drilling Company: Aarco Environmental Services Corp.	Drilling Method: Geoprobe			Measuring Point Elevation
Date Started: 10/22/19	Date Completed: 10/22/2019			6.60
Completion Depth: 10'	EnviroTrac Oversight: Michael Alliegro			

WELL CONSTRUCTION (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	SAMPLES Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0	36	NA	0	0'-5'
					First 15" Fill material (asphalt, brick and concrete) with fine to medium grained black to gray sand. Dry, no odor, PID=0.0
				396.0	**Last 21"** Black to brown medium-grained silty sand with some gravel. Wet, strong odor, PID=396.0. Product staining noted on sampler.
	5				Soil sample collected at approximately 3'-5' Ft BLG.
	10				

LEGEND:

- Bentonite Seal
- Gravel Pack (morie #1)
- Screen
- End/Top Cap
- Cement
- Native Soil

Well Construction Details

Bottom of Well:	10'
Screen Zone:	2'-10'
Screen material:	10 slot 4" schedule 40 PVC
Casing material:	0'-2'
Gravel Pack:	1'-10' (morie #2)
Bentonite Seal:	0'-1'
Cement Surface:	8" manhole

NTS - Not to Scale ND - Not Detected NM - Not Measured NA - Not Applicable DTW - Depth to Water

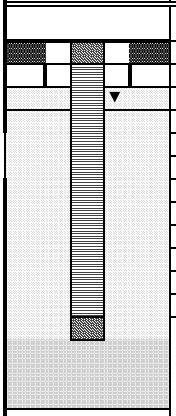
EnviroTrac Environmental Services

Geologic Log

ENVIROTRAC LTD.

5 Old Dock Road, Yaphank, NY 11980

Client: JLJ IV Enterprises, Inc.	Soil Boring ID: MW-10/GP-B	Depth to Water (ft. from measuring pt.)		Site Elevation Datum
Site Name:	Address: 46-81 Metropolitan Avenue, Ridgewood, NY	Date	DTW	NM
		10/28/2019	3.20	
Drilling Company: Aarco Environmental Services Corp.	Drilling Method: Geoprobe			Measuring Point Elevation
Date Started: 10/22/19	Date Completed: 10/22/2019			6.16
Completion Depth: 10'	EnviroTrac Oversight: Michael Alliegro			

WELL CONSTRUCTION (NTS)	DEPTH (ft below grade)	SAMPLES Reco-very (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0	36	NA	0.0	0'-5' **First 18"** Fill material (asphalt, brick and concrete) with fine to medium grained black to gray sand. Dry, no odor, PID=0
				450.0	**Last 18"** Fine to medium grained black sand with some gravel. Moist to wet, strong odor, PID=450.0. Product staining noted on sampler.
	5				Soil sample collected at approximately 3'-5' Ft BLG.
	10				

Well Construction Details

Bottom of Well:	10'
Screen Zone:	2'-10'
Screen material:	10 slot 4" schedule 40 PVC
Casing material:	0'-2'
Gravel Pack:	1'-10' (morie #2)
Bentonite Seal:	0'-1'
Cement Surface:	8" manhole

NTS - Not to Scale ND - Not Detected NM - Not Measured NA - Not Applicable DTW - Depth to Water

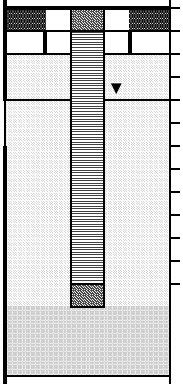
EnviroTrac Environmental Services

Geologic Log

ENVIROTRAC LTD.

5 Old Dock Road, Yaphank, NY 11980

Client: JLJ IV Enterprises, Inc.	Soil Boring ID: MW-11/GP-A	Depth to Water (ft. from measuring pt.)		Site Elevation Datum
Site Name:	Address: 46-81 Metropolitan Avenue, Ridgewood, NY	Date	DTW	NM
		10/28/2019	3.85	
Drilling Company: Aarco Environmental Services Corp.	Drilling Method: Geoprobe			Measuring Point Elevation
Date Started: 10/22/19	Date Completed: 10/22/2019			5.3
Completion Depth: 10'	EnviroTrac Oversight: Michael Alliegro			

WELL CONSTRUCTION (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	SAMPLES Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0	30	NA	0.7	0'-5' **First 15"** Fill material (asphalt, brick and concrete) with fine to medium grained black to gray sand. Moist, no odor, PID=0.7
				88.0	**Next 10"** Silty, brown fine-grained sand. Moist, slight odor, PID=88.0
	5			284.0	**Last 5"** Fine with some medium grained black sand. Wet, strong odor, PID=284.0
					Soil sample collected at approximately 3'-5' Ft BLG.
	10				

Well Construction Details

Bottom of Well:	10'
Screen Zone:	2'-10'
Screen material:	10 slot 4" schedule 40 PVC
Casing material:	0'-2'
Gravel Pack:	1'-10' (morie #2)
Bentonite Seal:	0'-1'
Cement Surface:	8" manhole

NTS - Not to Scale ND - Not Detected NM - Not Measured NA - Not Applicable DTW - Depth to Water

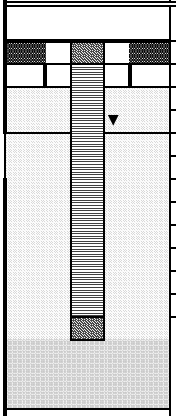
EnviroTrac Environmental Services

Geologic Log

ENVIROTRAC LTD.

5 Old Dock Road, Yaphank, NY 11980

Client: JLJ IV Enterprises, Inc.	Soil Boring ID: MW-12/GP-F	Depth to Water (ft. from measuring pt.)		Site Elevation Datum
Site Name:	Address: 46-81 Metropolitan Avenue, Ridgewood, NY	Date	DTW	NM
		10/28/2019	3.70	
Drilling Company: Aarco Environmental Services Corp.	Drilling Method: Geoprobe			Measuring Point Elevation
Date Started: 10/22/19	Date Completed: 10/22/2019			6.06
Completion Depth: 8'	EnviroTrac Oversight: Michael Alliegro			

WELL CONSTRUCTION (NTS)	DEPTH (ft below grade)	SAMPLES Reco-very (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0	24	NA	0.0	0'-5' **First 8"** Fill material (asphalt, brick and concrete) with fine to medium grained black to gray sand. Dry, no odor, PID=0
				16.8	**Last 16"** Silty fine-grained black sand with some fill and gravel. Moist, no odor, PID=16.8.
	5				Soil sample collected at approximately 3'-5' Ft BLG.
	8				

Well Construction Details

Bottom of Well:	8'
Screen Zone:	2'-8'
Screen material:	10 slot 4" schedule 40 PVC
Casing material:	0'-2'
Gravel Pack:	1'-8' (morie #2)
Bentonite Seal:	0'-1'
Cement Surface:	8" manhole

NTS - Not to Scale ND - Not Detected NM - Not Measured NA - Not Applicable DTW - Depth to Water

EnviroTrac Environmental Services

Geologic Log

ENVIROTRAC LTD.

5 Old Dock Road, Yaphank, NY 11980

Client: JLJ IV Enterprises, Inc.	Soil Boring ID: GP-C	Depth to Water (ft. from measuring pt.)		Site Elevation Datum
Site Name:	Address: 46-81 Metropolitan Avenue, Ridgewood, NY	Date	DTW	NM
			NA	
Drilling Company: Aarco Environmental Services Corp.	Drilling Method: Geoprobe			Measuring Point Elevation
Date Started: 10/22/19	Date Completed: 10/22/2019			NM
Completion Depth: NA	EnviroTrac Oversight: Michael Alliegro			

WELL CONSTRUCTION (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	SAMPLES Blow per 6 in.	SAMPLES PID (ppm)	SOIL DESCRIPTION
	0	23	NA	0.0	0'-5' **First 14"** Fill material (asphalt, brick and concrete) with fine to medium grained gray sand. Dry, no odor, PID=0
				165.8	**Last 9"** Silty fine-grained black sand with some wood and fill material. Moist to wet, slight odor, PID=165.8.
	5				Soil sample collected at approximately 3'-5' Ft BLG.
	10				

LEGEND:

- Bentonite Seal
- Gravel Pack (morie #1)
- Screen
- End/Top Cap
- Cement
- Native Soil

Well Construction Details

Bottom of Well:	NA
Screen Zone:	NA
Screen material:	NA
Casing material:	NA
Gravel Pack:	NA
Bentonite Seal:	NA
Cement Surface:	NA

NTS - Not to Scale ND - Not Detected NM - Not Measured NA - Not Applicable DTW - Depth to Water

EnviroTrac Environmental Services

Geologic Log

ENVIROTRAC LTD.

5 Old Dock Road, Yaphank, NY 11980

Client: JLJ IV Enterprises, Inc.	Soil Boring ID: GP-D	Depth to Water (ft. from measuring pt.)		Site Elevation Datum
Site Name:	Address: 46-81 Metropolitan Avenue, Ridgewood, NY	Date	DTW	NM
			NA	
Drilling Company: Aarco Environmental Services Corp.	Drilling Method: Geoprobe			Measuring Point Elevation
Date Started: 10/22/19	Date Completed: 10/22/2019			NM
Completion Depth: NA	EnviroTrac Oversight: Michael Alliegro			

WELL CONSTRUCTION (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	SAMPLES Blow per 6 in.	SAMPLES PID (ppm)	SOIL DESCRIPTION
	0	35	NA	0.0	0'-5'
					First 15" Fill material (asphalt, brick and concrete) with fine to medium grained black sand. Dry, no odor, PID=0
				335.0	**Last 20"** Silty fine-grained black to gray sand with some fill material and gravel. Moist to wet, slight odor, PID=335.0.
	5				Soil sample collected at approximately 3'-5' Ft BLG.
	10				

LEGEND:

- Bentonite Seal
- Gravel Pack (morie #1)
- Screen
- End/Top Cap
- Cement
- Native Soil

Well Construction Details

Bottom of Well:	NA
Screen Zone:	NA
Screen material:	NA
Casing material:	NA
Gravel Pack:	NA
Bentonite Seal:	NA
Cement Surface:	NA

NTS - Not to Scale ND - Not Detected NM - Not Measured NA - Not Applicable DTW - Depth to Water

EnviroTrac Environmental Services

Geologic Log

ENVIROTRAC LTD.

5 Old Dock Road, Yaphank, NY 11980

Client: JLJ IV Enterprises, Inc.	Soil Boring ID: GP-E	Depth to Water (ft. from measuring pt.)		Site Elevation Datum
Site Name:	Address: 46-81 Metropolitan Avenue, Ridgewood, NY	Date	DTW	NM
			NA	
Drilling Company: Aarco Environmental Services Corp.	Drilling Method: Geoprobe			Measuring Point Elevation
Date Started: 10/22/19	Date Completed: 10/22/2019			NM
Completion Depth: NA	EnviroTrac Oversight: Michael Alliegro			

WELL CONSTRUCTION (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	SAMPLES Blow per 6 in.	SAMPLES PID (ppm)	SOIL DESCRIPTION
	0	33	NA	0.0	0'-5'
					First 12" Concrete.
				160.6	**Last 21"** Silty fine-grained black to gray sand with some fill material and gravel. Moist to wet, slight odor, PID=160.6.
	5				Soil sample collected at approximately 3'-5' Ft BLG.
	10				

LEGEND:

- Bentonite Seal
- Gravel Pack (morie #1)
- Screen
- End/Top Cap
- Cement
- Native Soil

Well Construction Details

Bottom of Well:	NA
Screen Zone:	NA
Screen material:	NA
Casing material:	NA
Gravel Pack:	NA
Bentonite Seal:	NA
Cement Surface:	NA

NTS - Not to Scale ND - Not Detected NM - Not Measured NA - Not Applicable DTW - Depth to Water

EnviroTrac Environmental Services

APPENDIX G

Laboratory Reports

EnviroTrac
Environmental Services

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 25, 2019

FOR: Attn: Jeff Bohlen
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/24/19	10:30
Location Code:	ENVIROTR	Received by:	CP	09/24/19	15:56
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCE16279
Phoenix ID: CE16279

Project ID: 46-81 METROPOLITAN AVE, RIDGEWOOD NY
Client ID: NW-1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	89		%		09/24/19	VT	SW846-%Solid
Soil Extraction SVOA PAH	Completed				09/24/19	KK/EL	SW3545A
Volatiles- STARS/CP-51							
1,2,4-Trimethylbenzene	ND	1.3	ug/Kg	1	09/24/19	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	1.3	ug/Kg	1	09/24/19	JLI	SW8260C
Benzene	ND	2.6	ug/Kg	1	09/24/19	JLI	SW8260C
Ethylbenzene	ND	2.6	ug/Kg	1	09/24/19	JLI	SW8260C
Isopropylbenzene	ND	1.3	ug/Kg	1	09/24/19	JLI	SW8260C
m&p-Xylene	ND	2.6	ug/Kg	1	09/24/19	JLI	SW8260C
Methyl t-Butyl Ether (MTBE)	ND	1.3	ug/Kg	1	09/24/19	JLI	SW8260C
Naphthalene	ND	1.3	ug/Kg	1	09/24/19	JLI	SW8260C
n-Butylbenzene	ND	1.3	ug/Kg	1	09/24/19	JLI	SW8260C
n-Propylbenzene	ND	1.3	ug/Kg	1	09/24/19	JLI	SW8260C
o-Xylene	ND	2.6	ug/Kg	1	09/24/19	JLI	SW8260C
p-Isopropyltoluene	ND	1.3	ug/Kg	1	09/24/19	JLI	SW8260C
sec-Butylbenzene	ND	1.3	ug/Kg	1	09/24/19	JLI	SW8260C
tert-Butylbenzene	ND	1.3	ug/Kg	1	09/24/19	JLI	SW8260C
Toluene	ND	2.6	ug/Kg	1	09/24/19	JLI	SW8260C
Total Xylenes	ND	2.6	ug/Kg	1	09/24/19	JLI	SW8260C
QA/QC Surrogates							
% 1,2-Dichlorobenzene-d4	101		%	1	09/24/19	JLI	70 - 130 %
% Bromofluorobenzene	93		%	1	09/24/19	JLI	70 - 130 %
% Dibromofluoromethane	99		%	1	09/24/19	JLI	70 - 130 %
% Toluene-d8	101		%	1	09/24/19	JLI	70 - 130 %
Semivolatiles-STARS/CP-51							
Acenaphthene	ND	260	ug/Kg	1	09/25/19	WB	SW8270D

Project ID: 46-81 METROPOLITAN AVE, RIDGEWOOD NY
Client ID: NW-1

Phoenix I.D.: CE16279

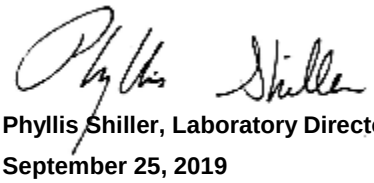
Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acenaphthylene	ND	260	ug/Kg	1	09/25/19	WB	SW8270D
Anthracene	310	260	ug/Kg	1	09/25/19	WB	SW8270D
Benz(a)anthracene	870	260	ug/Kg	1	09/25/19	WB	SW8270D
Benzo(a)pyrene	840	260	ug/Kg	1	09/25/19	WB	SW8270D
Benzo(b)fluoranthene	740	260	ug/Kg	1	09/25/19	WB	SW8270D
Benzo(ghi)perylene	560	260	ug/Kg	1	09/25/19	WB	SW8270D
Benzo(k)fluoranthene	720	260	ug/Kg	1	09/25/19	WB	SW8270D
Chrysene	910	260	ug/Kg	1	09/25/19	WB	SW8270D
Dibenz(a,h)anthracene	ND	260	ug/Kg	1	09/25/19	WB	SW8270D
Fluoranthene	2000	260	ug/Kg	1	09/25/19	WB	SW8270D
Fluorene	ND	260	ug/Kg	1	09/25/19	WB	SW8270D
Indeno(1,2,3-cd)pyrene	600	260	ug/Kg	1	09/25/19	WB	SW8270D
Naphthalene	ND	260	ug/Kg	1	09/25/19	WB	SW8270D
Phenanthrene	1500	260	ug/Kg	1	09/25/19	WB	SW8270D
Pyrene	1800	260	ug/Kg	1	09/25/19	WB	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	71		%	1	09/25/19	WB	30 - 130 %
% Nitrobenzene-d5	64		%	1	09/25/19	WB	30 - 130 %
% Terphenyl-d14	63		%	1	09/25/19	WB	30 - 130 %

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
September 25, 2019
Official Report Release To Follow

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 25, 2019

FOR: Attn: Jeff Bohlen
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/24/19	10:45
Location Code:	ENVIROTR	Received by:	CP	09/24/19	15:56
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCE16279
Phoenix ID: CE16280

Project ID: 46-81 METROPOLITAN AVE, RIDGEWOOD NY
Client ID: WW-1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	87		%		09/24/19	VT	SW846-%Solid
Soil Extraction SVOA PAH	Completed				09/24/19	KK/EL	SW3545A
Volatiles- STARS/CP-51							
1,2,4-Trimethylbenzene	ND	0.99	ug/Kg	1	09/24/19	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	0.99	ug/Kg	1	09/24/19	JLI	SW8260C
Benzene	ND	2.0	ug/Kg	1	09/24/19	JLI	SW8260C
Ethylbenzene	ND	2.0	ug/Kg	1	09/24/19	JLI	SW8260C
Isopropylbenzene	ND	0.99	ug/Kg	1	09/24/19	JLI	SW8260C
m&p-Xylene	ND	2.0	ug/Kg	1	09/24/19	JLI	SW8260C
Methyl t-Butyl Ether (MTBE)	ND	0.99	ug/Kg	1	09/24/19	JLI	SW8260C
Naphthalene	ND	0.99	ug/Kg	1	09/24/19	JLI	SW8260C
n-Butylbenzene	ND	0.99	ug/Kg	1	09/24/19	JLI	SW8260C
n-Propylbenzene	ND	0.99	ug/Kg	1	09/24/19	JLI	SW8260C
o-Xylene	ND	2.0	ug/Kg	1	09/24/19	JLI	SW8260C
p-Isopropyltoluene	ND	0.99	ug/Kg	1	09/24/19	JLI	SW8260C
sec-Butylbenzene	ND	0.99	ug/Kg	1	09/24/19	JLI	SW8260C
tert-Butylbenzene	ND	0.99	ug/Kg	1	09/24/19	JLI	SW8260C
Toluene	ND	2.0	ug/Kg	1	09/24/19	JLI	SW8260C
Total Xylenes	ND	2.0	ug/Kg	1	09/24/19	JLI	SW8260C
QA/QC Surrogates							
% 1,2-Dichlorobenzene-d4	98		%	1	09/24/19	JLI	70 - 130 %
% Bromofluorobenzene	94		%	1	09/24/19	JLI	70 - 130 %
% Dibromofluoromethane	98		%	1	09/24/19	JLI	70 - 130 %
% Toluene-d8	102		%	1	09/24/19	JLI	70 - 130 %
Semivolatiles-STARS/CP-51							
Acenaphthene	ND	270	ug/Kg	1	09/25/19	WB	SW8270D

Project ID: 46-81 METROPOLITAN AVE, RIDGEWOOD NY
Client ID: WW-1

Phoenix I.D.: CE16280

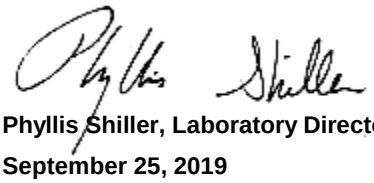
Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acenaphthylene	ND	270	ug/Kg	1	09/25/19	WB	SW8270D
Anthracene	340	270	ug/Kg	1	09/25/19	WB	SW8270D
Benz(a)anthracene	1200	270	ug/Kg	1	09/25/19	WB	SW8270D
Benzo(a)pyrene	1300	270	ug/Kg	1	09/25/19	WB	SW8270D
Benzo(b)fluoranthene	1100	270	ug/Kg	1	09/25/19	WB	SW8270D
Benzo(ghi)perylene	870	270	ug/Kg	1	09/25/19	WB	SW8270D
Benzo(k)fluoranthene	1100	270	ug/Kg	1	09/25/19	WB	SW8270D
Chrysene	1300	270	ug/Kg	1	09/25/19	WB	SW8270D
Dibenz(a,h)anthracene	ND	270	ug/Kg	1	09/25/19	WB	SW8270D
Fluoranthene	2600	270	ug/Kg	1	09/25/19	WB	SW8270D
Fluorene	ND	270	ug/Kg	1	09/25/19	WB	SW8270D
Indeno(1,2,3-cd)pyrene	920	270	ug/Kg	1	09/25/19	WB	SW8270D
Naphthalene	ND	270	ug/Kg	1	09/25/19	WB	SW8270D
Phenanthrene	1500	270	ug/Kg	1	09/25/19	WB	SW8270D
Pyrene	2500	270	ug/Kg	1	09/25/19	WB	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	48		%	1	09/25/19	WB	30 - 130 %
% Nitrobenzene-d5	34		%	1	09/25/19	WB	30 - 130 %
% Terphenyl-d14	60		%	1	09/25/19	WB	30 - 130 %

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
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Phyllis Shiller, Laboratory Director
September 25, 2019
Official Report Release To Follow

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 25, 2019

FOR: Attn: Jeff Bohlen
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/24/19	11:00
Location Code:	ENVIROTR	Received by:	CP	09/24/19	15:56
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCE16279
Phoenix ID: CE16281

Project ID: 46-81 METROPOLITAN AVE, RIDGEWOOD NY
Client ID: SW-1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	88		%		09/24/19	VT	SW846-%Solid
Soil Extraction SVOA PAH	Completed				09/24/19	KK/EL	SW3545A
Volatiles- STARS/CP-51							
1,2,4-Trimethylbenzene	ND	1.1	ug/Kg	1	09/24/19	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	1.1	ug/Kg	1	09/24/19	JLI	SW8260C
Benzene	ND	2.3	ug/Kg	1	09/24/19	JLI	SW8260C
Ethylbenzene	ND	2.3	ug/Kg	1	09/24/19	JLI	SW8260C
Isopropylbenzene	ND	1.1	ug/Kg	1	09/24/19	JLI	SW8260C
m&p-Xylene	ND	2.3	ug/Kg	1	09/24/19	JLI	SW8260C
Methyl t-Butyl Ether (MTBE)	ND	1.1	ug/Kg	1	09/24/19	JLI	SW8260C
Naphthalene	ND	1.1	ug/Kg	1	09/24/19	JLI	SW8260C
n-Butylbenzene	ND	1.1	ug/Kg	1	09/24/19	JLI	SW8260C
n-Propylbenzene	ND	1.1	ug/Kg	1	09/24/19	JLI	SW8260C
o-Xylene	ND	2.3	ug/Kg	1	09/24/19	JLI	SW8260C
p-Isopropyltoluene	ND	1.1	ug/Kg	1	09/24/19	JLI	SW8260C
sec-Butylbenzene	ND	1.1	ug/Kg	1	09/24/19	JLI	SW8260C
tert-Butylbenzene	ND	1.1	ug/Kg	1	09/24/19	JLI	SW8260C
Toluene	ND	2.3	ug/Kg	1	09/24/19	JLI	SW8260C
Total Xylenes	ND	2.3	ug/Kg	1	09/24/19	JLI	SW8260C
QA/QC Surrogates							
% 1,2-Dichlorobenzene-d4	100		%	1	09/24/19	JLI	70 - 130 %
% Bromofluorobenzene	92		%	1	09/24/19	JLI	70 - 130 %
% Dibromofluoromethane	99		%	1	09/24/19	JLI	70 - 130 %
% Toluene-d8	99		%	1	09/24/19	JLI	70 - 130 %
Semivolatiles-STARS/CP-51							
Acenaphthene	ND	260	ug/Kg	1	09/25/19	WB	SW8270D

Project ID: 46-81 METROPOLITAN AVE, RIDGEWOOD NY
Client ID: SW-1

Phoenix I.D.: CE16281

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Acenaphthylene	ND	260	ug/Kg	1	09/25/19	WB	SW8270D	
Anthracene	ND	260	ug/Kg	1	09/25/19	WB	SW8270D	
Benz(a)anthracene	970	260	ug/Kg	1	09/25/19	WB	SW8270D	
Benzo(a)pyrene	1100	260	ug/Kg	1	09/25/19	WB	SW8270D	
Benzo(b)fluoranthene	860	260	ug/Kg	1	09/25/19	WB	SW8270D	
Benzo(ghi)perylene	650	260	ug/Kg	1	09/25/19	WB	SW8270D	
Benzo(k)fluoranthene	860	260	ug/Kg	1	09/25/19	WB	SW8270D	
Chrysene	1000	260	ug/Kg	1	09/25/19	WB	SW8270D	
Dibenz(a,h)anthracene	ND	260	ug/Kg	1	09/25/19	WB	SW8270D	
Fluoranthene	2000	260	ug/Kg	1	09/25/19	WB	SW8270D	
Fluorene	ND	260	ug/Kg	1	09/25/19	WB	SW8270D	
Indeno(1,2,3-cd)pyrene	700	260	ug/Kg	1	09/25/19	WB	SW8270D	
Naphthalene	ND	260	ug/Kg	1	09/25/19	WB	SW8270D	
Phenanthrene	970	260	ug/Kg	1	09/25/19	WB	SW8270D	
Pyrene	2000	260	ug/Kg	1	09/25/19	WB	SW8270D	
QA/QC Surrogates								
% 2-Fluorobiphenyl	47		%	1	09/25/19	WB	30 - 130 %	
% Nitrobenzene-d5	24		%	1	09/25/19	WB	30 - 130 %	3
% Terphenyl-d14	55		%	1	09/25/19	WB	30 - 130 %	

3 = This parameter exceeds laboratory specified limits.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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Phyllis Shiller, Laboratory Director
September 25, 2019
Official Report Release To Follow

Sample Criteria Exceedances Report

GCE16279 - ENVIROTR

Criteria: None

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Cooler: Yes ☑ No ☐
Coolant: IPK ☐ ICE ☑ No ☐

PHOENIX
Environmental Laboratories, Inc.

NY/NJ/PA CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 11.6°C Pg of

Contact Options:
☐ Phone: 631-924-3001
☐ Fax:
☐ Email: JeffB at Envirotrac.com

Customer: Envirotrac 5 Old Dock Rd Yaphank NY
Address: ~~46-41 Metropolitan Ave~~ ~~Ridgewood NY~~

Project: 46-41 Metropolitan Ave Ridgewood NY
Report to: JeffB at Envirotrac.com
Invoice to:
QUOTE # :

Project P.O:

This section MUST be completed with Bottle Quantities.

Sampler's Signature: _____ Date: 9/24/19

Client Sample - Information - Identification

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe
OIL=Oil **B**=Bulk **L**=Liquid

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	CP-51 VOLs	CP-51 SVOCs	Gl Amber 8 oz. w/H3PO4	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL NaOH 250ml	PL HNO3 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
16279	NW-1	S	9/24/19	1030	✓	✓												
16280	WW-1	S	9/24/19	1045	✓	✓												
16281	SW-1	S	9/24/19	1100	✓	✓												

Relinquished by:	Accepted by:	Date:	Time:
Ken Davies		9/24/19	12:00
		9/24/19	15:56

Comments, Special Requirements or Regulations:

* 24 hour

Data Format:
☐ Phoenix Std Report ☐ EQuIS
☐ Excel ☐ NJ Hazsite EDD
☐ PDF ☐ NY EZ EDD (ASP)
☐ GIS/Key ☐ Other

Turnaround:
☑ 1 Day*
☐ 2 Days*
☐ 3 Days*
☐ 5 Days
☐ 10 Days
☐ Other
* SURCHARGE

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ Impact to GW soil screen Criteria
☐ GW Criteria

Data Package:
☐ NJ Reduced Deliv. * ☐ Other
☐ NY Enhanced (ASP B) *

NY
☐ TOGS GW
☐ CP-51 SOIL
☐ 375SCO Unrestricted Soil
☐ 375SCO Residential Soil
☐ 375SCO Residential
☐ 375SCO Commercial Soil
☐ 375SCO Industrial Soil
☐ Subpart 5 DW

PA
☐ Clean Fill Limits
☐ PA-GW
☐ Reg Fill Limits
☐ PA Soil Restricted
☐ PA Soil non-restricted

State Samples Collected?
NY

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 27, 2019

FOR: Attn: Jeff Bohlen
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/25/19	9:00
Location Code:	ENVIROTR	Received by:	SW	09/25/19	15:36
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCE17172
Phoenix ID: CE17172

Project ID: 46-81 METROPOLITAN AVE RIDGEWOOD NY
Client ID: NW-2

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	90		%		09/25/19	VT	SW846-%Solid
Soil Extraction SVOA PAH	Completed				09/25/19	RR/VL	SW3545A
Volatiles- STARS/CP-51							
1,2,4-Trimethylbenzene	ND	1.3	ug/Kg	1	09/26/19	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	1.3	ug/Kg	1	09/26/19	JLI	SW8260C
Benzene	ND	2.5	ug/Kg	1	09/26/19	JLI	SW8260C
Ethylbenzene	ND	2.5	ug/Kg	1	09/26/19	JLI	SW8260C
Isopropylbenzene	ND	1.3	ug/Kg	1	09/26/19	JLI	SW8260C
m&p-Xylene	ND	2.5	ug/Kg	1	09/26/19	JLI	SW8260C
Methyl t-Butyl Ether (MTBE)	ND	1.3	ug/Kg	1	09/26/19	JLI	SW8260C
Naphthalene	2.9	1.3	ug/Kg	1	09/26/19	JLI	SW8260C
n-Butylbenzene	ND	1.3	ug/Kg	1	09/26/19	JLI	SW8260C
n-Propylbenzene	ND	1.3	ug/Kg	1	09/26/19	JLI	SW8260C
o-Xylene	ND	2.5	ug/Kg	1	09/26/19	JLI	SW8260C
p-Isopropyltoluene	ND	1.3	ug/Kg	1	09/26/19	JLI	SW8260C
sec-Butylbenzene	ND	1.3	ug/Kg	1	09/26/19	JLI	SW8260C
tert-Butylbenzene	ND	1.3	ug/Kg	1	09/26/19	JLI	SW8260C
Toluene	ND	2.5	ug/Kg	1	09/26/19	JLI	SW8260C
Total Xylenes	ND	2.5	ug/Kg	1	09/26/19	JLI	SW8260C
QA/QC Surrogates							
% 1,2-Dichlorobenzene-d4	98		%	1	09/26/19	JLI	70 - 130 %
% Bromofluorobenzene	92		%	1	09/26/19	JLI	70 - 130 %
% Dibromofluoromethane	100		%	1	09/26/19	JLI	70 - 130 %
% Toluene-d8	98		%	1	09/26/19	JLI	70 - 130 %
Semivolatiles-STARS/CP-51							
Acenaphthene	430	260	ug/Kg	1	09/26/19	WB	SW8270D

Project ID: 46-81 METROPOLITAN AVE RIDGEWOOD NY
Client ID: NW-2

Phoenix I.D.: CE17172

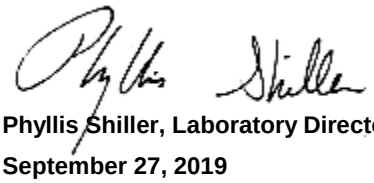
Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acenaphthylene	370	260	ug/Kg	1	09/26/19	WB	SW8270D
Anthracene	1000	260	ug/Kg	1	09/26/19	WB	SW8270D
Benz(a)anthracene	3200	260	ug/Kg	1	09/26/19	WB	SW8270D
Benzo(a)pyrene	3300	260	ug/Kg	1	09/26/19	WB	SW8270D
Benzo(b)fluoranthene	3500	260	ug/Kg	1	09/26/19	WB	SW8270D
Benzo(ghi)perylene	2000	260	ug/Kg	1	09/26/19	WB	SW8270D
Benzo(k)fluoranthene	2000	260	ug/Kg	1	09/26/19	WB	SW8270D
Chrysene	3400	260	ug/Kg	1	09/26/19	WB	SW8270D
Dibenz(a,h)anthracene	470	260	ug/Kg	1	09/26/19	WB	SW8270D
Fluoranthene	6300	260	ug/Kg	1	09/26/19	WB	SW8270D
Fluorene	440	260	ug/Kg	1	09/26/19	WB	SW8270D
Indeno(1,2,3-cd)pyrene	2200	260	ug/Kg	1	09/26/19	WB	SW8270D
Naphthalene	ND	260	ug/Kg	1	09/26/19	WB	SW8270D
Phenanthrene	4800	260	ug/Kg	1	09/26/19	WB	SW8270D
Pyrene	5900	260	ug/Kg	1	09/26/19	WB	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	69		%	1	09/26/19	WB	30 - 130 %
% Nitrobenzene-d5	60		%	1	09/26/19	WB	30 - 130 %
% Terphenyl-d14	62		%	1	09/26/19	WB	30 - 130 %

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
September 27, 2019
Official Report Release To Follow

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 27, 2019

FOR: Attn: Jeff Bohlen
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/25/19	9:15
Location Code:	ENVIROTR	Received by:	SW	09/25/19	15:36
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCE17172
Phoenix ID: CE17173

Project ID: 46-81 METROPOLITAN AVE RIDGEWOOD NY
Client ID: NW-3

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	89		%		09/25/19	VT	SW846-%Solid
Soil Extraction SVOA PAH	Completed				09/25/19	RR/VL	SW3545A
Volatiles- STARS/CP-51							
1,2,4-Trimethylbenzene	ND	1.6	ug/Kg	1	09/26/19	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	1.6	ug/Kg	1	09/26/19	JLI	SW8260C
Benzene	ND	3.3	ug/Kg	1	09/26/19	JLI	SW8260C
Ethylbenzene	ND	3.3	ug/Kg	1	09/26/19	JLI	SW8260C
Isopropylbenzene	ND	1.6	ug/Kg	1	09/26/19	JLI	SW8260C
m&p-Xylene	ND	3.3	ug/Kg	1	09/26/19	JLI	SW8260C
Methyl t-Butyl Ether (MTBE)	ND	1.6	ug/Kg	1	09/26/19	JLI	SW8260C
Naphthalene	ND	1.6	ug/Kg	1	09/26/19	JLI	SW8260C
n-Butylbenzene	ND	1.6	ug/Kg	1	09/26/19	JLI	SW8260C
n-Propylbenzene	ND	1.6	ug/Kg	1	09/26/19	JLI	SW8260C
o-Xylene	ND	3.3	ug/Kg	1	09/26/19	JLI	SW8260C
p-Isopropyltoluene	ND	1.6	ug/Kg	1	09/26/19	JLI	SW8260C
sec-Butylbenzene	ND	1.6	ug/Kg	1	09/26/19	JLI	SW8260C
tert-Butylbenzene	ND	1.6	ug/Kg	1	09/26/19	JLI	SW8260C
Toluene	ND	3.3	ug/Kg	1	09/26/19	JLI	SW8260C
Total Xylenes	ND	3.3	ug/Kg	1	09/26/19	JLI	SW8260C
QA/QC Surrogates							
% 1,2-Dichlorobenzene-d4	100		%	1	09/26/19	JLI	70 - 130 %
% Bromofluorobenzene	96		%	1	09/26/19	JLI	70 - 130 %
% Dibromofluoromethane	96		%	1	09/26/19	JLI	70 - 130 %
% Toluene-d8	101		%	1	09/26/19	JLI	70 - 130 %
Semivolatiles-STARS/CP-51							
Acenaphthene	ND	260	ug/Kg	1	09/26/19	WB	SW8270D

Project ID: 46-81 METROPOLITAN AVE RIDGEWOOD NY
Client ID: NW-3

Phoenix I.D.: CE17173

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Acenaphthylene	ND	260	ug/Kg	1	09/26/19	WB	SW8270D	
Anthracene	ND	260	ug/Kg	1	09/26/19	WB	SW8270D	
Benz(a)anthracene	300	260	ug/Kg	1	09/26/19	WB	SW8270D	
Benzo(a)pyrene	380	260	ug/Kg	1	09/26/19	WB	SW8270D	
Benzo(b)fluoranthene	380	260	ug/Kg	1	09/26/19	WB	SW8270D	
Benzo(ghi)perylene	330	260	ug/Kg	1	09/26/19	WB	SW8270D	
Benzo(k)fluoranthene	330	260	ug/Kg	1	09/26/19	WB	SW8270D	
Chrysene	330	260	ug/Kg	1	09/26/19	WB	SW8270D	
Dibenz(a,h)anthracene	ND	260	ug/Kg	1	09/26/19	WB	SW8270D	
Fluoranthene	450	260	ug/Kg	1	09/26/19	WB	SW8270D	
Fluorene	ND	260	ug/Kg	1	09/26/19	WB	SW8270D	
Indeno(1,2,3-cd)pyrene	320	260	ug/Kg	1	09/26/19	WB	SW8270D	
Naphthalene	ND	260	ug/Kg	1	09/26/19	WB	SW8270D	
Phenanthrene	290	260	ug/Kg	1	09/26/19	WB	SW8270D	
Pyrene	410	260	ug/Kg	1	09/26/19	WB	SW8270D	
QA/QC Surrogates								
% 2-Fluorobiphenyl	32		%	1	09/26/19	WB	30 - 130 %	
% Nitrobenzene-d5	32		%	1	09/26/19	WB	30 - 130 %	
% Terphenyl-d14	26		%	1	09/26/19	WB	30 - 130 %	3

3 = This parameter exceeds laboratory specified limits.

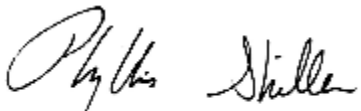
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Semi-Volatile Comment:
Poor surrogate recovery was observed for one acid and/or one base surrogate. The other surrogates associated with this sample were within QA/QC criteria. No significant bias suspected.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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Phyllis Shiller, Laboratory Director
September 27, 2019
Official Report Release To Follow

PHOENIX

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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 27, 2019

FOR: Attn: Jeff Bohlen
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/25/19	9:30
Location Code:	ENVIROTR	Received by:	SW	09/25/19	15:36
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCE17172
Phoenix ID: CE17174

Project ID: 46-81 METROPOLITAN AVE RIDGEWOOD NY
Client ID: SW-2

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	84		%		09/25/19	VT	SW846-%Solid
Soil Extraction SVOA PAH	Completed				09/25/19	RR/VL	SW3545A
Volatiles- STARS/CP-51							
1,2,4-Trimethylbenzene	ND	1.0	ug/Kg	1	09/26/19	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	ug/Kg	1	09/26/19	JLI	SW8260C
Benzene	ND	2.1	ug/Kg	1	09/26/19	JLI	SW8260C
Ethylbenzene	ND	2.1	ug/Kg	1	09/26/19	JLI	SW8260C
Isopropylbenzene	ND	1.0	ug/Kg	1	09/26/19	JLI	SW8260C
m&p-Xylene	ND	2.1	ug/Kg	1	09/26/19	JLI	SW8260C
Methyl t-Butyl Ether (MTBE)	ND	1.0	ug/Kg	1	09/26/19	JLI	SW8260C
Naphthalene	ND	1.0	ug/Kg	1	09/26/19	JLI	SW8260C
n-Butylbenzene	ND	1.0	ug/Kg	1	09/26/19	JLI	SW8260C
n-Propylbenzene	ND	1.0	ug/Kg	1	09/26/19	JLI	SW8260C
o-Xylene	ND	2.1	ug/Kg	1	09/26/19	JLI	SW8260C
p-Isopropyltoluene	ND	1.0	ug/Kg	1	09/26/19	JLI	SW8260C
sec-Butylbenzene	ND	1.0	ug/Kg	1	09/26/19	JLI	SW8260C
tert-Butylbenzene	ND	1.0	ug/Kg	1	09/26/19	JLI	SW8260C
Toluene	ND	2.1	ug/Kg	1	09/26/19	JLI	SW8260C
Total Xylenes	ND	2.1	ug/Kg	1	09/26/19	JLI	SW8260C
QA/QC Surrogates							
% 1,2-Dichlorobenzene-d4	99		%	1	09/26/19	JLI	70 - 130 %
% Bromofluorobenzene	93		%	1	09/26/19	JLI	70 - 130 %
% Dibromofluoromethane	97		%	1	09/26/19	JLI	70 - 130 %
% Toluene-d8	100		%	1	09/26/19	JLI	70 - 130 %
Semivolatiles-STARS/CP-51							
Acenaphthene	350	270	ug/Kg	1	09/26/19	WB	SW8270D

Project ID: 46-81 METROPOLITAN AVE RIDGEWOOD NY
Client ID: SW-2

Phoenix I.D.: CE17174

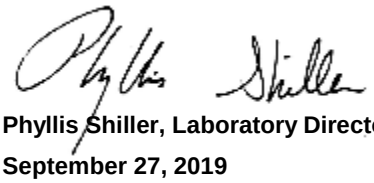
Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acenaphthylene	ND	270	ug/Kg	1	09/26/19	WB	SW8270D
Anthracene	1400	270	ug/Kg	1	09/26/19	WB	SW8270D
Benz(a)anthracene	2800	270	ug/Kg	1	09/26/19	WB	SW8270D
Benzo(a)pyrene	2100	270	ug/Kg	1	09/26/19	WB	SW8270D
Benzo(b)fluoranthene	1700	270	ug/Kg	1	09/26/19	WB	SW8270D
Benzo(ghi)perylene	1000	270	ug/Kg	1	09/26/19	WB	SW8270D
Benzo(k)fluoranthene	1500	270	ug/Kg	1	09/26/19	WB	SW8270D
Chrysene	2800	270	ug/Kg	1	09/26/19	WB	SW8270D
Dibenz(a,h)anthracene	300	270	ug/Kg	1	09/26/19	WB	SW8270D
Fluoranthene	5200	270	ug/Kg	1	09/26/19	WB	SW8270D
Fluorene	410	270	ug/Kg	1	09/26/19	WB	SW8270D
Indeno(1,2,3-cd)pyrene	1100	270	ug/Kg	1	09/26/19	WB	SW8270D
Naphthalene	ND	270	ug/Kg	1	09/26/19	WB	SW8270D
Phenanthrene	4900	270	ug/Kg	1	09/26/19	WB	SW8270D
Pyrene	5100	270	ug/Kg	1	09/26/19	WB	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	64		%	1	09/26/19	WB	30 - 130 %
% Nitrobenzene-d5	58		%	1	09/26/19	WB	30 - 130 %
% Terphenyl-d14	57		%	1	09/26/19	WB	30 - 130 %

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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Phyllis Shiller, Laboratory Director
September 27, 2019
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 27, 2019

FOR: Attn: Jeff Bohlen
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/25/19	9:45
Location Code:	ENVIROTR	Received by:	SW	09/25/19	15:36
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCE17172
Phoenix ID: CE17175

Project ID: 46-81 METROPOLITAN AVE RIDGEWOOD NY
Client ID: SW-3

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	85		%		09/25/19	VT	SW846-%Solid
Soil Extraction SVOA PAH	Completed				09/25/19	RR/VL	SW3545A
Volatiles- STARS/CP-51							
1,2,4-Trimethylbenzene	ND	1.1	ug/Kg	1	09/26/19	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	1.1	ug/Kg	1	09/26/19	JLI	SW8260C
Benzene	ND	2.2	ug/Kg	1	09/26/19	JLI	SW8260C
Ethylbenzene	ND	2.2	ug/Kg	1	09/26/19	JLI	SW8260C
Isopropylbenzene	ND	1.1	ug/Kg	1	09/26/19	JLI	SW8260C
m&p-Xylene	ND	2.2	ug/Kg	1	09/26/19	JLI	SW8260C
Methyl t-Butyl Ether (MTBE)	ND	1.1	ug/Kg	1	09/26/19	JLI	SW8260C
Naphthalene	ND	1.1	ug/Kg	1	09/26/19	JLI	SW8260C
n-Butylbenzene	ND	1.1	ug/Kg	1	09/26/19	JLI	SW8260C
n-Propylbenzene	ND	1.1	ug/Kg	1	09/26/19	JLI	SW8260C
o-Xylene	ND	2.2	ug/Kg	1	09/26/19	JLI	SW8260C
p-Isopropyltoluene	ND	1.1	ug/Kg	1	09/26/19	JLI	SW8260C
sec-Butylbenzene	ND	1.1	ug/Kg	1	09/26/19	JLI	SW8260C
tert-Butylbenzene	ND	1.1	ug/Kg	1	09/26/19	JLI	SW8260C
Toluene	ND	2.2	ug/Kg	1	09/26/19	JLI	SW8260C
Total Xylenes	ND	2.2	ug/Kg	1	09/26/19	JLI	SW8260C
QA/QC Surrogates							
% 1,2-Dichlorobenzene-d4	100		%	1	09/26/19	JLI	70 - 130 %
% Bromofluorobenzene	94		%	1	09/26/19	JLI	70 - 130 %
% Dibromofluoromethane	98		%	1	09/26/19	JLI	70 - 130 %
% Toluene-d8	101		%	1	09/26/19	JLI	70 - 130 %
Semivolatiles-STARS/CP-51							
Acenaphthene	ND	270	ug/Kg	1	09/26/19	WB	SW8270D

Project ID: 46-81 METROPOLITAN AVE RIDGEWOOD NY
Client ID: SW-3

Phoenix I.D.: CE17175

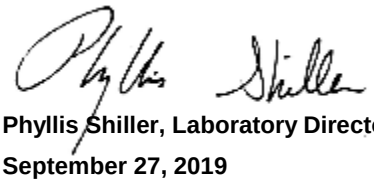
Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acenaphthylene	ND	270	ug/Kg	1	09/26/19	WB	SW8270D
Anthracene	ND	270	ug/Kg	1	09/26/19	WB	SW8270D
Benz(a)anthracene	400	270	ug/Kg	1	09/26/19	WB	SW8270D
Benzo(a)pyrene	390	270	ug/Kg	1	09/26/19	WB	SW8270D
Benzo(b)fluoranthene	340	270	ug/Kg	1	09/26/19	WB	SW8270D
Benzo(ghi)perylene	ND	270	ug/Kg	1	09/26/19	WB	SW8270D
Benzo(k)fluoranthene	320	270	ug/Kg	1	09/26/19	WB	SW8270D
Chrysene	440	270	ug/Kg	1	09/26/19	WB	SW8270D
Dibenz(a,h)anthracene	ND	270	ug/Kg	1	09/26/19	WB	SW8270D
Fluoranthene	770	270	ug/Kg	1	09/26/19	WB	SW8270D
Fluorene	ND	270	ug/Kg	1	09/26/19	WB	SW8270D
Indeno(1,2,3-cd)pyrene	ND	270	ug/Kg	1	09/26/19	WB	SW8270D
Naphthalene	ND	270	ug/Kg	1	09/26/19	WB	SW8270D
Phenanthrene	500	270	ug/Kg	1	09/26/19	WB	SW8270D
Pyrene	710	270	ug/Kg	1	09/26/19	WB	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	60		%	1	09/26/19	WB	30 - 130 %
% Nitrobenzene-d5	51		%	1	09/26/19	WB	30 - 130 %
% Terphenyl-d14	57		%	1	09/26/19	WB	30 - 130 %

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
September 27, 2019
Official Report Release To Follow

Sample Criteria Exceedances Report

GCE17172 - ENVIROTR

Criteria: None

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Cooler: Yes [X] No [ ]
Coolant: IPK [X] ICE [ ] No [ ]
Temp: 3.7 °C Pg of

PHOENIX
Environmental Laboratories, Inc.

NY/NJ/PA CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Contact Options:
[ ] Phone: 631-924-3001
[ ] Fax:
[ ] Email: JeffB at Envirotrac.com

Customer: Envirotrac
Address: 5 Old Dock Rd Yaphank NY

Project: 46-61 Metropolitan Ave Ridgewood NY Project P.O:
Report to: JeffB at Envirotrac.com
Invoice to:
QUOTE # :

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature _____ Date: _____

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe
OIL=Oil **B**=Bulk **L**=Liquid

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	CP-51 VOCs	CP-51 SVOCs	GL Amber 8 oz. w/H3PO4	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL NaOH 250ml	PL HNO3 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
17172	NW-2	S	9/25/19	900	✓	✓											3	X
17173	NW-3	S	↓	915	✓	✓											3	X
17174	SW-2	S		930	✓	✓											3	X
17175	SW-3	S		945	✓	✓											3	X

Relinquished by:	Accepted by:	Date:	Time:
Kevin Davies	Krystal Hall	9/25/19	12:40
		9/25/19	1536

Comments, Special Requirements or Regulations:

Data Format:
[ ] Phoenix Std Report [ ] EQuIS
[ ] Excel [ ] NJ Hazsite EDD
[ ] PDF [ ] NY EZ EDD (ASP)
[ ] GIS/Key [ ] Other

Turnaround:
[ ] 1 Day*
[ ] 2 Days*
[ ] 3 Days*
[ ] 5 Days
[ ] 10 Days
[ ] Other
* SURCHARGE

Data Package:
[ ] NJ Reduced Deliv. * [ ] Other
[ ] NY Enhanced (ASP B) *

NJ
[ ] Res. Criteria
[ ] Non-Res. Criteria
[ ] Impact to GW Soil Cleanup Criteria
[ ] Impact to GW soil screen Criteria
[ ] GW Criteria

NY
[ ] TOGS GW
[ ] CP-51 SOIL
[ ] 375SCO Unrestricted Soil
[ ] 375SCO Residential Soil
[ ] 375SCO Residential
[ ] 375SCO Commercial Soil
[ ] 375SCO Industrial Soil
[ ] Subpart 5 DW

PA
[ ] Clean Fill Limits
[ ] PA-GW
[ ] Reg Fill Limits
[ ] PA Soil Restricted
[ ] PA Soil non-restricted

State Samples Collected?
NY

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 30, 2019

FOR: Attn: Jeff Bohlen
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/25/19	11:00
Location Code:	ENVIROTR	Received by:	SW	09/25/19	15:36
Rush Request:	48 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCE17176
Phoenix ID: CE17176

Project ID: 46-81 METROPOLITAN AVE RIDGEWOOD NY
Client ID: BACKFILL

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Arsenic	3.31	0.65	mg/Kg	1	09/26/19	EK	SW6010D	
Barium	77.2	0.33	mg/Kg	1	09/26/19	EK	SW6010D	
Beryllium	0.67	0.26	mg/Kg	1	09/26/19	EK	SW6010D	
Cadmium	< 0.33	0.33	mg/Kg	1	09/26/19	EK	SW6010D	
Chromium	15.1	0.33	mg/Kg	1	09/26/19	EK	SW6010D	
Copper	12.1	0.7	mg/kg	1	09/26/19	EK	SW6010D	
Lead	3.61	0.33	mg/Kg	1	09/26/19	EK	SW6010D	
Manganese	174	3.3	mg/Kg	10	09/26/19	EK	SW6010D	
Mercury	< 0.03	0.03	mg/Kg	2	09/26/19	RS	SW7471B	
Nickel	7.01	0.33	mg/Kg	1	09/26/19	EK	SW6010D	
Selenium	< 1.3	1.3	mg/Kg	1	09/26/19	EK	SW6010D	
Silver	< 0.33	0.33	mg/Kg	1	09/26/19	EK	SW6010D	
Trivalent Chromium	15.1	0.33	mg/kg	1	09/27/19		CALC 6010-7196	
Zinc	22.5	0.7	mg/Kg	1	09/26/19	EK	SW6010D	
Percent Solid	92		%		09/25/19	VT	SW846-%Solid	
Chromium, Hex. (SW3060 digestion)	< 0.41	0.41	mg/Kg	1	09/27/19	EG/JO	SW7196A	
pH at 25C - Soil	11.1	1.00	pH Units	1	09/25/19 22:37	AP	SW846 9045	1
Redox Potential	84.3		mV	1	09/25/19	AP	SM2580B-09	1
Total Cyanide (SW9010C Distill.)	0.71	0.49	mg/Kg	1	09/26/19	O/GD	SW9012B	
Soil Extraction for PCB	Completed				09/26/19	AT/M/LE	SW3545A	
Soil Extraction for Pesticides	Completed				09/26/19	AT/M/LE	SW3545A	
Soil Extraction for SVOA	Completed				09/26/19	F/K/LE	SW3545A	
Mercury Digestion	Completed				09/26/19	LS/LS	SW7471B	
Soil Extraction for Herbicide	Completed				09/27/19	I/Z/D/AK	SW8151A	
Total Metals Digest	Completed				09/25/19	JJ/AG	SW3050B	
Chlorinated Herbicides								
2,4,5-T	ND	90	ug/Kg	10	09/27/19	PS	SW8151A	

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
2,4,5-TP (Silvex)	ND	90	ug/Kg	10	09/27/19	PS	SW8151A	
2,4-D	ND	180	ug/Kg	10	09/27/19	PS	SW8151A	
2,4-DB	ND	1800	ug/Kg	10	09/27/19	PS	SW8151A	
Dalapon	ND	90	ug/Kg	10	09/27/19	PS	SW8151A	
Dicamba	ND	90	ug/Kg	10	09/27/19	PS	SW8151A	
Dichloroprop	ND	180	ug/Kg	10	09/27/19	PS	SW8151A	
Dinoseb	ND	180	ug/Kg	10	09/27/19	PS	SW8151A	
QA/QC Surrogates								
% DCAA	9		%	10	09/27/19	PS	30 - 150 %	3
% DCAA (Confirmation)	8		%	10	09/27/19	PS	30 - 150 %	3
Polychlorinated Biphenyls								
PCB-1016	ND	350	ug/Kg	10	09/27/19	SC	SW8082A	
PCB-1221	ND	350	ug/Kg	10	09/27/19	SC	SW8082A	
PCB-1232	ND	350	ug/Kg	10	09/27/19	SC	SW8082A	
PCB-1242	ND	350	ug/Kg	10	09/27/19	SC	SW8082A	
PCB-1248	ND	350	ug/Kg	10	09/27/19	SC	SW8082A	
PCB-1254	ND	350	ug/Kg	10	09/27/19	SC	SW8082A	
PCB-1260	ND	350	ug/Kg	10	09/27/19	SC	SW8082A	
PCB-1262	ND	350	ug/Kg	10	09/27/19	SC	SW8082A	
PCB-1268	ND	350	ug/Kg	10	09/27/19	SC	SW8082A	
QA/QC Surrogates								
% DCBP	88		%	10	09/27/19	SC	30 - 150 %	
% DCBP (Confirmation)	96		%	10	09/27/19	SC	30 - 150 %	
% TCMX	79		%	10	09/27/19	SC	30 - 150 %	
% TCMX (Confirmation)	79		%	10	09/27/19	SC	30 - 150 %	
Pesticides - Soil								
4,4' -DDD	ND	2.1	ug/Kg	2	09/27/19	AW	SW8081B	
4,4' -DDE	ND	2.1	ug/Kg	2	09/27/19	AW	SW8081B	
4,4' -DDT	ND	2.1	ug/Kg	2	09/27/19	AW	SW8081B	
a-BHC	ND	7.1	ug/Kg	2	09/27/19	AW	SW8081B	
a-Chlordane	ND	3.5	ug/Kg	2	09/27/19	AW	SW8081B	
Aldrin	ND	3.5	ug/Kg	2	09/27/19	AW	SW8081B	
b-BHC	ND	7.1	ug/Kg	2	09/27/19	AW	SW8081B	
Chlordane	ND	35	ug/Kg	2	09/27/19	AW	SW8081B	
d-BHC	ND	7.1	ug/Kg	2	09/27/19	AW	SW8081B	
Dieldrin	ND	3.5	ug/Kg	2	09/27/19	AW	SW8081B	
Endosulfan I	ND	7.1	ug/Kg	2	09/27/19	AW	SW8081B	
Endosulfan II	ND	7.1	ug/Kg	2	09/27/19	AW	SW8081B	
Endosulfan sulfate	ND	7.1	ug/Kg	2	09/27/19	AW	SW8081B	
Endrin	ND	7.1	ug/Kg	2	09/27/19	AW	SW8081B	
Endrin aldehyde	ND	7.1	ug/Kg	2	09/27/19	AW	SW8081B	
Endrin ketone	ND	7.1	ug/Kg	2	09/27/19	AW	SW8081B	
g-BHC	ND	1.4	ug/Kg	2	09/27/19	AW	SW8081B	
g-Chlordane	ND	3.5	ug/Kg	2	09/27/19	AW	SW8081B	
Heptachlor	ND	7.1	ug/Kg	2	09/27/19	AW	SW8081B	
Heptachlor epoxide	ND	7.1	ug/Kg	2	09/27/19	AW	SW8081B	
Methoxychlor	ND	35	ug/Kg	2	09/27/19	AW	SW8081B	
Toxaphene	ND	140	ug/Kg	2	09/27/19	AW	SW8081B	

Project ID: 46-81 METROPOLITAN AVE RIDGEWOOD NY
Client ID: BACKFILL

Phoenix I.D.: CE17176

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
QA/QC Surrogates								
% DCBP	95		%	2	09/27/19	AW	30 - 150 %	
% DCBP (Confirmation)	106		%	2	09/27/19	AW	30 - 150 %	
% TCMX	68		%	2	09/27/19	AW	30 - 150 %	
% TCMX (Confirmation)	77		%	2	09/27/19	AW	30 - 150 %	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	L 5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
1,1,1-Trichloroethane	ND	L 5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	L 5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
1,1,2-Trichloroethane	ND	L 5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
1,1-Dichloroethane	ND	L 5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
1,1-Dichloroethene	ND	L 5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
1,1-Dichloropropene	ND	L 5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	L 5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
1,2,3-Trichloropropane	ND	L 5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	L 5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	L 5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	L 5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
1,2-Dibromoethane	ND	L 5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
1,2-Dichlorobenzene	ND	L 5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
1,2-Dichloroethane	ND	L 5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
1,2-Dichloropropane	ND	L 5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	L 5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
1,3-Dichlorobenzene	ND	L 5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
1,3-Dichloropropane	ND	L 5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
1,4-Dichlorobenzene	ND	L 5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
2,2-Dichloropropane	ND	L 5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
2-Chlorotoluene	ND	L 5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
2-Hexanone	ND	L 27	ug/Kg	1	09/27/19	JLI	SW8260C	
2-Isopropyltoluene	ND	L 5.3	ug/Kg	1	09/27/19	JLI	SW8260C	1
4-Chlorotoluene	ND	L 5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
4-Methyl-2-pentanone	ND	L 27	ug/Kg	1	09/27/19	JLI	SW8260C	
Acetone	ND	L 27	ug/Kg	1	09/27/19	JLI	SW8260C	
Acrylonitrile	ND	L 11	ug/Kg	1	09/27/19	JLI	SW8260C	
Benzene	ND	L 5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
Bromobenzene	ND	L 5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
Bromochloromethane	ND	L 5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
Bromodichloromethane	ND	L 5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
Bromoform	ND	L 5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
Bromomethane	ND	L 5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
Carbon Disulfide	ND	L 5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
Carbon tetrachloride	ND	L 5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
Chlorobenzene	ND	L 5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
Chloroethane	ND	L 5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
Chloroform	ND	L 5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
Chloromethane	ND	L 5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	L 5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	L 5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
Dibromochloromethane	ND	L 5.3	ug/Kg	1	09/27/19	JLI	SW8260C	

Parameter	Result		RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Dibromomethane	ND	L	5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
Dichlorodifluoromethane	ND	L	5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
Ethylbenzene	ND	L	5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
Hexachlorobutadiene	ND	L	5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
Isopropylbenzene	ND	L	5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
m&p-Xylene	ND	L	5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
Methyl Ethyl Ketone	ND	L	27	ug/Kg	1	09/27/19	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	L	11	ug/Kg	1	09/27/19	JLI	SW8260C	
Methylene chloride	ND	L	11	ug/Kg	1	09/27/19	JLI	SW8260C	
Naphthalene	ND	L	5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
n-Butylbenzene	ND	L	5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
n-Propylbenzene	ND	L	5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
o-Xylene	ND	L	5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
p-Isopropyltoluene	ND	L	5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
sec-Butylbenzene	ND	L	5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
Styrene	ND	L	5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
tert-Butylbenzene	ND	L	5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
Tetrachloroethene	ND	L	5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	L	11	ug/Kg	1	09/27/19	JLI	SW8260C	1
Toluene	ND	L	5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
Total Xylenes	ND		5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	L	5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	L	5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
trans-1,4-dichloro-2-butene	ND	L	11	ug/Kg	1	09/27/19	JLI	SW8260C	
Trichloroethene	ND	L	5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
Trichlorofluoromethane	ND	L	5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
Trichlorotrifluoroethane	ND	L	5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
Vinyl chloride	ND	L	5.3	ug/Kg	1	09/27/19	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	99			%	1	09/27/19	JLI	70 - 130 %	
% Bromofluorobenzene	95			%	1	09/27/19	JLI	70 - 130 %	
% Dibromofluoromethane	37			%	1	09/27/19	JLI	70 - 130 %	3
% Toluene-d8	99			%	1	09/27/19	JLI	70 - 130 %	
1,4-dioxane									
1,4-dioxane	ND	L	80	ug/kg	1	09/27/19	JLI	SW8260C	
Semivolatiles									
1,2,4,5-Tetrachlorobenzene	ND		2500	ug/Kg	10	09/27/19	WB	SW8270D	
1,2,4-Trichlorobenzene	ND		2500	ug/Kg	10	09/27/19	WB	SW8270D	
1,2-Dichlorobenzene	ND		2500	ug/Kg	10	09/27/19	WB	SW8270D	
1,2-Diphenylhydrazine	ND		3600	ug/Kg	10	09/27/19	WB	SW8270D	
1,3-Dichlorobenzene	ND		2500	ug/Kg	10	09/27/19	WB	SW8270D	
1,4-Dichlorobenzene	ND		2500	ug/Kg	10	09/27/19	WB	SW8270D	
2,4,5-Trichlorophenol	ND		2500	ug/Kg	10	09/27/19	WB	SW8270D	
2,4,6-Trichlorophenol	ND		2500	ug/Kg	10	09/27/19	WB	SW8270D	
2,4-Dichlorophenol	ND		2500	ug/Kg	10	09/27/19	WB	SW8270D	
2,4-Dimethylphenol	ND		2500	ug/Kg	10	09/27/19	WB	SW8270D	
2,4-Dinitrophenol	ND		3600	ug/Kg	10	09/27/19	WB	SW8270D	
2,4-Dinitrotoluene	ND		2500	ug/Kg	10	09/27/19	WB	SW8270D	

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
2,6-Dinitrotoluene	ND	2500	ug/Kg	10	09/27/19	WB	SW8270D
2-Chloronaphthalene	ND	2500	ug/Kg	10	09/27/19	WB	SW8270D
2-Chlorophenol	ND	2500	ug/Kg	10	09/27/19	WB	SW8270D
2-Methylnaphthalene	ND	2500	ug/Kg	10	09/27/19	WB	SW8270D
2-Methylphenol (o-cresol)	ND	2500	ug/Kg	10	09/27/19	WB	SW8270D
2-Nitroaniline	ND	3600	ug/Kg	10	09/27/19	WB	SW8270D
2-Nitrophenol	ND	2500	ug/Kg	10	09/27/19	WB	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	3600	ug/Kg	10	09/27/19	WB	SW8270D
3,3'-Dichlorobenzidine	ND	2500	ug/Kg	10	09/27/19	WB	SW8270D
3-Nitroaniline	ND	3600	ug/Kg	10	09/27/19	WB	SW8270D
4,6-Dinitro-2-methylphenol	ND	3600	ug/Kg	10	09/27/19	WB	SW8270D
4-Bromophenyl phenyl ether	ND	3600	ug/Kg	10	09/27/19	WB	SW8270D
4-Chloro-3-methylphenol	ND	2500	ug/Kg	10	09/27/19	WB	SW8270D
4-Chloroaniline	ND	2500	ug/Kg	10	09/27/19	WB	SW8270D
4-Chlorophenyl phenyl ether	ND	2500	ug/Kg	10	09/27/19	WB	SW8270D
4-Nitroaniline	ND	5800	ug/Kg	10	09/27/19	WB	SW8270D
4-Nitrophenol	ND	2500	ug/Kg	10	09/27/19	WB	SW8270D
Acenaphthene	ND	2500	ug/Kg	10	09/27/19	WB	SW8270D
Acenaphthylene	ND	2500	ug/Kg	10	09/27/19	WB	SW8270D
Acetophenone	ND	2500	ug/Kg	10	09/27/19	WB	SW8270D
Aniline	ND	3600	ug/Kg	10	09/27/19	WB	SW8270D
Anthracene	ND	2500	ug/Kg	10	09/27/19	WB	SW8270D
Benz(a)anthracene	ND	2500	ug/Kg	10	09/27/19	WB	SW8270D
Benzidine	ND	2500	ug/Kg	10	09/27/19	WB	SW8270D
Benzo(a)pyrene	ND	2500	ug/Kg	10	09/27/19	WB	SW8270D
Benzo(b)fluoranthene	ND	2500	ug/Kg	10	09/27/19	WB	SW8270D
Benzo(ghi)perylene	ND	2500	ug/Kg	10	09/27/19	WB	SW8270D
Benzo(k)fluoranthene	ND	2500	ug/Kg	10	09/27/19	WB	SW8270D
Benzoic acid	ND	7200	ug/Kg	10	09/27/19	WB	SW8270D
Benzyl butyl phthalate	ND	2500	ug/Kg	10	09/27/19	WB	SW8270D
Bis(2-chloroethoxy)methane	ND	2500	ug/Kg	10	09/27/19	WB	SW8270D
Bis(2-chloroethyl)ether	ND	3600	ug/Kg	10	09/27/19	WB	SW8270D
Bis(2-chloroisopropyl)ether	ND	2500	ug/Kg	10	09/27/19	WB	SW8270D
Bis(2-ethylhexyl)phthalate	ND	2500	ug/Kg	10	09/27/19	WB	SW8270D
Carbazole	ND	3600	ug/Kg	10	09/27/19	WB	SW8270D
Chrysene	ND	2500	ug/Kg	10	09/27/19	WB	SW8270D
Dibenz(a,h)anthracene	ND	2500	ug/Kg	10	09/27/19	WB	SW8270D
Dibenzofuran	ND	2500	ug/Kg	10	09/27/19	WB	SW8270D
Diethyl phthalate	ND	2500	ug/Kg	10	09/27/19	WB	SW8270D
Dimethylphthalate	ND	2500	ug/Kg	10	09/27/19	WB	SW8270D
Di-n-butylphthalate	ND	3600	ug/Kg	10	09/27/19	WB	SW8270D
Di-n-octylphthalate	ND	2500	ug/Kg	10	09/27/19	WB	SW8270D
Fluoranthene	ND	2500	ug/Kg	10	09/27/19	WB	SW8270D
Fluorene	ND	2500	ug/Kg	10	09/27/19	WB	SW8270D
Hexachlorobenzene	ND	2500	ug/Kg	10	09/27/19	WB	SW8270D
Hexachlorobutadiene	ND	2500	ug/Kg	10	09/27/19	WB	SW8270D
Hexachlorocyclopentadiene	ND	2500	ug/Kg	10	09/27/19	WB	SW8270D
Hexachloroethane	ND	2500	ug/Kg	10	09/27/19	WB	SW8270D
Indeno(1,2,3-cd)pyrene	ND	2500	ug/Kg	10	09/27/19	WB	SW8270D

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Isophorone	ND	11000	ug/Kg	10	09/27/19	WB	SW8270D	
Naphthalene	ND	2500	ug/Kg	10	09/27/19	WB	SW8270D	
Nitrobenzene	ND	2500	ug/Kg	10	09/27/19	WB	SW8270D	
N-Nitrosodimethylamine	ND	3600	ug/Kg	10	09/27/19	WB	SW8270D	
N-Nitrosodi-n-propylamine	ND	2500	ug/Kg	10	09/27/19	WB	SW8270D	
N-Nitrosodiphenylamine	ND	3600	ug/Kg	10	09/27/19	WB	SW8270D	
Pentachloronitrobenzene	ND	3600	ug/Kg	10	09/27/19	WB	SW8270D	
Pentachlorophenol	ND	3600	ug/Kg	10	09/27/19	WB	SW8270D	
Phenanthrene	ND	2500	ug/Kg	10	09/27/19	WB	SW8270D	
Phenol	ND	2500	ug/Kg	10	09/27/19	WB	SW8270D	
Pyrene	ND	2500	ug/Kg	10	09/27/19	WB	SW8270D	
Pyridine	ND	3600	ug/Kg	10	09/27/19	WB	SW8270D	
QA/QC Surrogates								
% 2,4,6-Tribromophenol (10x)	Diluted Out		%	10	09/27/19	WB	30 - 130 %	
% 2-Fluorobiphenyl (10x)	Diluted Out		%	10	09/27/19	WB	30 - 130 %	
% 2-Fluorophenol (10x)	Diluted Out		%	10	09/27/19	WB	30 - 130 %	
% Nitrobenzene-d5 (10x)	Diluted Out		%	10	09/27/19	WB	30 - 130 %	
% Phenol-d5 (10x)	Diluted Out		%	10	09/27/19	WB	30 - 130 %	
% Terphenyl-d14 (10x)	Diluted Out		%	10	09/27/19	WB	30 - 130 %	
Field Extraction	Completed				09/25/19		SW5035A	1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
3 = This parameter exceeds laboratory specified limits.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

Volatile comment:
**Poor surrogate recovery was observed for volatiles. Sample was analyzed twice with similar results indicating matrix interference.

Semi-Volatile Comment:
Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL for the semivolatile analysis.

Hexavalent Chromium:
This sample is in a reducing state.

Herbicide Comment:
Poor surrogate recovery was observed. Sample was re-extracted with similar results.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
September 30, 2019
Official Report Release To Follow

Sample Criteria Exceedances Report

GCE17176 - ENVIROTR

Criteria: None

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Cooler: Yes [X] No [ ]
Coolant: IPK [X] ICE [ ] No [ ]
Temp 3.1 °C Pg of

PHOENIX
Environmental Laboratories, Inc.

NY/NJ/PA CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Contact Options:
[ ] Phone: 631-939-3601
[ ] Fax:
[ ] Email: JeffB at Envirotrac.com

Customer: Envirotrac
Address: 5 Old Dock Rd Yaphank NY

Project: 46-91 Metropolitan Ave Ridgewood NY
Report to: JeffB at Envirotrac.com
Invoice to:
QUOTE # :

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature _____ Date: _____

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe
OIL=Oil **B**=Bulk **L**=Liquid

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	NYDEC Part 375 Parameters	GL Amber 8 oz w/H3PO4	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL NaOH 250ml	PL HNO3 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
17176	Back 5.11	S	9/25/19	11:00	✓			5									

Relinquished by:	Accepted by:	Date:	Time:
Ian Davies	[signature]	9/25/19	12:40
	Kimberly Hall	9/25/19	15:36

Comments, Special Requirements or Regulations:

Data Format:
[ ] Phoenix Std Report [ ] EQuIS
[ ] Excel [ ] NJ Hazsite EDD
[ ] PDF [ ] NY EZ EDD (ASP)
[ ] GIS/Key [ ] Other

Turnaround:
[ ] 1 Day*
[ ] 2 Days*
[ ] 3 Days*
[ ] 5 Days
[ ] 10 Days
[ ] Other
* SURCHARGE

NJ
[ ] Res. Criteria
[ ] Non-Res. Criteria
[ ] Impact to GW Soil Cleanup Criteria
[ ] Impact to GW soil screen Criteria
[ ] GW Criteria

Data Package:
[ ] NJ Reduced Deliv. * [ ] Other
[ ] NY Enhanced (ASP B) *

NY
[ ] TOGS GW
[ ] CP-51 SOIL
[ ] 375SCO Unrestricted Soil
[ ] 375SCO Residential Soil
[ ] 375SCO Residential
[ ] 375SCO Commercial Soil
[ ] 375SCO Industrial Soil
[ ] Subpart 5 DW

PA
[ ] Clean Fill Limits
[ ] PA-GW
[ ] Reg Fill Limits
[ ] PA Soil Restricted
[ ] PA Soil non-restricted

State Samples Collected?
NY

PHOENIX
Environmental Laboratories, Inc.

NY/NJ/PA CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Cooler: Yes ☒ No ☐
Coolant: (PK ☒ ICE ☐ No ☐
Temp 3.1 °C Pg of

Contact Options:
☐ Phone 631-987-3001
☐ Fax:
☐ Email JeffB at Envirotrac.com

Customer: Envirotrac
Address: 5 Old Dock Rd Yaphank NY

Project: 46-41 Metropolitan Ave Ridgewood NY
Report to: JeffB at Envirotrac.com
Invoice to:
QUOTE # :

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature _____ Date: _____

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe
OIL=Oil **B**=Bulk **L**=Liquid

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	NYDEC Part 375 Parameters	GL Amber 8 oz. w/H3PO4	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container [ ] oz	GL Soil container [ ] oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] As is [ ] HCl	PL H2SO4 [ ] 250ml [ ] 500ml [ ] 1000ml	PL NaOH 250ml	PL HNO3 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
171 76	Dock 5.11	S	9/25/19	1100	✓				5								

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	9/25/19	12:40
	[signature] Hall	9/25/19	15:30

Comments, Special Requirements or Regulations:
Results by ~~Tuesday~~ Friday
~~9/30~~ 9/27

Data Format:
☐ Phoenix Std Report ☐ EQuIS
☐ Excel ☐ NJ Hazsite EDD
☐ PDF ☐ NY EZ EDD (ASP)
☐ GIS/Key ☐ Other

Turnaround:
☒ 1 Day*
☐ 2 Days*
☐ 3 Days*
☐ 5 Days
☐ 10 Days
☐ Other
* SURCHARGE

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ Impact to GW soil screen Criteria
☐ GW Criteria

Data Package:
☐ NJ Reduced Deliv. * ☐ Other
☐ NY Enhanced (ASP B) *

NY
☐ TOGS GW
☐ CP-51 SOIL
☐ 375SCO Unrestricted Soil
☐ 375SCO Residential Soil
☐ 375SCO Residential
☐ 375SCO Commercial Soil
☐ 375SCO Industrial Soil
☐ Subpart 5 DW

PA
☐ Clean Fill Limits
☐ PA-GW
☐ Reg Fill Limits
☐ PA Soil Restricted
☐ PA Soil non-restricted

State Samples Collected?
NY

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Analysis Report

September 30, 2019

FOR: Attn: Jeff Bohlen
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/26/19	10:15
Location Code:	ENVIROTR	Received by:	SW	09/26/19	15:22
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCE18315
Phoenix ID: CE18315

Project ID: 46-81 METROPOLITAN AVE RIDGEWOOD NY
Client ID: SW-4

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	89		%		09/26/19	VT	SW846-%Solid
Soil Extraction SVOA PAH	Completed				09/27/19	KK/LE	SW3545A
Volatiles- STARS/CP-51							
1,2,4-Trimethylbenzene	ND	1.2	ug/Kg	1	09/27/19	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	1.2	ug/Kg	1	09/27/19	JLI	SW8260C
Benzene	ND	2.4	ug/Kg	1	09/27/19	JLI	SW8260C
Ethylbenzene	ND	2.4	ug/Kg	1	09/27/19	JLI	SW8260C
Isopropylbenzene	ND	1.2	ug/Kg	1	09/27/19	JLI	SW8260C
m&p-Xylene	ND	2.4	ug/Kg	1	09/27/19	JLI	SW8260C
Methyl t-Butyl Ether (MTBE)	ND	1.2	ug/Kg	1	09/27/19	JLI	SW8260C
Naphthalene	ND	1.2	ug/Kg	1	09/27/19	JLI	SW8260C
n-Butylbenzene	ND	1.2	ug/Kg	1	09/27/19	JLI	SW8260C
n-Propylbenzene	ND	1.2	ug/Kg	1	09/27/19	JLI	SW8260C
o-Xylene	ND	2.4	ug/Kg	1	09/27/19	JLI	SW8260C
p-Isopropyltoluene	ND	1.2	ug/Kg	1	09/27/19	JLI	SW8260C
sec-Butylbenzene	ND	1.2	ug/Kg	1	09/27/19	JLI	SW8260C
tert-Butylbenzene	ND	1.2	ug/Kg	1	09/27/19	JLI	SW8260C
Toluene	ND	2.4	ug/Kg	1	09/27/19	JLI	SW8260C
Total Xylenes	ND	2.4	ug/Kg	1	09/27/19	JLI	SW8260C
QA/QC Surrogates							
% 1,2-Dichlorobenzene-d4	94		%	1	09/27/19	JLI	70 - 130 %
% Bromofluorobenzene	88		%	1	09/27/19	JLI	70 - 130 %
% Dibromofluoromethane	101		%	1	09/27/19	JLI	70 - 130 %
% Toluene-d8	98		%	1	09/27/19	JLI	70 - 130 %
Semivolatiles-STARS/CP-51							
Acenaphthene	610	260	ug/Kg	1	09/29/19	WB	SW8270D

Project ID: 46-81 METROPOLITAN AVE RIDGEWOOD NY
Client ID: SW-4

Phoenix I.D.: CE18315

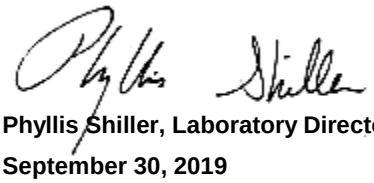
Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acenaphthylene	ND	260	ug/Kg	1	09/29/19	WB	SW8270D
Anthracene	1200	260	ug/Kg	1	09/29/19	WB	SW8270D
Benz(a)anthracene	2700	260	ug/Kg	1	09/29/19	WB	SW8270D
Benzo(a)pyrene	2600	260	ug/Kg	1	09/29/19	WB	SW8270D
Benzo(b)fluoranthene	2200	260	ug/Kg	1	09/29/19	WB	SW8270D
Benzo(ghi)perylene	1400	260	ug/Kg	1	09/29/19	WB	SW8270D
Benzo(k)fluoranthene	2200	260	ug/Kg	1	09/29/19	WB	SW8270D
Chrysene	3000	260	ug/Kg	1	09/29/19	WB	SW8270D
Dibenz(a,h)anthracene	370	260	ug/Kg	1	09/29/19	WB	SW8270D
Fluoranthene	7000	260	ug/Kg	1	09/29/19	WB	SW8270D
Fluorene	610	260	ug/Kg	1	09/29/19	WB	SW8270D
Indeno(1,2,3-cd)pyrene	1600	260	ug/Kg	1	09/29/19	WB	SW8270D
Naphthalene	330	260	ug/Kg	1	09/29/19	WB	SW8270D
Phenanthrene	7200	260	ug/Kg	1	09/29/19	WB	SW8270D
Pyrene	6400	260	ug/Kg	1	09/29/19	WB	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	66		%	1	09/29/19	WB	30 - 130 %
% Nitrobenzene-d5	60		%	1	09/29/19	WB	30 - 130 %
% Terphenyl-d14	61		%	1	09/29/19	WB	30 - 130 %

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
September 30, 2019
Official Report Release To Follow

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 30, 2019

FOR: Attn: Jeff Bohlen
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/26/19	11:20
Location Code:	ENVIROTR	Received by:	SW	09/26/19	15:22
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCE18315
Phoenix ID: CE18316

Project ID: 46-81 METROPOLITAN AVE RIDGEWOOD NY
Client ID: EW-1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	88		%		09/26/19	VT	SW846-%Solid
Soil Extraction SVOA PAH	Completed				09/26/19	KK/LE	SW3545A
Volatiles- STARS/CP-51							
1,2,4-Trimethylbenzene	ND	0.91	ug/Kg	1	09/27/19	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	0.91	ug/Kg	1	09/27/19	JLI	SW8260C
Benzene	ND	1.8	ug/Kg	1	09/27/19	JLI	SW8260C
Ethylbenzene	ND	1.8	ug/Kg	1	09/27/19	JLI	SW8260C
Isopropylbenzene	ND	0.91	ug/Kg	1	09/27/19	JLI	SW8260C
m&p-Xylene	ND	1.8	ug/Kg	1	09/27/19	JLI	SW8260C
Methyl t-Butyl Ether (MTBE)	ND	0.91	ug/Kg	1	09/27/19	JLI	SW8260C
Naphthalene	ND	0.91	ug/Kg	1	09/27/19	JLI	SW8260C
n-Butylbenzene	ND	0.91	ug/Kg	1	09/27/19	JLI	SW8260C
n-Propylbenzene	ND	0.91	ug/Kg	1	09/27/19	JLI	SW8260C
o-Xylene	ND	1.8	ug/Kg	1	09/27/19	JLI	SW8260C
p-Isopropyltoluene	ND	0.91	ug/Kg	1	09/27/19	JLI	SW8260C
sec-Butylbenzene	ND	0.91	ug/Kg	1	09/27/19	JLI	SW8260C
tert-Butylbenzene	ND	0.91	ug/Kg	1	09/27/19	JLI	SW8260C
Toluene	ND	1.8	ug/Kg	1	09/27/19	JLI	SW8260C
Total Xylenes	ND	1.8	ug/Kg	1	09/27/19	JLI	SW8260C
QA/QC Surrogates							
% 1,2-Dichlorobenzene-d4	95		%	1	09/27/19	JLI	70 - 130 %
% Bromofluorobenzene	92		%	1	09/27/19	JLI	70 - 130 %
% Dibromofluoromethane	97		%	1	09/27/19	JLI	70 - 130 %
% Toluene-d8	99		%	1	09/27/19	JLI	70 - 130 %
Semivolatiles-STARS/CP-51							
Acenaphthene	ND	260	ug/Kg	1	09/27/19	WB	SW8270D

Project ID: 46-81 METROPOLITAN AVE RIDGEWOOD NY
Client ID: EW-1

Phoenix I.D.: CE18316

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Acenaphthylene	ND	260	ug/Kg	1	09/27/19	WB	SW8270D	
Anthracene	ND	260	ug/Kg	1	09/27/19	WB	SW8270D	
Benz(a)anthracene	ND	260	ug/Kg	1	09/27/19	WB	SW8270D	
Benzo(a)pyrene	ND	260	ug/Kg	1	09/27/19	WB	SW8270D	
Benzo(b)fluoranthene	ND	260	ug/Kg	1	09/27/19	WB	SW8270D	
Benzo(ghi)perylene	ND	260	ug/Kg	1	09/27/19	WB	SW8270D	
Benzo(k)fluoranthene	ND	260	ug/Kg	1	09/27/19	WB	SW8270D	
Chrysene	ND	260	ug/Kg	1	09/27/19	WB	SW8270D	
Dibenz(a,h)anthracene	ND	260	ug/Kg	1	09/27/19	WB	SW8270D	
Fluoranthene	ND	260	ug/Kg	1	09/27/19	WB	SW8270D	
Fluorene	ND	260	ug/Kg	1	09/27/19	WB	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	260	ug/Kg	1	09/27/19	WB	SW8270D	
Naphthalene	ND	260	ug/Kg	1	09/27/19	WB	SW8270D	
Phenanthrene	ND	260	ug/Kg	1	09/27/19	WB	SW8270D	
Pyrene	ND	260	ug/Kg	1	09/27/19	WB	SW8270D	
QA/QC Surrogates								
% 2-Fluorobiphenyl	35		%	1	09/27/19	WB	30 - 130 %	
% Nitrobenzene-d5	29		%	1	09/27/19	WB	30 - 130 %	3
% Terphenyl-d14	33		%	1	09/27/19	WB	30 - 130 %	

3 = This parameter exceeds laboratory specified limits.

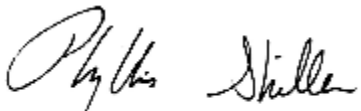
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Semi-Volatile Comment:
Poor surrogate recovery was observed for one acid and/or one base surrogate. The other surrogates associated with this sample were within QA/QC criteria. No significant bias suspected.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
September 30, 2019
Official Report Release To Follow

Sample Criteria Exceedances Report

GCE18315 - ENVIROTR

Criteria: None

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Cooler: Yes ☑ No ☐
Coolant: IPK ☐ ICE ☑ No ☐
Temp 2 °C Pg of

PHOENIX Environmental Laboratories, Inc.

NY/NJ/PA CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Contact Options:
☐ Phone: 631-924-3001
☐ Fax:
☐ Email: JeffB at Envirotrac.com

Customer: Envirotrac
Address: 5 Old Dock Rd Yaphank NY

Project: 96-91 Metropolitan Ave Ridgewood NY Project P.O:
Report to: JeffB at Envirotrac.com
Invoice to:
QUOTE # :

This section MUST be completed with Bottle Quantities.

Sampler's Signature: [signature] Date: 9/26/19

Client Sample - Information - Identification

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe
OIL=Oil **B**=Bulk **L**=Liquid

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	CP-51 VOCs	CP-51 SVOCs	GL Amber 8 oz. w/H3PO4	Soil VOA Vials [ ] methanol [X] H2O	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL NaOH 250ml	PL HNO3 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
18315	SW-4	S	9/26/19	1015	✓	✓			3									
18316	EW-1	S	9/26/19	1120	✓	✓			X									

Relinquished by:	Accepted by:	Date:	Time:
Ken Downes	[signature]	9/26/19	9:26:19
	[signature]	9/26/19	12:15
			1502

Comments, Special Requirements or Regulations:

Data Format:
☐ Phoenix Std Report ☐ EQuIS
☐ Excel ☐ NJ Hazsite EDD
☐ PDF ☐ NY EZ EDD (ASP)
☐ GIS/Key ☐ Other

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☐ 5 Days
☐ 10 Days
☐ Other
* SURCHARGE

Data Package:
☐ NJ Reduced Deliv. * ☐ Other
☐ NY Enhanced (ASP B) *

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ Impact to GW soil screen Criteria
☐ GW Criteria

NY
☐ TOGS GW
☐ CP-51 SOIL
☐ 375SCO Unrestricted Soil
☐ 375SCO Residential Soil
☐ 375SCO Residential
☐ 375SCO Commercial Soil
☐ 375SCO Industrial Soil
☐ Subpart 5 DW

PA
☐ Clean Fill Limits
☐ PA-GW
☐ Reg Fill Limits
☐ PA Soil Restricted
☐ PA Soil non-restricted

State Samples Collected?
NY

Sarah Bell

From: Tracy Wall, PG <tracyw@envirotrac.com>
Sent: Thursday, September 26, 2019 5:17 PM
To: Sarah Bell; Bobbi Aloisa
Cc: Jeffrey Bohlen, PG
Subject: RE: Metropolitan Avenue, Brooklyn, NY
Attachments: DOC092619-004.pdf

I apologize… again.

The back fill results should also be a rush for tomorrow, Friday, 9/27. Attached is the revised COC.
Plus, whatever samples that came in today for this site, should also be 24 hour TAT. The chain was not scanned in yet, but the Phoenix ID # is GCE 18315.

Call me with any questions.

Thanks,
Tracy

From: Sarah Bell <sarah@phoenixlabs.com>
Sent: Thursday, September 26, 2019 4:48 PM
To: Tracy Wall, PG <tracyw@envirotrac.com>
Cc: Jeffrey Bohlen, PG <jeffb@envirotrac.com>
Subject: RE: Metropolitan Avenue, Brooklyn, NY

Did Bobbi email you ? I don't see anything pending for a rush for you today

---

From: Tracy Wall, PG [mailto:tracyw@envirotrac.com]
Sent: Thursday, September 26, 2019 4:00 PM
To: Sarah Bell
Cc: Jeffrey Bohlen, PG
Subject: Metropolitan Avenue, Brooklyn, NY

Sarah,

Please let me know when we can expect the NYSDEC Part 375 results for the soil samples submitted to Phoenix for the above-referenced site. There was a 24-hour turnaround time on these samples. Please advise.

Thanks,

Tracy Wall

Tracy Wall, PG

Project Manager

EnviroTrac Ltd.
phone: 631.924.3001 | mobile: 631.905.4259 | email: tracyw@envirotrac.com
5 Old Dock Road Yaphank, NY 11980 | https://envirotrac.com


EnviroTrac

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 30, 2019

FOR: Attn: Mr. Jeff Bohlen
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/27/19	12:08
Location Code:	ENVIROTR	Received by:	B	09/27/19	15:26
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCE19604
Phoenix ID: CE19604

Project ID: 46-81 METROPOLITAN AVE RIDGEWOOD
Client ID: EAST SIDEWALL #2

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	88		%		09/27/19	VT	SW846-%Solid
Soil Extraction SVOA PAH	Completed				09/27/19	KK/LE	SW3545A
Volatiles- STARS/CP-51							
1,2,4-Trimethylbenzene	ND	0.88	ug/Kg	1	09/28/19	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	0.88	ug/Kg	1	09/28/19	JLI	SW8260C
Benzene	ND	1.8	ug/Kg	1	09/28/19	JLI	SW8260C
Ethylbenzene	ND	1.8	ug/Kg	1	09/28/19	JLI	SW8260C
Isopropylbenzene	ND	0.88	ug/Kg	1	09/28/19	JLI	SW8260C
m&p-Xylene	ND	1.8	ug/Kg	1	09/28/19	JLI	SW8260C
Methyl t-Butyl Ether (MTBE)	ND	0.88	ug/Kg	1	09/28/19	JLI	SW8260C
Naphthalene	2.4	0.88	ug/Kg	1	09/28/19	JLI	SW8260C
n-Butylbenzene	1.3	0.88	ug/Kg	1	09/28/19	JLI	SW8260C
n-Propylbenzene	ND	0.88	ug/Kg	1	09/28/19	JLI	SW8260C
o-Xylene	ND	1.8	ug/Kg	1	09/28/19	JLI	SW8260C
p-Isopropyltoluene	ND	0.88	ug/Kg	1	09/28/19	JLI	SW8260C
sec-Butylbenzene	1.5	0.88	ug/Kg	1	09/28/19	JLI	SW8260C
tert-Butylbenzene	ND	0.88	ug/Kg	1	09/28/19	JLI	SW8260C
Toluene	ND	1.8	ug/Kg	1	09/28/19	JLI	SW8260C
Total Xylenes	ND	1.8	ug/Kg	1	09/28/19	JLI	SW8260C
QA/QC Surrogates							
% 1,2-Dichlorobenzene-d4	99		%	1	09/28/19	JLI	70 - 130 %
% Bromofluorobenzene	93		%	1	09/28/19	JLI	70 - 130 %
% Dibromofluoromethane	95		%	1	09/28/19	JLI	70 - 130 %
% Toluene-d8	98		%	1	09/28/19	JLI	70 - 130 %
Semivolatiles-STARS/CP-51							
Acenaphthene	ND	260	ug/Kg	1	09/28/19	WB	SW8270D

Project ID: 46-81 METROPOLITAN AVE RIDGEWOOD
Client ID: EAST SIDEWALL #2

Phoenix I.D.: CE19604

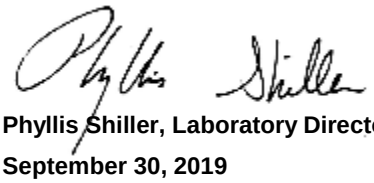
Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acenaphthylene	ND	260	ug/Kg	1	09/28/19	WB	SW8270D
Anthracene	ND	260	ug/Kg	1	09/28/19	WB	SW8270D
Benz(a)anthracene	ND	260	ug/Kg	1	09/28/19	WB	SW8270D
Benzo(a)pyrene	ND	260	ug/Kg	1	09/28/19	WB	SW8270D
Benzo(b)fluoranthene	ND	260	ug/Kg	1	09/28/19	WB	SW8270D
Benzo(ghi)perylene	ND	260	ug/Kg	1	09/28/19	WB	SW8270D
Benzo(k)fluoranthene	ND	260	ug/Kg	1	09/28/19	WB	SW8270D
Chrysene	ND	260	ug/Kg	1	09/28/19	WB	SW8270D
Dibenz(a,h)anthracene	ND	260	ug/Kg	1	09/28/19	WB	SW8270D
Fluoranthene	ND	260	ug/Kg	1	09/28/19	WB	SW8270D
Fluorene	ND	260	ug/Kg	1	09/28/19	WB	SW8270D
Indeno(1,2,3-cd)pyrene	ND	260	ug/Kg	1	09/28/19	WB	SW8270D
Naphthalene	ND	260	ug/Kg	1	09/28/19	WB	SW8270D
Phenanthrene	ND	260	ug/Kg	1	09/28/19	WB	SW8270D
Pyrene	ND	260	ug/Kg	1	09/28/19	WB	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	55		%	1	09/28/19	WB	30 - 130 %
% Nitrobenzene-d5	33		%	1	09/28/19	WB	30 - 130 %
% Terphenyl-d14	71		%	1	09/28/19	WB	30 - 130 %

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
September 30, 2019
Official Report Release To Follow

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

September 30, 2019

FOR: Attn: Mr. Jeff Bohlen
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		09/27/19	12:15
Location Code:	ENVIROTR	Received by:	B	09/27/19	15:26
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCE19604
Phoenix ID: CE19605

Project ID: 46-81 METROPOLITAN AVE RIDGEWOOD
Client ID: EAST SIDEWALL #3

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	86		%		09/27/19	VT	SW846-%Solid
Soil Extraction SVOA PAH	Completed				09/27/19	KK/LE	SW3545A
Volatiles- STARS/CP-51							
1,2,4-Trimethylbenzene	ND	0.95	ug/Kg	1	09/28/19	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	0.95	ug/Kg	1	09/28/19	JLI	SW8260C
Benzene	ND	1.9	ug/Kg	1	09/28/19	JLI	SW8260C
Ethylbenzene	ND	1.9	ug/Kg	1	09/28/19	JLI	SW8260C
Isopropylbenzene	ND	0.95	ug/Kg	1	09/28/19	JLI	SW8260C
m&p-Xylene	ND	1.9	ug/Kg	1	09/28/19	JLI	SW8260C
Methyl t-Butyl Ether (MTBE)	ND	0.95	ug/Kg	1	09/28/19	JLI	SW8260C
Naphthalene	ND	0.95	ug/Kg	1	09/28/19	JLI	SW8260C
n-Butylbenzene	ND	0.95	ug/Kg	1	09/28/19	JLI	SW8260C
n-Propylbenzene	ND	0.95	ug/Kg	1	09/28/19	JLI	SW8260C
o-Xylene	ND	1.9	ug/Kg	1	09/28/19	JLI	SW8260C
p-Isopropyltoluene	ND	0.95	ug/Kg	1	09/28/19	JLI	SW8260C
sec-Butylbenzene	ND	0.95	ug/Kg	1	09/28/19	JLI	SW8260C
tert-Butylbenzene	ND	0.95	ug/Kg	1	09/28/19	JLI	SW8260C
Toluene	ND	1.9	ug/Kg	1	09/28/19	JLI	SW8260C
Total Xylenes	ND	1.9	ug/Kg	1	09/28/19	JLI	SW8260C
QA/QC Surrogates							
% 1,2-Dichlorobenzene-d4	98		%	1	09/28/19	JLI	70 - 130 %
% Bromofluorobenzene	87		%	1	09/28/19	JLI	70 - 130 %
% Dibromofluoromethane	96		%	1	09/28/19	JLI	70 - 130 %
% Toluene-d8	96		%	1	09/28/19	JLI	70 - 130 %
Semivolatiles-STARS/CP-51							
Acenaphthene	ND	260	ug/Kg	1	09/28/19	WB	SW8270D

Project ID: 46-81 METROPOLITAN AVE RIDGEWOOD
Client ID: EAST SIDEWALL #3

Phoenix I.D.: CE19605

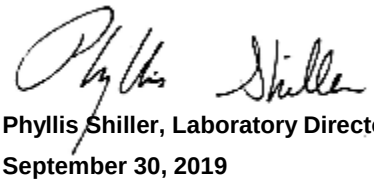
Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acenaphthylene	ND	260	ug/Kg	1	09/28/19	WB	SW8270D
Anthracene	ND	260	ug/Kg	1	09/28/19	WB	SW8270D
Benz(a)anthracene	400	260	ug/Kg	1	09/28/19	WB	SW8270D
Benzo(a)pyrene	380	260	ug/Kg	1	09/28/19	WB	SW8270D
Benzo(b)fluoranthene	290	260	ug/Kg	1	09/28/19	WB	SW8270D
Benzo(ghi)perylene	ND	260	ug/Kg	1	09/28/19	WB	SW8270D
Benzo(k)fluoranthene	320	260	ug/Kg	1	09/28/19	WB	SW8270D
Chrysene	390	260	ug/Kg	1	09/28/19	WB	SW8270D
Dibenz(a,h)anthracene	ND	260	ug/Kg	1	09/28/19	WB	SW8270D
Fluoranthene	760	260	ug/Kg	1	09/28/19	WB	SW8270D
Fluorene	ND	260	ug/Kg	1	09/28/19	WB	SW8270D
Indeno(1,2,3-cd)pyrene	ND	260	ug/Kg	1	09/28/19	WB	SW8270D
Naphthalene	ND	260	ug/Kg	1	09/28/19	WB	SW8270D
Phenanthrene	350	260	ug/Kg	1	09/28/19	WB	SW8270D
Pyrene	710	260	ug/Kg	1	09/28/19	WB	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	53		%	1	09/28/19	WB	30 - 130 %
% Nitrobenzene-d5	36		%	1	09/28/19	WB	30 - 130 %
% Terphenyl-d14	60		%	1	09/28/19	WB	30 - 130 %

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
September 30, 2019
Official Report Release To Follow

Sample Criteria Exceedances Report

GCE19604 - ENVIROTR

Criteria: None

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Cooler: Yes [X] No [ ]
Coolant: IPK [X] ICE [ ] No [ ]
Temp 5.6°C Pg of

PHOENIX
Environmental Laboratories, Inc.

NY/NJ/PA CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Contact Options:
[ ] Phone:
[ ] Fax:
[X] Email: JeffB@Environtec.com

Customer: Environtec LTD
Address: 5 Old Dock Rd
Yaphank NY 11980

Project: 46-81 Metropolitan Ave, Ridgewood Project P.O:
Report to: Jeff Bohlen
Invoice to: Jeff Bohlen
QUOTE # :

This section MUST be completed with Bottle Quantities.

Sampler's Signature
Client Sample - Information - Identification
Date: 9/27/19

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe
OIL=Oil **B**=Bulk **L**=Liquid

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOC's CP-51	SVOC's CP-51	GL Amber 8 oz. w/H3PO4	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL NaOH 250ml	PL HNO3 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
19604	East Sidewall #2	S	9/27/19	12:08	X	X				3	1							
19605	East Sidewall #3	S	9/27/19	12:15	X	X				3	1							

Relinquished by:	Accepted by:	Date:	Time:
		9/27/19	12:30
	Kristal Hall	9-27-19	15:20

Comments, Special Requirements or Regulations:
24 hr turnaround

Data Format:
[ ] Phoenix Std Report [ ] EQuIS
[ ] Excel [ ] NJ Hazsite EDD
[ ] PDF [ ] NY EZ EDD (ASP)
[ ] GIS/Key [ ] Other

Turnaround:
[X] 1 Day*
[ ] 2 Days*
[ ] 3 Days*
[ ] 5 Days
[ ] 10 Days
[ ] Other
* SURCHARGE

Data Package:
[ ] NJ Reduced Deliv. * [ ] Other
[ ] NY Enhanced (ASP B) *

NJ
[ ] Res. Criteria
[ ] Non-Res. Criteria
[ ] Impact to GW Soil Cleanup Criteria
[ ] Impact to GW soil screen Criteria
[ ] GW Criteria

NY
[ ] TOGS GW
[ ] CP-51 SOIL
[ ] 375SCO Unrestricted Soil
[ ] 375SCO Residential Soil
[ ] 375SCO Residential
[ ] 375SCO Commercial Soil
[ ] 375SCO Industrial Soil
[ ] Subpart 5 DW

PA
[ ] Clean Fill Limits
[ ] PA-GW
[ ] Reg Fill Limits
[ ] PA Soil Restricted
[ ] PA Soil non-restricted

State Samples Collected?
NY

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 10, 2019

FOR: Attn: Mr. Jeff Bohlen
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		10/09/19	13:00
Location Code:	ENVIROTR	Received by:	B	10/09/19	16:36
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCE30091
Phoenix ID: CE30091

Project ID: 46-81 METROPOLITAN AVE RIDGEWOOD
Client ID: UST WEST SIDE WALL #1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	87		%		10/09/19	VT	SW846-%Solid
Soil Extraction SVOA PAH	Completed				10/09/19	AT/R/UL	SW3545A
Volatiles- STARS/CP-51							
1,2,4-Trimethylbenzene	ND	0.94	ug/Kg	1	10/10/19	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	0.94	ug/Kg	1	10/10/19	JLI	SW8260C
Benzene	ND	1.9	ug/Kg	1	10/10/19	JLI	SW8260C
Ethylbenzene	ND	1.9	ug/Kg	1	10/10/19	JLI	SW8260C
Isopropylbenzene	1.0	0.94	ug/Kg	1	10/10/19	JLI	SW8260C
m&p-Xylene	ND	1.9	ug/Kg	1	10/10/19	JLI	SW8260C
Methyl t-Butyl Ether (MTBE)	2.6	0.94	ug/Kg	1	10/10/19	JLI	SW8260C
Naphthalene	11	0.94	ug/Kg	1	10/10/19	JLI	SW8260C
n-Butylbenzene	5.1	0.94	ug/Kg	1	10/10/19	JLI	SW8260C
n-Propylbenzene	1.6	0.94	ug/Kg	1	10/10/19	JLI	SW8260C
o-Xylene	ND	1.9	ug/Kg	1	10/10/19	JLI	SW8260C
p-Isopropyltoluene	ND	0.94	ug/Kg	1	10/10/19	JLI	SW8260C
sec-Butylbenzene	3.6	0.94	ug/Kg	1	10/10/19	JLI	SW8260C
tert-Butylbenzene	ND	0.94	ug/Kg	1	10/10/19	JLI	SW8260C
Toluene	ND	1.9	ug/Kg	1	10/10/19	JLI	SW8260C
Total Xylenes	ND	1.9	ug/Kg	1	10/10/19	JLI	SW8260C
QA/QC Surrogates							
% 1,2-Dichlorobenzene-d4	100		%	1	10/10/19	JLI	70 - 130 %
% Bromofluorobenzene	99		%	1	10/10/19	JLI	70 - 130 %
% Dibromofluoromethane	93		%	1	10/10/19	JLI	70 - 130 %
% Toluene-d8	96		%	1	10/10/19	JLI	70 - 130 %
Semivolatiles-STARS/CP-51							
Acenaphthene	ND	260	ug/Kg	1	10/10/19	WB	SW8270D

Project ID: 46-81 METROPOLITAN AVE RIDGEWOOD
Client ID: UST WEST SIDE WALL #1

Phoenix I.D.: CE30091

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Acenaphthylene	ND	260	ug/Kg	1	10/10/19	WB	SW8270D	
Anthracene	ND	260	ug/Kg	1	10/10/19	WB	SW8270D	
Benz(a)anthracene	ND	260	ug/Kg	1	10/10/19	WB	SW8270D	
Benzo(a)pyrene	ND	260	ug/Kg	1	10/10/19	WB	SW8270D	
Benzo(b)fluoranthene	ND	260	ug/Kg	1	10/10/19	WB	SW8270D	
Benzo(ghi)perylene	ND	260	ug/Kg	1	10/10/19	WB	SW8270D	
Benzo(k)fluoranthene	ND	260	ug/Kg	1	10/10/19	WB	SW8270D	
Chrysene	ND	260	ug/Kg	1	10/10/19	WB	SW8270D	
Dibenz(a,h)anthracene	ND	260	ug/Kg	1	10/10/19	WB	SW8270D	
Fluoranthene	ND	260	ug/Kg	1	10/10/19	WB	SW8270D	
Fluorene	ND	260	ug/Kg	1	10/10/19	WB	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	260	ug/Kg	1	10/10/19	WB	SW8270D	
Naphthalene	ND	260	ug/Kg	1	10/10/19	WB	SW8270D	
Phenanthrene	ND	260	ug/Kg	1	10/10/19	WB	SW8270D	
Pyrene	ND	260	ug/Kg	1	10/10/19	WB	SW8270D	
QA/QC Surrogates								
% 2-Fluorobiphenyl	30		%	1	10/10/19	WB	30 - 130 %	
% Nitrobenzene-d5	12		%	1	10/10/19	WB	30 - 130 %	3
% Terphenyl-d14	38		%	1	10/10/19	WB	30 - 130 %	

3 = This parameter exceeds laboratory specified limits.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Semi-Volatile Comment:
Poor surrogate recovery was observed for one acid and/or one base surrogate. The other surrogates associated with this sample were within QA/QC criteria. No significant bias suspected.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
October 10, 2019
Official Report Release To Follow

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 10, 2019

FOR: Attn: Mr. Jeff Bohlen
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		10/09/19	13:15
Location Code:	ENVIROTR	Received by:	B	10/09/19	16:36
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCE30091
Phoenix ID: CE30092

Project ID: 46-81 METROPOLITAN AVE RIDGEWOOD
Client ID: UST WEST SIDE WALL #2

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	86		%		10/09/19	VT	SW846-%Solid
Soil Extraction SVOA PAH	Completed				10/09/19	AT/R/UL	SW3545A
Volatiles- STARS/CP-51							
1,2,4-Trimethylbenzene	5.6	0.84	ug/Kg	1	10/10/19	JLI	SW8260C
1,3,5-Trimethylbenzene	5.9	0.84	ug/Kg	1	10/10/19	JLI	SW8260C
Benzene	18	1.7	ug/Kg	1	10/10/19	JLI	SW8260C
Ethylbenzene	1.8	1.7	ug/Kg	1	10/10/19	JLI	SW8260C
Isopropylbenzene	13	0.84	ug/Kg	1	10/10/19	JLI	SW8260C
m&p-Xylene	8.6	1.7	ug/Kg	1	10/10/19	JLI	SW8260C
Methyl t-Butyl Ether (MTBE)	3.9	0.84	ug/Kg	1	10/10/19	JLI	SW8260C
Naphthalene	150	100	ug/Kg	50	10/10/19	JLI	SW8260C
n-Butylbenzene	7.4	0.84	ug/Kg	1	10/10/19	JLI	SW8260C
n-Propylbenzene	13	0.84	ug/Kg	1	10/10/19	JLI	SW8260C
o-Xylene	3.3	1.7	ug/Kg	1	10/10/19	JLI	SW8260C
p-Isopropyltoluene	3.6	0.84	ug/Kg	1	10/10/19	JLI	SW8260C
sec-Butylbenzene	13	0.84	ug/Kg	1	10/10/19	JLI	SW8260C
tert-Butylbenzene	2.0	0.84	ug/Kg	1	10/10/19	JLI	SW8260C
Toluene	2.0	1.7	ug/Kg	1	10/10/19	JLI	SW8260C
Total Xylenes	11.9	1.7	ug/Kg	1	10/10/19	JLI	SW8260C
QA/QC Surrogates							
% 1,2-Dichlorobenzene-d4	98		%	1	10/10/19	JLI	70 - 130 %
% Bromofluorobenzene	93		%	1	10/10/19	JLI	70 - 130 %
% Dibromofluoromethane	95		%	1	10/10/19	JLI	70 - 130 %
% Toluene-d8	97		%	1	10/10/19	JLI	70 - 130 %
% 1,2-Dichlorobenzene-d4 (50x)	100		%	50	10/10/19	JLI	70 - 130 %
% Bromofluorobenzene (50x)	98		%	50	10/10/19	JLI	70 - 130 %
% Dibromofluoromethane (50x)	93		%	50	10/10/19	JLI	70 - 130 %

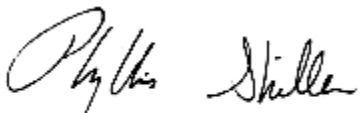
Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8 (50x)	98		%	50	10/10/19	JLI	70 - 130 %
Semivolatiles-STARS/CP-51							
Acenaphthene	ND	270	ug/Kg	1	10/10/19	WB	SW8270D
Acenaphthylene	ND	270	ug/Kg	1	10/10/19	WB	SW8270D
Anthracene	ND	270	ug/Kg	1	10/10/19	WB	SW8270D
Benz(a)anthracene	ND	270	ug/Kg	1	10/10/19	WB	SW8270D
Benzo(a)pyrene	ND	270	ug/Kg	1	10/10/19	WB	SW8270D
Benzo(b)fluoranthene	ND	270	ug/Kg	1	10/10/19	WB	SW8270D
Benzo(ghi)perylene	ND	270	ug/Kg	1	10/10/19	WB	SW8270D
Benzo(k)fluoranthene	ND	270	ug/Kg	1	10/10/19	WB	SW8270D
Chrysene	ND	270	ug/Kg	1	10/10/19	WB	SW8270D
Dibenz(a,h)anthracene	ND	270	ug/Kg	1	10/10/19	WB	SW8270D
Fluoranthene	ND	270	ug/Kg	1	10/10/19	WB	SW8270D
Fluorene	ND	270	ug/Kg	1	10/10/19	WB	SW8270D
Indeno(1,2,3-cd)pyrene	ND	270	ug/Kg	1	10/10/19	WB	SW8270D
Naphthalene	ND	270	ug/Kg	1	10/10/19	WB	SW8270D
Phenanthrene	ND	270	ug/Kg	1	10/10/19	WB	SW8270D
Pyrene	ND	270	ug/Kg	1	10/10/19	WB	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	99		%	1	10/10/19	WB	30 - 130 %
% Nitrobenzene-d5	71		%	1	10/10/19	WB	30 - 130 %
% Terphenyl-d14	66		%	1	10/10/19	WB	30 - 130 %

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
October 10, 2019
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 10, 2019

FOR: Attn: Mr. Jeff Bohlen
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		10/09/19	13:30
Location Code:	ENVIROTR	Received by:	B	10/09/19	16:36
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCE30091
Phoenix ID: CE30093

Project ID: 46-81 METROPOLITAN AVE RIDGEWOOD
Client ID: UST WEST SIDE WALL #3

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	86		%		10/09/19	VT	SW846-%Solid
Soil Extraction SVOA PAH	Completed				10/09/19	AT/R/UL	SW3545A
Volatiles- STARS/CP-51							
1,2,4-Trimethylbenzene	120	0.88	ug/Kg	1	10/10/19	JLI	SW8260C
1,3,5-Trimethylbenzene	140	0.88	ug/Kg	1	10/10/19	JLI	SW8260C
Benzene	26	1.8	ug/Kg	1	10/10/19	JLI	SW8260C
Ethylbenzene	45	1.8	ug/Kg	1	10/10/19	JLI	SW8260C
Isopropylbenzene	41	0.88	ug/Kg	1	10/10/19	JLI	SW8260C
m&p-Xylene	53	1.8	ug/Kg	1	10/10/19	JLI	SW8260C
Methyl t-Butyl Ether (MTBE)	4.3	0.88	ug/Kg	1	10/10/19	JLI	SW8260C
Naphthalene	260	99	ug/Kg	50	10/10/19	JLI	SW8260C
n-Butylbenzene	41	0.88	ug/Kg	1	10/10/19	JLI	SW8260C
n-Propylbenzene	80	0.88	ug/Kg	1	10/10/19	JLI	SW8260C
o-Xylene	12	1.8	ug/Kg	1	10/10/19	JLI	SW8260C
p-Isopropyltoluene	19	0.88	ug/Kg	1	10/10/19	JLI	SW8260C
sec-Butylbenzene	31	0.88	ug/Kg	1	10/10/19	JLI	SW8260C
tert-Butylbenzene	1.9	0.88	ug/Kg	1	10/10/19	JLI	SW8260C
Toluene	6.6	1.8	ug/Kg	1	10/10/19	JLI	SW8260C
Total Xylenes	65.0	1.8	ug/Kg	1	10/10/19	JLI	SW8260C
QA/QC Surrogates							
% 1,2-Dichlorobenzene-d4	100		%	1	10/10/19	JLI	70 - 130 %
% Bromofluorobenzene	93		%	1	10/10/19	JLI	70 - 130 %
% Dibromofluoromethane	94		%	1	10/10/19	JLI	70 - 130 %
% Toluene-d8	95		%	1	10/10/19	JLI	70 - 130 %
% 1,2-Dichlorobenzene-d4 (50x)	99		%	50	10/10/19	JLI	70 - 130 %
% Bromofluorobenzene (50x)	96		%	50	10/10/19	JLI	70 - 130 %
% Dibromofluoromethane (50x)	90		%	50	10/10/19	JLI	70 - 130 %

Project ID: 46-81 METROPOLITAN AVE RIDGEWOOD
Client ID: UST WEST SIDE WALL #3

Phoenix I.D.: CE30093

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
% Toluene-d8 (50x)	99		%	50	10/10/19	JLI	70 - 130 %	
Semivolatiles-STARS/CP-51								
Acenaphthene	ND	270	ug/Kg	1	10/10/19	WB	SW8270D	
Acenaphthylene	ND	270	ug/Kg	1	10/10/19	WB	SW8270D	
Anthracene	ND	270	ug/Kg	1	10/10/19	WB	SW8270D	
Benz(a)anthracene	ND	270	ug/Kg	1	10/10/19	WB	SW8270D	
Benzo(a)pyrene	ND	270	ug/Kg	1	10/10/19	WB	SW8270D	
Benzo(b)fluoranthene	ND	270	ug/Kg	1	10/10/19	WB	SW8270D	
Benzo(ghi)perylene	ND	270	ug/Kg	1	10/10/19	WB	SW8270D	
Benzo(k)fluoranthene	ND	270	ug/Kg	1	10/10/19	WB	SW8270D	
Chrysene	ND	270	ug/Kg	1	10/10/19	WB	SW8270D	
Dibenz(a,h)anthracene	ND	270	ug/Kg	1	10/10/19	WB	SW8270D	
Fluoranthene	ND	270	ug/Kg	1	10/10/19	WB	SW8270D	
Fluorene	ND	270	ug/Kg	1	10/10/19	WB	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	270	ug/Kg	1	10/10/19	WB	SW8270D	
Naphthalene	ND	270	ug/Kg	1	10/10/19	WB	SW8270D	
Phenanthrene	290	270	ug/Kg	1	10/10/19	WB	SW8270D	
Pyrene	ND	270	ug/Kg	1	10/10/19	WB	SW8270D	
QA/QC Surrogates								
% 2-Fluorobiphenyl	64		%	1	10/10/19	WB	30 - 130 %	
% Nitrobenzene-d5	49		%	1	10/10/19	WB	30 - 130 %	
% Terphenyl-d14	28		%	1	10/10/19	WB	30 - 130 %	3

3 = This parameter exceeds laboratory specified limits.

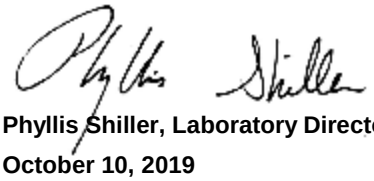
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Semi-Volatile Comment:
Poor surrogate recovery was observed for one acid and/or one base surrogate. The other surrogates associated with this sample were within QA/QC criteria. No significant bias suspected.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
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Phyllis Shiller, Laboratory Director
October 10, 2019
Official Report Release To Follow

Sample Criteria Exceedances Report

GCE30091 - ENVIROTR

Criteria: None

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Cooler: Yes ☒ No ☐
Coolant: IPK ☒ ICE ☐ No ☐

PHOENIX
Environmental Laboratories, Inc.

NY/NJ/PA CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 4°C Pg of

Contact Options:
☐ Phone:
☐ Fax:
☒ Email: JeffB@Envirotrac.com

Customer: Envirotrac
Address: 5 old Dock Rd
Yaphank NY 11980

Project: 46-81 Metropolitan Ave Ridgewood
Report to: Jeff Bonten
Invoice to: Jeff Bonten
QUOTE # :
Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature
Date: 10/9/19

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe
OIL=Oil **B**=Bulk **L**=Liquid

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs CP-51	SVOCs CP-51	GL Amber 8 oz. w/H3PO4	Soil VOA Vials ( ) methanol (☒) H2O	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml [ ] 500ml	PL NAOH 250ml	PL HNO3 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
30091	UST west side wall #1		10/9/19	13:00	X	X			3	1								
30092	UST west side wall #2		10/9/19	13:15	X	X			3	1								
30093	UST west side wall #3		10/9/19	13:30	X	X			3	1								

Relinquished by:	Accepted by:	Date:	Time:
		10/9/19	13:45
		10/9/19	14:36

Turnaround:
☒ 1 Day*
☐ 2 Days*
☐ 3 Days*
☐ 5 Days
☐ 10 Days
☐ Other
* SURCHARGE

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ Impact to GW soil screen Criteria
☐ GW Criteria

NY
☐ TOGS GW
☐ CP-51 SOIL
☐ 375SCO Unrestricted Soil
☐ 375SCO Residential Soil
☐ 375SCO Residential
☐ 375SCO Commercial Soil
☐ 375SCO Industrial Soil
☐ Subpart 5 DW

PA
☐ Clean Fill Limits
☐ PA-GW
☐ Reg Fill Limits
☐ PA Soil Restricted
☐ PA Soil non-restricted

State Samples Collected?
NY

Comments, Special Requirements or Regulations:
24 hr turn around

Data Format:
☐ Phoenix Std Report ☐ EQuIS
☐ Excel ☐ NJ Hazsite EDD
☐ PDF ☐ NY EZ EDD (ASP)
☐ GIS/Key ☐ Other

Data Package:
☐ NJ Reduced Deliv. * ☐ Other
☐ NY Enhanced (ASP B) *

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 16, 2019

FOR: Attn: Mr. Jeff Bohlen
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		10/15/19	10:15
Location Code:	ENVIROTR	Received by:	LB	10/15/19	16:20
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCE40956
Phoenix ID: CE40956

Project ID: 46-81 METROPOLITAN AVE.
Client ID: UST EAST SIDEWALL #1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	81		%		10/15/19	VT	SW846-%Solid
Soil Extraction SVOA PAH	Completed				10/15/19	KK/UE	SW3545A
Volatiles- STARS/CP-51							
1,2,4-Trimethylbenzene	460	220	ug/Kg	50	10/16/19	JLI	SW8260C
1,3,5-Trimethylbenzene	250	220	ug/Kg	50	10/16/19	JLI	SW8260C
Benzene	2.0	1.9	ug/Kg	1	10/16/19	JLI	SW8260C
Ethylbenzene	2.1	1.9	ug/Kg	1	10/16/19	JLI	SW8260C
Isopropylbenzene	3.2	0.96	ug/Kg	1	10/16/19	JLI	SW8260C
m&p-Xylene	460	430	ug/Kg	50	10/16/19	JLI	SW8260C
Methyl t-Butyl Ether (MTBE)	ND	0.96	ug/Kg	1	10/16/19	JLI	SW8260C
Naphthalene	430	220	ug/Kg	50	10/16/19	JLI	SW8260C
n-Butylbenzene	1.3	0.96	ug/Kg	1	10/16/19	JLI	SW8260C
n-Propylbenzene	4.5	0.96	ug/Kg	1	10/16/19	JLI	SW8260C
o-Xylene	3.7	1.9	ug/Kg	1	10/16/19	JLI	SW8260C
p-Isopropyltoluene	ND	0.96	ug/Kg	1	10/16/19	JLI	SW8260C
sec-Butylbenzene	1.7	0.96	ug/Kg	1	10/16/19	JLI	SW8260C
tert-Butylbenzene	ND	0.96	ug/Kg	1	10/16/19	JLI	SW8260C
Toluene	2.0	1.9	ug/Kg	1	10/16/19	JLI	SW8260C
Total Xylenes	463.7	1.9	ug/Kg	1	10/16/19	JLI	SW8260C
QA/QC Surrogates							
% 1,2-Dichlorobenzene-d4	96		%	1	10/16/19	JLI	70 - 130 %
% Bromofluorobenzene	96		%	1	10/16/19	JLI	70 - 130 %
% Dibromofluoromethane	100		%	1	10/16/19	JLI	70 - 130 %
% Toluene-d8	95		%	1	10/16/19	JLI	70 - 130 %
% 1,2-Dichlorobenzene-d4 (50x)	100		%	50	10/16/19	JLI	70 - 130 %
% Bromofluorobenzene (50x)	98		%	50	10/16/19	JLI	70 - 130 %
% Dibromofluoromethane (50x)	102		%	50	10/16/19	JLI	70 - 130 %

Project ID: 46-81 METROPOLITAN AVE.
Client ID: UST EAST SIDEWALL #1

Phoenix I.D.: CE40956

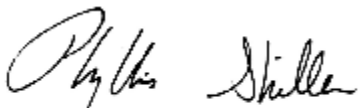
Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8 (50x)	94		%	50	10/16/19	JLI	70 - 130 %
Semivolatiles-STARS/CP-51							
Acenaphthene	ND	290	ug/Kg	1	10/16/19	WB	SW8270D
Acenaphthylene	ND	290	ug/Kg	1	10/16/19	WB	SW8270D
Anthracene	450	290	ug/Kg	1	10/16/19	WB	SW8270D
Benz(a)anthracene	1700	290	ug/Kg	1	10/16/19	WB	SW8270D
Benzo(a)pyrene	1500	290	ug/Kg	1	10/16/19	WB	SW8270D
Benzo(b)fluoranthene	1200	290	ug/Kg	1	10/16/19	WB	SW8270D
Benzo(ghi)perylene	700	290	ug/Kg	1	10/16/19	WB	SW8270D
Benzo(k)fluoranthene	1600	290	ug/Kg	1	10/16/19	WB	SW8270D
Chrysene	1800	290	ug/Kg	1	10/16/19	WB	SW8270D
Dibenz(a,h)anthracene	290	290	ug/Kg	1	10/16/19	WB	SW8270D
Fluoranthene	3200	290	ug/Kg	1	10/16/19	WB	SW8270D
Fluorene	ND	290	ug/Kg	1	10/16/19	WB	SW8270D
Indeno(1,2,3-cd)pyrene	790	290	ug/Kg	1	10/16/19	WB	SW8270D
Naphthalene	ND	290	ug/Kg	1	10/16/19	WB	SW8270D
Phenanthrene	2300	290	ug/Kg	1	10/16/19	WB	SW8270D
Pyrene	2700	290	ug/Kg	1	10/16/19	WB	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	54		%	1	10/16/19	WB	30 - 130 %
% Nitrobenzene-d5	55		%	1	10/16/19	WB	30 - 130 %
% Terphenyl-d14	44		%	1	10/16/19	WB	30 - 130 %

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
October 16, 2019
Official Report Release To Follow

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 16, 2019

FOR: Attn: Mr. Jeff Bohlen
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		10/15/19	10:30
Location Code:	ENVIROTR	Received by:	LB	10/15/19	16:20
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCE40956
Phoenix ID: CE40957

Project ID: 46-81 METROPOLITAN AVE.
Client ID: UST EAST SIDEWALL #2

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	77		%		10/15/19	VT	SW846-%Solid
Soil Extraction SVOA PAH	Completed				10/15/19	KK/UE	SW3545A
Volatiles- STARS/CP-51							
1,2,4-Trimethylbenzene	ND	1.0	ug/Kg	1	10/16/19	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	ug/Kg	1	10/16/19	JLI	SW8260C
Benzene	ND	2.0	ug/Kg	1	10/16/19	JLI	SW8260C
Ethylbenzene	ND	2.0	ug/Kg	1	10/16/19	JLI	SW8260C
Isopropylbenzene	ND	1.0	ug/Kg	1	10/16/19	JLI	SW8260C
m&p-Xylene	ND	2.0	ug/Kg	1	10/16/19	JLI	SW8260C
Methyl t-Butyl Ether (MTBE)	ND	1.0	ug/Kg	1	10/16/19	JLI	SW8260C
Naphthalene	ND	1.0	ug/Kg	1	10/16/19	JLI	SW8260C
n-Butylbenzene	ND	1.0	ug/Kg	1	10/16/19	JLI	SW8260C
n-Propylbenzene	ND	1.0	ug/Kg	1	10/16/19	JLI	SW8260C
o-Xylene	ND	2.0	ug/Kg	1	10/16/19	JLI	SW8260C
p-Isopropyltoluene	ND	1.0	ug/Kg	1	10/16/19	JLI	SW8260C
sec-Butylbenzene	ND	1.0	ug/Kg	1	10/16/19	JLI	SW8260C
tert-Butylbenzene	ND	1.0	ug/Kg	1	10/16/19	JLI	SW8260C
Toluene	ND	2.0	ug/Kg	1	10/16/19	JLI	SW8260C
Total Xylenes	ND	2.0	ug/Kg	1	10/16/19	JLI	SW8260C
QA/QC Surrogates							
% 1,2-Dichlorobenzene-d4	92		%	1	10/16/19	JLI	70 - 130 %
% Bromofluorobenzene	98		%	1	10/16/19	JLI	70 - 130 %
% Dibromofluoromethane	96		%	1	10/16/19	JLI	70 - 130 %
% Toluene-d8	96		%	1	10/16/19	JLI	70 - 130 %
Semivolatiles-STARS/CP-51							
Acenaphthene	ND	300	ug/Kg	1	10/16/19	WB	SW8270D

Project ID: 46-81 METROPOLITAN AVE.
Client ID: UST EAST SIDEWALL #2

Phoenix I.D.: CE40957

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Acenaphthylene	ND	300	ug/Kg	1	10/16/19	WB	SW8270D	
Anthracene	ND	300	ug/Kg	1	10/16/19	WB	SW8270D	
Benz(a)anthracene	570	300	ug/Kg	1	10/16/19	WB	SW8270D	
Benzo(a)pyrene	620	300	ug/Kg	1	10/16/19	WB	SW8270D	
Benzo(b)fluoranthene	560	300	ug/Kg	1	10/16/19	WB	SW8270D	
Benzo(ghi)perylene	360	300	ug/Kg	1	10/16/19	WB	SW8270D	
Benzo(k)fluoranthene	530	300	ug/Kg	1	10/16/19	WB	SW8270D	
Chrysene	580	300	ug/Kg	1	10/16/19	WB	SW8270D	
Dibenz(a,h)anthracene	ND	300	ug/Kg	1	10/16/19	WB	SW8270D	
Fluoranthene	1200	300	ug/Kg	1	10/16/19	WB	SW8270D	
Fluorene	ND	300	ug/Kg	1	10/16/19	WB	SW8270D	
Indeno(1,2,3-cd)pyrene	390	300	ug/Kg	1	10/16/19	WB	SW8270D	
Naphthalene	ND	300	ug/Kg	1	10/16/19	WB	SW8270D	
Phenanthrene	950	300	ug/Kg	1	10/16/19	WB	SW8270D	
Pyrene	1100	300	ug/Kg	1	10/16/19	WB	SW8270D	
QA/QC Surrogates								
% 2-Fluorobiphenyl	53		%	1	10/16/19	WB	30 - 130 %	
% Nitrobenzene-d5	27		%	1	10/16/19	WB	30 - 130 %	3
% Terphenyl-d14	50		%	1	10/16/19	WB	30 - 130 %	

3 = This parameter exceeds laboratory specified limits.

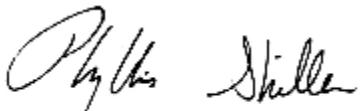
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Semi-Volatile Comment:
Poor surrogate recovery was observed for one acid and/or one base surrogate. The other surrogates associated with this sample were within QA/QC criteria. No significant bias suspected.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
October 16, 2019
Official Report Release To Follow

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 16, 2019

FOR: Attn: Mr. Jeff Bohlen
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		10/15/19	10:45
Location Code:	ENVIROTR	Received by:	LB	10/15/19	16:20
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCE40956
Phoenix ID: CE40958

Project ID: 46-81 METROPOLITAN AVE.
Client ID: UST EAST SIDEWALL #3

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Percent Solid	77		%		10/15/19	VT	SW846-%Solid	
Soil Extraction SVOA PAH	Completed				10/15/19	KK/UE	SW3545A	
Volatiles- STARS/CP-51								
1,2,4-Trimethylbenzene	ND	1.2	ug/Kg	1	10/16/19	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	1.2	ug/Kg	1	10/16/19	JLI	SW8260C	
Benzene	ND	2.3	ug/Kg	1	10/16/19	JLI	SW8260C	
Ethylbenzene	ND	2.3	ug/Kg	1	10/16/19	JLI	SW8260C	
Isopropylbenzene	ND	1.2	ug/Kg	1	10/16/19	JLI	SW8260C	
m&p-Xylene	ND	2.3	ug/Kg	1	10/16/19	JLI	SW8260C	
Methyl t-Butyl Ether (MTBE)	ND	1.2	ug/Kg	1	10/16/19	JLI	SW8260C	
Naphthalene	130	130	ug/Kg	50	10/16/19	JLI	SW8260C	
n-Butylbenzene	20	1.2	ug/Kg	1	10/16/19	JLI	SW8260C	
n-Propylbenzene	ND	1.2	ug/Kg	1	10/16/19	JLI	SW8260C	
o-Xylene	ND	2.3	ug/Kg	1	10/16/19	JLI	SW8260C	
p-Isopropyltoluene	ND	1.2	ug/Kg	1	10/16/19	JLI	SW8260C	
sec-Butylbenzene	17	1.2	ug/Kg	1	10/16/19	JLI	SW8260C	
tert-Butylbenzene	6.4	1.2	ug/Kg	1	10/16/19	JLI	SW8260C	
Toluene	ND	2.3	ug/Kg	1	10/16/19	JLI	SW8260C	
Total Xylenes	ND	2.3	ug/Kg	1	10/16/19	JLI	SW8260C	
QA/QC Surrogates								
% 1,2-Dichlorobenzene-d4	98		%	1	10/16/19	JLI	70 - 130 %	
% Bromofluorobenzene	142		%	1	10/16/19	JLI	70 - 130 %	3
% Dibromofluoromethane	104		%	1	10/16/19	JLI	70 - 130 %	
% Toluene-d8	96		%	1	10/16/19	JLI	70 - 130 %	
% 1,2-Dichlorobenzene-d4 (50x)	100		%	50	10/16/19	JLI	70 - 130 %	
% Bromofluorobenzene (50x)	89		%	50	10/16/19	JLI	70 - 130 %	
% Dibromofluoromethane (50x)	100		%	50	10/16/19	JLI	70 - 130 %	

Project ID: 46-81 METROPOLITAN AVE.
Client ID: UST EAST SIDEWALL #3

Phoenix I.D.: CE40958

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8 (50x)	98		%	50	10/16/19	JLI	70 - 130 %
Semivolatiles-STARS/CP-51							
Acenaphthene	ND	300	ug/Kg	1	10/16/19	WB	SW8270D
Acenaphthylene	ND	300	ug/Kg	1	10/16/19	WB	SW8270D
Anthracene	ND	300	ug/Kg	1	10/16/19	WB	SW8270D
Benz(a)anthracene	ND	300	ug/Kg	1	10/16/19	WB	SW8270D
Benzo(a)pyrene	ND	300	ug/Kg	1	10/16/19	WB	SW8270D
Benzo(b)fluoranthene	ND	300	ug/Kg	1	10/16/19	WB	SW8270D
Benzo(ghi)perylene	ND	300	ug/Kg	1	10/16/19	WB	SW8270D
Benzo(k)fluoranthene	ND	300	ug/Kg	1	10/16/19	WB	SW8270D
Chrysene	ND	300	ug/Kg	1	10/16/19	WB	SW8270D
Dibenz(a,h)anthracene	ND	300	ug/Kg	1	10/16/19	WB	SW8270D
Fluoranthene	ND	300	ug/Kg	1	10/16/19	WB	SW8270D
Fluorene	450	300	ug/Kg	1	10/16/19	WB	SW8270D
Indeno(1,2,3-cd)pyrene	ND	300	ug/Kg	1	10/16/19	WB	SW8270D
Naphthalene	ND	300	ug/Kg	1	10/16/19	WB	SW8270D
Phenanthrene	760	300	ug/Kg	1	10/16/19	WB	SW8270D
Pyrene	ND	300	ug/Kg	1	10/16/19	WB	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	62		%	1	10/16/19	WB	30 - 130 %
% Nitrobenzene-d5	55		%	1	10/16/19	WB	30 - 130 %
% Terphenyl-d14	57		%	1	10/16/19	WB	30 - 130 %

3 = This parameter exceeds laboratory specified limits.

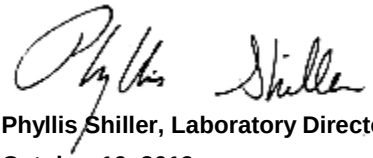
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
Elevated surrogate recovery was observed for volatiles due to matrix interference.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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Phyllis Shiller, Laboratory Director
October 16, 2019
Official Report Release To Follow

Sample Criteria Exceedances Report

GCE40956 - ENVIROTR

Criteria: None

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Cooler: Yes [X] No [ ]
Coolant: IPK [X] ICE [ ] No [ ]

PHOENIX
Environmental Laboratories, Inc.

NY/NJ/PA CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 1.9 °C Pg of

Contact Options:
[ ] Phone:
[ ] Fax:
[ ] Email: Jeff@enviroTAC.com

Customer: Envirotac
Address: 5 old Dock Rd
Yaphank NY 11980

Project: 46-81 metropolitan Ave Bidg Project P.O:
Report to: Jeff Bohlen
Invoice to: Jeff Bohlen
QUOTE # :

This section MUST be completed with Bottle Quantities.

Sampler's Signature: [signature] Date: 10/15/19

Client Sample - Information - Identification

Analysis Request

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe
OIL=Oil **B**=Bulk **L**=Liquid

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOC CP-51	SVOCs CP-51	GL Amber 8 oz w/H3PO4	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL NaOH 250ml	PL HNO3 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
40956	ust east side wall #1		10/15/19	10:15	X	X				3	1							
40957	ust east side wall #2		10/15/19	10:30	X	X				3	1							
40958	ust east side wall #3		10/15/19	10:45	X	X				3	1							

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	10/15/19	12:30
[signature]	[signature]	10-15-19	1020

Comments, Special Requirements or Regulations:

24 hr turn around

Data Format:
[ ] Phoenix Std Report [ ] EQuIS
[ ] Excel [ ] NJ Hazsite EDD
[ ] PDF [ ] NY EZ EDD (ASP)
[ ] GIS/Key [ ] Other

Turnaround:
[X] 1 Day*
[ ] 2 Days*
[ ] 3 Days*
[ ] 5 Days
[ ] 10 Days
[ ] Other
* SURCHARGE

Data Package:
[ ] NJ Reduced Deliv. * [ ] Other
[ ] NY Enhanced (ASP B) *

NJ
[ ] Res. Criteria
[ ] Non-Res. Criteria
[ ] Impact to GW Soil Cleanup Criteria
[ ] Impact to GW soil screen Criteria
[ ] GW Criteria

NY
[ ] TOGS GW
[ ] CP-51 SOIL
[ ] 375SCO Unrestricted Soil
[ ] 375SCO Residential Soil
[ ] 375SCO Residential
[ ] 375SCO Commercial Soil
[ ] 375SCO Industrial Soil
[ ] Subpart 5 DW

PA
[ ] Clean Fill Limits
[ ] PA-GW
[ ] Reg Fill Limits
[ ] PA Soil Restricted
[ ] PA Soil non-restricted

State Samples Collected?
NY

Wednesday, October 30, 2019

Attn: Jeff Bohlen
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Project ID: **46-81 METROPOLITAN AVE, RIDGEWOOD NY**
SDG ID: **GCE46217**
Sample ID#s: CE46217 - CE46223

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Sample Id Cross Reference

October 30, 2019

SDG I.D.: GCE46217

Project ID: 46-81 METROPOLITAN AVE, RIDGEWOOD NY

Client Id	Lab Id	Matrix
GP-A (3`-5`)	CE46217	SOIL
GP-B (3`-5`)	CE46218	SOIL
GP-C (3`-5`)	CE46219	SOIL
GP-D (3`-5`)	CE46220	SOIL
GP-E (3`-5`)	CE46221	SOIL
GP-F (3`-5`)	CE46222	SOIL
GP-G (3`-5`)	CE46223	SOIL

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 30, 2019

FOR: Attn: Jeff Bohlen
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		10/22/19	9:00
Location Code:	ENVIROTR	Received by:	CP	10/23/19	15:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCE46217
Phoenix ID: CE46217

Project ID: 46-81 METROPOLITAN AVE, RIDGEWOOD NY
Client ID: GP-A (3`-5`)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	83		%		10/23/19	VT	SW846-%Solid
Soil Extraction SVOA PAH	Completed				10/23/19	RR/E	SW3545A
Volatiles- STARS/CP-51							
1,2,4-Trimethylbenzene	ND	110	ug/Kg	50	10/26/19	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	110	ug/Kg	50	10/26/19	JLI	SW8260C
Benzene	ND	230	ug/Kg	50	10/26/19	JLI	SW8260C
Ethylbenzene	ND	230	ug/Kg	50	10/26/19	JLI	SW8260C
Isopropylbenzene	120	110	ug/Kg	50	10/26/19	JLI	SW8260C
m&p-Xylene	ND	230	ug/Kg	50	10/26/19	JLI	SW8260C
Methyl t-Butyl Ether (MTBE)	ND	110	ug/Kg	50	10/26/19	JLI	SW8260C
Naphthalene	ND	110	ug/Kg	50	10/26/19	JLI	SW8260C
n-Butylbenzene	1100	110	ug/Kg	50	10/26/19	JLI	SW8260C
n-Propylbenzene	130	110	ug/Kg	50	10/26/19	JLI	SW8260C
o-Xylene	ND	230	ug/Kg	50	10/26/19	JLI	SW8260C
p-Isopropyltoluene	ND	110	ug/Kg	50	10/26/19	JLI	SW8260C
sec-Butylbenzene	1900	110	ug/Kg	50	10/26/19	JLI	SW8260C
tert-Butylbenzene	330	110	ug/Kg	50	10/26/19	JLI	SW8260C
Toluene	ND	230	ug/Kg	50	10/26/19	JLI	SW8260C
Total Xylenes	ND	230	ug/Kg	50	10/26/19	JLI	SW8260C
QA/QC Surrogates							
% 1,2-Dichlorobenzene-d4 (50x)	100		%	50	10/26/19	JLI	70 - 130 %
% Bromofluorobenzene (50x)	119		%	50	10/26/19	JLI	70 - 130 %
% Dibromofluoromethane (50x)	96		%	50	10/26/19	JLI	70 - 130 %
% Toluene-d8 (50x)	101		%	50	10/26/19	JLI	70 - 130 %
Semivolatiles-STARS/CP-51							
Acenaphthene	2900	270	ug/Kg	1	10/24/19	WB	SW8270D

Project ID: 46-81 METROPOLITAN AVE, RIDGEWOOD NY
Client ID: GP-A (3`-5`)

Phoenix I.D.: CE46217

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acenaphthylene	ND	270	ug/Kg	1	10/24/19	WB	SW8270D
Anthracene	3400	270	ug/Kg	1	10/24/19	WB	SW8270D
Benz(a)anthracene	2000	270	ug/Kg	1	10/24/19	WB	SW8270D
Benzo(a)pyrene	1700	270	ug/Kg	1	10/24/19	WB	SW8270D
Benzo(b)fluoranthene	1500	270	ug/Kg	1	10/24/19	WB	SW8270D
Benzo(ghi)perylene	1100	270	ug/Kg	1	10/24/19	WB	SW8270D
Benzo(k)fluoranthene	1400	270	ug/Kg	1	10/24/19	WB	SW8270D
Chrysene	2300	270	ug/Kg	1	10/24/19	WB	SW8270D
Dibenz(a,h)anthracene	ND	270	ug/Kg	1	10/24/19	WB	SW8270D
Fluoranthene	4900	270	ug/Kg	1	10/24/19	WB	SW8270D
Fluorene	6000	270	ug/Kg	1	10/24/19	WB	SW8270D
Indeno(1,2,3-cd)pyrene	1200	270	ug/Kg	1	10/24/19	WB	SW8270D
Naphthalene	1200	270	ug/Kg	1	10/24/19	WB	SW8270D
Phenanthrene	7800	270	ug/Kg	1	10/24/19	WB	SW8270D
Pyrene	7600	270	ug/Kg	1	10/24/19	WB	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	86		%	1	10/24/19	WB	30 - 130 %
% Nitrobenzene-d5	84		%	1	10/24/19	WB	30 - 130 %
% Terphenyl-d14	80		%	1	10/24/19	WB	30 - 130 %

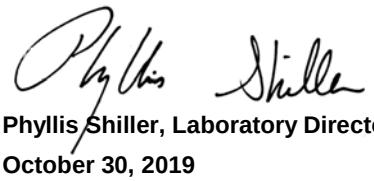
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
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Phyllis Shiller, Laboratory Director
October 30, 2019
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 30, 2019

FOR: Attn: Jeff Bohlen
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		10/22/19	10:15
Location Code:	ENVIROTR	Received by:	CP	10/23/19	15:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCE46217
Phoenix ID: CE46218

Project ID: 46-81 METROPOLITAN AVE, RIDGEWOOD NY
Client ID: GP-B (3`-5`)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	74		%		10/23/19	VT	SW846-%Solid
Soil Extraction SVOA PAH	Completed				10/24/19	MM/UL	SW3545A
Volatiles- STARS/CP-51							
1,2,4-Trimethylbenzene	ND	2900	ug/Kg	1000	10/24/19	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	2900	ug/Kg	1000	10/24/19	JLI	SW8260C
Benzene	ND	5800	ug/Kg	1000	10/24/19	JLI	SW8260C
Ethylbenzene	ND	5800	ug/Kg	1000	10/24/19	JLI	SW8260C
Isopropylbenzene	3300	2900	ug/Kg	1000	10/24/19	JLI	SW8260C
m&p-Xylene	ND	5800	ug/Kg	1000	10/24/19	JLI	SW8260C
Methyl t-Butyl Ether (MTBE)	ND	2900	ug/Kg	1000	10/24/19	JLI	SW8260C
Naphthalene	ND	2900	ug/Kg	1000	10/24/19	JLI	SW8260C
n-Butylbenzene	6400	2900	ug/Kg	1000	10/24/19	JLI	SW8260C
n-Propylbenzene	3800	2900	ug/Kg	1000	10/24/19	JLI	SW8260C
o-Xylene	ND	5800	ug/Kg	1000	10/24/19	JLI	SW8260C
p-Isopropyltoluene	ND	2900	ug/Kg	1000	10/24/19	JLI	SW8260C
sec-Butylbenzene	9100	2900	ug/Kg	1000	10/24/19	JLI	SW8260C
tert-Butylbenzene	ND	2900	ug/Kg	1000	10/24/19	JLI	SW8260C
Toluene	ND	5800	ug/Kg	1000	10/24/19	JLI	SW8260C
Total Xylenes	ND	5800	ug/Kg	1000	10/24/19	JLI	SW8260C
QA/QC Surrogates							
% 1,2-Dichlorobenzene-d4 (1000x)	99		%	1000	10/24/19	JLI	70 - 130 %
% Bromofluorobenzene (1000x)	103		%	1000	10/24/19	JLI	70 - 130 %
% Dibromofluoromethane (1000x)	99		%	1000	10/24/19	JLI	70 - 130 %
% Toluene-d8 (1000x)	99		%	1000	10/24/19	JLI	70 - 130 %
Semivolatiles-STARS/CP-51							
Acenaphthene	2800	310	ug/Kg	1	10/25/19	WB	SW8270D

Project ID: 46-81 METROPOLITAN AVE, RIDGEWOOD NY
Client ID: GP-B (3`-5`)

Phoenix I.D.: CE46218

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acenaphthylene	ND	310	ug/Kg	1	10/25/19	WB	SW8270D
Anthracene	1300	310	ug/Kg	1	10/25/19	WB	SW8270D
Benz(a)anthracene	360	310	ug/Kg	1	10/25/19	WB	SW8270D
Benzo(a)pyrene	ND	310	ug/Kg	1	10/25/19	WB	SW8270D
Benzo(b)fluoranthene	ND	310	ug/Kg	1	10/25/19	WB	SW8270D
Benzo(ghi)perylene	ND	310	ug/Kg	1	10/25/19	WB	SW8270D
Benzo(k)fluoranthene	ND	310	ug/Kg	1	10/25/19	WB	SW8270D
Chrysene	470	310	ug/Kg	1	10/25/19	WB	SW8270D
Dibenz(a,h)anthracene	ND	310	ug/Kg	1	10/25/19	WB	SW8270D
Fluoranthene	930	310	ug/Kg	1	10/25/19	WB	SW8270D
Fluorene	5300	310	ug/Kg	1	10/25/19	WB	SW8270D
Indeno(1,2,3-cd)pyrene	ND	310	ug/Kg	1	10/25/19	WB	SW8270D
Naphthalene	ND	310	ug/Kg	1	10/25/19	WB	SW8270D
Phenanthrene	13000	3100	ug/Kg	10	10/25/19	WB	SW8270D
Pyrene	2100	310	ug/Kg	1	10/25/19	WB	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	43		%	1	10/25/19	WB	30 - 130 %
% Nitrobenzene-d5	43		%	1	10/25/19	WB	30 - 130 %
% Terphenyl-d14	31		%	1	10/25/19	WB	30 - 130 %
% 2-Fluorobiphenyl (10x)	Diluted Out		%	10	10/25/19	WB	30 - 130 %
% Nitrobenzene-d5 (10x)	Diluted Out		%	10	10/25/19	WB	30 - 130 %
% Terphenyl-d14 (10x)	Diluted Out		%	10	10/25/19	WB	30 - 130 %

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
Elevated reporting limits for volatiles due to the presence of non-target compounds.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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Phyllis Shiller, Laboratory Director
October 30, 2019
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 30, 2019

FOR: Attn: Jeff Bohlen
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		10/22/19	10:45
Location Code:	ENVIROTR	Received by:	CP	10/23/19	15:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCE46217
Phoenix ID: CE46219

Project ID: 46-81 METROPOLITAN AVE, RIDGEWOOD NY
Client ID: GP-C (3`-5`)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	70		%		10/23/19	VT	SW846-%Solid
Soil Extraction SVOA PAH	Completed				10/23/19	RR/E	SW3545A
Volatiles- STARS/CP-51							
1,2,4-Trimethylbenzene	ND	210	ug/Kg	50	10/24/19	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	210	ug/Kg	50	10/24/19	JLI	SW8260C
Benzene	ND	430	ug/Kg	50	10/24/19	JLI	SW8260C
Ethylbenzene	ND	430	ug/Kg	50	10/24/19	JLI	SW8260C
Isopropylbenzene	260	210	ug/Kg	50	10/24/19	JLI	SW8260C
m&p-Xylene	ND	430	ug/Kg	50	10/24/19	JLI	SW8260C
Methyl t-Butyl Ether (MTBE)	ND	210	ug/Kg	50	10/24/19	JLI	SW8260C
Naphthalene	730	210	ug/Kg	50	10/24/19	JLI	SW8260C
n-Butylbenzene	610	210	ug/Kg	50	10/24/19	JLI	SW8260C
n-Propylbenzene	ND	210	ug/Kg	50	10/24/19	JLI	SW8260C
o-Xylene	ND	430	ug/Kg	50	10/24/19	JLI	SW8260C
p-Isopropyltoluene	220	210	ug/Kg	50	10/24/19	JLI	SW8260C
sec-Butylbenzene	1100	210	ug/Kg	50	10/24/19	JLI	SW8260C
tert-Butylbenzene	340	210	ug/Kg	50	10/24/19	JLI	SW8260C
Toluene	ND	430	ug/Kg	50	10/24/19	JLI	SW8260C
Total Xylenes	ND	430	ug/Kg	50	10/24/19	JLI	SW8260C
QA/QC Surrogates							
% 1,2-Dichlorobenzene-d4 (50x)	97		%	50	10/24/19	JLI	70 - 130 %
% Bromofluorobenzene (50x)	110		%	50	10/24/19	JLI	70 - 130 %
% Dibromofluoromethane (50x)	96		%	50	10/24/19	JLI	70 - 130 %
% Toluene-d8 (50x)	99		%	50	10/24/19	JLI	70 - 130 %
Semivolatiles-STARS/CP-51							
Acenaphthene	2900	320	ug/Kg	1	10/24/19	WB	SW8270D

Project ID: 46-81 METROPOLITAN AVE, RIDGEWOOD NY
Client ID: GP-C (3`-5`)

Phoenix I.D.: CE46219

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acenaphthylene	710	320	ug/Kg	1	10/24/19	WB	SW8270D
Anthracene	6300	320	ug/Kg	1	10/24/19	WB	SW8270D
Benz(a)anthracene	22000	3200	ug/Kg	10	10/24/19	WB	SW8270D
Benzo(a)pyrene	19000	3200	ug/Kg	10	10/24/19	WB	SW8270D
Benzo(b)fluoranthene	18000	3200	ug/Kg	10	10/24/19	WB	SW8270D
Benzo(ghi)perylene	12000	3200	ug/Kg	10	10/24/19	WB	SW8270D
Benzo(k)fluoranthene	16000	3200	ug/Kg	10	10/24/19	WB	SW8270D
Chrysene	21000	3200	ug/Kg	10	10/24/19	WB	SW8270D
Dibenz(a,h)anthracene	4600	320	ug/Kg	1	10/24/19	WB	SW8270D
Fluoranthene	46000	3200	ug/Kg	10	10/24/19	WB	SW8270D
Fluorene	4200	320	ug/Kg	1	10/24/19	WB	SW8270D
Indeno(1,2,3-cd)pyrene	14000	3200	ug/Kg	10	10/24/19	WB	SW8270D
Naphthalene	2200	320	ug/Kg	1	10/24/19	WB	SW8270D
Phenanthrene	33000	3200	ug/Kg	10	10/24/19	WB	SW8270D
Pyrene	39000	3200	ug/Kg	10	10/24/19	WB	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	67		%	1	10/24/19	WB	30 - 130 %
% Nitrobenzene-d5	71		%	1	10/24/19	WB	30 - 130 %
% Terphenyl-d14	74		%	1	10/24/19	WB	30 - 130 %
% 2-Fluorobiphenyl (10x)	Diluted Out		%	10	10/24/19	WB	30 - 130 %
% Nitrobenzene-d5 (10x)	Diluted Out		%	10	10/24/19	WB	30 - 130 %
% Terphenyl-d14 (10x)	Diluted Out		%	10	10/24/19	WB	30 - 130 %

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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Phyllis Shiller, Laboratory Director
October 30, 2019
Reviewed and Released by: Rashmi Makol, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 30, 2019

FOR: Attn: Jeff Bohlen
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		10/22/19	11:20
Location Code:	ENVIROTR	Received by:	CP	10/23/19	15:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCE46217
Phoenix ID: CE46220

Project ID: 46-81 METROPOLITAN AVE, RIDGEWOOD NY
Client ID: GP-D (3`-5`)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	73		%		10/23/19	VT	SW846-%Solid
Soil Extraction SVOA PAH	Completed				10/23/19	RR/E	SW3545A
Volatiles- STARS/CP-51							
1,2,4-Trimethylbenzene	ND	150	ug/Kg	50	10/24/19	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	150	ug/Kg	50	10/24/19	JLI	SW8260C
Benzene	ND	310	ug/Kg	50	10/24/19	JLI	SW8260C
Ethylbenzene	ND	310	ug/Kg	50	10/24/19	JLI	SW8260C
Isopropylbenzene	460	150	ug/Kg	50	10/24/19	JLI	SW8260C
m&p-Xylene	ND	310	ug/Kg	50	10/24/19	JLI	SW8260C
Methyl t-Butyl Ether (MTBE)	ND	150	ug/Kg	50	10/24/19	JLI	SW8260C
Naphthalene	350	150	ug/Kg	50	10/24/19	JLI	SW8260C
n-Butylbenzene	1800	150	ug/Kg	50	10/24/19	JLI	SW8260C
n-Propylbenzene	390	150	ug/Kg	50	10/24/19	JLI	SW8260C
o-Xylene	ND	310	ug/Kg	50	10/24/19	JLI	SW8260C
p-Isopropyltoluene	310	150	ug/Kg	50	10/24/19	JLI	SW8260C
sec-Butylbenzene	1800	150	ug/Kg	50	10/24/19	JLI	SW8260C
tert-Butylbenzene	480	150	ug/Kg	50	10/24/19	JLI	SW8260C
Toluene	ND	310	ug/Kg	50	10/24/19	JLI	SW8260C
Total Xylenes	ND	310	ug/Kg	50	10/24/19	JLI	SW8260C
QA/QC Surrogates							
% 1,2-Dichlorobenzene-d4 (50x)	98		%	50	10/24/19	JLI	70 - 130 %
% Bromofluorobenzene (50x)	119		%	50	10/24/19	JLI	70 - 130 %
% Dibromofluoromethane (50x)	94		%	50	10/24/19	JLI	70 - 130 %
% Toluene-d8 (50x)	100		%	50	10/24/19	JLI	70 - 130 %
Semivolatiles-STARS/CP-51							
Acenaphthene	ND	310	ug/Kg	1	10/24/19	WB	SW8270D

Project ID: 46-81 METROPOLITAN AVE, RIDGEWOOD NY
Client ID: GP-D (3`-5`)

Phoenix I.D.: CE46220

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acenaphthylene	ND	310	ug/Kg	1	10/24/19	WB	SW8270D
Anthracene	ND	310	ug/Kg	1	10/24/19	WB	SW8270D
Benz(a)anthracene	ND	310	ug/Kg	1	10/24/19	WB	SW8270D
Benzo(a)pyrene	320	310	ug/Kg	1	10/24/19	WB	SW8270D
Benzo(b)fluoranthene	ND	310	ug/Kg	1	10/24/19	WB	SW8270D
Benzo(ghi)perylene	450	310	ug/Kg	1	10/24/19	WB	SW8270D
Benzo(k)fluoranthene	ND	310	ug/Kg	1	10/24/19	WB	SW8270D
Chrysene	ND	310	ug/Kg	1	10/24/19	WB	SW8270D
Dibenz(a,h)anthracene	ND	310	ug/Kg	1	10/24/19	WB	SW8270D
Fluoranthene	640	310	ug/Kg	1	10/24/19	WB	SW8270D
Fluorene	660	310	ug/Kg	1	10/24/19	WB	SW8270D
Indeno(1,2,3-cd)pyrene	440	310	ug/Kg	1	10/24/19	WB	SW8270D
Naphthalene	ND	310	ug/Kg	1	10/24/19	WB	SW8270D
Phenanthrene	1400	310	ug/Kg	1	10/24/19	WB	SW8270D
Pyrene	700	310	ug/Kg	1	10/24/19	WB	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	60		%	1	10/24/19	WB	30 - 130 %
% Nitrobenzene-d5	55		%	1	10/24/19	WB	30 - 130 %
% Terphenyl-d14	73		%	1	10/24/19	WB	30 - 130 %

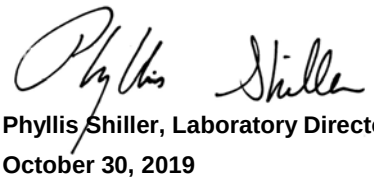
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

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Phyllis Shiller, Laboratory Director
October 30, 2019
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 30, 2019

FOR: Attn: Jeff Bohlen
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		10/22/19	11:45
Location Code:	ENVIROTR	Received by:	CP	10/23/19	15:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCE46217
Phoenix ID: CE46221

Project ID: 46-81 METROPOLITAN AVE, RIDGEWOOD NY
Client ID: GP-E (3`-5`)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	72		%		10/23/19	VT	SW846-%Solid
Soil Extraction SVOA PAH	Completed				10/23/19	RR/E	SW3545A
Volatiles- STARS/CP-51							
1,2,4-Trimethylbenzene	ND	170	ug/Kg	50	10/24/19	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	170	ug/Kg	50	10/24/19	JLI	SW8260C
Benzene	ND	340	ug/Kg	50	10/24/19	JLI	SW8260C
Ethylbenzene	ND	340	ug/Kg	50	10/24/19	JLI	SW8260C
Isopropylbenzene	350	170	ug/Kg	50	10/24/19	JLI	SW8260C
m&p-Xylene	ND	340	ug/Kg	50	10/24/19	JLI	SW8260C
Methyl t-Butyl Ether (MTBE)	ND	170	ug/Kg	50	10/24/19	JLI	SW8260C
Naphthalene	1800	170	ug/Kg	50	10/24/19	JLI	SW8260C
n-Butylbenzene	670	170	ug/Kg	50	10/24/19	JLI	SW8260C
n-Propylbenzene	650	170	ug/Kg	50	10/24/19	JLI	SW8260C
o-Xylene	ND	340	ug/Kg	50	10/24/19	JLI	SW8260C
p-Isopropyltoluene	ND	170	ug/Kg	50	10/24/19	JLI	SW8260C
sec-Butylbenzene	510	170	ug/Kg	50	10/24/19	JLI	SW8260C
tert-Butylbenzene	ND	170	ug/Kg	50	10/24/19	JLI	SW8260C
Toluene	ND	340	ug/Kg	50	10/24/19	JLI	SW8260C
Total Xylenes	ND	340	ug/Kg	50	10/24/19	JLI	SW8260C
QA/QC Surrogates							
% 1,2-Dichlorobenzene-d4 (50x)	100		%	50	10/24/19	JLI	70 - 130 %
% Bromofluorobenzene (50x)	98		%	50	10/24/19	JLI	70 - 130 %
% Dibromofluoromethane (50x)	93		%	50	10/24/19	JLI	70 - 130 %
% Toluene-d8 (50x)	99		%	50	10/24/19	JLI	70 - 130 %
Semivolatiles-STARS/CP-51							
Acenaphthene	ND	320	ug/Kg	1	10/24/19	WB	SW8270D

Project ID: 46-81 METROPOLITAN AVE, RIDGEWOOD NY
Client ID: GP-E (3`-5`)

Phoenix I.D.: CE46221

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acenaphthylene	ND	320	ug/Kg	1	10/24/19	WB	SW8270D
Anthracene	ND	320	ug/Kg	1	10/24/19	WB	SW8270D
Benz(a)anthracene	ND	320	ug/Kg	1	10/24/19	WB	SW8270D
Benzo(a)pyrene	ND	320	ug/Kg	1	10/24/19	WB	SW8270D
Benzo(b)fluoranthene	ND	320	ug/Kg	1	10/24/19	WB	SW8270D
Benzo(ghi)perylene	ND	320	ug/Kg	1	10/24/19	WB	SW8270D
Benzo(k)fluoranthene	ND	320	ug/Kg	1	10/24/19	WB	SW8270D
Chrysene	ND	320	ug/Kg	1	10/24/19	WB	SW8270D
Dibenz(a,h)anthracene	ND	320	ug/Kg	1	10/24/19	WB	SW8270D
Fluoranthene	350	320	ug/Kg	1	10/24/19	WB	SW8270D
Fluorene	ND	320	ug/Kg	1	10/24/19	WB	SW8270D
Indeno(1,2,3-cd)pyrene	ND	320	ug/Kg	1	10/24/19	WB	SW8270D
Naphthalene	ND	320	ug/Kg	1	10/24/19	WB	SW8270D
Phenanthrene	ND	320	ug/Kg	1	10/24/19	WB	SW8270D
Pyrene	ND	320	ug/Kg	1	10/24/19	WB	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	57		%	1	10/24/19	WB	30 - 130 %
% Nitrobenzene-d5	50		%	1	10/24/19	WB	30 - 130 %
% Terphenyl-d14	68		%	1	10/24/19	WB	30 - 130 %

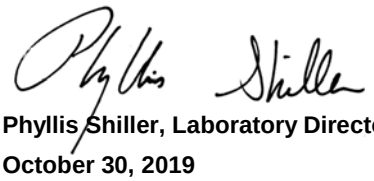
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
October 30, 2019
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 30, 2019

FOR: Attn: Jeff Bohlen
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		10/22/19	12:20
Location Code:	ENVIROTR	Received by:	CP	10/23/19	15:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCE46217
Phoenix ID: CE46222

Project ID: 46-81 METROPOLITAN AVE, RIDGEWOOD NY
Client ID: GP-F (3`-5`)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	85		%		10/23/19	VT	SW846-%Solid
Soil Extraction SVOA PAH	Completed				10/23/19	RR/E	SW3545A
Volatiles- STARS/CP-51							
1,2,4-Trimethylbenzene	ND	160	ug/Kg	50	10/24/19	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	160	ug/Kg	50	10/24/19	JLI	SW8260C
Benzene	ND	3.2	ug/Kg	1	10/28/19	JLI	SW8260C
Ethylbenzene	ND	3.2	ug/Kg	1	10/28/19	JLI	SW8260C
Isopropylbenzene	ND	160	ug/Kg	50	10/24/19	JLI	SW8260C
m&p-Xylene	ND	3.2	ug/Kg	1	10/28/19	JLI	SW8260C
Methyl t-Butyl Ether (MTBE)	ND	1.6	ug/Kg	1	10/28/19	JLI	SW8260C
Naphthalene	470	160	ug/Kg	50	10/24/19	JLI	SW8260C
n-Butylbenzene	ND	160	ug/Kg	50	10/24/19	JLI	SW8260C
n-Propylbenzene	ND	160	ug/Kg	50	10/24/19	JLI	SW8260C
o-Xylene	ND	3.2	ug/Kg	1	10/28/19	JLI	SW8260C
p-Isopropyltoluene	ND	160	ug/Kg	50	10/24/19	JLI	SW8260C
sec-Butylbenzene	ND	160	ug/Kg	50	10/24/19	JLI	SW8260C
tert-Butylbenzene	ND	160	ug/Kg	50	10/24/19	JLI	SW8260C
Toluene	ND	3.2	ug/Kg	1	10/28/19	JLI	SW8260C
Total Xylenes	ND	3.2	ug/Kg	1	10/28/19	JLI	SW8260C
QA/QC Surrogates							
% 1,2-Dichlorobenzene-d4	126		%	1	10/28/19	JLI	70 - 130 %
% Bromofluorobenzene	101		%	1	10/28/19	JLI	70 - 130 %
% Dibromofluoromethane	93		%	1	10/28/19	JLI	70 - 130 %
% Toluene-d8	85		%	1	10/28/19	JLI	70 - 130 %
% 1,2-Dichlorobenzene-d4 (50x)	100		%	50	10/24/19	JLI	70 - 130 %
% Bromofluorobenzene (50x)	98		%	50	10/24/19	JLI	70 - 130 %
% Dibromofluoromethane (50x)	95		%	50	10/24/19	JLI	70 - 130 %

Ver 1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8 (50x)	99		%	50	10/24/19	JLI	70 - 130 %
Semivolatiles-STARS/CP-51							
Acenaphthene	ND	270	ug/Kg	1	10/24/19	WB	SW8270D
Acenaphthylene	1100	270	ug/Kg	1	10/24/19	WB	SW8270D
Anthracene	1200	270	ug/Kg	1	10/24/19	WB	SW8270D
Benz(a)anthracene	3700	270	ug/Kg	1	10/24/19	WB	SW8270D
Benzo(a)pyrene	3800	270	ug/Kg	1	10/24/19	WB	SW8270D
Benzo(b)fluoranthene	4600	270	ug/Kg	1	10/24/19	WB	SW8270D
Benzo(ghi)perylene	2100	270	ug/Kg	1	10/24/19	WB	SW8270D
Benzo(k)fluoranthene	3700	270	ug/Kg	1	10/24/19	WB	SW8270D
Chrysene	4100	270	ug/Kg	1	10/24/19	WB	SW8270D
Dibenz(a,h)anthracene	610	270	ug/Kg	1	10/24/19	WB	SW8270D
Fluoranthene	6700	270	ug/Kg	1	10/24/19	WB	SW8270D
Fluorene	310	270	ug/Kg	1	10/24/19	WB	SW8270D
Indeno(1,2,3-cd)pyrene	2500	270	ug/Kg	1	10/24/19	WB	SW8270D
Naphthalene	690	270	ug/Kg	1	10/24/19	WB	SW8270D
Phenanthrene	2100	270	ug/Kg	1	10/24/19	WB	SW8270D
Pyrene	7000	270	ug/Kg	1	10/24/19	WB	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	68		%	1	10/24/19	WB	30 - 130 %
% Nitrobenzene-d5	64		%	1	10/24/19	WB	30 - 130 %
% Terphenyl-d14	70		%	1	10/24/19	WB	30 - 130 %

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director

October 30, 2019

Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 30, 2019

FOR: Attn: Jeff Bohlen
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		10/22/19	13:30
Location Code:	ENVIROTR	Received by:	CP	10/23/19	15:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCE46217
Phoenix ID: CE46223

Project ID: 46-81 METROPOLITAN AVE, RIDGEWOOD NY
Client ID: GP-G (3`-5`)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	70		%		10/23/19	VT	SW846-%Solid
Soil Extraction SVOA PAH	Completed				10/23/19	RR/E	SW3545A
Volatiles- STARS/CP-51							
1,2,4-Trimethylbenzene	ND	180	ug/Kg	50	10/24/19	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	180	ug/Kg	50	10/24/19	JLI	SW8260C
Benzene	ND	350	ug/Kg	50	10/24/19	JLI	SW8260C
Ethylbenzene	ND	350	ug/Kg	50	10/24/19	JLI	SW8260C
Isopropylbenzene	460	180	ug/Kg	50	10/24/19	JLI	SW8260C
m&p-Xylene	ND	350	ug/Kg	50	10/24/19	JLI	SW8260C
Methyl t-Butyl Ether (MTBE)	ND	180	ug/Kg	50	10/24/19	JLI	SW8260C
Naphthalene	340	180	ug/Kg	50	10/24/19	JLI	SW8260C
n-Butylbenzene	1700	180	ug/Kg	50	10/24/19	JLI	SW8260C
n-Propylbenzene	280	180	ug/Kg	50	10/24/19	JLI	SW8260C
o-Xylene	ND	350	ug/Kg	50	10/24/19	JLI	SW8260C
p-Isopropyltoluene	ND	180	ug/Kg	50	10/24/19	JLI	SW8260C
sec-Butylbenzene	1700	180	ug/Kg	50	10/24/19	JLI	SW8260C
tert-Butylbenzene	240	180	ug/Kg	50	10/24/19	JLI	SW8260C
Toluene	ND	350	ug/Kg	50	10/24/19	JLI	SW8260C
Total Xylenes	ND	350	ug/Kg	50	10/24/19	JLI	SW8260C
QA/QC Surrogates							
% 1,2-Dichlorobenzene-d4 (50x)	98		%	50	10/24/19	JLI	70 - 130 %
% Bromofluorobenzene (50x)	112		%	50	10/24/19	JLI	70 - 130 %
% Dibromofluoromethane (50x)	94		%	50	10/24/19	JLI	70 - 130 %
% Toluene-d8 (50x)	99		%	50	10/24/19	JLI	70 - 130 %
Semivolatiles-STARS/CP-51							
Acenaphthene	1900	330	ug/Kg	1	10/24/19	WB	SW8270D

Project ID: 46-81 METROPOLITAN AVE, RIDGEWOOD NY
Client ID: GP-G (3`-5`)

Phoenix I.D.: CE46223

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acenaphthylene	ND	330	ug/Kg	1	10/24/19	WB	SW8270D
Anthracene	690	330	ug/Kg	1	10/24/19	WB	SW8270D
Benz(a)anthracene	350	330	ug/Kg	1	10/24/19	WB	SW8270D
Benzo(a)pyrene	ND	330	ug/Kg	1	10/24/19	WB	SW8270D
Benzo(b)fluoranthene	ND	330	ug/Kg	1	10/24/19	WB	SW8270D
Benzo(ghi)perylene	ND	330	ug/Kg	1	10/24/19	WB	SW8270D
Benzo(k)fluoranthene	ND	330	ug/Kg	1	10/24/19	WB	SW8270D
Chrysene	380	330	ug/Kg	1	10/24/19	WB	SW8270D
Dibenz(a,h)anthracene	ND	330	ug/Kg	1	10/24/19	WB	SW8270D
Fluoranthene	890	330	ug/Kg	1	10/24/19	WB	SW8270D
Fluorene	3300	330	ug/Kg	1	10/24/19	WB	SW8270D
Indeno(1,2,3-cd)pyrene	ND	330	ug/Kg	1	10/24/19	WB	SW8270D
Naphthalene	420	330	ug/Kg	1	10/24/19	WB	SW8270D
Phenanthrene	6700	330	ug/Kg	1	10/24/19	WB	SW8270D
Pyrene	960	330	ug/Kg	1	10/24/19	WB	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	61		%	1	10/24/19	WB	30 - 130 %
% Nitrobenzene-d5	78		%	1	10/24/19	WB	30 - 130 %
% Terphenyl-d14	73		%	1	10/24/19	WB	30 - 130 %

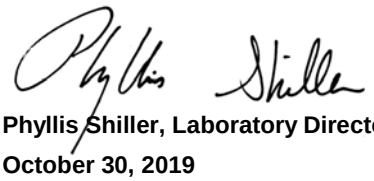
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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Phyllis Shiller, Laboratory Director
October 30, 2019
Reviewed and Released by: Rashmi Makol, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

October 30, 2019

QA/QC Data

SDG I.D.: GCE46217

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 502982 (ug/kg), QC Sample No: CE46519 (CE46217, CE46219, CE46220, CE46221, CE46222, CE46223)											
Semivolatiles - Soil											
Acenaphthene	ND	230	70	64	9.0	52	58	10.9	30 - 130	30	
Acenaphthylene	ND	130	68	61	10.9	63	67	6.2	30 - 130	30	
Anthracene	ND	230	73	75	2.7	37	39	5.3	30 - 130	30	
Benz(a)anthracene	ND	230	72	76	5.4	<10	<10	NC	30 - 130	30	m
Benzo(a)pyrene	ND	130	70	76	8.2	11	15	30.8	30 - 130	30	m,r
Benzo(b)fluoranthene	ND	160	71	77	8.1	25	32	24.6	30 - 130	30	m
Benzo(ghi)perylene	ND	230	65	66	1.5	27	30	10.5	30 - 130	30	m
Benzo(k)fluoranthene	ND	230	73	77	5.3	33	38	14.1	30 - 130	30	
Chrysene	ND	230	72	77	6.7	<10	12	NC	30 - 130	30	m
Dibenz(a,h)anthracene	ND	130	73	76	4.0	59	57	3.4	30 - 130	30	
Fluoranthene	ND	230	74	77	4.0	NC	NC	NC	30 - 130	30	
Fluorene	ND	230	73	70	4.2	52	56	7.4	30 - 130	30	
Indeno(1,2,3-cd)pyrene	ND	230	72	74	2.7	31	33	6.3	30 - 130	30	
Naphthalene	ND	230	60	48	22.2	41	54	27.4	30 - 130	30	
Phenanthrene	ND	130	71	73	2.8	NC	NC	NC	30 - 130	30	
Pyrene	ND	230	75	79	5.2	NC	NC	NC	30 - 130	30	
% 2-Fluorobiphenyl	68	%	66	58	12.9	58	65	11.4	30 - 130	30	
% Nitrobenzene-d5	69	%	62	47	27.5	50	65	26.1	30 - 130	30	
% Terphenyl-d14	70	%	68	72	5.7	70	67	4.4	30 - 130	30	
QA/QC Batch 503107 (ug/kg), QC Sample No: CE47289 (CE46218)											
Polynuclear Aromatic HC - Soil											
Acenaphthene	ND	230	49	57	15.1	58	56	3.5	30 - 130	30	
Acenaphthylene	ND	230	47	55	15.7	55	55	0.0	30 - 130	30	
Anthracene	ND	230	53	60	12.4	62	59	5.0	30 - 130	30	
Benz(a)anthracene	ND	230	54	60	10.5	54	54	0.0	30 - 130	30	
Benzo(a)pyrene	ND	230	55	60	8.7	53	52	1.9	30 - 130	30	
Benzo(b)fluoranthene	ND	230	58	64	9.8	58	56	3.5	30 - 130	30	
Benzo(ghi)perylene	ND	230	49	55	11.5	50	46	8.3	30 - 130	30	
Benzo(k)fluoranthene	ND	230	56	62	10.2	53	53	0.0	30 - 130	30	
Chrysene	ND	230	54	60	10.5	53	54	1.9	30 - 130	30	
Dibenz(a,h)anthracene	ND	230	54	61	12.2	59	54	8.8	30 - 130	30	
Fluoranthene	ND	230	50	56	11.3	56	51	9.3	30 - 130	30	
Fluorene	ND	230	51	59	14.5	61	58	5.0	30 - 130	30	
Indeno(1,2,3-cd)pyrene	ND	230	56	63	11.8	55	50	9.5	30 - 130	30	
Naphthalene	ND	230	43	50	15.1	55	53	3.7	30 - 130	30	
Phenanthrene	ND	230	52	59	12.6	68	54	23.0	30 - 130	30	
Pyrene	ND	230	50	57	13.1	56	51	9.3	30 - 130	30	
% 2-Fluorobiphenyl	56	%	44	52	16.7	52	52	0.0	30 - 130	30	
% Nitrobenzene-d5	64	%	47	54	13.9	63	62	1.6	30 - 130	30	
% Terphenyl-d14	57	%	46	52	12.2	48	47	2.1	30 - 130	30	

QA/QC Data

SDG I.D.: GCE46217

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 503268H (ug/kg), QC Sample No: CE45589 50X (CE46223 (50X))										
Volatiles - Soil (High Level)										
1,2,4-Trimethylbenzene	ND	250	83	93	11.4	100	105	4.9	70 - 130	30
1,3,5-Trimethylbenzene	ND	250	83	95	13.5	102	107	4.8	70 - 130	30
Benzene	ND	250	81	91	11.6	99	98	1.0	70 - 130	30
Ethylbenzene	ND	250	83	93	11.4	103	104	1.0	70 - 130	30
Isopropylbenzene	ND	250	84	95	12.3	106	110	3.7	70 - 130	30
m&p-Xylene	ND	250	83	93	11.4	102	105	2.9	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	250	85	96	12.2	99	99	0.0	70 - 130	30
Naphthalene	ND	250	83	91	9.2	91	101	10.4	70 - 130	30
n-Butylbenzene	ND	250	84	95	12.3	102	106	3.8	70 - 130	30
n-Propylbenzene	ND	250	84	96	13.3	104	109	4.7	70 - 130	30
o-Xylene	ND	250	84	96	13.3	103	107	3.8	70 - 130	30
p-Isopropyltoluene	ND	250	84	95	12.3	104	108	3.8	70 - 130	30
sec-Butylbenzene	ND	250	88	99	11.8	110	114	3.6	70 - 130	30
tert-Butylbenzene	ND	250	83	94	12.4	104	108	3.8	70 - 130	30
Toluene	ND	250	83	93	11.4	102	102	0.0	70 - 130	30
% 1,2-dichlorobenzene-d4	100	%	99	99	0.0	99	100	1.0	70 - 130	30
% Bromofluorobenzene	95	%	98	97	1.0	97	97	0.0	70 - 130	30
% Dibromofluoromethane	94	%	97	96	1.0	95	98	3.1	70 - 130	30
% Toluene-d8	98	%	101	100	1.0	100	99	1.0	70 - 130	30

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

QA/QC Batch 503139H (ug/kg), QC Sample No: CE46448 50X (CE46218 (1000X) , CE46219 (50X) , CE46220 (50X) , CE46221 (50X) , CE46222 (50X))

Volatiles - Soil (High Level)

1,2,4-Trimethylbenzene	ND	250	106	105	0.9	103	103	0.0	70 - 130	30
1,3,5-Trimethylbenzene	ND	250	108	106	1.9	105	105	0.0	70 - 130	30
Benzene	ND	250	104	103	1.0	102	102	0.0	70 - 130	30
Ethylbenzene	ND	250	107	106	0.9	105	105	0.0	70 - 130	30
Isopropylbenzene	ND	250	108	106	1.9	107	108	0.9	70 - 130	30
m&p-Xylene	ND	250	106	106	0.0	104	104	0.0	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	250	103	102	1.0	97	96	1.0	70 - 130	30
Naphthalene	ND	250	106	108	1.9	103	106	2.9	70 - 130	30
n-Butylbenzene	ND	250	110	108	1.8	105	104	1.0	70 - 130	30
n-Propylbenzene	ND	250	109	108	0.9	106	108	1.9	70 - 130	30
o-Xylene	ND	250	109	108	0.9	106	106	0.0	70 - 130	30
p-Isopropyltoluene	ND	250	109	108	0.9	106	106	0.0	70 - 130	30
sec-Butylbenzene	ND	250	114	113	0.9	112	113	0.9	70 - 130	30
tert-Butylbenzene	ND	250	108	106	1.9	106	106	0.0	70 - 130	30
Toluene	ND	250	105	104	1.0	104	104	0.0	70 - 130	30
% 1,2-dichlorobenzene-d4	100	%	99	99	0.0	99	100	1.0	70 - 130	30
% Bromofluorobenzene	94	%	99	100	1.0	98	97	1.0	70 - 130	30
% Dibromofluoromethane	95	%	97	98	1.0	95	95	0.0	70 - 130	30
% Toluene-d8	98	%	100	100	0.0	100	100	0.0	70 - 130	30

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

QA/QC Data

SDG I.D.: GCE46217

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 503635H (ug/kg), QC Sample No: CE48361 50X (CE46217 (50X))										
Volatiles - Soil (High Level)										
1,2,4-Trimethylbenzene	ND	250	106	99	6.8	102	107	4.8	70 - 130	30
1,3,5-Trimethylbenzene	ND	250	106	99	6.8	103	108	4.7	70 - 130	30
Benzene	ND	250	103	98	5.0	101	107	5.8	70 - 130	30
Ethylbenzene	ND	250	107	100	6.8	105	110	4.7	70 - 130	30
Isopropylbenzene	ND	250	105	100	4.9	103	109	5.7	70 - 130	30
m&p-Xylene	ND	250	107	100	6.8	104	109	4.7	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	250	106	103	2.9	105	112	6.5	70 - 130	30
Naphthalene	ND	250	106	100	5.8	110	114	3.6	70 - 130	30
n-Butylbenzene	ND	250	111	104	6.5	107	111	3.7	70 - 130	30
n-Propylbenzene	ND	250	106	102	3.8	104	110	5.6	70 - 130	30
o-Xylene	ND	250	107	101	5.8	106	109	2.8	70 - 130	30
p-Isopropyltoluene	ND	250	108	102	5.7	105	110	4.7	70 - 130	30
sec-Butylbenzene	ND	250	114	108	5.4	110	117	6.2	70 - 130	30
tert-Butylbenzene	ND	250	104	99	4.9	102	107	4.8	70 - 130	30
Toluene	ND	250	106	101	4.8	102	109	6.6	70 - 130	30
% 1,2-dichlorobenzene-d4	98	%	99	99	0.0	98	99	1.0	70 - 130	30
% Bromofluorobenzene	98	%	99	99	0.0	99	99	0.0	70 - 130	30
% Dibromofluoromethane	92	%	97	102	5.0	99	101	2.0	70 - 130	30
% Toluene-d8	100	%	101	100	1.0	99	101	2.0	70 - 130	30

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 503750 (ug/kg), QC Sample No: CE48556 (CE46222)										
Volatiles - Soil (Low Level)										
Benzene	ND	1.0	95	95	0.0	87	95	8.8	70 - 130	30
Ethylbenzene	ND	1.0	96	95	1.0	85	93	9.0	70 - 130	30
m&p-Xylene	ND	2.0	95	95	0.0	85	93	9.0	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	110	88	22.2	78	86	9.8	70 - 130	30
o-Xylene	ND	2.0	98	96	2.1	88	95	7.7	70 - 130	30
Toluene	ND	1.0	97	95	2.1	88	95	7.7	70 - 130	30
% 1,2-dichlorobenzene-d4	97	%	101	102	1.0	103	102	1.0	70 - 130	30
% Bromofluorobenzene	100	%	100	94	6.2	101	101	0.0	70 - 130	30
% Dibromofluoromethane	102	%	100	101	1.0	97	98	1.0	70 - 130	30
% Toluene-d8	97	%	102	101	1.0	101	101	0.0	70 - 130	30

Comment:

A blank MS/MSD was analyzed with this Low Level batch.

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

m = This parameter is outside laboratory MS/MSD specified recovery limits.
r = This parameter is outside laboratory RPD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
October 30, 2019

Wednesday, October 30, 2019

Criteria: None

State: NY

Sample Criteria Exceedances Report

GCE46217 - ENVIROTR

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

October 30, 2019 SDG I.D.: GCE46217

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

October 30, 2019

SDG I.D.: GCE46217

The samples in this delivery group were received at 4.0°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Cooler: Yes ☑ No ☐
Coolant: IPK ☑ ICE ☐ No ☐
Temp 4.0 °C Pg of

PHOENIX
Environmental Laboratories, Inc.

NY/NJ/PA CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Contact Options:
☐ Phone:
☐ Fax:
☑ Email: JeffB@Env.ltd.Mac.com

Customer: Env. Ltd LTD
Address: 5 old Dock Rd
Yaphank NY 11980

Project: 46-81 Metropol. 4th Ave, Ridgewood NY
Report to: Jeff Bonlen
Invoice to: Jeff Bonlen
QUOTE # :

Project P.O:

This section MUST be completed with Bottle Quantities.

Sampler's Signature: [signature] Date: 10/22/19

Client Sample - Information - Identification

Matrix Code:
DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe
OIL=Oil B=Bulk L=Liquid

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	CP-51 VOCs	CP-51 SVOCs	GL Amber 8 oz. w/H3PO4	Soil VOA Vials (M) methanol (R) H2O	GL Soil container (B) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL NaOH 250ml	PL HNO3 250ml	Bacteria Bottle with preservative	Bacteria Bottle as is
L[6217	GP-A (3'-5')	S	10/22/19	9:00	X	X	X	X										
L[6218	GP-B (3'-5')	S	10/22/19	10:15	X	X	X	X										
L[6219	GP-C (3'-5')	S	10/22/19	10:45	X	X	X	X										
L[6220	GP-D (3'-5')	S	10/22/19	11:20	X	X	X	X										
L[6221	GP-E (3'-5')	S	10/22/19	11:45	X	X	X	X										
L[6222	GP-F (3'-5')	S	10/22/19	12:20	X	X	X	X										
L[6223	GP-G (3'-5')	S	10/22/19	13:30	X	X	X	X										

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	10/22/19	9:30
[signature]	[signature]	10-23-19	15:00

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☑ 5 Days
☐ 10 Days
☐ Other
* SURCHARGE

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ Impact to GW soil screen Criteria
☐ GW Criteria

NY
☐ TOGS GW
☐ CP-51 SOIL
☐ 375SCO Unrestricted Soil
☐ 375SCO Residential Soil
☐ 375SCO Residential
☐ 375SCO Commercial Soil
☐ 375SCO Industrial Soil
☐ Subpart 5 DW

PA
☐ Clean Fill Limits
☐ PA-GW
☐ Reg Fill Limits
☐ PA Soil Restricted
☐ PA Soil non-restricted

State Samples Collected? NY

Comments, Special Requirements or Regulations:

Data Format:
☐ Phoenix Std Report ☐ EQuIS
☐ Excel ☐ NJ Hazsite EDD
☐ PDF ☐ NY EZ EDD (ASP)
☐ GIS/Key ☐ Other

Data Package:
☐ NJ Reduced Deliv. * ☐ Other
☐ NY Enhanced (ASP B) *

PHOENIX
Environmental Laboratories, Inc.

Tuesday, October 29, 2019

Attn: Jeff Bohlen
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Project ID: **46-81 METROPOLITAN AVE, RIDGEWOOD**
SDG ID: **GCE46224**
Sample ID#s: **CE46224**

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

SDG Comments

October 29, 2019

SDG I.D.: GCE46224

CE46224 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Sample Id Cross Reference

October 29, 2019

SDG I.D.: GCE46224

Project ID: 46-81 METROPOLITAN AVE, RIDGEWOOD

Client Id	Lab Id	Matrix
WASTE CLASS	CE46224	SOIL

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 29, 2019

FOR: Attn: Jeff Bohlen
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		10/22/19	13:50
Location Code:	ENVIROTR	Received by:	CP	10/23/19	15:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCE46224
Phoenix ID: CE46224

Project ID: 46-81 METROPOLITAN AVE, RIDGEWOOD
Client ID: WASTE CLASS

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Arsenic	19.2	0.83	mg/Kg	1	10/24/19	EK	SW6010D
Barium	158	0.41	mg/Kg	1	10/24/19	EK	SW6010D
Cadmium	1.47	0.41	mg/Kg	1	10/24/19	EK	SW6010D
Chromium	25.4	0.41	mg/Kg	1	10/24/19	EK	SW6010D
Lead	706	0.41	mg/Kg	1	10/24/19	EK	SW6010D
Mercury	1.20	0.03	mg/Kg	2	10/24/19	RS	SW7471B
Selenium	< 1.7	1.7	mg/Kg	1	10/24/19	EK	SW6010D
Silver	< 0.41	0.41	mg/Kg	1	10/24/19	EK	SW6010D
Percent Solid	83		%		10/23/19	VT	SW846-%Solid
Soil Extraction for SVOA	Completed				10/23/19	RR/E	SW3545A
Mercury Digestion	Completed				10/24/19	LS/LS	SW7471B
Total Metals Digest	Completed				10/23/19	B/AG/BF	SW3050B
Volatiles							
1,1,1,2-Tetrachloroethane	ND	L 350	ug/Kg	50	10/25/19	JLI	SW8260C
1,1,1-Trichloroethane	ND	L 350	ug/Kg	50	10/25/19	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	L 350	ug/Kg	50	10/25/19	JLI	SW8260C
1,1,2-Trichloroethane	ND	L 350	ug/Kg	50	10/25/19	JLI	SW8260C
1,1-Dichloroethane	ND	L 350	ug/Kg	50	10/25/19	JLI	SW8260C
1,1-Dichloroethene	ND	L 350	ug/Kg	50	10/25/19	JLI	SW8260C
1,1-Dichloropropene	ND	L 350	ug/Kg	50	10/25/19	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	L 350	ug/Kg	50	10/25/19	JLI	SW8260C
1,2,3-Trichloropropane	ND	L 350	ug/Kg	50	10/25/19	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	L 350	ug/Kg	50	10/25/19	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	L 350	ug/Kg	50	10/25/19	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	L 350	ug/Kg	50	10/25/19	JLI	SW8260C
1,2-Dibromoethane	ND	L 350	ug/Kg	50	10/25/19	JLI	SW8260C
1,2-Dichlorobenzene	ND	L 350	ug/Kg	50	10/25/19	JLI	SW8260C

Project ID: 46-81 METROPOLITAN AVE, RIDGEWOOD
Client ID: WASTE CLASS

Phoenix I.D.: CE46224

Parameter	Result		RL/ PQL	Units	Dilution	Date/Time	By	Reference	
1,2-Dichloroethane	ND	L	350	ug/Kg	50	10/25/19	JLI	SW8260C	
1,2-Dichloropropane	ND	L	350	ug/Kg	50	10/25/19	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	L	350	ug/Kg	50	10/25/19	JLI	SW8260C	
1,3-Dichlorobenzene	ND	L	350	ug/Kg	50	10/25/19	JLI	SW8260C	
1,3-Dichloropropane	ND	L	350	ug/Kg	50	10/25/19	JLI	SW8260C	
1,4-Dichlorobenzene	ND	L	350	ug/Kg	50	10/25/19	JLI	SW8260C	
2,2-Dichloropropane	ND	L	350	ug/Kg	50	10/25/19	JLI	SW8260C	
2-Chlorotoluene	ND	L	350	ug/Kg	50	10/25/19	JLI	SW8260C	
2-Hexanone	ND	L	1700	ug/Kg	50	10/25/19	JLI	SW8260C	
2-Isopropyltoluene	190	L	140	ug/Kg	50	10/25/19	JLI	SW8260C	1
4-Chlorotoluene	ND	L	350	ug/Kg	50	10/25/19	JLI	SW8260C	
4-Methyl-2-pentanone	ND	L	1700	ug/Kg	50	10/25/19	JLI	SW8260C	
Acetone	ND	L	1700	ug/Kg	50	10/25/19	JLI	SW8260C	
Acrylonitrile	ND	L	700	ug/Kg	50	10/25/19	JLI	SW8260C	
Benzene	ND	L	350	ug/Kg	50	10/25/19	JLI	SW8260C	
Bromobenzene	ND	L	350	ug/Kg	50	10/25/19	JLI	SW8260C	
Bromochloromethane	ND	L	350	ug/Kg	50	10/25/19	JLI	SW8260C	
Bromodichloromethane	ND	L	350	ug/Kg	50	10/25/19	JLI	SW8260C	
Bromoform	ND	L	350	ug/Kg	50	10/25/19	JLI	SW8260C	
Bromomethane	ND	L	350	ug/Kg	50	10/25/19	JLI	SW8260C	
Carbon Disulfide	ND	L	350	ug/Kg	50	10/25/19	JLI	SW8260C	
Carbon tetrachloride	ND	L	350	ug/Kg	50	10/25/19	JLI	SW8260C	
Chlorobenzene	ND	L	350	ug/Kg	50	10/25/19	JLI	SW8260C	
Chloroethane	ND	L	350	ug/Kg	50	10/25/19	JLI	SW8260C	
Chloroform	ND	L	350	ug/Kg	50	10/25/19	JLI	SW8260C	
Chloromethane	ND	L	350	ug/Kg	50	10/25/19	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	L	350	ug/Kg	50	10/25/19	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	L	350	ug/Kg	50	10/25/19	JLI	SW8260C	
Dibromochloromethane	ND	L	350	ug/Kg	50	10/25/19	JLI	SW8260C	
Dibromomethane	ND	L	350	ug/Kg	50	10/25/19	JLI	SW8260C	
Dichlorodifluoromethane	ND	L	350	ug/Kg	50	10/25/19	JLI	SW8260C	
Ethylbenzene	ND	L	350	ug/Kg	50	10/25/19	JLI	SW8260C	
Hexachlorobutadiene	ND	L	350	ug/Kg	50	10/25/19	JLI	SW8260C	
Isopropylbenzene	150	L	140	ug/Kg	50	10/25/19	JLI	SW8260C	
m&p-Xylene	ND	L	350	ug/Kg	50	10/25/19	JLI	SW8260C	
Methyl Ethyl Ketone	ND	L	1700	ug/Kg	50	10/25/19	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	L	700	ug/Kg	50	10/25/19	JLI	SW8260C	
Methylene chloride	ND	L	700	ug/Kg	50	10/25/19	JLI	SW8260C	
Naphthalene	190	L	140	ug/Kg	50	10/25/19	JLI	SW8260C	
n-Butylbenzene	380	L	350	ug/Kg	50	10/25/19	JLI	SW8260C	
n-Propylbenzene	ND	L	350	ug/Kg	50	10/25/19	JLI	SW8260C	
o-Xylene	ND	L	350	ug/Kg	50	10/25/19	JLI	SW8260C	
p-Isopropyltoluene	ND	L	350	ug/Kg	50	10/25/19	JLI	SW8260C	
sec-Butylbenzene	440	L	350	ug/Kg	50	10/25/19	JLI	SW8260C	
Styrene	ND	L	350	ug/Kg	50	10/25/19	JLI	SW8260C	
tert-Butylbenzene	ND	L	350	ug/Kg	50	10/25/19	JLI	SW8260C	
Tetrachloroethene	ND	L	350	ug/Kg	50	10/25/19	JLI	SW8260C	
Tetrahydrofuran (THF)	ND	L	700	ug/Kg	50	10/25/19	JLI	SW8260C	1
Toluene	ND	L	350	ug/Kg	50	10/25/19	JLI	SW8260C	

Parameter	Result		RL/ PQL	Units	Dilution	Date/Time	By	Reference
Total Xylenes	ND		350	ug/Kg	50	10/25/19	JLI	SW8260C
trans-1,2-Dichloroethene	ND	L	350	ug/Kg	50	10/25/19	JLI	SW8260C
trans-1,3-Dichloropropene	ND	L	350	ug/Kg	50	10/25/19	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	L	700	ug/Kg	50	10/25/19	JLI	SW8260C
Trichloroethene	ND	L	350	ug/Kg	50	10/25/19	JLI	SW8260C
Trichlorofluoromethane	ND	L	350	ug/Kg	50	10/25/19	JLI	SW8260C
Trichlorotrifluoroethane	ND	L	350	ug/Kg	50	10/25/19	JLI	SW8260C
Vinyl chloride	ND	L	350	ug/Kg	50	10/25/19	JLI	SW8260C
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4 (50x)	99			%	50	10/25/19	JLI	70 - 130 %
% Bromofluorobenzene (50x)	108			%	50	10/25/19	JLI	70 - 130 %
% Dibromofluoromethane (50x)	94			%	50	10/25/19	JLI	70 - 130 %
% Toluene-d8 (50x)	100			%	50	10/25/19	JLI	70 - 130 %
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND		280	ug/Kg	1	10/24/19	WB	SW8270D
1,2,4-Trichlorobenzene	ND		280	ug/Kg	1	10/24/19	WB	SW8270D
1,2-Dichlorobenzene	ND		280	ug/Kg	1	10/24/19	WB	SW8270D
1,2-Diphenylhydrazine	ND		390	ug/Kg	1	10/24/19	WB	SW8270D
1,3-Dichlorobenzene	ND		280	ug/Kg	1	10/24/19	WB	SW8270D
1,4-Dichlorobenzene	ND		280	ug/Kg	1	10/24/19	WB	SW8270D
2,4,5-Trichlorophenol	ND		280	ug/Kg	1	10/24/19	WB	SW8270D
2,4,6-Trichlorophenol	ND		280	ug/Kg	1	10/24/19	WB	SW8270D
2,4-Dichlorophenol	ND		280	ug/Kg	1	10/24/19	WB	SW8270D
2,4-Dimethylphenol	ND		280	ug/Kg	1	10/24/19	WB	SW8270D
2,4-Dinitrophenol	ND		390	ug/Kg	1	10/24/19	WB	SW8270D
2,4-Dinitrotoluene	ND		280	ug/Kg	1	10/24/19	WB	SW8270D
2,6-Dinitrotoluene	ND		280	ug/Kg	1	10/24/19	WB	SW8270D
2-Chloronaphthalene	ND		280	ug/Kg	1	10/24/19	WB	SW8270D
2-Chlorophenol	ND		280	ug/Kg	1	10/24/19	WB	SW8270D
2-Methylnaphthalene	280		280	ug/Kg	1	10/24/19	WB	SW8270D
2-Methylphenol (o-cresol)	ND		280	ug/Kg	1	10/24/19	WB	SW8270D
2-Nitroaniline	ND		390	ug/Kg	1	10/24/19	WB	SW8270D
2-Nitrophenol	ND		280	ug/Kg	1	10/24/19	WB	SW8270D
3&4-Methylphenol (m&p-cresol)	ND		390	ug/Kg	1	10/24/19	WB	SW8270D
3,3'-Dichlorobenzidine	ND		280	ug/Kg	1	10/24/19	WB	SW8270D
3-Nitroaniline	ND		390	ug/Kg	1	10/24/19	WB	SW8270D
4,6-Dinitro-2-methylphenol	ND		390	ug/Kg	1	10/24/19	WB	SW8270D
4-Bromophenyl phenyl ether	ND		390	ug/Kg	1	10/24/19	WB	SW8270D
4-Chloro-3-methylphenol	ND		280	ug/Kg	1	10/24/19	WB	SW8270D
4-Chloroaniline	ND		280	ug/Kg	1	10/24/19	WB	SW8270D
4-Chlorophenyl phenyl ether	ND		280	ug/Kg	1	10/24/19	WB	SW8270D
4-Nitroaniline	ND		630	ug/Kg	1	10/24/19	WB	SW8270D
4-Nitrophenol	ND		280	ug/Kg	1	10/24/19	WB	SW8270D
Acenaphthene	ND		280	ug/Kg	1	10/24/19	WB	SW8270D
Acenaphthylene	ND		280	ug/Kg	1	10/24/19	WB	SW8270D
Acetophenone	ND		280	ug/Kg	1	10/24/19	WB	SW8270D
Aniline	ND		390	ug/Kg	1	10/24/19	WB	SW8270D
Anthracene	ND		280	ug/Kg	1	10/24/19	WB	SW8270D
Benz(a)anthracene	350		280	ug/Kg	1	10/24/19	WB	SW8270D

Project ID: 46-81 METROPOLITAN AVE, RIDGEWOOD
Client ID: WASTE CLASS

Phoenix I.D.: CE46224

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Benzidine	ND	280	ug/Kg	1	10/24/19	WB	SW8270D
Benzo(a)pyrene	410	280	ug/Kg	1	10/24/19	WB	SW8270D
Benzo(b)fluoranthene	360	280	ug/Kg	1	10/24/19	WB	SW8270D
Benzo(ghi)perylene	300	280	ug/Kg	1	10/24/19	WB	SW8270D
Benzo(k)fluoranthene	370	280	ug/Kg	1	10/24/19	WB	SW8270D
Benzoic acid	ND	790	ug/Kg	1	10/24/19	WB	SW8270D
Benzyl butyl phthalate	ND	280	ug/Kg	1	10/24/19	WB	SW8270D
Bis(2-chloroethoxy)methane	ND	280	ug/Kg	1	10/24/19	WB	SW8270D
Bis(2-chloroethyl)ether	ND	390	ug/Kg	1	10/24/19	WB	SW8270D
Bis(2-chloroisopropyl)ether	ND	280	ug/Kg	1	10/24/19	WB	SW8270D
Bis(2-ethylhexyl)phthalate	ND	280	ug/Kg	1	10/24/19	WB	SW8270D
Carbazole	ND	390	ug/Kg	1	10/24/19	WB	SW8270D
Chrysene	390	280	ug/Kg	1	10/24/19	WB	SW8270D
Dibenz(a,h)anthracene	ND	280	ug/Kg	1	10/24/19	WB	SW8270D
Dibenzofuran	ND	280	ug/Kg	1	10/24/19	WB	SW8270D
Diethyl phthalate	ND	280	ug/Kg	1	10/24/19	WB	SW8270D
Dimethylphthalate	ND	280	ug/Kg	1	10/24/19	WB	SW8270D
Di-n-butylphthalate	ND	390	ug/Kg	1	10/24/19	WB	SW8270D
Di-n-octylphthalate	ND	280	ug/Kg	1	10/24/19	WB	SW8270D
Fluoranthene	790	280	ug/Kg	1	10/24/19	WB	SW8270D
Fluorene	400	280	ug/Kg	1	10/24/19	WB	SW8270D
Hexachlorobenzene	ND	280	ug/Kg	1	10/24/19	WB	SW8270D
Hexachlorobutadiene	ND	280	ug/Kg	1	10/24/19	WB	SW8270D
Hexachlorocyclopentadiene	ND	280	ug/Kg	1	10/24/19	WB	SW8270D
Hexachloroethane	ND	280	ug/Kg	1	10/24/19	WB	SW8270D
Indeno(1,2,3-cd)pyrene	360	280	ug/Kg	1	10/24/19	WB	SW8270D
Isophorone	ND	280	ug/Kg	1	10/24/19	WB	SW8270D
Naphthalene	ND	280	ug/Kg	1	10/24/19	WB	SW8270D
Nitrobenzene	ND	280	ug/Kg	1	10/24/19	WB	SW8270D
N-Nitrosodimethylamine	ND	390	ug/Kg	1	10/24/19	WB	SW8270D
N-Nitrosodi-n-propylamine	ND	280	ug/Kg	1	10/24/19	WB	SW8270D
N-Nitrosodiphenylamine	ND	390	ug/Kg	1	10/24/19	WB	SW8270D
Pentachloronitrobenzene	ND	390	ug/Kg	1	10/24/19	WB	SW8270D
Pentachlorophenol	ND	390	ug/Kg	1	10/24/19	WB	SW8270D
Phenanthrene	950	280	ug/Kg	1	10/24/19	WB	SW8270D
Phenol	ND	280	ug/Kg	1	10/24/19	WB	SW8270D
Pyrene	730	280	ug/Kg	1	10/24/19	WB	SW8270D
Pyridine	ND	390	ug/Kg	1	10/24/19	WB	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	53		%	1	10/24/19	WB	30 - 130 %
% 2-Fluorobiphenyl	56		%	1	10/24/19	WB	30 - 130 %
% 2-Fluorophenol	49		%	1	10/24/19	WB	30 - 130 %
% Nitrobenzene-d5	46		%	1	10/24/19	WB	30 - 130 %
% Phenol-d5	59		%	1	10/24/19	WB	30 - 130 %
% Terphenyl-d14	60		%	1	10/24/19	WB	30 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
L flag signifies that this sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Volatile Comment:
Elevated reporting limits for volatiles due to the presence of non-target compounds.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
October 29, 2019
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

QA/QC Report

October 29, 2019

QA/QC Data

SDG I.D.: GCE46224

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 503040 (mg/kg), QC Sample No: CE46740 2X (CE46224)														
Mercury - Soil	BRL	0.02	0.08	<0.03	NC	93.2	96.4	3.4	68.3	78.8	14.3	70 - 130	30	m
Comment:														
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%. MS acceptance range is 75-125%.														
QA/QC Batch 502947 (mg/kg), QC Sample No: CE46241 (CE46224)														
ICP Metals - Soil														
Arsenic	BRL	0.67	5.32	5.42	1.90	101	105	3.9	90.4			75 - 125	30	
Barium	BRL	0.33	110	105	4.70	99.4	104	4.5	97.6			75 - 125	30	
Cadmium	BRL	0.33	0.43	<0.40	NC	85.8	93.6	8.7	90.5			75 - 125	30	
Chromium	BRL	0.33	41.0	39.0	5.00	99.4	104	4.5	96.0			75 - 125	30	
Lead	BRL	0.33	23.5	23.3	0.90	95.0	97.2	2.3	88.0			75 - 125	30	
Selenium	BRL	1.3	<1.6	<1.6	NC	82.8	86.6	4.5	77.7			75 - 125	30	
Silver	BRL	0.33	<0.40	<0.40	NC	107	110	2.8	105			75 - 125	30	

m = This parameter is outside laboratory MS/MSD specified recovery limits.

PHOENIX

Environmental Laboratories, Inc.
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

October 29, 2019

QA/QC Data

SDG I.D.: GCE46224

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 502982 (ug/kg), QC Sample No: CE46519 (CE46224)											
Semivolatiles - Soil											
1,2,4,5-Tetrachlorobenzene	ND	230	61	53	14.0	53	62	15.7	30 - 130	30	
1,2,4-Trichlorobenzene	ND	230	60	46	26.4	49	63	25.0	30 - 130	30	
1,2-Dichlorobenzene	ND	180	55	55	0.0	46	57	21.4	30 - 130	30	
1,2-Diphenylhydrazine	ND	230	68	68	0.0	65	65	0.0	30 - 130	30	
1,3-Dichlorobenzene	ND	230	53	53	0.0	44	55	22.2	30 - 130	30	
1,4-Dichlorobenzene	ND	230	53	53	0.0	45	56	21.8	30 - 130	30	
2,4,5-Trichlorophenol	ND	230	79	78	1.3	74	72	2.7	30 - 130	30	
2,4,6-Trichlorophenol	ND	130	73	70	4.2	68	70	2.9	30 - 130	30	
2,4-Dichlorophenol	ND	130	72	64	11.8	65	71	8.8	30 - 130	30	
2,4-Dimethylphenol	ND	230	76	69	9.7	68	72	5.7	30 - 130	30	
2,4-Dinitrophenol	ND	230	47	53	12.0	27	35	25.8	30 - 130	30	m
2,4-Dinitrotoluene	ND	130	79	80	1.3	75	75	0.0	30 - 130	30	
2,6-Dinitrotoluene	ND	130	78	75	3.9	74	75	1.3	30 - 130	30	
2-Chloronaphthalene	ND	230	68	61	10.9	61	67	9.4	30 - 130	30	
2-Chlorophenol	ND	230	68	56	19.4	57	71	21.9	30 - 130	30	
2-Methylnaphthalene	ND	230	63	55	13.6	48	59	20.6	30 - 130	30	
2-Methylphenol (o-cresol)	ND	230	79	70	12.1	69	86	21.9	30 - 130	30	
2-Nitroaniline	ND	330	91	93	2.2	92	86	6.7	30 - 130	30	
2-Nitrophenol	ND	230	69	56	20.8	59	72	19.8	30 - 130	30	
3&4-Methylphenol (m&p-cresol)	ND	230	74	68	8.5	65	74	12.9	30 - 130	30	
3,3'-Dichlorobenzidine	ND	130	72	55	26.8	72	56	25.0	30 - 130	30	
3-Nitroaniline	ND	330	81	79	2.5	85	81	4.8	30 - 130	30	
4,6-Dinitro-2-methylphenol	ND	230	76	82	7.6	65	58	11.4	30 - 130	30	
4-Bromophenyl phenyl ether	ND	230	75	74	1.3	71	71	0.0	30 - 130	30	
4-Chloro-3-methylphenol	ND	230	75	73	2.7	73	73	0.0	30 - 130	30	
4-Chloroaniline	ND	230	64	54	16.9	65	69	6.0	30 - 130	30	
4-Chlorophenyl phenyl ether	ND	230	73	70	4.2	68	69	1.5	30 - 130	30	
4-Nitroaniline	ND	230	82	80	2.5	78	78	0.0	30 - 130	30	
4-Nitrophenol	ND	230	84	90	6.9	82	79	3.7	30 - 130	30	
Acenaphthene	ND	230	70	64	9.0	52	58	10.9	30 - 130	30	
Acenaphthylene	ND	130	68	61	10.9	63	67	6.2	30 - 130	30	
Acetophenone	ND	230	58	45	25.2	47	61	25.9	30 - 130	30	
Aniline	ND	330	48	48	0.0	50	60	18.2	30 - 130	30	
Anthracene	ND	230	73	75	2.7	37	39	5.3	30 - 130	30	
Benz(a)anthracene	ND	230	72	76	5.4	<10	<10	NC	30 - 130	30	m
Benzidine	ND	330	<10	<10	NC	<10	<10	NC	30 - 130	30	l,m
Benzo(a)pyrene	ND	130	70	76	8.2	11	15	30.8	30 - 130	30	m,r
Benzo(b)fluoranthene	ND	160	71	77	8.1	25	32	24.6	30 - 130	30	m
Benzo(ghi)perylene	ND	230	65	66	1.5	27	30	10.5	30 - 130	30	m
Benzo(k)fluoranthene	ND	230	73	77	5.3	33	38	14.1	30 - 130	30	
Benzoic Acid	ND	330	24	37	42.6	<10	31	NC	30 - 130	30	l,m,r

QA/QC Data

SDG I.D.: GCE46224

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Benzyl butyl phthalate	ND	230	75	81	7.7	77	73	5.3	30 - 130	30	
Bis(2-chloroethoxy)methane	ND	230	63	53	17.2	53	64	18.8	30 - 130	30	
Bis(2-chloroethyl)ether	ND	130	53	53	0.0	44	57	25.7	30 - 130	30	
Bis(2-chloroisopropyl)ether	ND	230	48	48	0.0	39	50	24.7	30 - 130	30	
Bis(2-ethylhexyl)phthalate	ND	230	81	87	7.1	82	77	6.3	30 - 130	30	
Carbazole	ND	230	76	80	5.1	57	56	1.8	30 - 130	30	
Chrysene	ND	230	72	77	6.7	<10	12	NC	30 - 130	30	m
Dibenz(a,h)anthracene	ND	130	73	76	4.0	59	57	3.4	30 - 130	30	
Dibenzofuran	ND	230	71	65	8.8	57	60	5.1	30 - 130	30	
Diethyl phthalate	ND	230	73	73	0.0	70	69	1.4	30 - 130	30	
Dimethylphthalate	ND	230	72	68	5.7	66	69	4.4	30 - 130	30	
Di-n-butylphthalate	ND	670	76	82	7.6	77	74	4.0	30 - 130	30	
Di-n-octylphthalate	ND	230	86	93	7.8	88	80	9.5	30 - 130	30	
Fluoranthene	ND	230	74	77	4.0	NC	NC	NC	30 - 130	30	
Fluorene	ND	230	73	70	4.2	52	56	7.4	30 - 130	30	
Hexachlorobenzene	ND	130	72	75	4.1	72	71	1.4	30 - 130	30	
Hexachlorobutadiene	ND	230	60	44	30.8	50	63	23.0	30 - 130	30	r
Hexachlorocyclopentadiene	ND	230	55	40	31.6	25	20	22.2	30 - 130	30	m,r
Hexachloroethane	ND	130	54	54	0.0	44	54	20.4	30 - 130	30	
Indeno(1,2,3-cd)pyrene	ND	230	72	74	2.7	31	33	6.3	30 - 130	30	
Isophorone	ND	130	60	51	16.2	51	62	19.5	30 - 130	30	
Naphthalene	ND	230	60	48	22.2	41	54	27.4	30 - 130	30	
Nitrobenzene	ND	130	64	49	26.5	52	66	23.7	30 - 130	30	
N-Nitrosodimethylamine	ND	230	43	43	0.0	40	49	20.2	30 - 130	30	
N-Nitrosodi-n-propylamine	ND	130	67	54	21.5	55	68	21.1	30 - 130	30	
N-Nitrosodiphenylamine	ND	130	73	74	1.4	70	68	2.9	30 - 130	30	
Pentachloronitrobenzene	ND	230	70	76	8.2	71	69	2.9	30 - 130	30	
Pentachlorophenol	ND	230	36	43	17.7	40	40	0.0	30 - 130	30	
Phenanthrene	ND	130	71	73	2.8	NC	NC	NC	30 - 130	30	
Phenol	ND	230	69	61	12.3	61	75	20.6	30 - 130	30	
Pyrene	ND	230	75	79	5.2	NC	NC	NC	30 - 130	30	
Pyridine	ND	230	26	26	0.0	31	39	22.9	30 - 130	30	l
% 2,4,6-Tribromophenol	48	%	73	77	5.3	72	67	7.2	30 - 130	30	
% 2-Fluorobiphenyl	68	%	66	58	12.9	58	65	11.4	30 - 130	30	
% 2-Fluorophenol	63	%	60	46	26.4	50	64	24.6	30 - 130	30	
% Nitrobenzene-d5	69	%	62	47	27.5	50	65	26.1	30 - 130	30	
% Phenol-d5	72	%	68	59	14.2	56	69	20.8	30 - 130	30	
% Terphenyl-d14	70	%	68	72	5.7	70	67	4.4	30 - 130	30	

Comment:

Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

QA/QC Batch 503576H (ug/kg), QC Sample No: CE47274 50X (CE46224 (50X))

Volatiles - Soil (High Level)

1,1,1,2-Tetrachloroethane	ND	250	97	98	1.0	80	88	9.5	70 - 130	30	
1,1,1-Trichloroethane	ND	250	97	94	3.1	77	89	14.5	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	250	98	95	3.1	91	94	3.2	70 - 130	30	
1,1,2-Trichloroethane	ND	250	97	94	3.1	87	93	6.7	70 - 130	30	
1,1-Dichloroethane	ND	250	103	102	1.0	73	93	24.1	70 - 130	30	
1,1-Dichloroethene	ND	250	99	97	2.0	81	96	16.9	70 - 130	30	
1,1-Dichloropropene	ND	250	99	99	0.0	83	92	10.3	70 - 130	30	
1,2,3-Trichlorobenzene	ND	250	104	102	1.9	92	102	10.3	70 - 130	30	
1,2,3-Trichloropropane	ND	250	92	90	2.2	90	93	3.3	70 - 130	30	

QA/QC Data

SDG I.D.: GCE46224

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,2,4-Trichlorobenzene	ND	250	109	105	3.7	94	103	9.1	70 - 130	30	
1,2,4-Trimethylbenzene	ND	250	101	99	2.0	82	88	7.1	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	250	91	95	4.3	79	85	7.3	70 - 130	30	
1,2-Dibromoethane	ND	250	97	95	2.1	86	92	6.7	70 - 130	30	
1,2-Dichlorobenzene	ND	250	101	97	4.0	89	94	5.5	70 - 130	30	
1,2-Dichloroethane	ND	250	93	91	2.2	77	87	12.2	70 - 130	30	
1,2-Dichloropropane	ND	250	102	100	2.0	86	97	12.0	70 - 130	30	
1,3,5-Trimethylbenzene	ND	250	102	100	2.0	88	95	7.7	70 - 130	30	
1,3-Dichlorobenzene	ND	250	102	99	3.0	91	97	6.4	70 - 130	30	
1,3-Dichloropropane	ND	250	97	95	2.1	86	92	6.7	70 - 130	30	
1,4-Dichlorobenzene	ND	250	101	98	3.0	90	96	6.5	70 - 130	30	
2,2-Dichloropropane	ND	250	102	97	5.0	78	88	12.0	70 - 130	30	
2-Chlorotoluene	ND	250	101	98	3.0	90	95	5.4	70 - 130	30	
2-Hexanone	ND	1300	84	82	2.4	81	82	1.2	70 - 130	30	
2-Isopropyltoluene	ND	250	106	104	1.9	97	103	6.0	70 - 130	30	
4-Chlorotoluene	ND	250	100	99	1.0	89	97	8.6	70 - 130	30	
4-Methyl-2-pentanone	ND	1300	94	91	3.2	86	90	4.5	70 - 130	30	
Acetone	ND	500	74	71	4.1	46	47	2.2	70 - 130	30	m
Acrylonitrile	ND	250	106	103	2.9	92	95	3.2	70 - 130	30	
Benzene	ND	250	101	98	3.0	84	94	11.2	70 - 130	30	
Bromobenzene	ND	250	100	97	3.0	92	96	4.3	70 - 130	30	
Bromochloromethane	ND	250	98	97	1.0	83	91	9.2	70 - 130	30	
Bromodichloromethane	ND	250	98	93	5.2	75	85	12.5	70 - 130	30	
Bromoform	ND	250	93	92	1.1	66	74	11.4	70 - 130	30	m
Bromomethane	ND	250	79	80	1.3	57	73	24.6	70 - 130	30	m
Carbon Disulfide	ND	250	102	99	3.0	78	95	19.7	70 - 130	30	
Carbon tetrachloride	ND	250	98	95	3.1	67	84	22.5	70 - 130	30	m
Chlorobenzene	ND	250	102	101	1.0	90	97	7.5	70 - 130	30	
Chloroethane	ND	250	34	33	3.0	29	34	15.9	70 - 130	30	l,m
Chloroform	ND	250	98	95	3.1	76	89	15.8	70 - 130	30	
Chloromethane	ND	250	113	109	3.6	89	104	15.5	70 - 130	30	
cis-1,2-Dichloroethene	ND	250	102	98	4.0	84	93	10.2	70 - 130	30	
cis-1,3-Dichloropropene	ND	250	100	98	2.0	80	90	11.8	70 - 130	30	
Dibromochloromethane	ND	150	98	96	2.1	73	80	9.2	70 - 130	30	
Dibromomethane	ND	250	97	93	4.2	80	89	10.7	70 - 130	30	
Dichlorodifluoromethane	ND	250	137	131	4.5	111	131	16.5	70 - 130	30	l,m
Ethylbenzene	ND	250	102	102	0.0	91	98	7.4	70 - 130	30	
Hexachlorobutadiene	ND	250	106	104	1.9	92	99	7.3	70 - 130	30	
Isopropylbenzene	ND	250	100	99	1.0	90	97	7.5	70 - 130	30	
m&p-Xylene	ND	250	102	101	1.0	88	97	9.7	70 - 130	30	
Methyl ethyl ketone	ND	250	96	88	8.7	85	91	6.8	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	250	107	103	3.8	87	111	24.2	70 - 130	30	
Methylene chloride	ND	250	76	73	4.0	63	75	17.4	70 - 130	30	m
Naphthalene	ND	250	102	99	3.0	95	101	6.1	70 - 130	30	
n-Butylbenzene	ND	250	106	104	1.9	91	98	7.4	70 - 130	30	
n-Propylbenzene	ND	250	103	101	2.0	91	99	8.4	70 - 130	30	
o-Xylene	ND	250	102	102	0.0	89	98	9.6	70 - 130	30	
p-Isopropyltoluene	ND	250	104	102	1.9	93	99	6.3	70 - 130	30	
sec-Butylbenzene	ND	250	108	107	0.9	98	105	6.9	70 - 130	30	
Styrene	ND	250	101	101	0.0	91	96	5.3	70 - 130	30	
tert-Butylbenzene	ND	250	100	98	2.0	92	97	5.3	70 - 130	30	
Tetrachloroethene	ND	250	106	103	2.9	90	101	11.5	70 - 130	30	
Tetrahydrofuran (THF)	ND	250	104	100	3.9	89	97	8.6	70 - 130	30	

QA/QC Data

SDG I.D.: GCE46224

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Toluene	ND	250	103	100	3.0	86	97	12.0	70 - 130	30	
trans-1,2-Dichloroethene	ND	250	99	96	3.1	81	98	19.0	70 - 130	30	
trans-1,3-Dichloropropene	ND	250	97	95	2.1	80	87	8.4	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	250	109	104	4.7	83	88	5.8	70 - 130	30	
Trichloroethene	ND	250	100	99	1.0	86	96	11.0	70 - 130	30	
Trichlorofluoromethane	ND	250	32	31	3.2	26	31	17.5	70 - 130	30	l,m
Trichlorotrifluoroethane	ND	250	106	103	2.9	87	105	18.8	70 - 130	30	
Vinyl chloride	ND	250	104	103	1.0	86	101	16.0	70 - 130	30	
% 1,2-dichlorobenzene-d4	101	%	99	99	0.0	99	99	0.0	70 - 130	30	
% Bromofluorobenzene	99	%	99	99	0.0	98	98	0.0	70 - 130	30	
% Dibromofluoromethane	97	%	100	101	1.0	98	98	0.0	70 - 130	30	
% Toluene-d8	99	%	102	101	1.0	100	100	0.0	70 - 130	30	

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.
m = This parameter is outside laboratory MS/MSD specified recovery limits.
r = This parameter is outside laboratory RPD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
October 29, 2019

Tuesday, October 29, 2019

Criteria: None

State: NY

Sample Criteria Exceedances Report

GCE46224 - ENVIROTR

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

October 29, 2019 SDG I.D.: GCE46224

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report:

SVOA Narration

CHEM06 10/24/19-1: CE46224

For 8270 full list, the DDT breakdown and pentachlorophenol & benzidine peak tailing were evaluated in the DFTPP tune and were found to be in control.
For 8270 BN list, benzidine peak tailing was evaluated in the DFTPP tune and was found to be in control.

The following Initial Calibration compounds did not meet recommended response factors: Hexachlorobenzene 0.095 (0.1)
The following Initial Calibration compounds did not meet minimum response factors: None.

The following Continuing Calibration compounds did not meet recommended response factors: Hexachlorobenzene 0.094 (0.1)
The following Continuing Calibration compounds did not meet minimum response factors: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

VOA Narration

CHEM18 10/25/19-1: CE46224

The following Initial Calibration compounds did not meet RSD% criteria: Bromoform 22% (20%), Methylene chloride 30% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.
The following Initial Calibration compounds did not meet recommended response factors: Bromoform 0.083 (0.1)
The following Initial Calibration compounds did not meet minimum response factors: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

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NY Temperature Narration

October 29, 2019

SDG I.D.: GCE46224

The samples in this delivery group were received at 4.0°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Cooler: Yes ☒ No ☐
Coolant: IPK ☒ CE ☐ No ☐
Temp: 4.8 °C Pg of

PHOENIX
Environmental Laboratories, Inc.

NY/NJ/PA CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Contact Options:
☐ Phone:
☐ Fax:
☒ Email: JeffB@Envirotac.com

Customer: Envirotac LTD
Address: 5 Old Dock Rd
Yaphank NY 11980

Project: 96-81 Metropolitan Ave Ridgewood
Report to: Jeff Bohlen
Invoice to: Jeff Bohlen
QUOTE # :

Project P.O:

This section MUST be completed with Bottle Quantities.

Sampler's Signature: [signature] Date: 10/22/19

Client Sample - Information - Identification

Matrix Code:
DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe
OIL=Oil B=Bulk L=Liquid

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	RCRA 8 metals	total VOCs	total SVOCs	GL Amber 8 oz. w/H3PO4	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL NaOH 250ml	PL HNO3 250ml	Bacteria Bottle w/hio	Bacteria Bottle as is
46224	waste class	S	10/22/19	13:50	X	X	X				3								

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	10/22/19	9:30
[signature]	[signature]	10-23-19	1500

Comments, Special Requirements or Regulations:

Data Format:
☐ Phoenix Std Report ☐ EQuIS
☐ Excel ☐ NJ Hazsite EDD
☐ PDF ☐ NY EZ EDD (ASP)
☐ GIS/Key ☐ Other

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☒ 5 Days
☐ 10 Days
☐ Other
* SURCHARGE

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ Impact to GW soil screen Criteria
☐ GW Criteria

Data Package:
☐ NJ Reduced Deliv. * ☐ Other
☐ NY Enhanced (ASP B) *

NY
☐ TOGS GW
☐ CP-51 SOIL
☐ 375SCO Unrestricted Soil
☐ 375SCO Residential Soil
☐ 375SCO Residential
☐ 375SCO Commercial Soil
☐ 375SCO Industrial Soil
☐ Subpart 5 DW

PA
☐ Clean Fill Limits
☐ PA-GW
☐ Reg Fill Limits
☐ PA Soil Restricted
☐ PA Soil non-restricted

State Samples Collected? N

Monday, November 04, 2019

Attn: Jeff Bohlen
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Project ID: **46-81 METROPOLITAN AVE, NY**
SDG ID: **GCE49795**
Sample ID#s: CE49795 - CE49805

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Sample Id Cross Reference

November 04, 2019

SDG I.D.: GCE49795

Project ID: 46-81 METROPOLITAN AVE, NY

Client Id	Lab Id	Matrix
MW#1	CE49795	GROUND WATER
MW#2	CE49796	GROUND WATER
MW#3	CE49797	GROUND WATER
MW#4	CE49798	GROUND WATER
MW#5	CE49799	GROUND WATER
MW#6	CE49800	GROUND WATER
MW#7	CE49801	GROUND WATER
MW#8	CE49802	GROUND WATER
MW#10	CE49803	GROUND WATER
MW#11	CE49804	GROUND WATER
MW#12	CE49805	GROUND WATER

Environmental Laboratories, Inc.
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 04, 2019

FOR: Attn: Jeff Bohlen
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		10/28/19	11:34
Location Code:	ENVIROTR	Received by:	CP	10/29/19	15:26
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCE49795
Phoenix ID: CE49795

Project ID: 46-81 METROPOLITAN AVE, NY
Client ID: MW#1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Semi-Volatile Extraction	Completed				10/29/19	P/AK	SW3520C
Volatiles- Stars/CP-51							
1,2,4-Trimethylbenzene	ND	2.0	ug/L	2	10/30/19	HM	SW8260C
1,3,5-Trimethylbenzene	ND	2.0	ug/L	2	10/30/19	HM	SW8260C
Benzene	4.0	1.4	ug/L	2	10/30/19	HM	SW8260C
Ethylbenzene	ND	2.0	ug/L	2	10/30/19	HM	SW8260C
Isopropylbenzene	ND	2.0	ug/L	2	10/30/19	HM	SW8260C
m&p-Xylene	ND	4.0	ug/L	2	10/30/19	HM	SW8260C
Methyl t-butyl ether (MTBE)	2.1	2.0	ug/L	2	10/30/19	HM	SW8260C
Naphthalene	3.4	2.0	ug/L	2	10/30/19	HM	SW8260C
n-Butylbenzene	ND	2.0	ug/L	2	10/30/19	HM	SW8260C
n-Propylbenzene	ND	2.0	ug/L	2	10/30/19	HM	SW8260C
o-Xylene	ND	4.0	ug/L	2	10/30/19	HM	SW8260C
p-Isopropyltoluene	ND	2.0	ug/L	2	10/30/19	HM	SW8260C
sec-Butylbenzene	ND	2.0	ug/L	2	10/30/19	HM	SW8260C
tert-Butylbenzene	ND	2.0	ug/L	2	10/30/19	HM	SW8260C
Toluene	ND	2.0	ug/L	2	10/30/19	HM	SW8260C
Total Xylenes	ND	4.0	ug/L	2	10/30/19	HM	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4 (2x)	100		%	2	10/30/19	HM	70 - 130 %
% Bromofluorobenzene (2x)	96		%	2	10/30/19	HM	70 - 130 %
% Dibromofluoromethane (2x)	102		%	2	10/30/19	HM	70 - 130 %
% Toluene-d8 (2x)	100		%	2	10/30/19	HM	70 - 130 %
Semivolatiles by SIM, PAH							
2-Methylnaphthalene	3.0	0.49	ug/L	1	10/30/19	WB	SW8270D (SIM)
Acenaphthene	ND	0.49	ug/L	1	10/30/19	WB	SW8270D (SIM)

Project ID: 46-81 METROPOLITAN AVE, NY
Client ID: MW#1

Phoenix I.D.: CE49795

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acenaphthylene	1.1	0.49	ug/L	1	10/30/19	WB	SW8270D (SIM)
Anthracene	ND	0.49	ug/L	1	10/30/19	WB	SW8270D (SIM)
Benz(a)anthracene	0.10	0.10	ug/L	1	10/30/19	WB	SW8270D (SIM)
Benzo(a)pyrene	ND	0.10	ug/L	1	10/30/19	WB	SW8270D (SIM)
Benzo(b)fluoranthene	ND	0.20	ug/L	1	10/30/19	WB	SW8270D (SIM)
Benzo(ghi)perylene	ND	0.49	ug/L	1	10/30/19	WB	SW8270D (SIM)
Benzo(k)fluoranthene	ND	0.49	ug/L	1	10/30/19	WB	SW8270D (SIM)
Chrysene	ND	0.49	ug/L	1	10/30/19	WB	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.29	ug/L	1	10/30/19	WB	SW8270D (SIM)
Fluoranthene	ND	0.49	ug/L	1	10/30/19	WB	SW8270D (SIM)
Fluorene	ND	0.49	ug/L	1	10/30/19	WB	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	1	10/30/19	WB	SW8270D (SIM)
Naphthalene	3.2	0.49	ug/L	1	10/30/19	WB	SW8270D (SIM)
Phenanthrene	1.0	0.29	ug/L	1	10/30/19	WB	SW8270D (SIM)
Pyrene	ND	0.49	ug/L	1	10/30/19	WB	SW8270D (SIM)
QA/QC Surrogates							
% 2-Fluorobiphenyl	47		%	1	10/30/19	WB	30 - 130 %
% Nitrobenzene-d5	80		%	1	10/30/19	WB	30 - 130 %
% Terphenyl-d14	51		%	1	10/30/19	WB	30 - 130 %

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
Elevated reporting limits due to the foamy nature of the sample.

CE49795 - The pH in the preserved volatile vial was greater than 2. A negative bias may have occurred.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
November 04, 2019
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 04, 2019

FOR: Attn: Jeff Bohlen
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		10/28/19	11:47
Location Code:	ENVIROTR	Received by:	CP	10/29/19	15:26
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCE49795
Phoenix ID: CE49796

Project ID: 46-81 METROPOLITAN AVE, NY
Client ID: MW#2

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Semi-Volatile Extraction	Completed				10/29/19	P/AK	SW3520C
Volatiles- Stars/CP-51							
1,2,4-Trimethylbenzene	ND	2.0	ug/L	2	10/30/19	HM	SW8260C
1,3,5-Trimethylbenzene	ND	2.0	ug/L	2	10/30/19	HM	SW8260C
Benzene	8.9	1.4	ug/L	2	10/30/19	HM	SW8260C
Ethylbenzene	13	2.0	ug/L	2	10/30/19	HM	SW8260C
Isopropylbenzene	ND	2.0	ug/L	2	10/30/19	HM	SW8260C
m&p-Xylene	ND	4.0	ug/L	2	10/30/19	HM	SW8260C
Methyl t-butyl ether (MTBE)	3.0	2.0	ug/L	2	10/30/19	HM	SW8260C
Naphthalene	4.0	2.0	ug/L	2	10/30/19	HM	SW8260C
n-Butylbenzene	ND	2.0	ug/L	2	10/30/19	HM	SW8260C
n-Propylbenzene	3.3	2.0	ug/L	2	10/30/19	HM	SW8260C
o-Xylene	ND	4.0	ug/L	2	10/30/19	HM	SW8260C
p-Isopropyltoluene	ND	2.0	ug/L	2	10/30/19	HM	SW8260C
sec-Butylbenzene	ND	2.0	ug/L	2	10/30/19	HM	SW8260C
tert-Butylbenzene	ND	2.0	ug/L	2	10/30/19	HM	SW8260C
Toluene	2.3	2.0	ug/L	2	10/30/19	HM	SW8260C
Total Xylenes	ND	4.0	ug/L	2	10/30/19	HM	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4 (2x)	101		%	2	10/30/19	HM	70 - 130 %
% Bromofluorobenzene (2x)	97		%	2	10/30/19	HM	70 - 130 %
% Dibromofluoromethane (2x)	89		%	2	10/30/19	HM	70 - 130 %
% Toluene-d8 (2x)	100		%	2	10/30/19	HM	70 - 130 %
Semivolatiles by SIM, PAH							
2-Methylnaphthalene	2.2	0.50	ug/L	1	10/30/19	WB	SW8270D (SIM)
Acenaphthene	9.2	0.50	ug/L	1	10/30/19	WB	SW8270D (SIM)

Project ID: 46-81 METROPOLITAN AVE, NY
Client ID: MW#2

Phoenix I.D.: CE49796

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acenaphthylene	ND	0.50	ug/L	1	10/30/19	WB	SW8270D (SIM)
Anthracene	ND	0.50	ug/L	1	10/30/19	WB	SW8270D (SIM)
Benz(a)anthracene	ND	0.10	ug/L	1	10/30/19	WB	SW8270D (SIM)
Benzo(a)pyrene	ND	0.10	ug/L	1	10/30/19	WB	SW8270D (SIM)
Benzo(b)fluoranthene	ND	0.20	ug/L	1	10/30/19	WB	SW8270D (SIM)
Benzo(ghi)perylene	ND	0.50	ug/L	1	10/30/19	WB	SW8270D (SIM)
Benzo(k)fluoranthene	ND	0.50	ug/L	1	10/30/19	WB	SW8270D (SIM)
Chrysene	ND	0.50	ug/L	1	10/30/19	WB	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.30	ug/L	1	10/30/19	WB	SW8270D (SIM)
Fluoranthene	ND	0.50	ug/L	1	10/30/19	WB	SW8270D (SIM)
Fluorene	ND	0.50	ug/L	1	10/30/19	WB	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	1	10/30/19	WB	SW8270D (SIM)
Naphthalene	4.4	0.50	ug/L	1	10/30/19	WB	SW8270D (SIM)
Phenanthrene	0.56	0.30	ug/L	1	10/30/19	WB	SW8270D (SIM)
Pyrene	ND	0.50	ug/L	1	10/30/19	WB	SW8270D (SIM)
QA/QC Surrogates							
% 2-Fluorobiphenyl	53		%	1	10/30/19	WB	30 - 130 %
% Nitrobenzene-d5	82		%	1	10/30/19	WB	30 - 130 %
% Terphenyl-d14	64		%	1	10/30/19	WB	30 - 130 %

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
Elevated reporting limits due to the foamy nature of the sample.

CE49796 - The pH in the preserved volatile vial was greater than 2. A negative bias may have occurred.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
November 04, 2019
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 04, 2019

FOR: Attn: Jeff Bohlen
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		10/28/19	11:52
Location Code:	ENVIROTR	Received by:	CP	10/29/19	15:26
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCE49795
Phoenix ID: CE49797

Project ID: 46-81 METROPOLITAN AVE, NY
Client ID: MW#3

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Semi-Volatile Extraction	Completed				10/29/19	P/AK	SW3520C
Volatiles- Stars/CP-51							
1,2,4-Trimethylbenzene	ND	2.0	ug/L	2	10/30/19	HM	SW8260C
1,3,5-Trimethylbenzene	ND	2.0	ug/L	2	10/30/19	HM	SW8260C
Benzene	2.2	1.4	ug/L	2	10/30/19	HM	SW8260C
Ethylbenzene	ND	2.0	ug/L	2	10/30/19	HM	SW8260C
Isopropylbenzene	ND	2.0	ug/L	2	10/30/19	HM	SW8260C
m&p-Xylene	ND	4.0	ug/L	2	10/30/19	HM	SW8260C
Methyl t-butyl ether (MTBE)	ND	2.0	ug/L	2	10/30/19	HM	SW8260C
Naphthalene	ND	2.0	ug/L	2	10/30/19	HM	SW8260C
n-Butylbenzene	ND	2.0	ug/L	2	10/30/19	HM	SW8260C
n-Propylbenzene	ND	2.0	ug/L	2	10/30/19	HM	SW8260C
o-Xylene	ND	4.0	ug/L	2	10/30/19	HM	SW8260C
p-Isopropyltoluene	ND	2.0	ug/L	2	10/30/19	HM	SW8260C
sec-Butylbenzene	ND	2.0	ug/L	2	10/30/19	HM	SW8260C
tert-Butylbenzene	ND	2.0	ug/L	2	10/30/19	HM	SW8260C
Toluene	ND	2.0	ug/L	2	10/30/19	HM	SW8260C
Total Xylenes	ND	4.0	ug/L	2	10/30/19	HM	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4 (2x)	100		%	2	10/30/19	HM	70 - 130 %
% Bromofluorobenzene (2x)	95		%	2	10/30/19	HM	70 - 130 %
% Dibromofluoromethane (2x)	85		%	2	10/30/19	HM	70 - 130 %
% Toluene-d8 (2x)	100		%	2	10/30/19	HM	70 - 130 %
Semivolatiles by SIM, PAH							
2-Methylnaphthalene	1.7	0.50	ug/L	1	10/30/19	WB	SW8270D (SIM)
Acenaphthene	8.2	0.50	ug/L	1	10/30/19	WB	SW8270D (SIM)

Project ID: 46-81 METROPOLITAN AVE, NY
Client ID: MW#3

Phoenix I.D.: CE49797

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acenaphthylene	ND	0.50	ug/L	1	10/30/19	WB	SW8270D (SIM)
Anthracene	ND	0.50	ug/L	1	10/30/19	WB	SW8270D (SIM)
Benz(a)anthracene	ND	0.10	ug/L	1	10/30/19	WB	SW8270D (SIM)
Benzo(a)pyrene	ND	0.10	ug/L	1	10/30/19	WB	SW8270D (SIM)
Benzo(b)fluoranthene	ND	0.20	ug/L	1	10/30/19	WB	SW8270D (SIM)
Benzo(ghi)perylene	ND	0.50	ug/L	1	10/30/19	WB	SW8270D (SIM)
Benzo(k)fluoranthene	ND	0.50	ug/L	1	10/30/19	WB	SW8270D (SIM)
Chrysene	ND	0.50	ug/L	1	10/30/19	WB	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.30	ug/L	1	10/30/19	WB	SW8270D (SIM)
Fluoranthene	ND	0.50	ug/L	1	10/30/19	WB	SW8270D (SIM)
Fluorene	ND	0.50	ug/L	1	10/30/19	WB	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	1	10/30/19	WB	SW8270D (SIM)
Naphthalene	1.1	0.50	ug/L	1	10/30/19	WB	SW8270D (SIM)
Phenanthrene	0.60	0.30	ug/L	1	10/30/19	WB	SW8270D (SIM)
Pyrene	ND	0.50	ug/L	1	10/30/19	WB	SW8270D (SIM)
QA/QC Surrogates							
% 2-Fluorobiphenyl	47		%	1	10/30/19	WB	30 - 130 %
% Nitrobenzene-d5	65		%	1	10/30/19	WB	30 - 130 %
% Terphenyl-d14	39		%	1	10/30/19	WB	30 - 130 %

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
Elevated reporting limits due to the foamy nature of the sample.

CE49797 - The pH in the preserved volatile vial was greater than 2. A negative bias may have occurred.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
November 04, 2019
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 04, 2019

FOR: Attn: Jeff Bohlen
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		10/28/19	12:01
Location Code:	ENVIROTR	Received by:	CP	10/29/19	15:26
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCE49795
Phoenix ID: CE49798

Project ID: 46-81 METROPOLITAN AVE, NY
Client ID: MW#4

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Semi-Volatile Extraction	Completed				10/29/19	P/AK	SW3520C
Volatiles- Stars/CP-51							
1,2,4-Trimethylbenzene	8.6	2.0	ug/L	2	10/30/19	HM	SW8260C
1,3,5-Trimethylbenzene	2.5	2.0	ug/L	2	10/30/19	HM	SW8260C
Benzene	2.4	1.4	ug/L	2	10/30/19	HM	SW8260C
Ethylbenzene	7.9	2.0	ug/L	2	10/30/19	HM	SW8260C
Isopropylbenzene	ND	2.0	ug/L	2	10/30/19	HM	SW8260C
m&p-Xylene	30	4.0	ug/L	2	10/30/19	HM	SW8260C
Methyl t-butyl ether (MTBE)	ND	2.0	ug/L	2	10/30/19	HM	SW8260C
Naphthalene	3.0	2.0	ug/L	2	10/30/19	HM	SW8260C
n-Butylbenzene	ND	2.0	ug/L	2	10/30/19	HM	SW8260C
n-Propylbenzene	ND	2.0	ug/L	2	10/30/19	HM	SW8260C
o-Xylene	17	4.0	ug/L	2	10/30/19	HM	SW8260C
p-Isopropyltoluene	ND	2.0	ug/L	2	10/30/19	HM	SW8260C
sec-Butylbenzene	ND	2.0	ug/L	2	10/30/19	HM	SW8260C
tert-Butylbenzene	ND	2.0	ug/L	2	10/30/19	HM	SW8260C
Toluene	32	2.0	ug/L	2	10/30/19	HM	SW8260C
Total Xylenes	47.0	4.0	ug/L	2	10/30/19	HM	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4 (2x)	99		%	2	10/30/19	HM	70 - 130 %
% Bromofluorobenzene (2x)	97		%	2	10/30/19	HM	70 - 130 %
% Dibromofluoromethane (2x)	95		%	2	10/30/19	HM	70 - 130 %
% Toluene-d8 (2x)	101		%	2	10/30/19	HM	70 - 130 %
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	170	ug/L	10	10/30/19	AW	SW8270D
Acenaphthene	ND	170	ug/L	10	10/30/19	AW	SW8270D

Project ID: 46-81 METROPOLITAN AVE, NY
Client ID: MW#4

Phoenix I.D.: CE49798

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Acenaphthylene	ND	170	ug/L	10	10/30/19	AW	SW8270D	
Anthracene	ND	170	ug/L	10	10/30/19	AW	SW8270D	
Benz(a)anthracene	ND	170	ug/L	10	10/30/19	AW	SW8270D	
Benzo(a)pyrene	ND	170	ug/L	10	10/30/19	AW	SW8270D	
Benzo(b)fluoranthene	ND	170	ug/L	10	10/30/19	AW	SW8270D	
Benzo(ghi)perylene	ND	170	ug/L	10	10/30/19	AW	SW8270D	
Benzo(k)fluoranthene	ND	170	ug/L	10	10/30/19	AW	SW8270D	
Chrysene	ND	170	ug/L	10	10/30/19	AW	SW8270D	
Dibenz(a,h)anthracene	ND	170	ug/L	10	10/30/19	AW	SW8270D	
Fluoranthene	ND	170	ug/L	10	10/30/19	AW	SW8270D	
Fluorene	ND	170	ug/L	10	10/30/19	AW	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	170	ug/L	10	10/30/19	AW	SW8270D	
Naphthalene	ND	170	ug/L	10	10/30/19	AW	SW8270D	
Phenanthrene	ND	170	ug/L	10	10/30/19	AW	SW8270D	
Pyrene	ND	170	ug/L	10	10/30/19	AW	SW8270D	
QA/QC Surrogates								
% 2-Fluorobiphenyl (10x)	86		%	10	10/30/19	AW	30 - 130 %	
% Nitrobenzene-d5 (10x)	175		%	10	10/30/19	AW	30 - 130 %	3
% Terphenyl-d14 (10x)	116		%	10	10/30/19	AW	30 - 130 %	

3 = This parameter exceeds laboratory specified limits.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
Elevated reporting limits due to the foamy nature of the sample.

CE49798 - The pH in the preserved volatile vial was greater than 2. A negative bias may have occurred.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
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Phyllis Shiller, Laboratory Director
November 04, 2019
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 04, 2019

FOR: Attn: Jeff Bohlen
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		10/28/19	12:12
Location Code:	ENVIROTR	Received by:	CP	10/29/19	15:26
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCE49795
Phoenix ID: CE49799

Project ID: 46-81 METROPOLITAN AVE, NY
Client ID: MW#5

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Semi-Volatile Extraction	Completed				10/29/19	P/AK	SW3520C
Volatiles- Stars/CP-51							
1,2,4-Trimethylbenzene	630	10	ug/L	10	10/31/19	HM	SW8260C
1,3,5-Trimethylbenzene	170	1.0	ug/L	1	10/30/19	HM	SW8260C
Benzene	7.9	0.70	ug/L	1	10/30/19	HM	SW8260C
Ethylbenzene	180	10	ug/L	10	10/31/19	HM	SW8260C
Isopropylbenzene	30	1.0	ug/L	1	10/30/19	HM	SW8260C
m&p-Xylene	770	20	ug/L	10	10/31/19	HM	SW8260C
Methyl t-butyl ether (MTBE)	5.4	1.0	ug/L	1	10/30/19	HM	SW8260C
Naphthalene	89	1.0	ug/L	1	10/30/19	HM	SW8260C
n-Butylbenzene	15	1.0	ug/L	1	10/30/19	HM	SW8260C
n-Propylbenzene	98	1.0	ug/L	1	10/30/19	HM	SW8260C
o-Xylene	360	20	ug/L	10	10/31/19	HM	SW8260C
p-Isopropyltoluene	6.8	1.0	ug/L	1	10/30/19	HM	SW8260C
sec-Butylbenzene	10	1.0	ug/L	1	10/30/19	HM	SW8260C
tert-Butylbenzene	ND	1.0	ug/L	1	10/30/19	HM	SW8260C
Toluene	290	10	ug/L	10	10/31/19	HM	SW8260C
Total Xylenes	1130	20	ug/L	10	10/31/19	HM	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	1	10/30/19	HM	70 - 130 %
% Bromofluorobenzene	103		%	1	10/30/19	HM	70 - 130 %
% Dibromofluoromethane	100		%	1	10/30/19	HM	70 - 130 %
% Toluene-d8	100		%	1	10/30/19	HM	70 - 130 %
% 1,2-dichlorobenzene-d4 (10x)	100		%	10	10/31/19	HM	70 - 130 %
% Bromofluorobenzene (10x)	93		%	10	10/31/19	HM	70 - 130 %
% Dibromofluoromethane (10x)	100		%	10	10/31/19	HM	70 - 130 %
% Toluene-d8 (10x)	98		%	10	10/31/19	HM	70 - 130 %

Project ID: 46-81 METROPOLITAN AVE, NY
Client ID: MW#5

Phoenix I.D.: CE49799

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Semivolatiles by SIM, PAH								
2-Methylnaphthalene	25	0.50	ug/L	5	10/31/19	WB	SW8270D (SIM)	
Acenaphthene	3.6	0.50	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Acenaphthylene	ND	0.50	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Anthracene	ND	0.50	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Benz(a)anthracene	ND	0.10	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Benzo(a)pyrene	ND	0.10	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Benzo(b)fluoranthene	ND	0.20	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Benzo(ghi)perylene	ND	0.50	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Benzo(k)fluoranthene	ND	0.50	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Chrysene	ND	0.50	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Dibenz(a,h)anthracene	ND	0.30	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Fluoranthene	ND	0.50	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Fluorene	0.97	0.50	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Naphthalene	43	0.50	ug/L	5	10/31/19	WB	SW8270D (SIM)	
Phenanthrene	1.2	0.30	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Pyrene	ND	0.50	ug/L	1	10/30/19	WB	SW8270D (SIM)	
QA/QC Surrogates								
% 2-Fluorobiphenyl	50		%	1	10/30/19	WB	30 - 130 %	
% Nitrobenzene-d5	70		%	1	10/30/19	WB	30 - 130 %	
% Terphenyl-d14	31		%	1	10/30/19	WB	30 - 130 %	
% 2-Fluorobiphenyl (5x)	56		%	5	10/31/19	WB	30 - 130 %	
% Nitrobenzene-d5 (5x)	145		%	5	10/31/19	WB	30 - 130 %	3
% Terphenyl-d14 (5x)	33		%	5	10/31/19	WB	30 - 130 %	

3 = This parameter exceeds laboratory specified limits.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Semi-Volatile Comment:
One of the surrogate recoveries was above the upper range due to sample matrix interference. The other surrogates associated with this sample were within QA/QC criteria. No significant bias is suspected.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
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Phyllis Shiller, Laboratory Director
November 04, 2019
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 04, 2019

FOR: Attn: Jeff Bohlen
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		10/28/19	11:07
Location Code:	ENVIROTR	Received by:	CP	10/29/19	15:26
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCE49795
Phoenix ID: CE49800

Project ID: 46-81 METROPOLITAN AVE, NY
Client ID: MW#6

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Semi-Volatile Extraction	Completed				10/29/19	P/AK	SW3520C
Volatiles- Stars/CP-51							
1,2,4-Trimethylbenzene	4.4	2.0	ug/L	2	10/31/19	HM	SW8260C
1,3,5-Trimethylbenzene	2.1	2.0	ug/L	2	10/31/19	HM	SW8260C
Benzene	4.4	1.4	ug/L	2	10/31/19	HM	SW8260C
Ethylbenzene	ND	2.0	ug/L	2	10/31/19	HM	SW8260C
Isopropylbenzene	ND	2.0	ug/L	2	10/31/19	HM	SW8260C
m&p-Xylene	5.0	4.0	ug/L	2	10/31/19	HM	SW8260C
Methyl t-butyl ether (MTBE)	14	2.0	ug/L	2	10/31/19	HM	SW8260C
Naphthalene	8.2	2.0	ug/L	2	10/31/19	HM	SW8260C
n-Butylbenzene	ND	2.0	ug/L	2	10/31/19	HM	SW8260C
n-Propylbenzene	ND	2.0	ug/L	2	10/31/19	HM	SW8260C
o-Xylene	ND	4.0	ug/L	2	10/31/19	HM	SW8260C
p-Isopropyltoluene	ND	2.0	ug/L	2	10/31/19	HM	SW8260C
sec-Butylbenzene	ND	2.0	ug/L	2	10/31/19	HM	SW8260C
tert-Butylbenzene	ND	2.0	ug/L	2	10/31/19	HM	SW8260C
Toluene	8.9	2.0	ug/L	2	10/31/19	HM	SW8260C
Total Xylenes	5.0	4.0	ug/L	2	10/31/19	HM	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4 (2x)	100		%	2	10/31/19	HM	70 - 130 %
% Bromofluorobenzene (2x)	95		%	2	10/31/19	HM	70 - 130 %
% Dibromofluoromethane (2x)	100		%	2	10/31/19	HM	70 - 130 %
% Toluene-d8 (2x)	100		%	2	10/31/19	HM	70 - 130 %
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	180	ug/L	10	10/30/19	AW	SW8270D
Acenaphthene	ND	180	ug/L	10	10/30/19	AW	SW8270D

Project ID: 46-81 METROPOLITAN AVE, NY
Client ID: MW#6

Phoenix I.D.: CE49800

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Acenaphthylene	ND	180	ug/L	10	10/30/19	AW	SW8270D	
Anthracene	ND	180	ug/L	10	10/30/19	AW	SW8270D	
Benz(a)anthracene	ND	180	ug/L	10	10/30/19	AW	SW8270D	
Benzo(a)pyrene	ND	180	ug/L	10	10/30/19	AW	SW8270D	
Benzo(b)fluoranthene	ND	180	ug/L	10	10/30/19	AW	SW8270D	
Benzo(ghi)perylene	ND	180	ug/L	10	10/30/19	AW	SW8270D	
Benzo(k)fluoranthene	ND	180	ug/L	10	10/30/19	AW	SW8270D	
Chrysene	ND	180	ug/L	10	10/30/19	AW	SW8270D	
Dibenz(a,h)anthracene	ND	180	ug/L	10	10/30/19	AW	SW8270D	
Fluoranthene	ND	180	ug/L	10	10/30/19	AW	SW8270D	
Fluorene	ND	180	ug/L	10	10/30/19	AW	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	180	ug/L	10	10/30/19	AW	SW8270D	
Naphthalene	ND	180	ug/L	10	10/30/19	AW	SW8270D	
Phenanthrene	ND	180	ug/L	10	10/30/19	AW	SW8270D	
Pyrene	ND	180	ug/L	10	10/30/19	AW	SW8270D	
QA/QC Surrogates								
% 2-Fluorobiphenyl (10x)	85		%	10	10/30/19	AW	30 - 130 %	
% Nitrobenzene-d5 (10x)	149		%	10	10/30/19	AW	30 - 130 %	3
% Terphenyl-d14 (10x)	134		%	10	10/30/19	AW	30 - 130 %	3

3 = This parameter exceeds laboratory specified limits.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
Elevated reporting limits due to the foamy nature of the sample.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
November 04, 2019
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 04, 2019

FOR: Attn: Jeff Bohlen
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		10/28/19	11:02
Location Code:	ENVIROTR	Received by:	CP	10/29/19	15:26
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCE49795
Phoenix ID: CE49801

Project ID: 46-81 METROPOLITAN AVE, NY
Client ID: MW#7

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Semi-Volatile Extraction	Completed				10/29/19	P/AK	SW3520C
Volatiles- Stars/CP-51							
1,2,4-Trimethylbenzene	87	1.0	ug/L	1	10/30/19	HM	SW8260C
1,3,5-Trimethylbenzene	24	1.0	ug/L	1	10/30/19	HM	SW8260C
Benzene	16	0.70	ug/L	1	10/30/19	HM	SW8260C
Ethylbenzene	21	1.0	ug/L	1	10/30/19	HM	SW8260C
Isopropylbenzene	2.5	1.0	ug/L	1	10/30/19	HM	SW8260C
m&p-Xylene	93	2.0	ug/L	1	10/30/19	HM	SW8260C
Methyl t-butyl ether (MTBE)	30	1.0	ug/L	1	10/30/19	HM	SW8260C
Naphthalene	90	1.0	ug/L	1	10/30/19	HM	SW8260C
n-Butylbenzene	2.1	1.0	ug/L	1	10/30/19	HM	SW8260C
n-Propylbenzene	8.2	1.0	ug/L	1	10/30/19	HM	SW8260C
o-Xylene	49	2.0	ug/L	1	10/30/19	HM	SW8260C
p-Isopropyltoluene	ND	1.0	ug/L	1	10/30/19	HM	SW8260C
sec-Butylbenzene	1.3	1.0	ug/L	1	10/30/19	HM	SW8260C
tert-Butylbenzene	ND	1.0	ug/L	1	10/30/19	HM	SW8260C
Toluene	67	1.0	ug/L	1	10/30/19	HM	SW8260C
Total Xylenes	142.0	2.0	ug/L	1	10/30/19	HM	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	1	10/30/19	HM	70 - 130 %
% Bromofluorobenzene	99		%	1	10/30/19	HM	70 - 130 %
% Dibromofluoromethane	77		%	1	10/30/19	HM	70 - 130 %
% Toluene-d8	100		%	1	10/30/19	HM	70 - 130 %
Polynuclear Aromatic HC							
2-Methylnaphthalene	ND	170	ug/L	10	10/30/19	AW	SW8270D
Acenaphthene	ND	170	ug/L	10	10/30/19	AW	SW8270D

Project ID: 46-81 METROPOLITAN AVE, NY
Client ID: MW#7

Phoenix I.D.: CE49801

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Acenaphthylene	ND	170	ug/L	10	10/30/19	AW	SW8270D	
Anthracene	ND	170	ug/L	10	10/30/19	AW	SW8270D	
Benz(a)anthracene	ND	170	ug/L	10	10/30/19	AW	SW8270D	
Benzo(a)pyrene	ND	170	ug/L	10	10/30/19	AW	SW8270D	
Benzo(b)fluoranthene	ND	170	ug/L	10	10/30/19	AW	SW8270D	
Benzo(ghi)perylene	ND	170	ug/L	10	10/30/19	AW	SW8270D	
Benzo(k)fluoranthene	ND	170	ug/L	10	10/30/19	AW	SW8270D	
Chrysene	ND	170	ug/L	10	10/30/19	AW	SW8270D	
Dibenz(a,h)anthracene	ND	170	ug/L	10	10/30/19	AW	SW8270D	
Fluoranthene	ND	170	ug/L	10	10/30/19	AW	SW8270D	
Fluorene	ND	170	ug/L	10	10/30/19	AW	SW8270D	
Indeno(1,2,3-cd)pyrene	ND	170	ug/L	10	10/30/19	AW	SW8270D	
Naphthalene	ND	170	ug/L	10	10/30/19	AW	SW8270D	
Phenanthrene	ND	170	ug/L	10	10/30/19	AW	SW8270D	
Pyrene	ND	170	ug/L	10	10/30/19	AW	SW8270D	
QA/QC Surrogates								
% 2-Fluorobiphenyl (10x)	61		%	10	10/30/19	AW	30 - 130 %	
% Nitrobenzene-d5 (10x)	190		%	10	10/30/19	AW	30 - 130 %	3
% Terphenyl-d14 (10x)	87		%	10	10/30/19	AW	30 - 130 %	

3 = This parameter exceeds laboratory specified limits.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

CE49801 - The pH in the preserved volatile vial was greater than 2. A negative bias may have occurred.

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Phyllis Shiller, Laboratory Director
November 04, 2019
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 04, 2019

FOR: Attn: Jeff Bohlen
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		10/28/19	9:30
Location Code:	ENVIROTR	Received by:	CP	10/29/19	15:26
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCE49795
Phoenix ID: CE49802

Project ID: 46-81 METROPOLITAN AVE, NY
Client ID: MW#8

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Semi-Volatile Extraction	Completed				10/29/19	P/AK	SW3520C
Volatiles- Stars/CP-51							
1,2,4-Trimethylbenzene	95	2.0	ug/L	2	10/31/19	HM	SW8260C
1,3,5-Trimethylbenzene	35	2.0	ug/L	2	10/31/19	HM	SW8260C
Benzene	15	1.4	ug/L	2	10/31/19	HM	SW8260C
Ethylbenzene	26	2.0	ug/L	2	10/31/19	HM	SW8260C
Isopropylbenzene	5.0	2.0	ug/L	2	10/31/19	HM	SW8260C
m&p-Xylene	110	4.0	ug/L	2	10/31/19	HM	SW8260C
Methyl t-butyl ether (MTBE)	21	2.0	ug/L	2	10/31/19	HM	SW8260C
Naphthalene	70	2.0	ug/L	2	10/31/19	HM	SW8260C
n-Butylbenzene	2.3	2.0	ug/L	2	10/31/19	HM	SW8260C
n-Propylbenzene	11	2.0	ug/L	2	10/31/19	HM	SW8260C
o-Xylene	45	4.0	ug/L	2	10/31/19	HM	SW8260C
p-Isopropyltoluene	ND	2.0	ug/L	2	10/31/19	HM	SW8260C
sec-Butylbenzene	2.0	2.0	ug/L	2	10/31/19	HM	SW8260C
tert-Butylbenzene	ND	2.0	ug/L	2	10/31/19	HM	SW8260C
Toluene	63	2.0	ug/L	2	10/31/19	HM	SW8260C
Total Xylenes	155.0	4.0	ug/L	2	10/31/19	HM	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4 (2x)	102		%	2	10/31/19	HM	70 - 130 %
% Bromofluorobenzene (2x)	94		%	2	10/31/19	HM	70 - 130 %
% Dibromofluoromethane (2x)	103		%	2	10/31/19	HM	70 - 130 %
% Toluene-d8 (2x)	102		%	2	10/31/19	HM	70 - 130 %
Semivolatiles by SIM, PAH							
2-Methylnaphthalene	27	0.48	ug/L	5	10/31/19	WB	SW8270D (SIM)
Acenaphthene	3.1	0.49	ug/L	1	10/30/19	WB	SW8270D (SIM)

Project ID: 46-81 METROPOLITAN AVE, NY
Client ID: MW#8

Phoenix I.D.: CE49802

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Acenaphthylene	0.52	0.49	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Anthracene	1.4	0.49	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Benz(a)anthracene	1.2	0.10	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Benzo(a)pyrene	0.77	0.10	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Benzo(b)fluoranthene	0.63	0.19	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Benzo(ghi)perylene	ND	0.49	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Benzo(k)fluoranthene	ND	0.49	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Chrysene	1.0	0.49	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Dibenz(a,h)anthracene	ND	0.29	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Fluoranthene	3.2	0.49	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Fluorene	3.7	0.49	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Indeno(1,2,3-cd)pyrene	0.64	0.19	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Naphthalene	44	0.48	ug/L	5	10/31/19	WB	SW8270D (SIM)	
Phenanthrene	6.0	0.29	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Pyrene	2.9	0.49	ug/L	1	10/30/19	WB	SW8270D (SIM)	
QA/QC Surrogates								
% 2-Fluorobiphenyl	54		%	1	10/30/19	WB	30 - 130 %	
% Nitrobenzene-d5	92		%	1	10/30/19	WB	30 - 130 %	
% Terphenyl-d14	29		%	1	10/30/19	WB	30 - 130 %	3
% 2-Fluorobiphenyl (5x)	78		%	5	10/31/19	WB	30 - 130 %	
% Nitrobenzene-d5 (5x)	Interference		%	5	10/31/19	WB	30 - 130 %	
% Terphenyl-d14 (5x)	37		%	5	10/31/19	WB	30 - 130 %	

3 = This parameter exceeds laboratory specified limits.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Semi-Volatile Comment:
Poor surrogate recovery was observed for one acid and/or one base surrogate. The other surrogates associated with this sample were within QA/QC criteria. No significant bias suspected.

Semi-Volatile Comment:
One of the surrogate recoveries was above the upper range due to sample matrix interference. The other surrogates associated with this sample were within QA/QC criteria. No significant bias is suspected.

Volatile Comment:
Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
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Phyllis Shiller, Laboratory Director
November 04, 2019
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 04, 2019

FOR: Attn: Jeff Bohlen
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		10/28/19	13:05
Location Code:	ENVIROTR	Received by:	CP	10/29/19	15:26
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCE49795
Phoenix ID: CE49803

Project ID: 46-81 METROPOLITAN AVE, NY
Client ID: MW#10

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Semi-Volatile Extraction	Completed				10/29/19	P/AK	SW3520C
Volatiles- Stars/CP-51							
1,2,4-Trimethylbenzene	24	1.0	ug/L	1	10/31/19	HM	SW8260C
1,3,5-Trimethylbenzene	7.3	1.0	ug/L	1	10/31/19	HM	SW8260C
Benzene	1.6	0.70	ug/L	1	10/31/19	HM	SW8260C
Ethylbenzene	2.5	1.0	ug/L	1	10/31/19	HM	SW8260C
Isopropylbenzene	6.2	1.0	ug/L	1	10/31/19	HM	SW8260C
m&p-Xylene	4.4	2.0	ug/L	1	10/31/19	HM	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	10/31/19	HM	SW8260C
Naphthalene	20	1.0	ug/L	1	10/31/19	HM	SW8260C
n-Butylbenzene	5.3	1.0	ug/L	1	10/31/19	HM	SW8260C
n-Propylbenzene	5.0	1.0	ug/L	1	10/31/19	HM	SW8260C
o-Xylene	ND	2.0	ug/L	1	10/31/19	HM	SW8260C
p-Isopropyltoluene	1.4	1.0	ug/L	1	10/31/19	HM	SW8260C
sec-Butylbenzene	6.9	1.0	ug/L	1	10/31/19	HM	SW8260C
tert-Butylbenzene	2.9	1.0	ug/L	1	10/31/19	HM	SW8260C
Toluene	ND	1.0	ug/L	1	10/31/19	HM	SW8260C
Total Xylenes	4.4	2.0	ug/L	1	10/31/19	HM	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	1	10/31/19	HM	70 - 130 %
% Bromofluorobenzene	101		%	1	10/31/19	HM	70 - 130 %
% Dibromofluoromethane	99		%	1	10/31/19	HM	70 - 130 %
% Toluene-d8	99		%	1	10/31/19	HM	70 - 130 %
Semivolatiles by SIM, PAH							
2-Methylnaphthalene	1.7	0.49	ug/L	1	10/30/19	WB	SW8270D (SIM)
Acenaphthene	2.6	0.49	ug/L	1	10/30/19	WB	SW8270D (SIM)

Project ID: 46-81 METROPOLITAN AVE, NY
Client ID: MW#10

Phoenix I.D.: CE49803

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Acenaphthylene	0.98	0.49	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Anthracene	1.1	0.49	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Benz(a)anthracene	0.57	0.10	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Benzo(a)pyrene	0.30	0.10	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Benzo(b)fluoranthene	0.32	0.19	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Benzo(ghi)perylene	ND	0.49	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Benzo(k)fluoranthene	ND	0.49	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Chrysene	0.50	0.49	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Dibenz(a,h)anthracene	ND	0.29	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Fluoranthene	1.2	0.49	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Fluorene	3.9	0.49	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Indeno(1,2,3-cd)pyrene	0.32	0.19	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Naphthalene	1.0	0.49	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Phenanthrene	2.8	0.29	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Pyrene	1.5	0.49	ug/L	1	10/30/19	WB	SW8270D (SIM)	
QA/QC Surrogates								
% 2-Fluorobiphenyl	57		%	1	10/30/19	WB	30 - 130 %	
% Nitrobenzene-d5	93		%	1	10/30/19	WB	30 - 130 %	
% Terphenyl-d14	14		%	1	10/30/19	WB	30 - 130 %	3

3 = This parameter exceeds laboratory specified limits.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Semi-Volatile Comment:
Poor surrogate recovery was observed for one acid and/or one base surrogate. The other surrogates associated with this sample were within QA/QC criteria. No significant bias suspected.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
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Phyllis Shiller, Laboratory Director
November 04, 2019
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 04, 2019

FOR: Attn: Jeff Bohlen
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		10/28/19	12:56
Location Code:	ENVIROTR	Received by:	CP	10/29/19	15:26
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCE49795
Phoenix ID: CE49804

Project ID: 46-81 METROPOLITAN AVE, NY
Client ID: MW#11

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Semi-Volatile Extraction	Completed				10/29/19	P/AK	SW3520C
Volatiles- Stars/CP-51							
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	10/30/19	HM	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	10/30/19	HM	SW8260C
Benzene	ND	0.70	ug/L	1	10/30/19	HM	SW8260C
Ethylbenzene	ND	1.0	ug/L	1	10/30/19	HM	SW8260C
Isopropylbenzene	1.6	1.0	ug/L	1	10/30/19	HM	SW8260C
m&p-Xylene	ND	2.0	ug/L	1	10/30/19	HM	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	10/30/19	HM	SW8260C
Naphthalene	ND	1.0	ug/L	1	10/30/19	HM	SW8260C
n-Butylbenzene	4.4	1.0	ug/L	1	10/30/19	HM	SW8260C
n-Propylbenzene	ND	1.0	ug/L	1	10/30/19	HM	SW8260C
o-Xylene	ND	2.0	ug/L	1	10/30/19	HM	SW8260C
p-Isopropyltoluene	ND	1.0	ug/L	1	10/30/19	HM	SW8260C
sec-Butylbenzene	7.2	1.0	ug/L	1	10/30/19	HM	SW8260C
tert-Butylbenzene	1.8	1.0	ug/L	1	10/30/19	HM	SW8260C
Toluene	ND	1.0	ug/L	1	10/30/19	HM	SW8260C
Total Xylenes	ND	2.0	ug/L	1	10/30/19	HM	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	1	10/30/19	HM	70 - 130 %
% Bromofluorobenzene	106		%	1	10/30/19	HM	70 - 130 %
% Dibromofluoromethane	99		%	1	10/30/19	HM	70 - 130 %
% Toluene-d8	101		%	1	10/30/19	HM	70 - 130 %
Semivolatiles by SIM, PAH							
2-Methylnaphthalene	0.71	0.49	ug/L	1	10/30/19	WB	SW8270D (SIM)
Acenaphthene	4.5	0.49	ug/L	1	10/30/19	WB	SW8270D (SIM)

Project ID: 46-81 METROPOLITAN AVE, NY
Client ID: MW#11

Phoenix I.D.: CE49804

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Acenaphthylene	1.6	0.49	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Anthracene	4.7	0.49	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Benz(a)anthracene	1.1	0.10	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Benzo(a)pyrene	0.53	0.10	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Benzo(b)fluoranthene	0.52	0.19	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Benzo(ghi)perylene	ND	0.49	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Benzo(k)fluoranthene	ND	0.49	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Chrysene	1.0	0.49	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Dibenz(a,h)anthracene	ND	0.29	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Fluoranthene	3.0	0.49	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Fluorene	9.2	0.49	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Indeno(1,2,3-cd)pyrene	0.47	0.19	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Naphthalene	1.4	0.49	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Phenanthrene	9.7	0.29	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Pyrene	5.6	0.49	ug/L	1	10/30/19	WB	SW8270D (SIM)	
QA/QC Surrogates								
% 2-Fluorobiphenyl	49		%	1	10/30/19	WB	30 - 130 %	
% Nitrobenzene-d5	Interference		%	1	10/30/19	WB	30 - 130 %	
% Terphenyl-d14	13		%	1	10/30/19	WB	30 - 130 %	3

3 = This parameter exceeds laboratory specified limits.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Semi-Volatile Comment:
Poor surrogate recovery was observed for one acid and/or one base surrogate. The other surrogates associated with this sample were within QA/QC criteria. No significant bias suspected.

Semi-Volatile Comment:
One of the surrogate recoveries was above the upper range due to sample matrix interference. The other surrogates associated with this sample were within QA/QC criteria. No significant bias is suspected.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director

November 04, 2019

Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 04, 2019

FOR: Attn: Jeff Bohlen
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		10/28/19	12:48
Location Code:	ENVIROTR	Received by:	CP	10/29/19	15:26
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCE49795
Phoenix ID: CE49805

Project ID: 46-81 METROPOLITAN AVE, NY
Client ID: MW#12

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Semi-Volatile Extraction	Completed				10/29/19	P/AK	SW3520C
Volatiles- Stars/CP-51							
1,2,4-Trimethylbenzene	1.4	1.0	ug/L	1	10/31/19	HM	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	10/31/19	HM	SW8260C
Benzene	1.0	0.70	ug/L	1	10/31/19	HM	SW8260C
Ethylbenzene	ND	1.0	ug/L	1	10/31/19	HM	SW8260C
Isopropylbenzene	2.1	1.0	ug/L	1	10/31/19	HM	SW8260C
m&p-Xylene	ND	2.0	ug/L	1	10/31/19	HM	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	10/31/19	HM	SW8260C
Naphthalene	9.0	1.0	ug/L	1	10/31/19	HM	SW8260C
n-Butylbenzene	17	1.0	ug/L	1	10/31/19	HM	SW8260C
n-Propylbenzene	ND	1.0	ug/L	1	10/31/19	HM	SW8260C
o-Xylene	ND	2.0	ug/L	1	10/31/19	HM	SW8260C
p-Isopropyltoluene	ND	1.0	ug/L	1	10/31/19	HM	SW8260C
sec-Butylbenzene	18	1.0	ug/L	1	10/31/19	HM	SW8260C
tert-Butylbenzene	5.4	1.0	ug/L	1	10/31/19	HM	SW8260C
Toluene	ND	1.0	ug/L	1	10/31/19	HM	SW8260C
Total Xylenes	ND	2.0	ug/L	1	10/31/19	HM	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	1	10/31/19	HM	70 - 130 %
% Bromofluorobenzene	116		%	1	10/31/19	HM	70 - 130 %
% Dibromofluoromethane	99		%	1	10/31/19	HM	70 - 130 %
% Toluene-d8	99		%	1	10/31/19	HM	70 - 130 %
Semivolatiles by SIM, PAH							
2-Methylnaphthalene	3.8	0.50	ug/L	1	10/30/19	WB	SW8270D (SIM)
Acenaphthene	ND	0.50	ug/L	1	10/30/19	WB	SW8270D (SIM)

Project ID: 46-81 METROPOLITAN AVE, NY
Client ID: MW#12

Phoenix I.D.: CE49805

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Acenaphthylene	ND	0.50	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Anthracene	8.5	0.50	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Benz(a)anthracene	5.1	0.10	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Benzo(a)pyrene	2.5	0.10	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Benzo(b)fluoranthene	2.0	0.20	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Benzo(ghi)perylene	1.3	0.50	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Benzo(k)fluoranthene	1.7	0.50	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Chrysene	3.9	0.50	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Dibenz(a,h)anthracene	0.39	0.30	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Fluoranthene	22	0.10	ug/L	1	10/31/19	WB	SW8270D (SIM)	
Fluorene	28	0.10	ug/L	1	10/31/19	WB	SW8270D (SIM)	
Indeno(1,2,3-cd)pyrene	2.0	0.20	ug/L	1	10/30/19	WB	SW8270D (SIM)	
Naphthalene	12	0.10	ug/L	1	10/31/19	WB	SW8270D (SIM)	
Phenanthrene	34	0.07	ug/L	1	10/31/19	WB	SW8270D (SIM)	
Pyrene	29	0.10	ug/L	1	10/31/19	WB	SW8270D (SIM)	
QA/QC Surrogates								
% 2-Fluorobiphenyl	89		%	1	10/31/19	WB	30 - 130 %	
% Nitrobenzene-d5	>200		%	1	10/31/19	WB	30 - 130 %	3
% Terphenyl-d14	55		%	1	10/31/19	WB	30 - 130 %	

3 = This parameter exceeds laboratory specified limits.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Semi-Volatile Comment:
Poor surrogate recovery was observed for one acid and/or one base surrogate. The other surrogates associated with this sample were within QA/QC criteria. No significant bias suspected.

Semi-Volatile Comment:
One of the surrogate recoveries was above the upper range due to sample matrix interference. The other surrogates associated with this sample were within QA/QC criteria. No significant bias is suspected.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
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Phyllis Shiller, Laboratory Director

November 04, 2019

Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

November 04, 2019

QA/QC Data

SDG I.D.: GCE49795

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 503821 (ug/L), QC Sample No: CE49301 (CE49795, CE49796, CE49797, CE49798, CE49799, CE49800, CE49801, CE49802, CE49803, CE49804, CE49805)											
Semivolatiles by SIM, PAH - Ground Water											
2-Methylnaphthalene	ND	0.50	58	56	3.5				30 - 130	20	
Acenaphthene	ND	0.50	72	71	1.4				30 - 130	20	
Acenaphthylene	ND	0.10	69	68	1.5				30 - 130	20	
Anthracene	ND	0.10	86	87	1.2				30 - 130	20	
Benz(a)anthracene	ND	0.02	98	108	9.7				30 - 130	20	
Benzo(a)pyrene	ND	0.02	63	76	18.7				30 - 130	20	
Benzo(b)fluoranthene	ND	0.02	70	81	14.6				30 - 130	20	
Benzo(ghi)perylene	ND	0.02	58	72	21.5				30 - 130	20	r
Benzo(k)fluoranthene	ND	0.02	67	79	16.4				30 - 130	20	
Chrysene	ND	0.02	77	85	9.9				30 - 130	20	
Dibenz(a,h)anthracene	ND	0.02	63	82	26.2				30 - 130	20	r
Fluoranthene	ND	0.50	82	85	3.6				30 - 130	20	
Fluorene	ND	0.10	76	75	1.3				30 - 130	20	
Indeno(1,2,3-cd)pyrene	ND	0.02	87	109	22.4				30 - 130	20	r
Naphthalene	ND	0.50	46	45	2.2				30 - 130	20	
Phenanthrene	ND	0.30	73	73	0.0				30 - 130	20	
Pyrene	ND	0.07	86	88	2.3				30 - 130	20	
% 2-Fluorobiphenyl	71	%	59	58	1.7				30 - 130	20	
% Nitrobenzene-d5	70	%	53	51	3.8				30 - 130	20	
% Terphenyl-d14	79	%	68	76	11.1				30 - 130	20	

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

Additional 8270 criteria:20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

QA/QC Batch 504032 (ug/L), QC Sample No: CE49171 (CE49795 (2X) , CE49796 (2X) , CE49797 (2X) , CE49798 (2X) , CE49799, CE49801)

Volatiles - Ground Water

1,2,4-Trimethylbenzene	ND	1.0	101	105	3.9				70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	103	106	2.9				70 - 130	30	
Benzene	ND	0.70	95	96	1.0				70 - 130	30	
Ethylbenzene	ND	1.0	99	104	4.9				70 - 130	30	
Isopropylbenzene	ND	1.0	105	107	1.9				70 - 130	30	
m&p-Xylene	ND	1.0	99	105	5.9				70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	1.0	78	80	2.5				70 - 130	30	
Naphthalene	ND	1.0	89	93	4.4				70 - 130	30	
n-Butylbenzene	ND	1.0	109	112	2.7				70 - 130	30	
n-Propylbenzene	ND	1.0	105	108	2.8				70 - 130	30	
o-Xylene	ND	1.0	103	108	4.7				70 - 130	30	
p-Isopropyltoluene	ND	1.0	109	112	2.7				70 - 130	30	
sec-Butylbenzene	ND	1.0	114	117	2.6				70 - 130	30	

QA/QC Data

SDG I.D.: GCE49795

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
tert-Butylbenzene	ND	1.0	105	109	3.7				70 - 130	30
Toluene	ND	1.0	96	100	4.1				70 - 130	30
% 1,2-dichlorobenzene-d4	98	%	98	98	0.0				70 - 130	30
% Bromofluorobenzene	96	%	103	104	1.0				70 - 130	30
% Dibromofluoromethane	102	%	100	101	1.0				70 - 130	30
% Toluene-d8	99	%	101	101	0.0				70 - 130	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

QA/QC Batch 504391 (ug/L), QC Sample No: CE49805 (CE49805)

Volatiles - Ground Water

1,2,4-Trimethylbenzene	ND	1.0	105	106	0.9				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	104	107	2.8				70 - 130	30
Benzene	ND	0.70	95	99	4.1				70 - 130	30
Ethylbenzene	ND	1.0	100	103	3.0				70 - 130	30
Isopropylbenzene	ND	1.0	106	109	2.8				70 - 130	30
m&p-Xylene	ND	1.0	100	103	3.0				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	92	95	3.2				70 - 130	30
Naphthalene	ND	1.0	102	105	2.9				70 - 130	30
n-Butylbenzene	ND	1.0	107	109	1.9				70 - 130	30
n-Propylbenzene	ND	1.0	104	108	3.8				70 - 130	30
o-Xylene	ND	1.0	105	106	0.9				70 - 130	30
p-Isopropyltoluene	ND	1.0	108	111	2.7				70 - 130	30
sec-Butylbenzene	ND	1.0	113	115	1.8				70 - 130	30
tert-Butylbenzene	ND	1.0	106	107	0.9				70 - 130	30
Toluene	ND	1.0	97	100	3.0				70 - 130	30
% 1,2-dichlorobenzene-d4	99	%	96	98	2.1				70 - 130	30
% Bromofluorobenzene	94	%	98	100	2.0				70 - 130	30
% Dibromofluoromethane	101	%	101	102	1.0				70 - 130	30
% Toluene-d8	100	%	99	100	1.0				70 - 130	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

QA/QC Batch 504386 (ug/L), QC Sample No: CE49809 (CE49799 (10X) , CE49800 (2X) , CE49802 (2X) , CE49803)

Volatiles - Ground Water

1,2,4-Trimethylbenzene	ND	1.0	91	92	1.1	112	115	2.6	70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	91	90	1.1	111	116	4.4	70 - 130	30
Benzene	ND	0.70	84	85	1.2	104	108	3.8	70 - 130	30
Ethylbenzene	ND	1.0	88	89	1.1	110	112	1.8	70 - 130	30
Isopropylbenzene	ND	1.0	90	88	2.2	113	119	5.2	70 - 130	30
m&p-Xylene	ND	1.0	89	89	0.0	111	112	0.9	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	87	84	3.5	101	100	1.0	70 - 130	30
Naphthalene	ND	1.0	109	106	2.8	108	110	1.8	70 - 130	30
n-Butylbenzene	ND	1.0	95	93	2.1	113	120	6.0	70 - 130	30
n-Propylbenzene	ND	1.0	90	90	0.0	112	118	5.2	70 - 130	30
o-Xylene	ND	1.0	93	92	1.1	114	117	2.6	70 - 130	30
p-Isopropyltoluene	ND	1.0	94	94	0.0	117	121	3.4	70 - 130	30
sec-Butylbenzene	ND	1.0	98	98	0.0	121	126	4.0	70 - 130	30
tert-Butylbenzene	ND	1.0	89	90	1.1	113	117	3.5	70 - 130	30

QA/QC Data

SDG I.D.: GCE49795

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Toluene	ND	1.0	86	85	1.2	107	108	0.9	70 - 130	30
% 1,2-dichlorobenzene-d4	95	%	101	99	2.0	98	97	1.0	70 - 130	30
% Bromofluorobenzene	92	%	100	100	0.0	99	98	1.0	70 - 130	30
% Dibromofluoromethane	103	%	99	102	3.0	101	96	5.1	70 - 130	30
% Toluene-d8	99	%	99	98	1.0	100	101	1.0	70 - 130	30

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

QA/QC Batch 504232 (ug/L), QC Sample No: CE49999 (CE49804)

Volatiles - Ground Water

1,2,4-Trimethylbenzene	ND	1.0	103	106	2.9				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	104	108	3.8				70 - 130	30
Benzene	ND	0.70	93	97	4.2				70 - 130	30
Ethylbenzene	ND	1.0	99	101	2.0				70 - 130	30
Isopropylbenzene	ND	1.0	105	109	3.7				70 - 130	30
m&p-Xylene	ND	1.0	101	102	1.0				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	76	81	6.4				70 - 130	30
Naphthalene	ND	1.0	99	99	0.0				70 - 130	30
n-Butylbenzene	ND	1.0	110	113	2.7				70 - 130	30
n-Propylbenzene	ND	1.0	106	110	3.7				70 - 130	30
o-Xylene	ND	1.0	102	105	2.9				70 - 130	30
p-Isopropyltoluene	ND	1.0	110	114	3.6				70 - 130	30
sec-Butylbenzene	ND	1.0	116	118	1.7				70 - 130	30
tert-Butylbenzene	ND	1.0	107	109	1.9				70 - 130	30
Toluene	ND	1.0	96	98	2.1				70 - 130	30
% 1,2-dichlorobenzene-d4	99	%	100	100	0.0				70 - 130	30
% Bromofluorobenzene	96	%	103	100	3.0				70 - 130	30
% Dibromofluoromethane	96	%	99	100	1.0				70 - 130	30
% Toluene-d8	99	%	100	101	1.0				70 - 130	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

r = This parameter is outside laboratory RPD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
November 04, 2019

Monday, November 04, 2019

Criteria: None

State: NJ

Sample Criteria Exceedances Report

GCE49795 - ENVIROTR

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

November 04, 2019 SDG I.D.: GCE49795

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report:

VOA Narration

CHEM16 10/29/19-2: CE49795, CE49796, CE49797, CE49798, CE49799, CE49801

The following Initial Calibration compounds did not meet RSD% criteria: Naphthalene 24% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

CHEM16 10/30/19-1: CE49804

The following Initial Calibration compounds did not meet RSD% criteria: Naphthalene 24% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

Cooler: Yes [X] No [ ]
Coolant: IPK [X] ICE [ ] No [ ]
Temp 3.4 °C Pg of

PHOENIX
Environmental Laboratories, Inc.

NY/NJ/PA CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
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Contact Options:
[ ] Phone:
[ ] Fax:
[X] Email: JeffB@Envirotrac.com

Customer: ENVIROTRAC LTD
Address: 5016 DOCK RD
YAPHANK NY 11980

Project: (JLJ)46-81 METROPOLITAN Ave, NY
Report to: Jeff Bohler
Invoice to: Jeff Bohler
QUOTE # :

Project P.O:

This section MUST be completed with Bottle Quantities.

Sampler's Signature: [signature] Date: 10/28/19

Client Sample - Information - Identification

Matrix Code:
DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe
OIL=Oil B=Bulk L=Liquid

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request: CP-51 VOCs	CP-51 SVOCs	GL Amber 8 oz. w/H3PO4	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [X] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL NaOH 250ml	PL HNO3 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
49795	MW#1	GW	10/28/19	11:34	X	X						3	1					
49796	MW#2			11:47	X	X												
49797	MW#3			11:52	X	X												
49798	MW#4			12:01	X	X												
49799	MW#5			12:17	X	X												
49800	MW#6			11:07	X	X												
49801	MW#7			11:02	X	X												
49802	MW#8			9:30	X	X												
49803	MW#10			13:05	X	X												
49804	MW#11			12:56	X	X												
49805	MW#12			12:48	X	X												

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	10/28/19	17:00
[signature]	Krystal Hall	10/29/19	15:26

Comments, Special Requirements or Regulations:

Data Format:
[ ] Phoenix Std Report [ ] EQuIS
[ ] Excel [ ] NJ Hazsite EDD
[ ] PDF [ ] NY EZ EDD (ASP)
[ ] GIS/Key [ ] Other

Turnaround:
[ ] 1 Day*
[ ] 2 Days*
[X] 3 Days*
[X] 5 Days
[ ] 10 Days
[ ] Other
* SURCHARGE

Data Package:
[ ] NJ Reduced Deliv. * [ ] Other
[ ] NY Enhanced (ASP B) *

NJ
[ ] Res. Criteria
[ ] Non-Res. Criteria
[ ] Impact to GW Soil Cleanup Criteria
[ ] Impact to GW soil screen Criteria
[ ] GW Criteria

NY
[ ] TOGS GW
[ ] CP-51 SOIL
[ ] 375SCO Unrestricted Soil
[ ] 375SCO Residential Soil
[ ] 375SCO Residential
[ ] 375SCO Commercial Soil
[ ] 375SCO Industrial Soil
[ ] Subpart 5 DW

PA
[ ] Clean Fill Limits
[ ] PA-GW
[ ] Reg Fill Limits
[ ] PA Soil Restricted
[ ] PA Soil non-restricted

State Samples Collected? NY

PRECISION TESTING LABS

Precision Testing Labs, Inc.
Certified Analytical Testing Services
NJDEP Cert# 15005

2161 Whitesville Rd., Toms River, NJ 08755
Tel. 732-905-5000 Fax 732-279-4422

email: ptl@ptlabs.net web: www.ptlabs.net

CERTIFICATE OF ANALYSIS

Client Name : EnviroTrac (NY)
Matrix : Product
Sample Date : 28 October 2019
Lab ID : **T19-10427-01**
Reference : **JLJ Metro**
FP-1

5 November 2019

GC FINGERPRINT

Methodology

The product sample was diluted with solvent and analyzed by a gas chromatograph equipped with a flame ionization detector (GC/FID). The chromatogram of the sample was compared with commercially available fuels.

Comparison	Match	No Match	Partial Match
Gasoline		x	
Kerosene		x	
Transformer Oil		x	
Mineral Spirits		x	
Diesel Fuel #2			x
Fuel #4		x	
Used Motor Oil		x	
Fuel #6		x	
Hydraulic Oil		x	

Sample

The sample consisted of brown product on top of an aqueous layer and a fuel odor.

Results

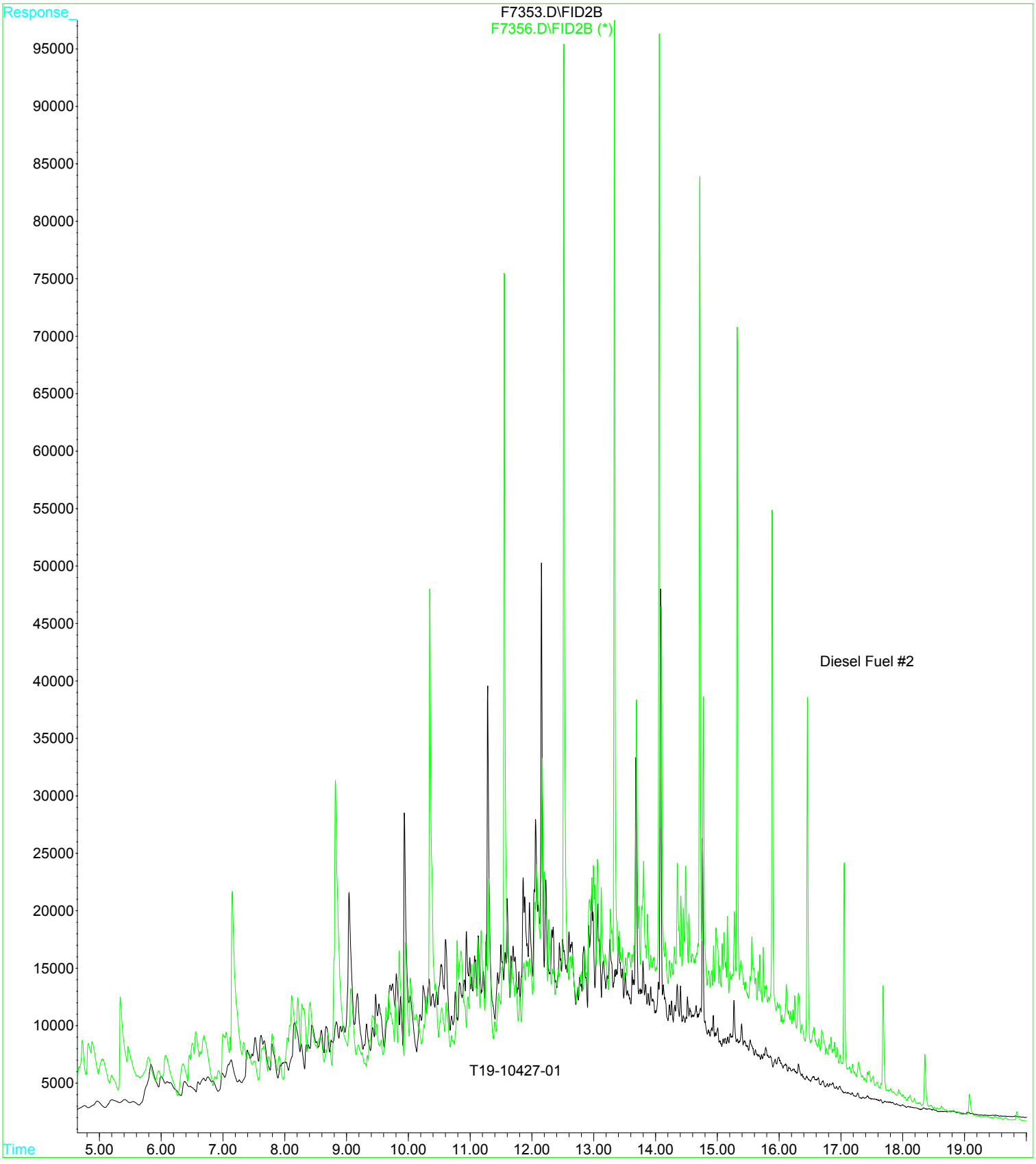
The GC/FID data shows that the sample contained medium boiling compounds ranging from C9 to C28. The pattern of peaks displayed was indicative of a medium distillate such as diesel fuel or home heating oil. Alkanes and isoprenoids were present.

Interpretation of Results

The sample chromatogram showed a partial match to diesel fuel #2.

Vinicius Bandeira
Laboratory Director

File : Z:\F110419\F7353.D
Operator : jt
Acquired : 5 Nov 2019 1:52 am using AcqMethod TPH.M
Instrument : GC Instru
Sample Name: T19-10427-01
Misc Info : EnviroTrac (NY);JLJ;MW-9;0.68
Vial Number: 10



Client Information:

Company Name: Enviotrac LTD
Address: 50 Old Dock Rd
Yaphank NY 11980
Office Phone # (631) 300-6869

eMail Results to the below:

Name(s): Jeff Bohlen, Mike Allegro
eMail Address: JeffB@Enviotrac.com
eMail Address: MichaelA@Enviotrac.com

PTL
PRECISION TESTING LABS
2161 Whitesville Rd, Toms River, NJ 08755
Tel. 732-905-5000 Fax 732-279-4422
email: ptl@ptlabs.net web: www.ptlabs.net

Project Information:

Project Name on Results: JLJ Metro
Project Address: 46-81 Metropolitan Ave, Ridgewood NY

Turnaround: (Standard (up to 2 weeks)) 24 HRS 48 HRS
(Rushes incur additional fees.) 72 HRS 4-Day 5-Day

Company to Invoice: (if different)

P.O.#

Page 1 of 1
(Lab Only) Temperature: 4 °C (JW)

GW=Ground Water WW=Waste Water SW=Surface Water
DW=Drinking Water S=Soil O=Oil L=Liquid SD=Sludge
B=Blank P=Product or Gasoline K=Solid (specify): _____

Matrix Codes

Preservative Code →

List PRESERVATIVE CODE below: 0=ice 1=HCl 2=H_2SO_4 3=NaOH 4=HNO_3 5=(list)

Preservative ← Code

Collection Information																												
Sample ID	Sample Location or Depth (Optional)	Sample Date (MM-DD-YY)	Time Sampled (Military Time)	Sampled by (initials)	Grab (G) or Comp (C)	Matrix CODE * →	# of Containers	Container: G=Glass, E=En Core, P=Plastic	Chlorine may be in this sample.	DRO	EPH Cat. 1	PCBs	Pesticides	VOA + 15 TCL	SPLP VO Extraction	BN + 15 TCL with SIM	BN + 15 TCL no SIM	BNA + 15 TCL	PAH	pH (corrosivity)	Diesel-Fuel #2 Age-Date Analysis + Interpretation	TCLP Metals	TAL Metals	TAL / TCL+30	6 Fingerprint			Lab Sample #
MW#9		10/28/19	13:10	MA	G	P	1	G																	X			T19-10427-01

CONTINGENCIES: BN Naphth+2-Methyl SPLP Naphth+2-Methyl Other
INSTRUCTIONS: Contingent Age/Date
NJ Regulatory Criteria: GWQC IGWQC EPH Guidance IGWSSL RDCSRS NRDCSRS Other

Final Signed Report Type:
Standard (Results Only) X EDD (free download)
NJ Reduced NJ Full EDD ($20 by email)

SIGN BELOW WHEN DELIVERING SAMPLES. Each time samples change possession, including courier delivery, custody must be documented.

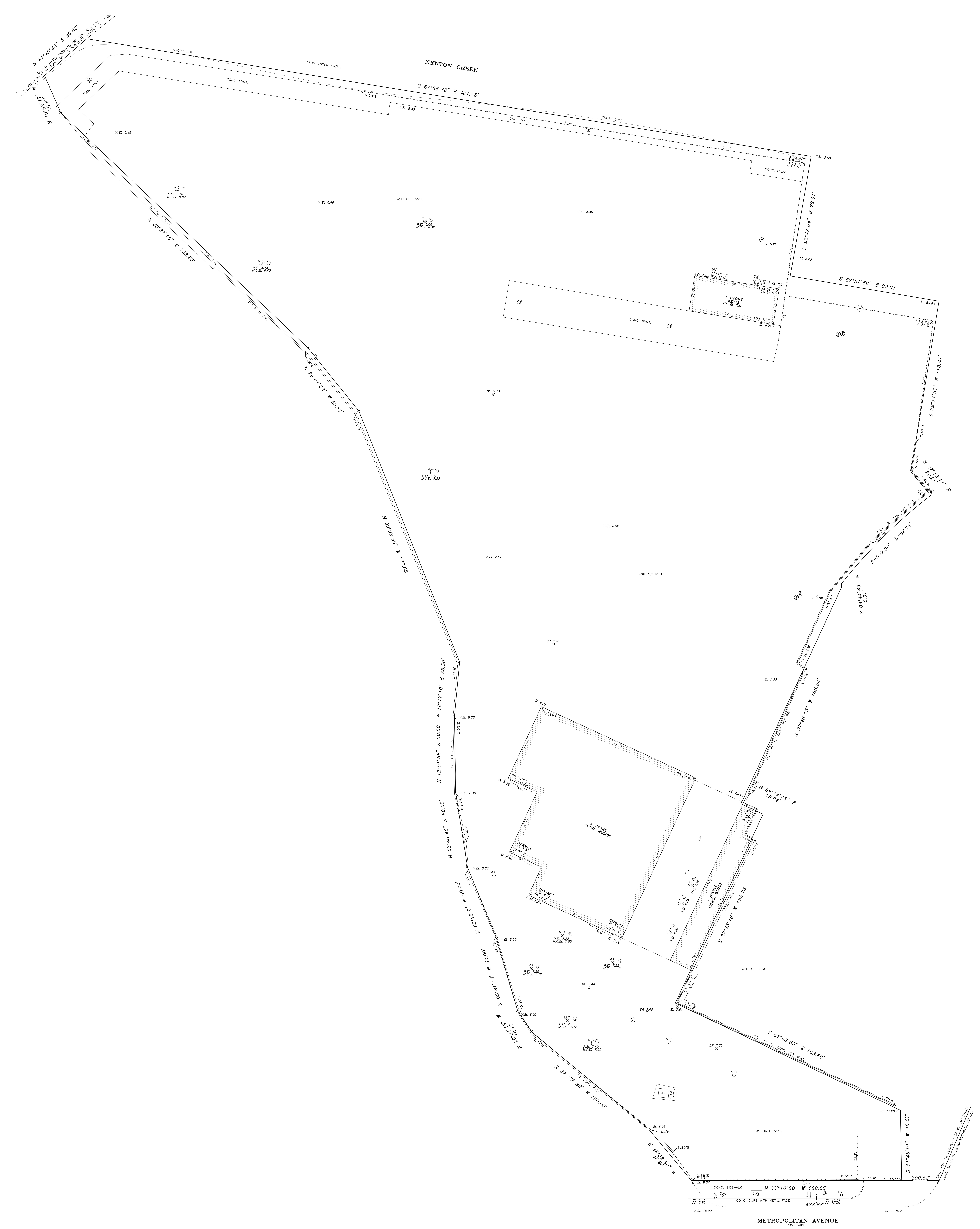
Relinquished by:	Received by:	Relinquished by:	Received by:	Relinquished by:	Received by:
Print Name: Mike Allegro	Print Name: UPS	Print Name: UPS	Print Name: Jessica Whisten	Print Name:	Print Name:
Signature:	Signature: UPS	Signature: UPS	Signature:	Signature:	Signature:
Agent of:	Agent of: UPS	Agent of: UPS	Agent of: PTL	Agent of:	Agent of:
Date: 10/29/19	Time: 11:00	Date: 10/30/19	Time: 9:47	Date: / /	Time:

White : PTL Office Yellow : Billing Pink : Client

APPENDIX H

Site Survey

EnviroTrac
Environmental Services



LEGEND:
DRAIN — DR
ELEVATION — EL
TOP OF CURB — TC
BOTTOM OF CURB — BT
CENTER LINE — CL
FIRST FLOOR ELEVATION — F.FL.EL
PIPE ELEVATION — P.EL
METAL COVER ELEVATION — M.C. EL
CHAIN LINK FENCE — C.L.F.
WATER MANHOLE — Ⓦ
ELECTRIC MANHOLE — Ⓔ
CONCRETE — CONC.
PAVEMENT — PVMT.
RETAINING — RET.
METAL COVER — M.C.
METAL DOOR — M.D.
MAIL BOX — M.B.
HYDRANT — HYD.
UTILITY POLE — Ⓤ

TOTAL LOT AREA IS 195,556.2 sq.ft.
FOR BUILDING DEPARTMENT USE ONLY
ELEVATIONS DATUM: NAVD88

THE OFFSETS OR DIMENSIONS SHOWN FROM THE STRUCTURES TO THE PROPERTY LINES ARE FOR A SPECIFIC PURPOSE AND USE AND THEREFORE ARE NOT INTENDED TO GUIDE THE ERECTION OF FENCES, RETAINING WALLS, POOLS, PLANTING AREAS, ADDITIONS TO STRUCTURES AND ANY OTHER CONSTRUCTION.

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PRECISION SURVEYS
TITLE • ARCHITECTURAL • BOUNDARY • CONSTRUCTION
40 FRANKLIN AVE. FRANKLIN SQUARE, N.Y. 11010
Ph. • (718)472-1571 • (516)488-1608
CHRISTOPHER M. BUCKLEY
PROFESSIONAL LAND SURVEYOR

SURVEY OF: Described Property

LOCATED AT:
46-81 Metropolitan Avenue, Ridgewood
Borough and County of Queens
City and State of New York

TAX DESIG: Block 2611, Lot 71

CERTIFIED TO:
J&R Metro Properties, LLC

DATE: October 28, 2019
SCALE: 1"=20'

Job No. 45276
Drawn By: MK