



# CASTLETON

ENVIRONMENTAL

September 29, 2020

Mr. Hiralkumar Patel  
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**RE:    Underground Storage Tank Closure Report**  
**161-05 – 161-07 29<sup>th</sup> Avenue, Flushing, New York**  
**NYSDEC Spill No. 1911712**

Dear Mr. Patel,

Please find the attached Underground Storage Tank Closure Report for the property located at 161-05 – 161-07 29<sup>th</sup> Avenue, Flushing, New York.

One underground storage tank (UST) was removed from the site on June 29, 2020. Authorization to commence with tank removal activities was provided by NYSDEC (email, dated June 24, 2020).

During the removal, the tank was found to be a 1,500-gallon capacity UST. Several holes were identified on the bottom and sides of the tank. Further, evidence of discharge, i.e., visual/olfactory signs of petroleum impact and elevated PID readings for VOCs, was observed within the excavation. Soil showing evidence of impact was removed from the excavation and stockpiled. Excavation activities continued until further excavation was no longer feasible due to site conditions. A total of 102.62 tons of petroleum impacted material was disposed at Clean Earth of Carteret (Carteret, New Jersey).

Twelve endpoint samples were collected, and laboratory analyzed. Endpoint sampling analytical results report concentrations below applicable standards. Based on these findings, remedial activities were successful in that petroleum contaminated soils associated with the removed UST were effectively removed. Any residual petroleum impacted soil remaining is at depth and not representative of a significant threat to human health and the environment.



After your review, Castleton requests closure of NYSDEC Spill Number 1911712 relative to the former UST.

Please call with any questions or comments.

Very truly yours,

**Castleton Environmental Inc.**

A handwritten signature in black ink, appearing to read "Frank P. Castellano", with a long horizontal flourish extending to the right.

Frank P. Castellano  
Principal

cc: Jane O'Connell  
Dominick DeRiso



# CASTLETON

ENVIRONMENTAL

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## Underground Storage Tank Closure Report 161-05 – 161-07 29<sup>th</sup> Avenue Flushing, New York

September 2020



Prepared for: Mr. John Procida  
C/O Dominick A. DeRiso  
Dorsey and DeRiso  
19-02 Whitestone Expressway – Suite 105  
Whitestone, New York 11305 11357



**UNDERGROUND STORAGE TANK CLOSURE REPORT**  
**161-05 – 161-07 29<sup>TH</sup> AVENUE**  
**FLUSHING, NEW YORK**  
**NYSDEC SPILL NO. 1911712**  
**SEPTEMBER 2020**  
**CASTLETON PROJECT NUMBER: PRMC2001**

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## 1.0 INTRODUCTION

On behalf of Dominick A. DeRiso of Dorsey and DeRiso, Castleton Environmental Geologic Services DPC (Castleton) has prepared this Underground Storage Tank Closure Report for the property located at 161-05 – 161-07 29<sup>th</sup> Avenue, Flushing, New York (the site).

Tank closure efforts were based on the findings of the Phase II testing work performed by Merritt Environmental Consulting Corp (MECC) in their Focused Subsurface Site Investigation Report (FSSI), dated January 2020 which identified petroleum impacts to subsurface soil and groundwater in the vicinity of a previously abandoned fuel oil UST of unknown capacity. MECC recommended reporting of the FSSI findings to the New York State Department of Environmental Conservation (NYSDEC). On March 24, 2020, Castleton notified the NYSDEC Spills Hotline of the FSSI findings associated with the abandoned fuel oil UST and Spill Number 1911712 was issued for the property.

In addition to petroleum impacts from the abandoned UST, the MECC FSSI also identified chlorinated volatile organic compounds (CVOCs) in water samples collected from two basement sump pits. The CVOC issue is being addressed separately by NYSDEC's Division of Environmental Remediation under the Brownfield Cleanup Program (BCP). Authorization to commence with tank removal activities in advance of the site's acceptance into the BCP was provided by NYSDEC (email dated June 24, 2020).

During the removal on June 29, 2020, the tank was removed and found to be a 1,500-gallon capacity UST. The tank was previously closed and filled with sand. Evidence of discharge, i.e., visual/olfactory signs of petroleum impact and elevated photoionization detector (PID) readings for volatile organic compounds (VOCs), was observed within the excavation.

The following report details the tank removal, soil removal, and endpoint sampling to support closure of Spill Number 1911712. Further, the report documents the proper registration and closure of the tank.

## 2.0 SITE BACKGROUND

The site is located at 161-05 – 161-07 29<sup>th</sup> Avenue, Flushing, New York (Figure 1). According to the MECC FSSI, the site is associated with a series of six (6) attached two-story mixed-use residential/commercial buildings constructed in 1931. Each of the six (6) buildings have their own address and block and lot number. The two-story buildings contain commercial and retail operations on the ground floors and residential apartments on the second floors. A shared yard is present at the rear (north side) of the buildings. Each of the buildings contain discrete full basements. The size of the entire site is approximately 13,100 square feet inclusive of the building footprints and rear yard (Figure 2). The aggregate footprint of the buildings is approximately 7,300 square feet.



On December 12, 2019, an FSSI was completed by MECC including the performance of a ground penetrating radar (GPR) survey to confirm the location of the abandoned UST and the advancement of soil borings adjacent to the UST.

The GPR survey was completed within the rear yard of the site. The results of the survey confirmed the location of the abandoned fuel oil UST. Based on the reported dimensions of the subsurface anomaly, the UST had an estimated capacity of 2,000-gallons.

A total of two (2) soil borings (B1, B2) were installed adjacent to the UST. A third soil boring (B3) was installed within the rear yard, approximately 30 feet north of the rear entrance of 161-03 29<sup>th</sup> Avenue (former dry cleaner tenant space), at some distance from the UST. Each boring was advanced to approximately 15 feet below ground surface (bgs). Depth to water was encountered at approximately 5 to 7 feet bgs within the soil borings. Review of local maps prepared by the United States Geological Survey (USGS) indicates that the site is located approximately 70 feet above mean sea level; depth to groundwater in the area of the subject property is approximately 40 feet below land surface. Therefore, it appears that the encountered shallower water-bearing zones represented perched groundwater conditions.

Upon completion of soil borings B1, B2, and B3, temporary well points were installed at each location for the collection of groundwater samples.

Elevated PID readings, olfactory, and/or visual evidence of petroleum contamination was observed in soil and groundwater at both soil borings B1 and B2. No free-phase product was observed on water extracted from B1 and B2, however, a heavy petroleum sheen and strong petroleum odors were identified. There was no field evidence of soil or groundwater contamination identified at soil boring B3. Analytical results of groundwater samples (B1GW, B2GW) revealed concentrations of VOCs and SVOCs that exceeded applicable regulatory limits. No soil samples were submitted for laboratory analysis.

Based on these findings, MECC recommended that the UST be removed along with petroleum contaminated soils that may be a continuing source of a release to local groundwater. MECC further recommended that the condition be reported to regulators as required by New York State law.

A copy of the MECC report is included as Appendix A.



### 3.0 TANK REMOVAL

Authorization to commence with tank removal activities was provided by NYSDEC (email dated June 24, 2020).

Tank removal activities were conducted by PAL Environmental Services, Inc on June 29, 30, and July 1, 2020. Work permits (permit numbers 440596222-01-EW-OT and 440596259-01-EQ-OT) were obtained from New York City Department of Buildings (NYC DOB) by PAL Environmental Services for the removal of the tank prior to commencement of work activities. The tank was removed from the ground on June 29, 2020; petroleum contaminated soil was removed from the excavation and endpoint sampling was conducted on June 30, 2020; and site restoration was completed on July 1, 2020.

The NYC DOB work permits are provided in Appendix B.

After removal of the overburden material, the tank was opened and observed to contain petroleum impacted sand and a minimal amount of oil/water mixture. The top of the tank was located at approximately 2.5 feet below grade. Removal activities began by removing pumpable tank contents into 55-gallon drums staged on-site (total of 3 drums). The petroleum impacted sand was stockpiled and covered with poly sheeting. The tank and associated piping were then removed from the ground. Three drums of oil/water mixture and a total of approximately 8.0 cubic yards of petroleum impacted sand were removed from inside the tank.

A photolog of tank removal activities is included as Appendix C.

After the storage tank was cleaned, it was removed from the ground and made accessible for inspection. The tank was measured at 16.0 feet long X 4.0 feet in diameter and found to be a 1,500-gallon capacity UST. Several holes were identified on the bottom and sides of the tank. Further, evidence of discharge, i.e., visual/olfactory signs of petroleum impact and elevated PID readings for VOCs, was observed within the excavation.

Soil showing evidence of impact was removed from the excavation and stockpiled and covered with poly sheeting. Excavation activities continued until further excavation was no longer feasible due to site conditions. Final excavation depth measured between 10.0 feet and 13.0 feet below grade. Groundwater was not encountered in the excavation at the time of the work. A total of approximately 50 cubic yards of petroleum impacted soil was removed from the excavation and commingled with the petroleum impacted sand removed from inside the tank.



The excavation was backfilled to grade with imported fill. The fill was provided by Allocco Recycling (540 Kingsland Avenue, Brooklyn, NY 11222). Visual/olfactory observations were conducted of the imported fill prior to backfilling activities. There was no evidence of staining, discoloration, and/or unusual odors. Receipts from the source facility are included as Appendix D.

### **3.1 Waste Characterization and Disposal**

Waste characterization sampling was performed on the stockpiled petroleum impacted soil per the requirements of Clean Earth of Carteret (Carteret, New Jersey). The Waste Characterization Analytical Report and Acceptance Letter are provided in Appendix E.

The petroleum impacted material (total of 102.62 tons) was properly disposed of by PAL Environmental Services, Inc at Clean Earth of Carteret (Carteret, New Jersey). Waste Characterization Analytical Report and Acceptance Letter are provided in Appendix E. The soil disposal manifests are included in Appendix F.

The oil/water mixture generated during the tank removal was properly disposed of by PAL Environmental Services, Inc at Clean Waters of New York (Staten Island, NY). Disposal documentation is included as Appendix F.

The former UST and piping were properly disposed of by PAL Environmental Services, Inc. at Two Brothers Scrap Metal (12 Sarah Drive, Farmingdale, NY 11735). A receipt from the scrap facility is included in Appendix G.

### **3.2 UST Registration**

The tank was registered with NYSDEC Petroleum Bulk Storage (PBS) Program (PBS Number: 2-613172). The facility has the status of unregulated/closed since the tank was removed. No further action is required regarding registration activities. The PBS registration is included as Appendix H.

The New York City Fire Department (NYCFD) Bureau of Fire Prevention was notified of the permanent removal of the UST. A copy of the affidavit submitted to the NYCFD is included as Appendix I.



#### 4.0 ENDPOINT SAMPLING AND ANALYTICAL RESULTS

##### 4.1 Endpoint Sampling

On June 30, 2020, twelve endpoint samples, EP01 through EP12 were collected from the tank excavation. The samples were biased upon field observations toward the locations of greatest contamination. Sampling was performed in accordance with NYSDEC DER-10. The following table summarizes the location of each sample:

Endpoint Samples	Depth (fbg)	PID (ppm)	Location
EP01	12-13	645	Bottom – East
EP02	9-10	225	Sidewall – East
EP03	9-10	1205	Sidewall – East
EP04	12-13	370	Bottom – East/Middle
EP05	12-13	574	Bottom – West/Middle
EP06	10-11	860	Bottom – West
EP07	9-10	940	Sidewall – North
EP08	9-10	686	Sidewall – North
EP09	9-10	981	Sidewall – South
EP10	9-10	702	Sidewall – South
EP11	9-10	3050	Sidewall – West
EP12	9-10	3519	Sidewall – West

Sample locations are included on Figure 3.

Soil samples were collected in laboratory supplied glassware and submitted under chain of custody to York Analytical Laboratories of Stratford, CT, a New York State Department of Health (NYSDOH) Environmental Laboratory Approved Program (ELAP) certified laboratory. Soil samples were analyzed for:

- VOCs by United States Environmental Protection Agency (USEPA) Method 8260.
- New York State Department of Environmental Conservation (NYSDEC) Commissioner’s Protocol (CP)-51 SVOCs by USEPA Method 8270 for fuel oil contaminated soil.

##### 4.2 Soil Analytical Results

Soil quality analytical results were compared to NYSDEC Part 375 Soil Cleanup Objectives (SCOs)/CP-51 Soil Cleanup Levels.

Soil analytical results reported concentrations of VOCs and SVOCs as non-detect or below applicable standards in all soil samples analyzed. The reporting limit of several VOCs exceeded their respective SCOs/CP-51 SCL; however, each of these results were reported as non-detect.



A summary of the analytical results is presented as Table 1. The laboratory report is included as Appendix J.

## 5.0 CONCLUSIONS AND RECOMMENDATIONS

Castleton has prepared this Underground Storage Tank Closure Report for the property located at 161-05 – 161-07 29<sup>th</sup> Avenue, Flushing, New York.

One underground storage tank (UST) was removed from the site on June 29, 2020. Authorization to commence with tank removal activities was provided by NYSDEC (email, dated June 24, 2020). Prior to tank removal activities, the size of the abandoned fuel oil UST was unknown.

During the removal, the tank was found to be a 1,500-gallon capacity UST. Several holes were identified on the bottom and sides of the tank. Further, evidence of discharge, i.e., visual/olfactory signs of petroleum impact and elevated PID readings for VOCs, was observed within the excavation. Soil showing evidence of impact was removed from the excavation and stockpiled and covered with poly sheeting. Excavation activities continued until further excavation was no longer feasible due to site conditions. A total of 102.62 tons of petroleum impacted material was disposed of by PAL Environmental Services, Inc at Clean Earth of Carteret (Carteret, New Jersey). The soil disposal manifests are included in Appendix D.

Twelve endpoint samples were collected, and laboratory analyzed. The samples were biased upon field observations toward the locations of greatest contamination. Endpoint sampling analytical results report concentrations below applicable standards. Based on these findings, remedial activities were successful in that petroleum contaminated soils associated with the removed UST were effectively removed. Any residual petroleum impacted soil remaining is at depth and not representative of a significant threat to human health and the environment.

Based on the findings above and the tank removal work completed, Castleton requests closure of Spill Number 1911712 relative to the former UST.

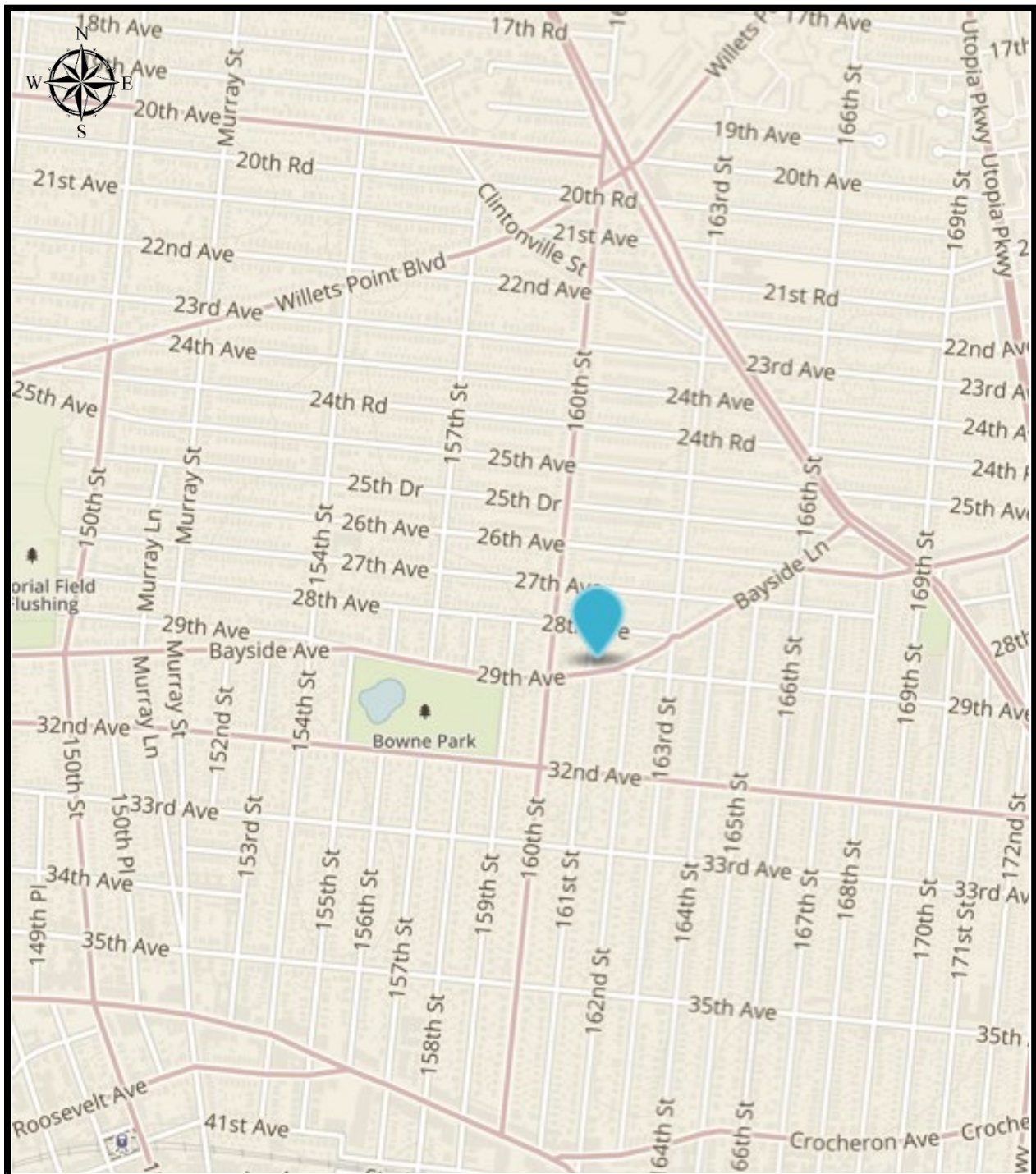
## 6.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

Frank P. Castellano, PG  
Principal

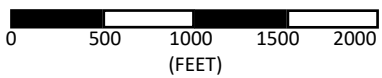
Daren Murphy  
Project Manager



## FIGURES



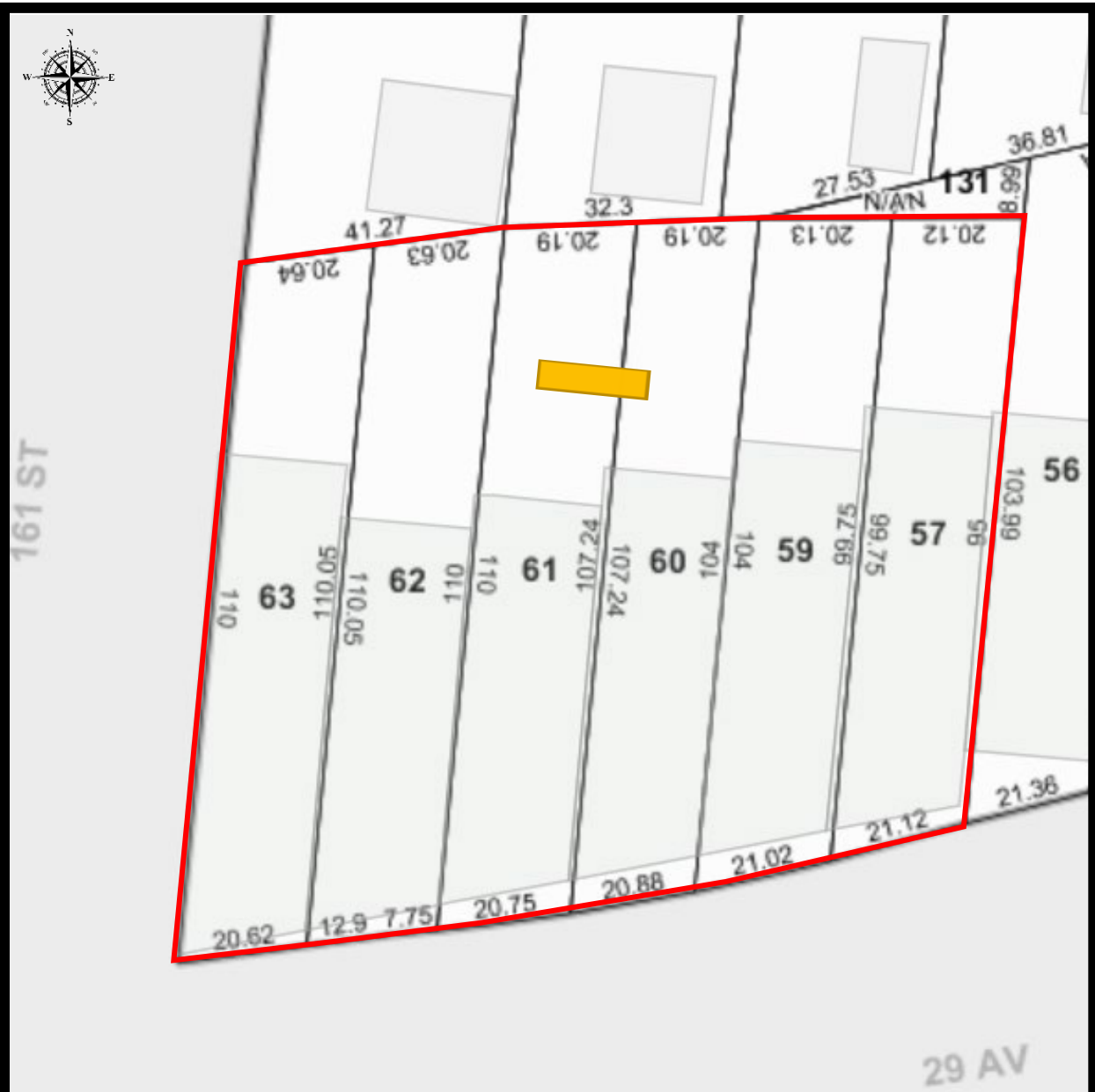
Leaflet © Mapbox © OpenStreetMap | Improve



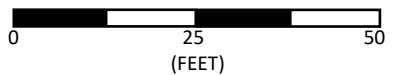
### Figure 1 – Vicinity Map

161-05 – 161-07 29<sup>th</sup> Avenue  
Flushing, New York







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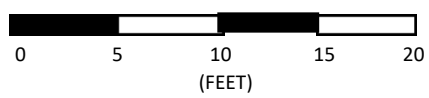
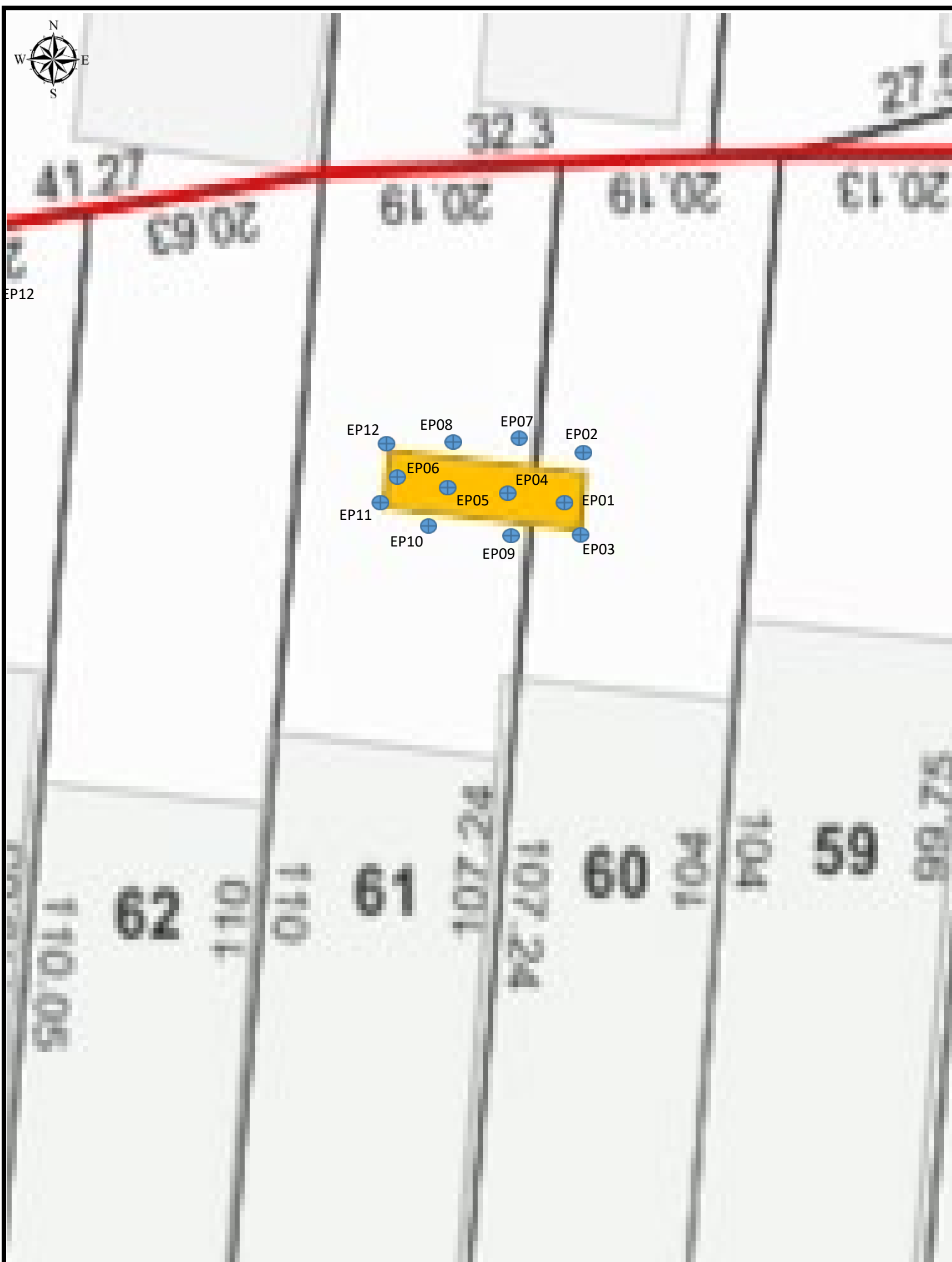


**Legend**

-  Site Boundary
-  Underground Storage Tank Location

**Figure 2 – Site Plan**  
161-05 – 161-07 29<sup>th</sup> Avenue  
Flushing, New York





**Legend**



Site Boundary



Underground Storage Tank Location

**Figure 3 – Endpoint Sample Locations**

161-05 – 161-07 29<sup>th</sup> Avenue  
Flushing, New York





## TABLES

TABLE 1  
SOIL ANALYTICAL SUMMARY  
VOLATILE ORGANIC COMPOUNDS AND SEMI-VOLATILE ORGANIC COMPOUNDS  
161-05 – 161-07 29TH AVENUE, FLUSHING, NY

Sample ID	Compound	NYSDC CP/SCO Table 2-Gasoline	NYSDC CP/SCO Table 3-Fuel Oil	NYSDC Part 375 Unrestricted Use Soil Cleanup Objectives	EP01 12-13' 20G0055-01 6/30/2020	EP02 9-10' 20G0055-02 6/30/2020	EP03 9-10' 20G0055-03 6/30/2020	EP04 12-13' 20G0055-04 6/30/2020	EP05 12-13' 20G0055-05 6/30/2020	EP06 10-11' 20G0055-06 6/30/2020	EP07 9-10' 20G0055-07 6/30/2020	EP08 9-10' 20G0055-08 6/30/2020	EP09 9-10' 20G0055-09 6/30/2020	EP10 9-10' 20G0055-10 6/30/2020	EP11 9-10' 20G0055-11 6/30/2020	EP12 9-10' 20G0055-12 6/30/2020
Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
<b>Volatiles, CP-51 (formerly STARS) List</b>																
Dilution Factor	~	~	~	~	1	1	1	1	1	1	1	1	1	1	1	1
Acenaphthene	~	20	~	~	1.100	0.460	D	0.680	D	0.280	D	0.520	D	0.770	D	1.800
Acenaphthylene	~	100	~	~	0.0480	0.0460	U	0.0460	U	0.0500	U	0.0480	U	0.0550	U	0.0480
Anthracene	~	100	~	~	0.490	0.250	D	0.510	JD	0.160	D	0.350	D	0.300	D	0.780
Benzo(a)anthracene	~	1	~	~	0.0480	0.0460	U	0.0460	U	0.0520	U	0.0480	U	0.0550	U	0.0480
Benzo(a)pyrene	~	1	~	~	0.0480	0.0460	U	0.0460	U	0.0500	U	0.0480	U	0.0550	U	0.0480
Benzo(b)fluoranthene	~	1	~	~	0.0480	0.0460	U	0.0460	U	0.0520	U	0.0480	U	0.0550	U	0.0480
Benzo(g,h,i)perylene	~	100	~	~	0.0480	0.0460	U	0.0460	U	0.0520	U	0.0480	U	0.0550	U	0.0480
Benzo(k)fluoranthene	~	0.8	~	~	0.0480	0.0460	U	0.0460	U	0.0500	U	0.0480	U	0.0550	U	0.0480
Chrysene	~	1	~	~	0.0480	0.0460	U	0.0460	U	0.0520	U	0.0480	U	0.0550	U	0.0480
Dibenzo(a,h)anthracene	~	0.33	~	~	0.0480	0.0460	U	0.0460	U	0.0500	U	0.0480	U	0.0550	U	0.0480
Fluoranthene	~	100	~	~	0.0740	0.0530	JD	0.0460	U	0.0500	U	0.0480	U	0.0550	U	0.220
Fluorene	~	30	~	~	1.800	0.790	D	1.400	D	0.560	D	1.200	D	1.100	D	3.700
Indeno(1,2,3-cd)pyrene	~	0.5	~	~	0.0480	0.0460	U	0.0460	U	0.0500	U	0.0480	U	0.0550	U	0.0480
Naphthalene	~	12	~	~	5.500	2.500	D	4.200	JD	0.940	D	2.300	D	3.300	D	1.300
Phenanthrene	~	100	~	~	4.200	1.400	D	2.500	D	0.310	D	1.100	D	6.900	D	1.100
Pyrene	~	100	~	~	0.200	0.0970	D	0.150	D	0.0520	U	0.0990	JD	0.110	D	0.140
Total Solids	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Dilution Factor	~	~	~	~	1	1	1	1	1	1	1	1	1	1	1	1
% Solids	~	~	~	~	85.900	89.100	89.200	88.900	79.700	83.300	84.800	86.600	76	75.700	85.400	89.500

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 columns used for analysis  
NT= this indicates the analyte was not a target for this sample  
~= this indicates that no regulatory limit has been established for this analyte  
Gray Shaded - Method detection limit exceeds the standard/guidance value





## APPENDIX A



**FOCUSED SUBSURFACE SITE INVESTIGATION (FSSI)**

**161-01/11 29TH AVENUE  
AKA 161-01/11 BAYSIDE LANE  
FLUSHING, QUEENS, NEW YORK 11358**

**PREPARED FOR**

**FLUSHING BANK**

**JANUARY 2020**

**MECC PROJECT NO. M18982A**

**MERRITT ENVIRONMENTAL CONSULTING CORP.**

77 Arkay Drive, Suite D, Hauppauge, NY 11788  
(631) 617-6200 . WWW.MERRITTEC.COM



77 Arkay Drive, Suite D, Hauppauge, NY 11788  
(631) 617-6200/Tel (631) 617-6201/Fax

January 3, 2020  
Project: M18982A

Ms. Kim Gentile  
Flushing Bank  
220 RXR Plaza  
Uniondale NY 11556

RE: Focused Subsurface Site Investigation (FSSI)  
161-01/11 29th Avenue  
Flushing, New York

Dear Ms. Gentile:

Merritt Environmental Consulting Corp. (“MECC”) has completed a Focused Subsurface Site Investigation (the “FSSI”) at the 161-01 to 161-11 29<sup>th</sup> Avenue property (the “Site”). The Site contains a series of six attached two-story mixed-use residential/commercial buildings constructed in 1931. No dry cleaning currently takes place at the Site. The principal intent of this study was to determine if soil or groundwater quality was adversely affected by potential releases of perchloroethylene (PCE) by historical Site dry cleaning operations. In addition, one closed in-place underground #2 heating oil storage tank (UST) is present at the Site; the scope of this study also included the UST. Three exterior soil borings were installed at the Site and converted to temporary well points for groundwater sampling. Groundwater samples were also collected from two sump pits in the basement of the former dry cleaner tenant space.

This study identified elevated concentrations of PCE in groundwater, along with other chlorinated volatile organic compounds (VOCs) that are PCE degradation products. The highest total chlorinated VOC content reported in the five collected groundwater samples is 140.2 micrograms per liter (ug/l) as identified in a sample collected from one of the two groundwater sump pits. Specifically, PCE was detected at 92 ug/l in this sump sample (the regulatory limit for PCE in ground water is 5 ug/l). Lesser total chlorinated VOC levels were detected in two additional collected groundwater samples: 90 ug/l in the sample collected from the second basement sump; and 5.7 ug/l in a groundwater sample collected from the building exterior. While the horizontal extent of groundwater impacted by chlorinated VOCs currently appears to be limited, the detected concentrations are great enough to warrant a recommendation for regulatory reporting and additional investigation to better understand the horizontal and vertical extent of the impacted media, and to determine if a volatile organic vapor intrusion condition exists within the Site building.

Further, evidence of a petroleum release from the UST was identified in groundwater. Petroleum-related VOCs and semi-volatile organic compounds (SVOCs) are reported in two groundwater samples collected from adjacent to the UST at concentrations that exceed applicable regulatory limits. Regulatory reporting is required in the State of New York when a petroleum release is discovered. MECC recommends that the UST be removed along with any petroleum-contaminated soil that may be a continuing source of a release to local groundwater. Depth to the local water table was measured to be as shallow as five feet bgs at the Site.

## **Background**

The Site is located at the northeast corner of the intersection of 29<sup>th</sup> Avenue and 161<sup>st</sup> Street in an urban setting. The large majority of properties surrounding the Site are used for residential purposes. The Site contains six attached two-story buildings housing commercial and retail operations on the ground floors and residential apartments on the second floors. A shared rear yard is present at the rear (north sides) of the Site buildings. Each of the Site building sections contains discrete full basements. The size of the Site is approximately 13,100 square feet inclusive of the building footprints and rear yard. The aggregate footprint of the Site buildings is approximately 7,300 square feet. Site building construction consists of wood-frame floor and roof decks with brick and mortar exterior walls. The Site appears to have always been connected to the local sewer and drinking water supply systems.

A recently completed phase I environmental site assessment (ESA) indicates that a dry cleaner historically occupied the commercial space at the 161-03 29<sup>th</sup> Avenue portion of the Site (currently occupied by a small drug store). According to sources of historical information gathered by the ESA, a dry cleaner occupied this Site tenant space between 1973 and 2014 and was known as “Rose Garden Cleaners.” Further, regulatory agency databases reviewed by the ESA shows that spent PCE was generated in this tenant space in 2007.

## **Topography and Geology**

The elevation of the Site is approximately 70 feet above mean sea level. Local surface topography has little relief with a slight downward slope to the north-northeast. MECC’s review of the attached USGS topographic map confirms an apparent slight downward slope to the northeast. Subsurface sediment encountered at the Site consists of clay with varying amounts of sand interspersed by water-bearing zones consisting of fine to coarse sand. This unconsolidated sediment likely represents a glaciofluvial depositional environment. Two of these water-bearing zones were encountered to a depth of 15 feet bgs. United States Geological Survey (USGS) interactive maps of Long Island list the depth to the unconfined aquifer in the Site area at approximately 40 feet bgs. Therefore, MECC believes that the encountered shallower water-bearing zones represent perched groundwater conditions. The lateral extent of these water-bearing zones is unknown but it appears that they extend beyond Site borders (evidence of water intrusion was observed within the Site building basements). Based on contaminant concentration gradients identified by this FSSI, it appears that local groundwater flow is likely to the north-northeast. Depth to water at the Site ranged from five feet to seven feet bgs.

## **Scope of Work Completed**

All field activities were conducted on December 12, 2019. A qualified contractor was retained to first conduct a ground-penetrating radar (GPR) survey of the rear yard at the Site. The GPR survey confirmed the location of the closed in-place heating oil UST. Please refer to the attached Site Sketch for the locations of the historical UST location. Based on the reported dimensions of the subsurface anomaly, MECC believes that the volume of the UST may be as great as 2,000 gallons.

The principal intent of this study was to determine if possible historical Site dry cleaning had adversely affected the environmental integrity of the Site. In addition, this FSSI was conducted to establish if the historical #2 heating UST released petroleum to the environment at actionable or reportable concentrations. A qualified contractor was retained to install a total of three exterior soil borings using a track-mount hydraulic direct-push drill rig (Soil Boring Nos. B1 through B3). B1 and B2 were installed directly adjacent to the UST and B3 was placed approximately 30 feet north of the rear entrance of the 161-03 29<sup>th</sup> Avenue Site address.

MECC originally proposed to install two soil borings into the basement floor of the 163-03 29<sup>th</sup> Avenue Site building for soil sample collection and laboratory analysis. However, two groundwater sump pits were observed in this basement. MECC therefore adjusted the scope of this project to collect a sample of the standing water

within each of these sumps. Since an unexpectedly shallow water-bearing deposit was encountered at the Site, this study was centered on establishing groundwater quality; no soil samples were submitted to the laboratory for analysis.

Mr. Frank Galdun, Qualified Environmental Professional (QEP) with MECC, conducted all field sampling activities and directed the drilling contractor.

All driller sampling tubes and rods were subjected to a water/alconox wash between soil boring locations to reduce the potential for cross contamination. All penetrations made by the drilling activities were filled and then patched with like surfacing material.

### **Soil Quality Field Screening Results**

Soil samples were continuously subjected to field screening techniques as B1 through B3 were drilled. The field screening techniques consisted of using a portable photoionization detector (PID) for measuring volatile organic vapors and assessing each soil sample for physical evidence of contamination. Field screening activities were conducted to boring termination at 15 feet bgs. PID readings in soil ranged from undetect to up to 100 parts per million (ppm) in B1 in clay and sand below the first water-bearing deposit at five feet to seven feet bgs. In addition, physical evidence of petroleum contamination was observed in soil and groundwater at both B1 and B2. No free-phase product was observed on water extracted from B1 and B2, although a heavy petroleum sheen and strong petroleum odors were identified. B3 was installed north of the dry cleaner tenant space, at some distance from the UST. No field evidence of soil or groundwater contamination as identified in this boring.

### **Soil/Groundwater Sampling and Laboratory Analysis**

Continuous soil sampling was accomplished by inserting a five-foot plastic sleeve into a casing at the end of the drill rods then driven into the subsurface. The sleeves were removed from the casings as they were extracted from the soil borings. Soil quality evaluation and soil sampling was conducted by cutting the sleeves longitudinally, exposing the collected soil.

Each of three exterior direct-push borings were converted to temporary well points by installing a ten-foot length of one-inch diameter PVC well screen to a depth of 15 feet bgs for groundwater sample collection. Unscreened riser extended to ground surface at each well point. Dedicated disposable one-quarter inch diameter flexible tubing fitted with a foot valve was then used to collect the groundwater samples. Groundwater was purged until apparent turbidity was visibly reduced and one groundwater sample was collected from the each well point for laboratory analysis. In addition, MECC collected one sample each from the standing water within the two sump pits in the basement of 161-03 29<sup>th</sup> Avenue for laboratory analysis.

The groundwater samples collected from the exterior temporary well points are identified on the attached laboratory report as B1GW through B3GW. The two water samples collected from the interior sumps are identified as Sump1 and Sump2. All samples (five groundwater) were analyzed at Veritech, a New York State Department of Health-Certified environmental laboratory (NYSDOH Cert. No. 10982). All samples were analyzed under EPA Method 8260 –VOCs. In addition, the two groundwater samples collected at B1 and B2 were further analyzed under EPA Method 8270 – SVOCs.

All appropriate chain of custody documentation shall be completed before sample shipment to the laboratory. All samples were collected in laboratory-supplied containers and shipped on ice to the laboratory within one day of completion of field activities.

VOCs were detected in the groundwater samples and the following table summarizes the laboratory report:

TABLE 1: VOC RESULTS FOR GROUNDWATER SAMPLES (detected compounds only)						
Compound	B1GW	B2GW	B3GW	Sump1	Sump2	Standards
Acetone	23	ND	ND	ND	<b>140</b>	50
Ethylbenzene	2.6	ND	ND	ND	ND	5
Isopropylbenzene	<b>18</b>	<b>14</b>	ND	ND	ND	5
Methyl-tert-butyl ether (MTBE)	3.6	2.0	ND	ND	ND	10
Naphthalene	<b>300</b>	<b>79</b>	ND	ND	ND	10
n-Propylbenzene	<b>26</b>	<b>22</b>	ND	ND	ND	5
n-Butylbenzene	ND	<b>6.2</b>	ND	ND	ND	5
sec-Butylbenzene	<b>16</b>	<b>13</b>	ND	ND	ND	5
tert-Butylbenzene	2.0	1.1	ND	ND	ND	5
cis-1,2-Dichloroethene	ND	ND	4.6	<b>8.2</b>	<b>13</b>	5
Trichloroethene	ND	ND	1.1	<b>40</b>	<b>12</b>	5
Perchloroethylene	ND	ND	ND	<b>92</b>	<b>65</b>	5
<b>Total VOCs</b>	391.2	137.3	5.7	140.2	230	

**NOTES**

All results are expressed in micrograms per liter (ug/l), which can also be expressed as parts per billion (ppb).

Any result in bold exceeds New York State Department of Health Maximum Contaminant Level for drinking water, and the guidance values or standard listed in the NYSDEC Division of Water Technical and Operational Guidance Series (1.1.1) or "TOGS" Water Quality Standards and Guidance Values.

ND: Parameter non-detected, below method detection limits.

Acetone was detected in two samples. However, this substance is commonly introduced into sample media during analytical procedures and is not considered by MECC as a representative of actual groundwater quality. Further, acetone is not a degradation product of PCE, nor is it a constituent of petroleum fuels.

Laboratory analysis of the groundwater samples identifies PCE at elevated concentrations in both of the interior sump samples. Trichloroethene (TCE) and cis-1,2-dichloroethene (cis-1,2-DCE) were also detected in both sump samples at concentrations exceeding the applicable regulatory limit (TCE and cis-1,2-DCE are PCE degradation products).

Aside from acetone, all detected VOCs in B1GW and B2GW are constituents of petroleum-related fuels. Naphthalene, which was detected in both B1GW and B2GW, is a common constituent of heavier petroleum fuels such as heating oil.

SVOCs were detected in B1GW and B2GW and Table 2 on the following page summarizes the laboratory data:

TABLE 2: SVOC RESULTS B1GW AND B2GW (detected compounds only)			
Compound	B1GW	B2GW	Standards
Acenaphthene	<b>89</b>	15	20
Anthracene	18	ND	50
Fluorene	<b>93</b>	21	50
Naphthalene	<b>290</b>	43	10
Phenanthrene	<b>190</b>	33	50
Pyrene	11	2.7	50
<b>Total SVOCs</b>	691	114.7	

**NOTES**

All results are expressed in micrograms per liter (ug/l), which can also be expressed as parts per billion (ppb).

Any result in bold exceeds New York State Department of Health Maximum Contaminant Level for drinking water, and the guidance values or standard listed in the NYSDEC Division of Water Technical and Operational Guidance Series (1.1.1) or "TOGS" Water Quality Standards and Guidance Values.

ND: Parameter non-detected, below method detection limits.

As shown, several individual SVOC concentrations exceed applicable regulatory limits, confirming MECC's field observations of groundwater quality.

**Conclusions/Recommendations**

Based on the data gathered by this study, MECC believes that the lateral extent of chlorinated VOC contamination caused by the former dry cleaner is limited and moderate in severity. However, the contaminant concentrations are great enough to warrant a recommendation to notify regulators and to conduct further investigation to better establish the horizontal and vertical extent of groundwater impact, and to determine if a vapor intrusion condition exists inside the building.

Laboratory analysis of the two groundwater samples collected from B1 and B2 show that an actionable petroleum release has occurred at the Site heating oil UST. Although MECC concludes that the extent and severity of this release is likely limited to the immediate vicinity of the UST, this finding requires regulatory reporting and corrective action. It is recommended that the UST be removed along with any soil containing petroleum contamination which is the presumed source of the discovered groundwater contamination.

**Limitations of the FSSI**

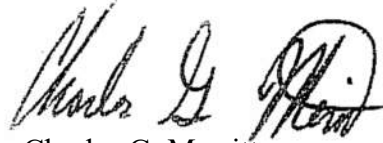
The scope of the FSSI is intended to aid in evaluating whether additional investigation would be prudent. The tasks that comprise this FSSI are not exhaustive or definitive. MECC has made no independent investigation of the accuracy of these secondary sources and has assumed them to be accurate and complete. MECC does not warrant the accuracy or completeness of information provided by secondary sources (MECC has no reason to believe that the secondary sources provided or acquired during this study contain intentionally false or misleading information). MECC does not warrant that all contamination that may exist under the Site has been discovered, that the Site is suitable for any particular purpose or that the Site is clean or free of liability.

If you have any questions concerning this document, please feel free to call our office.

Sincerely,  
MERRITT ENVIRONMENTAL CONSULTING CORP.



Frank Galdun  
Qualified Environmental Professional (QEP)



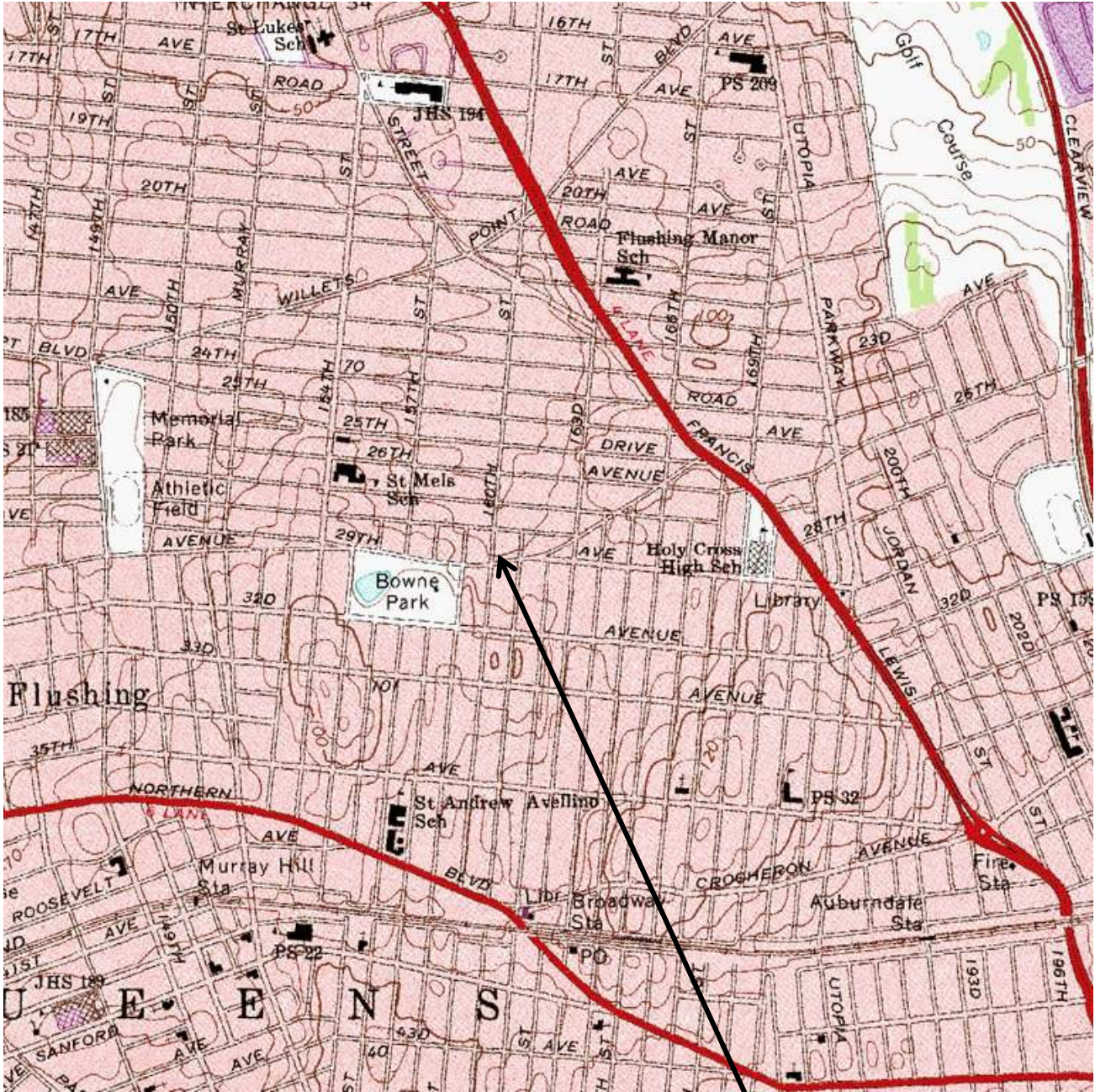
Charles G. Merritt  
President/LEED AP

**Attachments:**

- Attachment 1: Site Location Map and Site Plan
- Attachment 2: Laboratory Report of Analysis
- Attachment 3: Site Photographs
- Attachment 4: Soil Boring Logs



## Attachment 1: Site Location Map and Site Plan

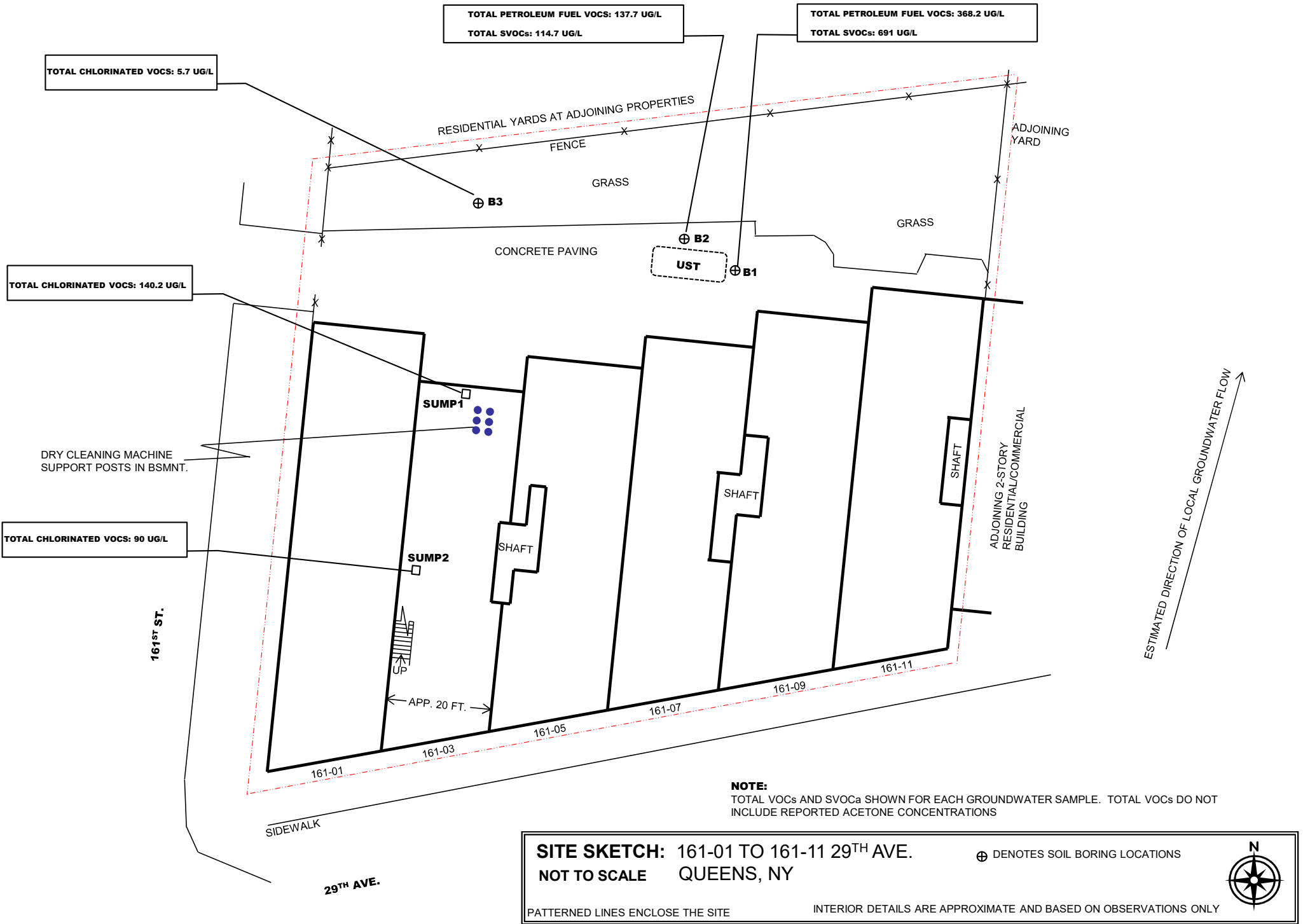


**SITE**

**FIGURE 1: SITE LOCATION MAP**  
 Contour Interval: 10'  
 USGS 7.5" Quadrangle Map titled *Flushing, NY*, dated 1995

**Site Address:**  
 161-01 to 161-11 29<sup>th</sup> Ave.  
 Queens, NY





## Attachment 2: Laboratory Report of Analysis

# Hampton-Clarke Report Of Analysis

Client: Merritt Environmental

HC Project #: 9121307

Project: 161-01 29th Ave

Sample ID: B1GW

Collection Date: 12/12/2019

Lab#: AD14656-001

Receipt Date: 12/13/2019

Matrix: Aqueous

## PAH Compounds 8270

Analyte	DF	Units	RL	Result		
<b>Acenaphthene</b>	5	ug/l	10	89		
Acenaphthylene	5	ug/l	10	ND		
<b>Anthracene</b>	5	ug/l	10	18		
Benzo[a]anthracene	5	ug/l	10	ND		
Benzo[a]pyrene	5	ug/l	10	ND		
Benzo[b]fluoranthene	5	ug/l	10	ND		
Benzo[g,h,i]perylene	5	ug/l	10	ND		
Benzo[k]fluoranthene	5	ug/l	10	ND		
Chrysene	5	ug/l	10	ND		
Dibenzo[a,h]anthracene	5	ug/l	10	ND		
Fluoranthene	5	ug/l	10	ND		
<b>Fluorene</b>	5	ug/l	10	93		
Indeno[1,2,3-cd]pyrene	5	ug/l	10	ND		
<b>Naphthalene</b>	5	ug/l	2.5	290		
<b>Phenanthrene</b>	5	ug/l	10	190		
<b>Pyrene</b>	5	ug/l	10	11		
<b>Surrogate</b>	<b>Conc.</b>	<b>Spike</b>	<b>Low Limit</b>	<b>High Limit</b>	<b>Recovery</b>	<b>Flags</b>
Terphenyl-d14	6.55	50	55	146	65	
Phenol-d5	0.47	100	27	115	2	
Nitrobenzene-d5	7.70	50	51	139	77	
2-Fluorophenol	0.00	100	29	113	0	
2-Fluorobiphenyl	5.96	50	53	129	60	
2,4,6-Tribromophenol	0.00	100	54	149	0	

## Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,4-Trimethylbenzene	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,3,5-Trimethylbenzene	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
4-Isopropyltoluene	1	ug/l	1.0	ND
<b>Acetone</b>	1	ug/l	5.0	23
Benzene	1	ug/l	0.50	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
<b>Ethylbenzene</b>	1	ug/l	1.0	2.6
<b>Isopropylbenzene</b>	1	ug/l	1.0	18
m&p-Xylenes	1	ug/l	1.0	ND
Methylene chloride	1	ug/l	1.0	ND
<b>Methyl-t-butyl ether</b>	1	ug/l	0.50	3.6
<b>Naphthalene</b>	1	ug/l	1.0	300
n-Butylbenzene	1	ug/l	1.0	ND
<b>n-Propylbenzene</b>	1	ug/l	1.0	26
o-Xylene	1	ug/l	1.0	ND
<b>sec-Butylbenzene</b>	1	ug/l	1.0	16
<b>t-Butylbenzene</b>	1	ug/l	1.0	2.0
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND

**Sample ID: B1GW**  
**Lab#: AD14656-001**  
**Matrix: Aqueous**

**Collection Date: 12/12/2019**  
**Receipt Date: 12/13/2019**

trans-1,2-Dichloroethene	1	ug/l	1.0		ND	
Trichloroethene	1	ug/l	1.0		ND	
Vinyl chloride	1	ug/l	1.0		ND	
Xylenes (Total)	1	ug/l	1.0		ND	
<b>Surrogate</b>	<b>Conc.</b>	<b>Spike</b>	<b>Low Limit</b>	<b>High Limit</b>	<b>Recovery</b>	<b>Flags</b>
Toluene-d8	29.53	30	79	111	98	
Dibromofluoromethane	35.50	30	73	131	118	
Bromofluorobenzene	27.55	30	82	112	92	
1,2-Dichloroethane-d4	35.92	30	78	128	120	

Sample ID: B2GW  
 Lab#: AD14656-002  
 Matrix: Aqueous

Collection Date: 12/12/2019  
 Receipt Date: 12/13/2019

PAH Compounds 8270

Analyte	DF	Units	RL	Result		
Acenaphthene	1	ug/l	2.0	15		
Acenaphthylene	1	ug/l	2.0	ND		
Anthracene	1	ug/l	2.0	ND		
Benzo[a]anthracene	1	ug/l	2.0	ND		
Benzo[a]pyrene	1	ug/l	2.0	ND		
Benzo[b]fluoranthene	1	ug/l	2.0	ND		
Benzo[g,h,i]perylene	1	ug/l	2.0	ND		
Benzo[k]fluoranthene	1	ug/l	2.0	ND		
Chrysene	1	ug/l	2.0	ND		
Dibenzo[a,h]anthracene	1	ug/l	2.0	ND		
Fluoranthene	1	ug/l	2.0	ND		
<b>Fluorene</b>	<b>1</b>	<b>ug/l</b>	<b>2.0</b>	<b>21</b>		
Indeno[1,2,3-cd]pyrene	1	ug/l	2.0	ND		
<b>Naphthalene</b>	<b>1</b>	<b>ug/l</b>	<b>0.50</b>	<b>43</b>		
<b>Phenanthrene</b>	<b>1</b>	<b>ug/l</b>	<b>2.0</b>	<b>33</b>		
<b>Pyrene</b>	<b>1</b>	<b>ug/l</b>	<b>2.0</b>	<b>2.7</b>		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Terphenyl-d14	45.22	50	55	146	90	
Phenol-d5	0.61	100	27	115	1	
Nitrobenzene-d5	50.89	50	51	139	102	
2-Fluorophenol	0.00	100	29	113	0	
2-Fluorobiphenyl	36.20	50	53	129	72	
2,4,6-Tribromophenol	0.00	100	54	149	0	

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	Result		
1,1,1-Trichloroethane	1	ug/l	1.0	ND		
1,1-Dichloroethane	1	ug/l	1.0	ND		
1,1-Dichloroethene	1	ug/l	1.0	ND		
1,2,4-Trimethylbenzene	1	ug/l	1.0	ND		
1,2-Dichlorobenzene	1	ug/l	1.0	ND		
1,2-Dichloroethane	1	ug/l	0.50	ND		
1,3,5-Trimethylbenzene	1	ug/l	1.0	ND		
1,3-Dichlorobenzene	1	ug/l	1.0	ND		
1,4-Dichlorobenzene	1	ug/l	1.0	ND		
1,4-Dioxane	1	ug/l	50	ND		
2-Butanone	1	ug/l	1.0	ND		
4-Isopropyltoluene	1	ug/l	1.0	ND		
Acetone	1	ug/l	5.0	ND		
Benzene	1	ug/l	0.50	ND		
Carbon tetrachloride	1	ug/l	1.0	ND		
Chlorobenzene	1	ug/l	1.0	ND		
Chloroform	1	ug/l	1.0	ND		
cis-1,2-Dichloroethene	1	ug/l	1.0	ND		
Ethylbenzene	1	ug/l	1.0	ND		
<b>Isopropylbenzene</b>	<b>1</b>	<b>ug/l</b>	<b>1.0</b>	<b>14</b>		
m&p-Xylenes	1	ug/l	1.0	ND		
Methylene chloride	1	ug/l	1.0	ND		
<b>Methyl-t-butyl ether</b>	<b>1</b>	<b>ug/l</b>	<b>0.50</b>	<b>2.0</b>		
<b>Naphthalene</b>	<b>1</b>	<b>ug/l</b>	<b>1.0</b>	<b>79</b>		
<b>n-Butylbenzene</b>	<b>1</b>	<b>ug/l</b>	<b>1.0</b>	<b>6.2</b>		
<b>n-Propylbenzene</b>	<b>1</b>	<b>ug/l</b>	<b>1.0</b>	<b>22</b>		
o-Xylene	1	ug/l	1.0	ND		
<b>sec-Butylbenzene</b>	<b>1</b>	<b>ug/l</b>	<b>1.0</b>	<b>13</b>		
<b>t-Butylbenzene</b>	<b>1</b>	<b>ug/l</b>	<b>1.0</b>	<b>1.1</b>		
Tetrachloroethene	1	ug/l	1.0	ND		
Toluene	1	ug/l	1.0	ND		
trans-1,2-Dichloroethene	1	ug/l	1.0	ND		
Trichloroethene	1	ug/l	1.0	ND		
Vinyl chloride	1	ug/l	1.0	ND		
Xylenes (Total)	1	ug/l	1.0	ND		

Sample ID: B2GW  
Lab#: AD14656-002  
Matrix: Aqueous

Collection Date: 12/12/2019  
Receipt Date: 12/13/2019

Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	30.53	30	79	111	102	
Dibromofluoromethane	34.29	30	73	131	114	
Bromofluorobenzene	30.66	30	82	112	102	
1,2-Dichloroethane-d4	34.54	30	78	128	115	



Sample ID: B3GW  
 Lab#: AD14656-003  
 Matrix: Aqueous

Collection Date: 12/12/2019  
 Receipt Date: 12/13/2019

**Volatile Organics (no search) 8260**

Analyte	DF	Units	RL	Result		
1,1,1-Trichloroethane	1	ug/l	1.0	ND		
1,1-Dichloroethane	1	ug/l	1.0	ND		
1,1-Dichloroethene	1	ug/l	1.0	ND		
1,2,4-Trimethylbenzene	1	ug/l	1.0	ND		
1,2-Dichlorobenzene	1	ug/l	1.0	ND		
1,2-Dichloroethane	1	ug/l	0.50	ND		
1,3,5-Trimethylbenzene	1	ug/l	1.0	ND		
1,3-Dichlorobenzene	1	ug/l	1.0	ND		
1,4-Dichlorobenzene	1	ug/l	1.0	ND		
1,4-Dioxane	1	ug/l	50	ND		
2-Butanone	1	ug/l	1.0	ND		
4-Isopropyltoluene	1	ug/l	1.0	ND		
Acetone	1	ug/l	5.0	ND		
Benzene	1	ug/l	0.50	ND		
Carbon tetrachloride	1	ug/l	1.0	ND		
Chlorobenzene	1	ug/l	1.0	ND		
Chloroform	1	ug/l	1.0	ND		
<b>cis-1,2-Dichloroethene</b>	<b>1</b>	<b>ug/l</b>	<b>1.0</b>	<b>4.6</b>		
Ethylbenzene	1	ug/l	1.0	ND		
Isopropylbenzene	1	ug/l	1.0	ND		
m&p-Xylenes	1	ug/l	1.0	ND		
Methylene chloride	1	ug/l	1.0	ND		
Methyl-t-butyl ether	1	ug/l	0.50	ND		
Naphthalene	1	ug/l	1.0	ND		
n-Butylbenzene	1	ug/l	1.0	ND		
n-Propylbenzene	1	ug/l	1.0	ND		
o-Xylene	1	ug/l	1.0	ND		
sec-Butylbenzene	1	ug/l	1.0	ND		
t-Butylbenzene	1	ug/l	1.0	ND		
Tetrachloroethene	1	ug/l	1.0	ND		
Toluene	1	ug/l	1.0	ND		
trans-1,2-Dichloroethene	1	ug/l	1.0	ND		
<b>Trichloroethene</b>	<b>1</b>	<b>ug/l</b>	<b>1.0</b>	<b>1.1</b>		
Vinyl chloride	1	ug/l	1.0	ND		
Xylenes (Total)	1	ug/l	1.0	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	28.53	30	79	111	95	
Dibromofluoromethane	36.01	30	73	131	120	
Bromofluorobenzene	29.54	30	82	112	98	
1,2-Dichloroethane-d4	36.69	30	78	128	122	

Sample ID: SUMP1  
 Lab#: AD14656-004  
 Matrix: Aqueous

Collection Date: 12/12/2019  
 Receipt Date: 12/13/2019

**Volatile Organics (no search) 8260**

Analyte	DF	Units	RL	Result		
1,1,1-Trichloroethane	1	ug/l	1.0	ND		
1,1-Dichloroethane	1	ug/l	1.0	ND		
1,1-Dichloroethene	1	ug/l	1.0	ND		
1,2,4-Trimethylbenzene	1	ug/l	1.0	ND		
1,2-Dichlorobenzene	1	ug/l	1.0	ND		
1,2-Dichloroethane	1	ug/l	0.50	ND		
1,3,5-Trimethylbenzene	1	ug/l	1.0	ND		
1,3-Dichlorobenzene	1	ug/l	1.0	ND		
1,4-Dichlorobenzene	1	ug/l	1.0	ND		
1,4-Dioxane	1	ug/l	50	ND		
2-Butanone	1	ug/l	1.0	ND		
4-Isopropyltoluene	1	ug/l	1.0	ND		
Acetone	1	ug/l	5.0	ND		
Benzene	1	ug/l	0.50	ND		
Carbon tetrachloride	1	ug/l	1.0	ND		
Chlorobenzene	1	ug/l	1.0	ND		
Chloroform	1	ug/l	1.0	ND		
<b>cis-1,2-Dichloroethene</b>	<b>1</b>	<b>ug/l</b>	<b>1.0</b>	<b>8.2</b>		
Ethylbenzene	1	ug/l	1.0	ND		
Isopropylbenzene	1	ug/l	1.0	ND		
m&p-Xylenes	1	ug/l	1.0	ND		
Methylene chloride	1	ug/l	1.0	ND		
Methyl-t-butyl ether	1	ug/l	0.50	ND		
Naphthalene	1	ug/l	1.0	ND		
n-Butylbenzene	1	ug/l	1.0	ND		
n-Propylbenzene	1	ug/l	1.0	ND		
o-Xylene	1	ug/l	1.0	ND		
sec-Butylbenzene	1	ug/l	1.0	ND		
t-Butylbenzene	1	ug/l	1.0	ND		
<b>Tetrachloroethene</b>	<b>1</b>	<b>ug/l</b>	<b>1.0</b>	<b>92</b>		
Toluene	1	ug/l	1.0	ND		
trans-1,2-Dichloroethene	1	ug/l	1.0	ND		
<b>Trichloroethene</b>	<b>1</b>	<b>ug/l</b>	<b>1.0</b>	<b>40</b>		
Vinyl chloride	1	ug/l	1.0	ND		
Xylenes (Total)	1	ug/l	1.0	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	29.12	30	79	111	97	
Dibromofluoromethane	36.19	30	73	131	121	
Bromofluorobenzene	29.10	30	82	112	97	
1,2-Dichloroethane-d4	32.98	30	78	128	110	

Sample ID: SUMP2  
 Lab#: AD14656-005  
 Matrix: Aqueous

Collection Date: 12/12/2019  
 Receipt Date: 12/13/2019

**Volatile Organics (no search) 8260**

Analyte	DF	Units	RL	Result		
1,1,1-Trichloroethane	1	ug/l	1.0	ND		
1,1-Dichloroethane	1	ug/l	1.0	ND		
1,1-Dichloroethene	1	ug/l	1.0	ND		
1,2,4-Trimethylbenzene	1	ug/l	1.0	ND		
1,2-Dichlorobenzene	1	ug/l	1.0	ND		
1,2-Dichloroethane	1	ug/l	0.50	ND		
1,3,5-Trimethylbenzene	1	ug/l	1.0	ND		
1,3-Dichlorobenzene	1	ug/l	1.0	ND		
1,4-Dichlorobenzene	1	ug/l	1.0	ND		
1,4-Dioxane	1	ug/l	50	ND		
2-Butanone	1	ug/l	1.0	ND		
4-Isopropyltoluene	1	ug/l	1.0	ND		
<b>Acetone</b>	<b>1</b>	<b>ug/l</b>	<b>5.0</b>	<b>140</b>		
Benzene	1	ug/l	0.50	ND		
Carbon tetrachloride	1	ug/l	1.0	ND		
Chlorobenzene	1	ug/l	1.0	ND		
Chloroform	1	ug/l	1.0	ND		
<b>cis-1,2-Dichloroethene</b>	<b>1</b>	<b>ug/l</b>	<b>1.0</b>	<b>13</b>		
Ethylbenzene	1	ug/l	1.0	ND		
Isopropylbenzene	1	ug/l	1.0	ND		
m&p-Xylenes	1	ug/l	2.0	ND		
Methylene chloride	1	ug/l	1.0	ND		
Methyl-t-butyl ether	1	ug/l	0.50	ND		
Naphthalene	1	ug/l	1.0	ND		
n-Butylbenzene	1	ug/l	1.0	ND		
n-Propylbenzene	1	ug/l	1.0	ND		
o-Xylene	1	ug/l	1.0	ND		
sec-Butylbenzene	1	ug/l	1.0	ND		
t-Butylbenzene	1	ug/l	1.0	ND		
<b>Tetrachloroethene</b>	<b>1</b>	<b>ug/l</b>	<b>1.0</b>	<b>65</b>		
Toluene	1	ug/l	1.0	ND		
trans-1,2-Dichloroethene	1	ug/l	1.0	ND		
<b>Trichloroethene</b>	<b>1</b>	<b>ug/l</b>	<b>1.0</b>	<b>12</b>		
Vinyl chloride	1	ug/l	1.0	ND		
Xylenes (Total)	1	ug/l	1.0	ND		
Surrogate	Conc.	Spike	Low Limit	High Limit	Recovery	Flags
Toluene-d8	29.04	30	79	111	97	
Dibromofluoromethane	27.76	30	73	131	93	
Bromofluorobenzene	29.70	30	82	112	99	
1,2-Dichloroethane-d4	30.51	30	78	128	102	

**Hampton-Clarke, Inc. (WBE/DBE/SBE)**  
 175 Route 46 West and 2 Madison Road, Fairfield, New Jersey 07004  
 Ph: 800-426-9992 | 973-244-9770 Fax: 973-244-9787 | 973-439-1458  
 Service Center: 137-D Gaither Drive, Mount Laurel, New Jersey 08054  
 Ph (Service Center): 856-780-6057 Fax: 856-780-6056



Project # (Lab Use Only) **9121307** Page **1** of **1**  
**3) Reporting Requirements (Please Circle)**

**Customer Information**  
 1a) Customer: MEARLST  
 Address: 77 AVALON DR  
 1b) Email/Ceiling/Fax/Ph: FRANK@AVALONDR.COM  
 1c) Send Invoice to: FRANK@AVALONDR.COM  
 1d) Send Report to: FRANK@AVALONDR.COM

**Project Information**  
 2a) Project: 161-01 ZPTT FIVE  
 2b) Project Mgr: QUEEN'S NY  
 2c) Project Location (City/State): GAITHERSBURG  
 2d) Order/PO # (If Applicable):

**Turnaround**  
 When Available:  
 1 Business Day (100%)\*  
 2 Business Days (75%)\*  
 3 Business Days (50%)\*  
 4 Business Days (35%)\*  
 5 Business Days (25%)\*  
 8 Business Days (Stand.)  
 Other: \_\_\_\_\_

**Report Type**  
 Summary  Results + QC (Waste)  
 Reduced:  NJ  NY  
 PA  Other \_\_\_\_\_  
 NJ Full / NY ASP CatB  
 NY ASP CatA

**Electronic Data Deliv.**  
 NU HazSite  
 Excel Reg. - NJ / NY / PA  
 EnviroData  
 EQUIS:  4-File  EZ  
 NYDEC  
 Region 2 or 5  
 Other: PDF

**FOR LAB USE ONLY**  
 Matrix Codes  
 DW - Drinking Water S - Soil A - Air  
 GW - Ground Water SL - Sludge  
 WW - Waste Water OL - Oil  
 OT - Other (please specify under item 9, Comments)

Batch # AN4656

====> Check If Contingent =====>

7) Analysis (specify methods & parameter lists)

====< Check If Contingent <====

\* Expedited TAT Not Always Available. Please Check with Lab.

Lab Sample #	4) Customer Sample ID	5) Matrix	6) Sample		Composite (C)	Grab (G)	Sample Type	8) # of Bottles					9) Comments				
			Date	Time				None	MeOH	En Core	NaOH	HCl		H2SO4	HNO3	Other:	
001	B16W	GW	12/19	9:40				1									
002	<del>B16W</del> B26W	GW	12/19	11:00				1									
003	B33GW	GW	12/19	11:08				1									
004	DEY SUMP1	GW	12/19	12:00													
005	SUMP2	GW	12/19	12:00													

10) Relinquished by: [Signature] Accepted by: [Signature] Date: 12/13/19 Time: 10:20

11) Sampler (print name): FRANK SHAWNS Date: 12/12/19

Additional Notes

**Comments, Notes, Special Requirements, HAZARDS**

Indicate if low-level methods required to meet current groundwater standards (SPLP for soil):  
 BN or BNA (8270D SIM)   
 VOC (8260C SIM or 8011)   
 SPLP (BN, BNA, Metals)   
 1,4 Dioxane

Check if applicable:  
 Project-Specific Reporting Limits   
 High Contaminant Concentrations   
 NJ LSRP Project (also check boxes above/right)

For NJ LSRP projects, indicate which standards need to be met:  
 NUDEP GWQS   
 NUDEP SRS   
 NUDEP SPLP   
 Other (specify): \_\_\_\_\_

Please note NUMBERED items. If not completed your analytical work may be delayed.  
 A fee of \$5/sample will be assessed for storage should sample not be activated for any analysis.

Internal use: sampling plan (check box) HC  or client  FSP# \_\_\_\_\_ Cooler Temperature 24.9

## Attachment 3: Site Photographs

FSSI  
161-01 TO 161-11 29<sup>TH</sup> AVENUE, QUEENS, NEW YORK

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**Photograph 1:** General view of the rear Site yard looking east from 161<sup>st</sup> Street. Site buildings at right.



**Photograph 2:** Outline of the UST in red spray paint as established by the GPR survey. Photographer facing west.



**Photograph 3:** View of Sump1 in the basement of 161-03 29<sup>th</sup> Avenue (sump is under plywood cover at background). Support posts for former dry cleaning machine visible at right.



**Photograph 4:** Sump2 in the basement of 161-03 29<sup>th</sup> Avenue.



**Photograph 5:** Soil samples collected from B1. Discoloration by petroleum is evident (grey-colored material).



## Attachment 4: Soil Boring Logs

<b>MERRITT ENVIRONMENTAL CONSULTING CORP.</b> <b>77 Arkay Dr., Suite D</b> <b>Hauppauge, NY 11788</b> <b>631.617.3200</b>		Boring No. <b>B1</b>
	Project Number: 20030021	Boring location: <b>see site plan</b>
Driller: LEA Geologist: Frank Galdun	Location: 161-01 to 161-11 29 <sup>th</sup> Ave. Queens, NY	
Groundwater Observations: <u>Wet 5'</u>	Geoprobe with 5-foot casing sampler Type: Track Size I.D. 2" Hammer wt. N/A Hammer Fall: N/A	Date Start : <b>12/12/19</b> Date Complete : <b>12/12/19</b> Surface Elev. : N/A Groundwater Elev.: N/A

Depth feet	Sample		Blows per 6 "			density moisture	PID	Field Identification of soil Remarks	
	#	Type	0-6	6-12	12-18				
0'-5'	N/A	N/A	N/A	N/A	N/A	Moist	0.0	60% recovery. Gray to brown clay some fine sand. Slight petroleum odor at bottom.	
									4.0
5'-10'						Wet	100.0	80% recovery. Water-bearing medium sand 5'-7'. Gray clay 7'-10'. Strong petroleum odor, soil discoloration.	
									20.0
10'-15'						Wet	10.0	90% recovery. Water-bearing medium sand 10'-12'. Gray to brown clay 12'-15'. Petroleum odor.	
									0.8
	▼	▼	▼	▼	▼			End of boring 15'. Well screen installed 15' to 5' for groundwater sampling.	

ground surface to \_\_\_\_\_ft. used \_\_\_\_\_ casing then \_\_\_\_\_ casing to \_\_\_\_\_ft  
A= auger      ss: split spoon sampler    mc: macrocore    HSA: hollow stem auger    HA: Hand Auger  
Trace: 0-10%    Little: 10-20%    some: 20-10%  
C= coarse      M=medium      F=fine

<b>MERRITT ENVIRONMENTAL CONSULTING CORP.</b> <b>77 Arkay Dr., Suite D</b> <b>Hauppauge, NY 11788</b> <b>631.617.3200</b>		Boring No. <b>B2</b>
	Project Number: 20030021	Boring location: <b>see site plan</b>
Driller: <b>LEA</b> Geologist: <b>Frank Galdun</b>	Location: 161-01 to 161-11 29 <sup>th</sup> Ave. Queens, NY	
Groundwater Observations: <u>Wet 5'</u>	Geoprobe with 5-foot casing sampler Type: track unit Size I.D. 2" Hammer wt. N/A Hammer Fall: N/A	Date Start : <b><u>12/12/19</u></b> Date Complete : <b><u>12/12/19</u></b> Surface Elev. : N/A Groundwater Elev.: N/A

Depth feet	Sample		Blows per 6 "			density moisture	PID	Field Identification of soil Remarks
	#	Type	0-6	6-12	12-18			
0'-5'	N/A	N/A	N/A	N/A	N/A	Moist	0.0	40% recovery. Brown fine sand and clay. No odor.
5'-10'						Moist	30.0	70% recovery. Moist gray clay some fine sand. Slight petroleum odor, soil discoloration.
10'-15'						Wet	24.0	90% recovery. Water-bearing medium gray sand 10'-12'. Gray to brown clay 12'-15'. Petroleum odor.
						0.3		
								End of boring 15'. Well screen installed 15' to 5' for groundwater sampling.

ground surface to \_\_\_\_\_ ft. used \_\_\_\_\_ casing then \_\_\_\_\_ casing to \_\_\_\_\_ ft  
 A= auger ss: split spoon sampler mc: macrocore HSA: hollow stem auger HA: Hand Auger  
 Trace: 0-10% Little: 10-20% some: 20-10%  
 C= coarse M=medium F=fine

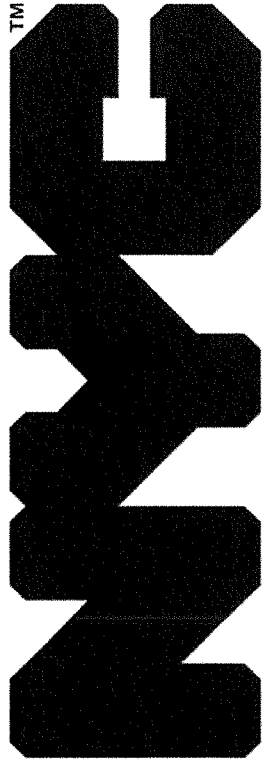
<b>MERRITT ENVIRONMENTAL CONSULTING CORP.</b> <b>77 Arkay Dr., Suite D</b> <b>Hauppauge, NY 11788</b> <b>631.617.3200</b>		Boring No. <b>B3</b>
	Project Number: 20030021	Boring location:  <b>see site plan</b>
Driller: LEA Geologist: Frank Galdun	Location: 161-01 to 161-11 29 <sup>th</sup> Ave. Queens, NY	
Groundwater Observations: <u>Wet 7'</u>	Geoprobe with 5-foot casing sampler Type: Track Size I.D. 2" Hammer wt. N/A Hammer Fall: N/A	Date Start : <b><u>12/12/19</u></b> Date Complete : <b><u>12/12/19</u></b> Surface Elev. : N/A Groundwater Elev.: N/A

Depth feet	Sample		Blows per 6 "			density moisture	PID	Field Identification of soil Remarks
	#	Type	0-6	6-12	12-18			
0'-5'	N/A	N/A	N/A	N/A	N/A	Dry	0.0	70% recovery. Brown fine sand, clay trace rock fragments. No odor.
5'-10'						Moist	0.0	80% recovery. Moist gray clay and fine sand. No odor.
							0.0	
10'-15'						Wet	24.0	80% recovery. Water-bearing medium brown sand 10'-12'. Brown clay 12'-15'. No odor.
							0.3	
	▼	▼	▼	▼	▼			End of boring 15'. Well screen installed 15' to 5' for groundwater sampling.

ground surface to \_\_\_\_\_ ft. used \_\_\_\_\_ casing then \_\_\_\_\_ casing to \_\_\_\_\_ ft  
A= auger ss: split spoon sampler mc: macrocore HSA: hollow stem auger HA: Hand Auger  
Trace: 0-10% Little: 10-20% some: 20-10%  
C= coarse M=medium F=fine



## APPENDIX B



# Buildings

## Work Permit Department of Buildings



Permit Number: 440596222-01-EW-OT

Issued: 06/11/2020

Expires: 12/13/2020

Address: QUEENS 161-11 29TH AVENUE

Issued to: SALVATORE J DILORENZO  
Business: PAL ENVIRONMENTAL SAFETY

Contractor No: GC-2847

Description of Work: **CONCRETE WORK NOT AUTHORIZED - CONCRETE PLACEMENT, FORMWORK, STEEL REINFORCING NOT PERMITTED.**

**ALTERATION TYPE 2 - GEN. CONSTR. REMOVAL OF TANK AT REAR COURTYARD AS PER THE SUBMITTED DRAWINGS. NO CHANGE IN USE, EGRESS OR OCCUPANCY.**

Number of dwelling units occupied during construction: 2  
Review is requested under Building Code: 2014

SITE FILL: NOT APPLICABLE

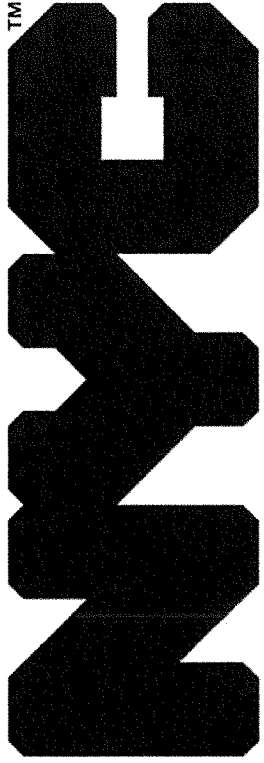
To see a Zoning Diagram (ZD1) or to challenge a zoning approval filed as part of a New Building application or Alteration application filed after 7/13/2009, please use "My Community" on the Buildings Department web site at [www.nyc.gov/buildings](http://www.nyc.gov/buildings).

Emergency Telephone Day or Night: 311

Borough Commissioner:

Commissioner of Buildings:

This permit copy created on 06/12/2020 reflects the Commissioner(s) as of such date.  
Tampering with or knowingly making a false entry in or falsely altering this permit is a crime that is punishable by a fine, imprisonment or both. 01 06/12/2020



**Buildings**



# Work Permit Department of Buildings

Permit Number: 440596259-01-EQ-OT

Issued: 06/11/2020 Expires: 06/11/2021

Address: QUEENS 161-11 29TH AVENUE

Issued to: SALVATORE J DILORENZO  
Business: PAL ENVIRONMENTAL SAFETY  
Contractor No: GC-2847

**Description of Work:**

ALTERATION TYPE 3 - CONSTRUCTION EQUIPMENT - OTHER USE OF EQUIPMENT (CAT 430E BACKHOE) FOR THE REMOVAL OF TANK.

Number of dwelling units occupied during construction: 2  
Review is requested under Building Code: 2014

To see a Zoning Diagram (ZD1) or to challenge a zoning approval filed as part of a New Building application or Alteration application filed after 7/13/2009, please use "My Community" on the Buildings Department web site at [www.nyc.gov/buildings](http://www.nyc.gov/buildings).

Emergency Telephone Day or Night: 311

Borough Commissioner:

Commissioner of Buildings:

This permit copy created on 06/12/2020 reflects the Commissioner(s) as of such date.  
Tampering with or knowingly making a false entry in or falsely altering this permit is a crime that is punishable by a fine, imprisonment or both. 01 06/12/2020



## APPENDIX C





## APPENDIX D



# ALLOCCO RECYCLING

540 Kingsland Avenue  
Brooklyn, New York 11222  
718-349-3094  
FAX: 718-349-3097

206871

Job # 206243

DATE 2/1/20

CUSTOMER PAL Environmental

JOB LOCATION 101-29 112 St Queens Queens NY

HAULER PAL #1

DUMPING MATERIAL

PROCESS MATERIAL

ASPHALT LOAD \_\_\_\_\_ CY

BLEND \_\_\_\_\_ CY

BRICK LOAD \_\_\_\_\_ CY

BLUE STONE \_\_\_\_\_ CY

CONCRETE LOAD \_\_\_\_\_ CY

FILL 16 \_\_\_\_\_ CY

CONCRETE OVERSIZE \_\_\_\_\_ CY

SAND \_\_\_\_\_ CY

DEMO LOAD \_\_\_\_\_ CY

STONE 3/4 \_\_\_\_\_ CY

MIXED LOAD \_\_\_\_\_ CY

STONE 1 1/2 \_\_\_\_\_ CY

ROCK OVERSIZE \_\_\_\_\_ CY

Curb Deliveries Only  
Other Mode Elsewhere Solely at Purchaser's Risk  
DELIVERY AVAILABLE

Accepted By [Signature]

FULL PAYMENT MUST BE REMITTED FOR THE ABOVE  
YARDAGE OR TIME WITHOUT QUESTION IF THIS IS SIGNED

Allocco Recycling, Inc.  
540 Kingsland Avenue, NY 1121  
718 349 3094

Ticket Number 771947

**Customer Name**

PAL ENVIRONMENTAL SERVICE 1469

11-02 QUEENS PLAZA SOUTH  
LONG ISLAND CITY NY

*Job # 206243*

<u>Quantity</u>	<u>Units</u>	<u>Material Name</u>	<u>Reference</u>	<u>Origin</u>	<u>Ticket Date</u>
15.00	CU YD	Clean Fill	01 RED	161-11 29TH AVE FLT	7/1/2020 9:01:00AM

Operating hours 7AM to 5PM Monday thru Saturday.  
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type. Tickets can be viewed and printed online at [www.alloccowebportal.com](http://www.alloccowebportal.com)

Signature: \_\_\_\_\_

Allocco Recycling, Inc.  
540 Kingsland Avenue, NY 1122  
718 349 3094

Ticket Number: 771986

Customer Name	
PAL ENVIRONMENTAL SERVICE	1469
11-02 QUEENS PLAZA SOUTH LONG ISLAND CITY NY	

Job # 6243

Quantity	Units	Material Name	Reference	Origin	Ticket Date
15.00	CU YD	Clean Fill	red	169-11 127h ave flus	7/1/2020 10:35:00AM

Operating hours 7AM to 5PM Monday thru Saturday.  
This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type. Tickets can be viewed and printed online at [www.alloccoweb.com](http://www.alloccoweb.com)

Signature: \_\_\_\_\_

Allocco Recycling, Inc.  
540 Kingsland Avenue, NY 112  
718 349 3094

Ticket Number

772047

Customer Name

PAL ENVIRONMENTAL SERVICE 1469

11-02 QUEENS PLAZA SOUTH  
LONG ISLAND CITY NY

Job # 206293

<u>Quantity</u>	<u>Units</u>	<u>Material Name</u>	<u>Reference</u>	<u>Origin</u>	<u>Ticket Date</u>
15.00	CU YD	Clean Fill	red	161-11 29th av flushing	7/1/2020 12:39:00PM

Operating hours 7AM to 5PM Monday thru Saturday.  
This is to certify that this load does not contain any hazardous  
materials, medical waste or liquids of any type. Tickets can be  
viewed and printed online at [www.alloccowebportal.com](http://www.alloccowebportal.com)

Signature: \_\_\_\_\_



## APPENDIX E

July 27, 2020

John Procida  
16103-11 29th Avenue LLC  
294 Vista Drive  
Jericho, NY 11753

Approval #: 203071282

RE: 16103-11 29th Avenue LLC | 161-01-161-11 29th Avenue  
161-01-161-11 29th Avenue Flushing, NY 11358

Dear Mr. Procida,

Clean Earth of Carteret, LLC. (CEC) is pleased to provide you with this acceptance letter for the soil material being generated from the site referenced above. We reviewed the Material Profile Sheet, soil sample procedure, and analytical results performed by York Analytical Laboratories Inc. (Lab Id #: 20G0066) for the above referenced site. Based upon the review of the data and, the profile provided, CEC can accept non-hazardous soil material being generated from the site.

This letter serves as approval of ~ 70 tons of non-hazardous material with soil material represented by composite sample IDs: 'WC01' and all related grab samples to be generated from Underground Storage Tank removal activities at the site.

Currently CEC has enough analysis on hand to cover estimated quantity of material. In the event the volume exceeds approved tonnages, the facility is permitted to analyze missing parameters by collecting soil samples from incoming loads. TPH analysis (every 600 Tons) will be required to comply with CEC's Class B permit. In the essence of saving time, CEC will collect the additional TPH samples as required upon arrival at the facility to meet the CEC analytical requirements. CEC will amend the invoice accordingly.

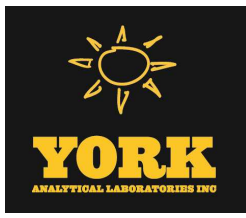
Please provide the approval number when scheduling and include the approval number and grid location ID on all manifests when shipping soils generated from this site. CEC can only accept non-Hazardous soil material. Any soils with free petroleum product or liquids, sludge's, or hazardous waste cannot be accepted. The generator will be notified of any non-conforming material. Processing of the soil will be performed under NJDEP Recycling Center Permit No. CBG190002.

If you should have any questions or require any additional information, please contact me at (732) 541-8909 Ext 1966.

Sincerely,



Lawrenzo Yengwia  
Clean Earth of Carteret, LLC.



# Technical Report

prepared for:

**Castleton Environmental**  
54 George Street  
Babylon NY, 11702  
**Attention: Daren Murphy**

Report Date: 07/09/2020  
**Client Project ID: PRMC2001**  
York Project (SDG) No.: 20G0066

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

120 RESEARCH DRIVE  
www.YORKLAB.com

STRATFORD, CT 06615  
(203) 325-1371

132-02 89th AVENUE  
FAX (203) 357-0166

RICHMOND HILL, NY 11418  
ClientServices@yorklab.com



Report Date: 07/09/2020  
Client Project ID: PRMC2001  
York Project (SDG) No.: 20G0066

**Castleton Environmental**  
54 George Street  
Babylon NY, 11702  
Attention: Daren Murphy

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## Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 01, 2020 with a temperature of 4.1 C. The project was identified as your project: **PRMC2001**.

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.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
20G0066-01	WC01	Soil	06/30/2020	07/01/2020

## **General Notes for York Project (SDG) No.: 20G0066**

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:**



**Benjamin Gulizia**  
Laboratory Director

**Date:** 07/09/2020





### Sample Information

**Client Sample ID:** WC01

**York Sample ID:** 20G0066-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0066	PRMC2001	Soil	June 30, 2020 12:35 pm	07/01/2020

**Volatile Organics, NJDEP Target List**

**Log-in Notes:**

**Sample Notes: Rep-04**

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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	250	490	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/06/2020 09:30	07/06/2020 20:18	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	250	490	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/06/2020 09:30	07/06/2020 20:18	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	250	490	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/06/2020 09:30	07/06/2020 20:18	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	250	490	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/06/2020 09:30	07/06/2020 20:18	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	250	490	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/06/2020 09:30	07/06/2020 20:18	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	250	490	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/06/2020 09:30	07/06/2020 20:18	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	250	490	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/06/2020 09:30	07/06/2020 20:18	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	250	490	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/06/2020 09:30	07/06/2020 20:18	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	250	490	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/06/2020 09:30	07/06/2020 20:18	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	250	490	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/06/2020 09:30	07/06/2020 20:18	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	250	490	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/06/2020 09:30	07/06/2020 20:18	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	250	490	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/06/2020 09:30	07/06/2020 20:18	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	250	490	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/06/2020 09:30	07/06/2020 20:18	SS
78-93-3	2-Butanone	ND		ug/kg dry	250	490	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/06/2020 09:30	07/06/2020 20:18	SS
591-78-6	2-Hexanone	ND		ug/kg dry	250	490	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/06/2020 09:30	07/06/2020 20:18	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	250	490	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/06/2020 09:30	07/06/2020 20:18	SS
67-64-1	Acetone	ND		ug/kg dry	490	980	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/06/2020 09:30	07/06/2020 20:18	SS
107-02-8	Acrolein	ND		ug/kg dry	490	980	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/06/2020 09:30	07/06/2020 20:18	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	250	490	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/06/2020 09:30	07/06/2020 20:18	SS
71-43-2	Benzene	ND		ug/kg dry	250	490	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/06/2020 09:30	07/06/2020 20:18	SS



### Sample Information

**Client Sample ID:** WC01

**York Sample ID:** 20G0066-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0066

PRMC2001

Soil

June 30, 2020 12:35 pm

07/01/2020

**Volatile Organics, NJDEP Target List**

**Log-in Notes:**

**Sample Notes: Rep-04**

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
75-27-4	Bromodichloromethane	ND		ug/kg dry	250	490	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/06/2020 09:30	07/06/2020 20:18	SS
75-25-2	Bromoform	ND		ug/kg dry	250	490	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/06/2020 09:30	07/06/2020 20:18	SS
74-83-9	Bromomethane	ND		ug/kg dry	250	490	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/06/2020 09:30	07/06/2020 20:18	SS
75-15-0	<b>Carbon disulfide</b>	<b>510</b>	<b>B</b>	ug/kg dry	250	490	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/06/2020 09:30	07/06/2020 20:18	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	250	490	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/06/2020 09:30	07/06/2020 20:18	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	250	490	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/06/2020 09:30	07/06/2020 20:18	SS
75-00-3	Chloroethane	ND		ug/kg dry	250	490	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/06/2020 09:30	07/06/2020 20:18	SS
67-66-3	Chloroform	ND		ug/kg dry	250	490	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/06/2020 09:30	07/06/2020 20:18	SS
74-87-3	Chloromethane	ND		ug/kg dry	250	490	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/06/2020 09:30	07/06/2020 20:18	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	250	490	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/06/2020 09:30	07/06/2020 20:18	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	250	490	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/06/2020 09:30	07/06/2020 20:18	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	250	490	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PAI:	07/06/2020 09:30	07/06/2020 20:18	SS
74-95-3	Dibromomethane	ND		ug/kg dry	250	490	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PAI:	07/06/2020 09:30	07/06/2020 20:18	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	250	490	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PAI:	07/06/2020 09:30	07/06/2020 20:18	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	250	490	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/06/2020 09:30	07/06/2020 20:18	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	250	490	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PAI:	07/06/2020 09:30	07/06/2020 20:18	SS
98-82-8	<b>Isopropylbenzene</b>	<b>450</b>	<b>J</b>	ug/kg dry	250	490	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/06/2020 09:30	07/06/2020 20:18	SS
79-20-9	Methyl acetate	ND		ug/kg dry	250	490	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PAI:	07/06/2020 09:30	07/06/2020 20:18	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	250	490	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/06/2020 09:30	07/06/2020 20:18	SS
75-09-2	Methylene chloride	ND		ug/kg dry	490	980	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/06/2020 09:30	07/06/2020 20:18	SS
95-47-6	o-Xylene	ND		ug/kg dry	250	490	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PAI:	07/06/2020 09:30	07/06/2020 20:18	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	490	980	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PAI:	07/06/2020 09:30	07/06/2020 20:18	SS



### Sample Information

**Client Sample ID:** WC01

**York Sample ID:** 20G0066-01

York Project (SDG) No.

Client Project ID

Matrix

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20G0066

PRMC2001

Soil

June 30, 2020 12:35 pm

07/01/2020

**Volatile Organics, NJDEP Target List**

**Log-in Notes:**

**Sample Notes: Rep-04**

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
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	250	490	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/06/2020 09:30	07/06/2020 20:18	SS
100-42-5	Styrene	ND		ug/kg dry	250	490	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/06/2020 09:30	07/06/2020 20:18	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	250	2500	100	EPA 8260C Certifications: NELAC-NY10854,NJDEP,NELAC-NY12058,PAI	07/06/2020 09:30	07/06/2020 20:18	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	250	490	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/06/2020 09:30	07/06/2020 20:18	SS
108-88-3	Toluene	ND		ug/kg dry	250	490	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/06/2020 09:30	07/06/2020 20:18	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	250	490	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/06/2020 09:30	07/06/2020 20:18	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	250	490	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/06/2020 09:30	07/06/2020 20:18	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	250	490	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/06/2020 09:30	07/06/2020 20:18	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	250	490	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/06/2020 09:30	07/06/2020 20:18	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	250	490	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/06/2020 09:30	07/06/2020 20:18	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	740	1500	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,NELAC-NY1:	07/06/2020 09:30	07/06/2020 20:18	SS

**Surrogate Recoveries**

**Result**

**Acceptance Range**

17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	96.7 %	77-125
2037-26-5	Surrogate: SURR: Toluene-d8	98.6 %	85-120
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	103 %	76-130

**Semi-Volatiles, PAH Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	10500		ug/kg dry	246	491	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/08/2020 14:19	KH
83-32-9	Acenaphthene	669		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 18:14	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 18:14	KH
120-12-7	Anthracene	381		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 18:14	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 18:14	KH



### Sample Information

**Client Sample ID:** WC01

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York Project (SDG) No.

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June 30, 2020 12:35 pm

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**Semi-Volatiles, PAH Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 18:14	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 18:14	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 18:14	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 18:14	KH
218-01-9	Chrysene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 18:14	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 18:14	KH
206-44-0	<b>Fluoranthene</b>	<b>84.0</b>	J	ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 18:14	KH
86-73-7	<b>Fluorene</b>	<b>1170</b>		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 18:14	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 18:14	KH
91-20-3	<b>Naphthalene</b>	<b>1400</b>		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 18:14	KH
85-01-8	<b>Phenanthrene</b>	<b>2140</b>		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 18:14	KH
129-00-0	<b>Pyrene</b>	<b>155</b>		ug/kg dry	49.3	98.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 18:14	KH
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>							
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	134 %	S-08	22-108							
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	74.3 %		21-113							
1718-51-0	Surrogate: SURR: Terphenyl-d14	93.1 %		24-116							

**Polychlorinated Biphenyls (PCB)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0197	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/08/2020 07:47	07/08/2020 23:53	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0197	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/08/2020 07:47	07/08/2020 23:53	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0197	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/08/2020 07:47	07/08/2020 23:53	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0197	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/08/2020 07:47	07/08/2020 23:53	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0197	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/08/2020 07:47	07/08/2020 23:53	BJ



### Sample Information

<b>Client Sample ID:</b> WC01					<b>York Sample ID:</b> 20G0066-01
<u>York Project (SDG) No.</u> 20G0066	<u>Client Project ID</u> PRMC2001	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 30, 2020 12:35 pm	<u>Date Received</u> 07/01/2020	

#### Polychlorinated Biphenyls (PCB)

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0197	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/08/2020 07:47	07/08/2020 23:53	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0197	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/08/2020 07:47	07/08/2020 23:53	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0197	1	EPA 8082A Certifications:	07/08/2020 07:47	07/08/2020 23:53	BJ
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>					
877-09-8	Surrogate: Tetrachloro-m-xylene	46.0 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	81.5 %			30-140					

#### Total Petroleum Hydrocarbons-DRO (C10-C28)

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	<b>Total Petroleum Hydrocarbons-DRO</b>	<b>1670</b>		mg/kg dry	11.7	1	EPA 8015D Certifications: NELAC-NY10854,NJDEP,PADEP	07/07/2020 07:49	07/08/2020 14:13	SGM
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>					
638-68-6	Surrogate: Triacontane	89.8 %			30-150					

#### Metals, RCRA

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/kg dry	1.79	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/02/2020 15:54	07/07/2020 15:01	KML
7440-39-3	Barium	74.5		mg/kg dry	2.98	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/02/2020 15:54	07/07/2020 15:01	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.357	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/02/2020 15:54	07/07/2020 15:01	KML
7440-47-3	Chromium	28.9		mg/kg dry	0.595	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/02/2020 15:54	07/07/2020 15:01	KML
7439-92-1	Lead	9.86		mg/kg dry	0.595	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/02/2020 15:54	07/07/2020 15:01	KML
7782-49-2	Selenium	ND		mg/kg dry	2.98	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/02/2020 15:54	07/07/2020 15:01	KML
7440-22-4	Silver	ND		mg/kg dry	0.595	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/02/2020 15:54	07/07/2020 15:01	KML

#### Metals, TCLP RCRA

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

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

**Client Sample ID:** WC01

**York Sample ID:** 20G0066-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0066

PRMC2001

Soil

June 30, 2020 12:35 pm

07/01/2020

**Metals, TCLP RCRA**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.375	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 15:06	07/08/2020 14:43	KML
7440-39-3	Barium	0.703		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 15:06	07/08/2020 14:43	KML
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 15:06	07/08/2020 14:43	KML
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 15:06	07/08/2020 14:43	KML
7439-92-1	Lead	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 15:06	07/08/2020 14:43	KML
7782-49-2	Selenium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 15:06	07/08/2020 14:43	KML
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 15:06	07/08/2020 14:43	KML

**Mercury by 7473**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0357	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	07/02/2020 12:34	07/02/2020 16:24	SY

**Mercury TCLP by 7473**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473/1311 Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854	07/07/2020 15:08	07/07/2020 19:58	MAO

**Corrosivity (pH) by SM 4500/EPA 9045D**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	7.12		pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP	07/02/2020 12:38	07/02/2020 16:08	JAG

**Reactivity-Cyanide**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH,PADEP	07/02/2020 16:42	07/02/2020 22:23	ZTS





### Sample Information

**Client Sample ID:** WC01

**York Sample ID:** 20G0066-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0066

PRMC2001

Soil

June 30, 2020 12:35 pm

07/01/2020

**Reactivity-Sulfide**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Reactivity - Sulfide		64.0		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH,PADEP	07/02/2020 16:45	07/02/2020 22:25	ZTS

**Ignitability**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Ignitability		Non-Ignit.		None	1	1	EPA 1030P Certifications:	07/08/2020 10:32	07/08/2020 14:09	AD

**Moisture**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
* Moisture		16.0		%	0.100	1	SM 2540G Certifications:	07/09/2020 14:51	07/09/2020 14:52	PAM

**Paint Filter Test**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Paint Filter Test		No Free Liquid		None	0.05	1	EPA 9095B Certifications: NELAC-NY10854,NJDEP	07/07/2020 17:49	07/08/2020 01:17	AA

**Total Solids**

**Log-in Notes:**

**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	84.0		%	0.100	1	SM 2540G Certifications: CTDOH	07/06/2020 12:16	07/07/2020 16:03	WJM

**TCLP Extraction for METALS EPA 1311**

**Log-in Notes:**

**Sample Notes:** EXT-Temp

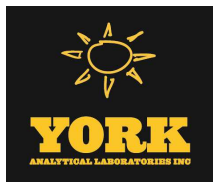
Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
TCLP Extraction		Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/06/2020 15:54	07/07/2020 15:05	TAJ



### Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
20G0066-01	WC01	40mL Vial with Stir Bar-Cool 4° C



## Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
Rep-04	The sample was diluted due to the presence of high levels of non-target analytes resulting in elevated reporting limits.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PF-01	No Free Liquid
M-ICV1	The recovery for this element in the Initial Calibration Verification (ICV) exceeded 110% of the expected value. Positive detections may be biased high.
M-CRL	The RL check for this element recovered outside of control limits.
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.
IGN-01	Non-Ignit.
EXT-Temp	Extraction temperature slightly exceeded acceptance range.
EXT-COMP	Completed
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

### 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.

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York Analytical Laboratories, Inc.  
120 Research Drive  
Strafford, CT 06615  
clientservices@yorklab.com  
www.yorklab.com

# Field Chain-of-Custody Record

YORK Project No.  
20G0066

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

Page 1 of 1

YOUR INFORMATION		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company: Castleton Environmental 54 George Street Babytown, NY	Company: SAME	Company: SAME	Company:	Company: PRMC 2001	Company:	Company: PRMC 2001	Company:	RUSH - Next Day	
Address: 631-482-1818	Address: SAME	Address: SAME	Address:	Address: PRMC 2001	Address:	Address:	Address:	RUSH - Two Day	
Phone: Daren Murphy	Phone: SAME	Phone: SAME	Phone:	Phone: PRMC 2001	Phone:	Phone:	Phone:	RUSH - Three Day	
Contact: Daren Murphy	Contact: SAME	Contact: SAME	Contact:	Contact: PRMC 2001	Contact:	Contact:	Contact:	RUSH - Four Day	
E-mail: Daren.M@castletonenv.com	E-mail: SAME	E-mail: SAME	E-mail:	E-mail: PRMC 2001	E-mail:	E-mail:	E-mail:	Standard (5-7 Day)	<input checked="" type="checkbox"/>
<p><b>Matrix Codes</b> S - soil / solid GW - groundwater DW - drinking water WW - wastewater O - Oil ; Other</p>									
<p><b>Report / EDD Type (circle selections)</b>  <input checked="" type="checkbox"/> Summary Report            CT RCP            CT RCP DQA/DUE            NY ASP A Package            NY ASP B Package            NJDEP Reduced Deliverables            NJDEP SRP HazSite            NUDKQP            Other:</p>									
<p><b>Report / EDD Type (circle selections)</b>            Standard Excel EDD            EQUIS (Standard)            NYSDEC EQUIS            NJDEP SRP HazSite            Other:</p>									
<p><b>YORK Reg. Comp.</b> Compared to the following Regulation(s): (please fill in)</p>									
<p><b>YORK Reg. Comp.</b> YORK Reg. 402, 802</p>									
<p><b>Sample Identification</b> WCO1</p>									
<p><b>Sample Matrix</b> S</p>									
<p><b>Date/Time Sampled</b> 6/30/20 12:35</p>									
<p><b>Analysis Requested</b> cEc Commercial Protocol w/ DRO</p>									
<p><b>Container Description</b> Terra Kit 402, 802</p>									
<p><b>Comments:</b> WCO1 collected from soil stockpile located at 161-01 29th Ave, Flushing, N.Y.</p>									
<p><b>Preservation:</b> (check all that apply)            HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___            Ascorbic Acid ___ Other: ___</p>									
<p><b>Samples Relinquished by / Company</b> Daren Murphy 7/1/2020 1:25</p>									
<p><b>Samples Relinquished by / Company</b> Daren Murphy 7/1/20 1902</p>									
<p><b>Samples Relinquished by / Company</b> Daren Murphy 7/1/20 1902</p>									
<p><b>Samples Received in LAB by</b> Daren Murphy 7/1/2020 7:12:16</p>									
<p><b>Temp. Received at Lab</b> 4.1</p>									



## APPENDIX F

# NON-HAZARDOUS WASTE MANIFEST

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

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. 1/A	Manifest Document No. JF-01	2. Page 1 of 1
3. Generator's Name and Mailing Address John Prochida C/O Donald A DeRiso 19-02 Whitestone Expressway-Suite 105 Whitestone, NY 11357		61-01-161-11 29th Avenue Flushing, NY		
4. Generator's Phone (17 ) 685-9490				
5. Transporter 1 Company Name EAL Environmental Services, Inc	6. US EPA ID Number NYD000134791	A. State Transporter's ID		
		B. Transporter 1 Phone 718-349-0900		
7. Transporter 2 Company Name	8. US EPA ID Number	C. State Transporter's ID		
		D. Transporter 2 Phone		
9. Designated Facility Name and Site Address Clean Waters of New York 3244 Richmond Terrace Staten Island, NY 10303	10. US EPA ID Number NYD000968545	E. State Facility's ID		
		F. Facility's Phone 718-981-4600		
11. WASTE DESCRIPTION	Containers		13. Total Quantity	14. Unit Wt./Vol.
	No.	Type		
a. Non Hazardous, Non DDT Regulated Material (#2 Oil and Water)	001	TT	150	G
b.				
c.				
d.				
G. Additional Descriptions for Materials Listed Above		H. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information 1) 11a) Approval Number _____ Job Number 20-6243				
<b>16. GENERATOR'S CERTIFICATION:</b> I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.				
Printed/Typed Name Doreen Murphy				Date Month Day Year 7   1   20
Signature <i>Doreen Murphy</i>				
17. Transporter 1 Acknowledgement of Receipt of Materials				
Printed/Typed Name Sue Wattine				Date Month Day Year 7   1   20
Signature <i>Sue Wattine</i>				
18. Transporter 2 Acknowledgement of Receipt of Materials				
Printed/Typed Name				Date Month Day Year
Signature				
19. Discrepancy Indication Space				
20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.				
Printed/Typed Name				Date Month Day Year
Signature				

**NON-HAZARDOUS WASTE**

**GENERATOR**

**TRANSPORTER**

**FACILITY**

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008

Ticket: 2291383  
Date: 08/11/2020  
Time: 10:42:04  
Scale: CEC  
In: 08/11/2020 10:42:04 CEC  
Out: 08/11/2020 10:42:04 CEC

Ph: Fax:

Manifest: 2376554  
Vehicle: 07PAL1  
Decal:

	Lbs	Tn
Gross:	72320.00	36.15
Tare:	28880.00	14.44
Net:	43440.00	21.72

Customer: P.G.L. ENVIRONMENTAL SAFETY  
Generator: John Procida  
Address: 19-02 Whitestone Expressway  
Whitestone, NY 11357

Carrier:  
Profile #: 203071282  
Job: 161-01-161-11 29th Avenue  
Address: 161-01 to 161-11 29th Avenue  
Flushing, NY 11222

Material: Recyclable soil/rock/material

Facility: Clean Earth of Carteret  
Barry Gibson

Driver:  
Comment:

CLEAN EARTH INTERNAL





Manifest # 2376554

GLOBAL JOB NUMBER: 1000619 FACILITY APPROVAL NUMBER: 203071282

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Clean Earth of Greater Washington  
6250 Dower House Road  
Upper Marlboro, MD 20772  
Ph: 301-599-0939
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700
- Other \_\_\_\_\_

**Non-Hazardous Material Manifest**

(Type or Print Clearly)

<b>GENERATOR'S NAME &amp; SITE ADDRESS:</b> <u>JOHN PROSIDIA</u> <u>16105-11 29th Avenue LLC</u> <u>161-01 - 161-11 29th Ave</u> <u>BUENOS NY</u>	<b>GROSS WEIGHT:</b> <input type="checkbox"/> Tons <input checked="" type="checkbox"/> Yards <u>15</u>
<b>GENERATOR'S PHONE:</b> <u>718 746 5200</u>	<b>TARE WEIGHT:</b> <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	<b>NET WEIGHT:</b> <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

PETROLEUM CONTAMINATED SOIL

**GENERATOR'S CERTIFICATION/AUTHORIZED AGENT** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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

Name: Doreen Murphy Title: Project Manager  
 Signature: Doreen Murphy Date and Time: 8/11/20 9:02 AM

**TRANSPORTER**

Company: PAI ENVIRONMENTAL SERVICES Phone Number: 718 349 0900  
 Address: 11-02 BUENOS PLAZA SOUTH Truck # and License Plate: \_\_\_\_\_  
 Driver: LF NY 11101 SW Haulers Permit #: \_\_\_\_\_  
 (Type or Print Clearly) (applicable state permit#)

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

Driver Signature: \_\_\_\_\_ Date and Time: 8-11-2020

**DESTINATION**

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

Driver Signature: \_\_\_\_\_ Date and Time: \_\_\_\_\_

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

Authorized Signature: \_\_\_\_\_ Date and Time: \_\_\_\_\_

Clean Earth of Carteret  
24 Middlesex Ave

Carteret, NJ 07008

Ph: Fax:

Ticket: 2296671

Date

Time

Scale

In: 08/11/2020 14:30:25

CEC

Out: 08/11/2020 14:30:25

CEC

Lbs

Tn

Manifest: 2378555

Gross: 71000.00 35.54

Vehicle: 07PALJ

Tare: 20000.00 14.44

Decal:

Net: 42200.00 21.1

Customer: P.A.L. ENVIRONMENTAL SAFETY  
Generator: John Procida  
Address: 19-02 Whitestone Expressway  
Whitestone, NY 11357

Carrier:  
Profile #: 203071282  
Job: 161-01-161-11 29th Avenue  
Address: 161-01 to 161-11 29th Avenue  
Flushing, NY 11222

Material: Recyclable soil/rock/material

Facility: Clean Earth of Carteret  
Barry Gibson

Driver:

Comment:

CLEAN EARTH INTERNAL



Manifest # 2376555

GLOBAL JOB NUMBER: 1000619 FACILITY APPROVAL NUMBER: 203071282

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Clean Earth of Greater Washington  
6250 Dower House Road  
Upper Marlboro, MD 20772  
Ph: 301-599-0939
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700
- Other \_\_\_\_\_

**Non-Hazardous Material Manifest**

(Type or Print Clearly)

<b>GENERATOR'S NAME &amp; SITE ADDRESS:</b> <u>JOHN PROCIDA</u> <u>161-01-161-11 25TH AVE</u> <u>QUEENS NY</u>	<b>GROSS WEIGHT:</b> <input type="checkbox"/> Tons <input checked="" type="checkbox"/> Yards <u>15</u>
<b>GENERATOR'S PHONE:</b> <u>718 746 5200</u>	<b>TARE WEIGHT:</b> <input type="checkbox"/> Tons <input type="checkbox"/> Yards
<b>DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION</b> <u>PETROLEUM CONTAMINATED SOIL</u>	
<b>GENERATOR'S CERTIFICATION/AUTHORIZED AGENT</b> - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected. I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.	
Name: <u>DAVID MURPHY</u> Signature: <u>David Murphy</u>	Title: <u>Project Manager</u> Date and Time: <u>8-11-2020 / 1 PM</u>
<b>TRANSPORTER</b> Company: <u>PAI ENVIRONMENTAL SERVICES</u> Address: <u>11-09 QUEENS PLAZA 5 LLC, NY</u> Driver: <u>JOSE B. PERAZA</u> (Type or Print Clearly)	
Phone Number: <u>718-349-0960</u> Truck # and License Plate: _____ SW Haulers Permit #: _____ (applicable state permit#)	
I hereby certify that the above named material was picked up at the site listed above. Driver Signature: <u>Jose</u> Date and Time: <u>8-11-2020 / 1 PM</u>	
<b>DESTINATION</b> I hereby certify that the above named material was delivered without incident to the facility noted above. Driver Signature: _____ Date and Time: <u>8-11-2020</u> I hereby certify that the above named material has been accepted at the above referenced facility. Authorized Signature: _____ Date and Time: <u>8/11/20</u>	

TRANSPORTER

Clean Earth of Carteret  
24 Middlesex Ave

Carteret, NJ 07008

Ticket: 2297304  
Date:

Time

Scale

Ph: Fax:

In: 08/12/2020 10:41:58

Manual

Out: 08/12/2020 10:41:58

Manual

Manifest: 2376556  
Vehicle: 07PAL18  
Decals:

Lbs

Tn

Gross: 61120.00  
Tare: 30080.00  
Net: 33340.00

21.71  
15.04  
16.67

Customer: P.A.L. ENVIRONMENTAL SAFETY  
Generator: John Procida  
Address: 19-02 Whitestone Expressway  
Whitestone, NY 11357

Carrier:  
Profile #: 203071282  
Job: 161-01-161-11 29th Avenue  
Address: 161-01 to 161-11 29th Avenue  
Flushing, NY 11222

Material: Recyclable soil/rock/material

Facility: Clean Earth of Carteret  
Barry Gibson

Driver:  
Comment:



CLEAN EARTH

Manifest # 2376556

GLOBAL JOB NUMBER: 1000619 FACILITY APPROVAL NUMBER: 203071282

Please Check One:

- Clean Earth of Carteret, Clean Earth of Maryland, Clean Earth of New Castle, Clean Earth of Greater Washington, Clean Earth of Philadelphia, Clean Earth of North Jersey, Clean Earth of Southeast Pennsylvania, Other

Non-Hazardous Material Manifest

(Type or Print Clearly)

Generator's Name & Site Address: JOHN Procidia, 161-01 - 161-11 29th Avenue, Queens, NY. Gross Weight: 15,634.26 Tons.

Description of Material/Sample ID and Location: Petroleum Contaminated Soil

Generator's Certification/Authorized Agent: I hereby certify that the above named material does not contain free liquid... Name: Doreen Murphy, Title: Project Manager, Date and Time: 8/12/20 8:31 AM

Transporter: Company: POL ENVIRONMENTAL, Phone Number: 718 349 0900, Driver: Michael J. Moran, Date and Time: 8-12 8:37 AM

Destination: I hereby certify that the above named material was delivered without incident to the facility noted above. Driver Signature: [Signature], Date and Time: 8-12-20

Clean Earth of Carteret  
24 Middlesex Ave

Ticket: 2297340

Carteret, NJ 07008

Ph: Fax:

Date

Time

Scale

In: 08/12/2020 10:43:58

CEC

Out: 08/12/2020 10:43:58

CEC

Manifest: 2376557

Vehicle: 07PALJ

Decal:

	Lbs	Tn
Gross:	63660.00	31.83
Tare:	28800.00	14.44
Net:	34760.00	17.39

Customer: P.A.L. ENVIRONMENTAL SAFETY

Generator: John Procida

Address: 19-02 Whitestone Expressway  
Whitestone, NY 11357

Carrier:

Profile #: 203071202

Job: 161-01-161-11 29th Avenue

Address: 161-01 to 161-11 29th Avenue  
Flushing, NY 11222

Material: Recyclable soil/rock/material

Facility: Clean Earth of Carteret  
Barry Gibson

Drivers:

Comment:

CLEAN EARTH INTERNAL



Manifest # 2376557

GLOBAL JOB NUMBER: 1000619 FACILITY APPROVAL NUMBER: 203071282

Please Check One:

- Clean Earth of Carteret, Clean Earth of Maryland, Clean Earth of New Castle, Clean Earth of Greater Washington, Clean Earth of Philadelphia, Clean Earth of North Jersey, Clean Earth of Southeast Pennsylvania, Other

Non-Hazardous Material Manifest

(Type or Print Clearly)

Table with 2 columns: Generator's Name & Site Address, Gross Weight, Tare Weight, Net Weight. Includes handwritten entries for generator name and phone number.

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION: PETROLEUM CONTAMINATED SOIL

GENERATOR'S CERTIFICATION/AUTHORIZED AGENT - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected. I hereby certify that the above named material does not contain free liquid... Name: David Murphy, Title: Project Manager, Date and Time: 8/12/20

TRANSPORTER: Company: PAL Environmental, Phone Number: 718-349-0900, Address: 1102 Queens Plaza South, Driver: SURF Walter, Date and Time: 8/12/20

DESTINATION: I hereby certify that the above named material was delivered without incident to the facility noted above. Driver Signature: [Signature], Date and Time: 8/12/20

Clean Earth of Carteret  
29 Middlesex Ave

Ticket: 2297745  
Date

Time

Scale

Carteret, NJ 07008

In: 08/12/2020 13:48:58 CEC

Out: 08/12/2020 13:48:58 CEC

Ph: Fax:

Manifest: 2376558  
Vehicle: 07PAL1B  
Decal:

	Lbs	Tn
Gross:	55980.00	27.99
Tare:	30080.00	15.04
Net:	25900.00	12.95

Customer: P.A.L. ENVIRONMENTAL SAFETY  
Generator: John Procida  
Address: 19-02 Whitestone Expressway  
Whitestone, NY 11357

Carrier:  
Profile #: 203071282  
Job: 161-01-161-11 29th Avenue  
Address: 161-01 to 161-11 29th Avenue  
Flushing, NY 11222

Material: Recyclable soil/rock/material

Facility: Clean Earth of Carteret  
Barry Gibson

Driver:  
Comment:

CLEAN EARTH INTERNAL





**CLEAN EARTH**

Manifest # **2376558**

GLOBAL JOB NUMBER: 1000619 FACILITY APPROVAL NUMBER: 203071282

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Clean Earth of Greater Washington  
6250 Dower House Road  
Upper Marlboro, MD 20772  
Ph: 301-599-0939
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700
- Other \_\_\_\_\_

**Non-Hazardous Material Manifest**

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>John ProciDA</u> <u>161-03-11 29th AVE LLC</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input checked="" type="checkbox"/> Yards <u>15</u>
<u>161-01 161-11 29th AVE</u> <u>QUEENS NY</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>718-746 5200</u>	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

PETROLEUM CONTAMINATED SOIL

**GENERATOR'S CERTIFICATION/AUTHORIZED AGENT** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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

Name: Daren Murphy Title: Project Manager  
 Signature: Daren Murphy Date and Time: 8/12/20 12:30

**TRANSPORTER**

Company: PAL ENVIRONMENTAL Phone Number: 718-349 0900  
 Address: 1102 QUEENS PLAZA SOUTH Truck # and License Plate: \_\_\_\_\_  
 Driver: MICHAEL J. PATRICK SW Haulers Permit #: \_\_\_\_\_  
 (Type or Print Clearly) (applicable state permit#)

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

Driver Signature: [Signature] Date and Time: 8-12-2020 1230

**DESTINATION**

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

Driver Signature: [Signature] Date and Time: 8-12-2020 145

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

Authorized Signature: [Signature] Date and Time: 8/12/20

TRANSPORTER

Clean Earth of Carteret  
24 Middlesex Ave

Carteret, NJ 07008

Ph: Fax:

Ticket: 2297824

Date

Time

Scale

In: 08/12/2020 14:32:29

CEC

Out: 08/12/2020 14:32:29

CEC

Lbs

Tn

Manifest: 6776559

Decal:

Gross: 25580.00

27.44

Net: 25580.00

12.79

Customer: P.A.L. ENVIRONMENTAL SAFETY  
Generator: John Procida  
Address: 19-02 Whitestone Expressway  
Whitestone, NY 11357

Carrier:

Profile #: 203071282

Job: 161-01-161-11 29th Avenue

Address: 161-01 to 161-11 29th Avenue  
Flushing, NY 11222

Material: Recyclable soil/rock/material

Facility: Clean Earth of Carteret  
Barry Gibson

Driver:

Comment:

CLEAN EARTH INTERNAL



Manifest # 2376559

GLOBAL JOB NUMBER: 1000619 FACILITY APPROVAL NUMBER: 20071282

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Clean Earth of Greater Washington  
6250 Dower House Road  
Upper Marlboro, MD 20772  
Ph: 301-599-0939
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700
- Other \_\_\_\_\_

**Non-Hazardous Material Manifest**

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>John PACCIDA</u> <u>161-03-11 29th AVE LLC</u> <u>161-01 161-11 29 AVE</u> <u>QUEENS NY</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input checked="" type="checkbox"/> Yards
GENERATOR'S PHONE: <u>718 716-5700</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

PETROLEUM CONTAMINATED SOIL

**GENERATOR'S CERTIFICATION/AUTHORIZED AGENT** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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

Name: Daren Murphy Title: Project Manager  
 Signature: Daren Murphy Date and Time: 8/12/20 12:58

**TRANSPORTER**

Company: PAL ENVIRONMENTAL Phone Number: 718 349 0900  
 Address: 1102 QUEENS PLAZA SOUTH Truck # and License Plate: 31523 J1  
 Driver: Subi Watkins SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

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

Driver Signature: Subi Watkins Date and Time: 8/12/20 12:58

**DESTINATION**

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

Driver Signature: Subi Watkins Date and Time: 8/12/20 2:33 PM

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

Authorized Signature: \_\_\_\_\_ Date and Time: 8/12/20

TRANSPORTER



## APPENDIX G



# SCALE PURCHASE TICKET

Two Brothers Scrap Metal  
12 Sarah Drive  
Farmingdale NY 11735  
631-694-8188

Ticket: 2114746

Weigh In: 07/10/20 08:00 AM

Customer: 444067

Weigh Out: 07/10/20 08:04 AM

pal environmental services

Driver's License: 921877960

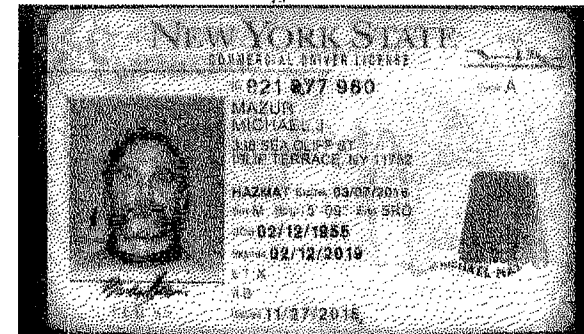
CELL:

EMAIL:

Commodity	Gross	Tare	Net	Price	TOTAL \$
Light Iron	30340	28,540	1,800C	4.0000	\$72.00

Buyer:

Ticket Total \$72.00



I hereby certify that I have the right to possess and sell this scrap.  
This is a bill of sale to the above described scrap.  
I hereby acknowledge payment in full.

Customer Signature

*Please do not lose this ticket*



## APPENDIX H



**PBS # :**  
**2-613172**

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION**  
**Petroleum Bulk Storage Program**  
**Facility Information Report**

Printed : 8/10/2020

pbsfacrpt\_foil.rpt

<u>Site Information</u>	<u>Tax Map Information</u>	<u>Site Owner Information</u>	<u>Mail Correspondent Information</u>
161-05 - 161-07 29TH AVENUE, FLUSHING	Boro/Sec.: Queens	16103-11 29TH AVENUE LLC	PROCIDA REALTY CORP.
161-05 - 161-07 29TH AVENUE	Block: 4889	294 VISTA DRIVE	161-09 29TH AVENUE
FLUSHING, NY 11358	Lot: 61	JERICHO, NY 11753	FLUSHING, NY 11358
Site Phone: (718) 746-5200		(718) 746-5200	
Town: New York City	County: Queens	Owner Type : Corporate/Commercial/Other	ATTN: JOHN PROCIDA
Facility Operator: JOHN PROCIDA			(718) 746-5200
		Authorized Representative: DAREN MURPHY	
Emergency Contact: JOHN PROCIDA		Emergency Phone: (718) 746-5200	

Site Status : Unregulated/Closed	Reg Expires : 08/10/2025	Cert Printed:	Total Active Tanks : 0	Last Inspected:
Site Type: Other		Cert Issued: 08/10/2020	Total Active Capacity : 0	Inspected By:

(2) Tank No	(3) Tank Loc	(4) Status	(5) Date Instal	(5) Date Closed	(6) Capacity (gals)	(7) Product	(8) Tank Type	(9) Tank IP	(10) Tank EP	(11) Tank SC	(12) Tank LD	(13) Tank OP	(14) Tank SP	(15) Tank Disp	(16) Pipe Loc	(17) Pipe Type	(18) Pipe EP	(19) Pipe SC	(20) Pipe LD	(21) UDC	Next Tank Test	Next Line Test	Tank Owner
001	5	3		06/29/2020	1,500	0001	01	00	00	00	00	00	00	00	02	01	00	00	00				

Subpart: 3      Category: 1

(See Reverse Side or Last Page for Code Keys)

# PETROLEUM BULK STORAGE APPLICATION - SECTION B - TANK INFORMATION - CODE KEYS

## Action (1)

1. Initial Listing
2. Add Tank
3. Close/Remove Tank
4. Information Correction
5. Recondition/Repair/Reline

## Tank Location (3)

1. Aboveground-contact w/soil
2. Aboveground-contact w/ impervious barrier
3. Aboveground on saddles, leggs, stilts, rack or cradle
4. Tank 10% or more below ground
5. Underground including vaulted with no access for inspection
6. Aboveground in Subterranean

## Status (4)

1. In-service
2. Out-of-service
3. Closed-Removed
4. Closed- In Place
5. Tank converted to Non-Regulated use

## Products Stored (7)

### Heating Oils: On-Site

### Consumption

- 0001. #2 Fuel Oil
- 0002. #4 Fuel Oil
- 0259. #5 Fuel Oil
- 0003. #6 Fuel Oil
- 0012. Kerosene
- 0591. Clarified Oil
- 2711. Biodiesel (Heating)
- 2642. Used Oil (Heating)

### Heating Oils: Resale/

### Redistribution

- 2718. #2 Fuel Oil
- 2719. #4 Fuel Oil
- 2720. #5 Fuel Oil
- 2721. #6 Fuel Oil
- 2722. Kerosene
- 2723. Clarified Oil
- 2724. Biodiesel (Heating)

## Motor Fuels

- 0009. Gasoline
- 2712. Gasoline/Ethanol
- 0008. Diesel
- 2710. Biodiesel
- 0011. Jet Fuel
- 1044. Jet Fuel (Biofuel)
- 2641. Aviation Gasoline

## Lubricating/Cutting Oils

- 0013. Lube Oil
- 0015. Motor Oil
- 1045. Gear/Spindle Oil
- 0010. Hydraulic Oil
- 0007. Cutting Oil
- 0021. Transmission Fluid
- 1836. Turbine Oil

## Oils Used as Building Materials

- 2626. Asphaltic Emulsions
- 0748. Form Oil

## Petroleum Spirits

- 0014. White/Mineral Spirits
- 1731. Nantha

## Mineral/Insulating Oils

- 0020. Insulating Oil (e.g., Transformer, Cable Oil)
- 2630. Mineral Oil

## Waste/Used/Other Oils

- 0022. Waste/Used Oil
- 9999. Other-Please list:\*

## Crude Oil

- 0006. Crude Oil
- 0701. Crude Oil Fractions

## Tank Type (8)

- 01. Steel/Carbon Steel/Iron
- 02. Galvanized Steel Alloy
- 03. Stainless Steel Alloy
- 04. Fiberglass Coated Steel
- 05. Steel Tank in Concrete
- 06. Fiberglass Reinforced Plastic (FRP)
- 07. Plastic
- 08. Equivalent Technology
- 09. Concrete
- 10. Urethane Clad Steel
- 99. Other-Please list:\*

## Internal Protection (9)

- 00. None
- 01. Epoxy Liner
- 02. Rubber Liner
- 03. Fiberglass Liner (FRP)
- 04. Glass Liner
- 99. Other-Please list:\*

## External Protection (10/18)

- 00. None
- 01. Painted/Asphalt Coating
- 02. Original Sacrificial Anode
- 03. Original Impressed Current
- 04. Fiberglass
- 05. Jacketed
- 06. Wrapped (Piping)
- 07. Retrofitted Sacrificial Anode
- 08. Retrofitted Impressed Current
- 09. Urethane

## Tank Secondary Containment (11)

- 00. None
- 01. Diking (AST Only)
- 02. Vault (w/access)
- 03. Vault (w/o access)
- 04. Double-Walled (UST Only)
- 05. Synthetic Liner
- 06. Remote Impounding Area
- 07. Excavation Liner
- 09. Modified Double-Walled (AST Only)
- 10. Impervious Underlayment (AST Only)\*\*
- 11. Double Bottom (AST Only)\*\*
- 12. Double-Walled (AST Only)
- 99. Other - Please List:\*

## Tank Leak Detection (12)

- 00. None
- 01. Interstitial Electronic Monitoring
- 02. Interstitial Manual Monitoring
- 03. Vapor Well
- 04. Groundwater Well
- 05. In-Tank System (Auto Tank Gauge)
- 06. Impervious Barrier/Concrete Pad (AST Only)
- 07. Statistical Inventory Reconciliation (SIR)
- 08. Weep holes in vaults with no access for inspection.

## Overfill Protection (13)

- 00. None
- 01. Float Vent Valve
- 02. High Level Alarm
- 03. Automatic Shut-Off
- 04. Product Level Gauge (AST)
- 05. Vent Whistle
- 99. Other-Please list:\*

## Spill Prevention (14)

- 00. None
- 01. Catch Basin
- 99. Other-Please list:\*

## Pumping/Dispensing Method (15)

- 00. None
- 01. Presurized Dispenser
- 02. Suction Dispenser
- 03. Gravity
- 04. On-Site Heating System (Suction)
- 05. On-Site Heating System (Supply/Return)
- 06. Tank-Mounted Dispenser

## Piping Location (16)

- 00. No Piping
- 01. Aboveground
- 02. Underground/On-ground
- 03. Aboveground/Underground Combination

## Piping Type (17)

- 00. None
- 01. Steel/Carbon Steel/Iron
- 02. Galvanized Steel
- 03. Stainless Steel Alloy
- 04. Fiberglass Coated Steel
- 05. Steel Encased in Concrete
- 06. Fiberglass Reinforced Plastic (FRP)
- 07. Plastic
- 08. Equivalent Technology
- 09. Concrete
- 10. Copper
- 11. Flexible Piping

## Piping Secondary Containment (19)

- 00. None
- 01. Diking (Aboveground Only)
- 02. Vault (w/access)
- 04. Double-Walled (Underground Only)
- 06. Remote Impounding Area
- 07. Trench Liner
- 12. Double-Walled (Aboveground Only)
- 99. Other - Please List:\*

## Pipe Leak Detection (20)

- 00. None
- 01. Interstitial Electronic Monitoring
- 02. Interstitial Manual Monitoring
- 03. Vapor Well
- 04. Groundwater Well
- 07. Pressurized Piping Leak Detector
- 09. Exempt Suction Piping
- 10. Statistical Inventory Reconciliation (SIR)
- 99. Other-Please list:\*

## Under Dispenser Containment (UDC) (21)

Check Box if Present \_\_\_\_\_

\* If other, please list on a separate sheet including tank number

\*\* Each of these codes must be combined with code 01 or 06 to meet compliance requirements





## APPENDIX I

# MERCURY TANK & PUMP SERVICE, INC.

88 Cabot Road  
Massapequa, N.Y. 11758  
(917) 559-5519



New York City Fire Department  
Bureau of Fire Prevention  
9 Metrotech  
Brooklyn, N.Y. 11201

Re: 161-01 through 161-11 29<sup>th</sup> Avenue Queens; permanent removal of one 2,000 gallon underground #2 fuel oil tank.

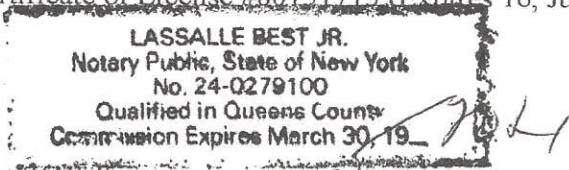
## AFFIDAVIT

In accordance with R 3404-01 (d), the permanent removal of one 2,000 gallon underground #2 fuel oil at 161-01 through 161-11 29<sup>th</sup> Avenue Queens has been completed.

- 1) The contents of the tank were completely removed.
- 2) The tank was thoroughly cleaned and purged of combustible vapors
- 3) All pipes were removed
- 4) The fill box was removed
- 5) The tank was removed from the premises
- 6) This work was completed on 01, July 2020

Sincerely

Mark Salamack  
Underground Tank Installer  
Certificate of License #80151715 (Expires 16, June 2022)

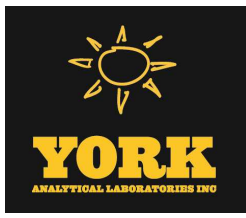


Sworn before me this 15 day of July, 2020

\_\_\_\_\_  
Notary Public



## APPENDIX J



# Technical Report

prepared for:

**Castleton Environmental**  
54 George Street  
Babylon NY, 11702  
**Attention: Daren Murphy**

Report Date: 07/09/2020  
**Client Project ID: PRMC2001**  
York Project (SDG) No.: 20G0055

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

120 RESEARCH DRIVE  
www.YORKLAB.com

STRATFORD, CT 06615  
(203) 325-1371

132-02 89th AVENUE  
FAX (203) 357-0166

RICHMOND HILL, NY 11418  
ClientServices@yorklab.com

Report Date: 07/09/2020  
Client Project ID: PRMC2001  
York Project (SDG) No.: 20G0055

**Castleton Environmental**  
54 George Street  
Babylon NY, 11702  
Attention: Daren Murphy

---

## Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 01, 2020 with a temperature of 4.1 C. The project was identified as your project: **PRMC2001**.

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.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
20G0055-01	EP01 12-13'	Soil	06/30/2020	07/01/2020
20G0055-02	EP02 9-10'	Soil	06/30/2020	07/01/2020
20G0055-03	EP03 9-10'	Soil	06/30/2020	07/01/2020
20G0055-04	EP04 12-13'	Soil	06/30/2020	07/01/2020
20G0055-05	EP05 12-13'	Soil	06/30/2020	07/01/2020
20G0055-06	EP06 10-11'	Soil	06/30/2020	07/01/2020
20G0055-07	EP07 9-10'	Soil	06/30/2020	07/01/2020
20G0055-08	EP08 9-10'	Soil	06/30/2020	07/01/2020
20G0055-09	EP09 9-10'	Soil	06/30/2020	07/01/2020
20G0055-10	EP10 9-10'	Soil	06/30/2020	07/01/2020
20G0055-11	EP11 9-10'	Soil	06/30/2020	07/01/2020
20G0055-12	EP12 9-10'	Soil	06/30/2020	07/01/2020

## **General Notes for York Project (SDG) No.: 20G0055**

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:**



**Benjamin Gulizia**  
Laboratory Director

**Date:** 07/09/2020





### Sample Information

**Client Sample ID:** EP01 12-13'

**York Sample ID:** 20G0055-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20G0055	PRMC2001	Soil	June 30, 2020 10:45 am	07/01/2020

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	220	440	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 15:41	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	220	440	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 15:41	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	220	440	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 15:41	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	220	440	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 15:41	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	220	440	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 15:41	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	220	440	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 15:41	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	220	440	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 15:41	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	220	440	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 15:41	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	220	440	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/06/2020 09:30	07/06/2020 15:41	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	220	440	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 15:41	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	220	440	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 15:41	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	220	440	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 15:41	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	220	440	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 15:41	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	220	440	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 15:41	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	220	440	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 15:41	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	220	440	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 15:41	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	220	440	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 15:41	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	220	440	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 15:41	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	220	440	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 15:41	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	4400	8800	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 15:41	SS



## Sample Information

**Client Sample ID:** EP01 12-13'

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PRMC2001

Soil

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07/01/2020

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**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
78-93-3	2-Butanone	ND		ug/kg dry	220	440	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 15:41	SS
591-78-6	2-Hexanone	ND		ug/kg dry	220	440	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 15:41	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	220	440	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 15:41	SS
67-64-1	Acetone	ND		ug/kg dry	440	880	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 15:41	SS
107-02-8	Acrolein	ND		ug/kg dry	440	880	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 15:41	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	220	440	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 15:41	SS
71-43-2	Benzene	ND		ug/kg dry	220	440	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 15:41	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	220	440	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 15:41	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	220	440	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 15:41	SS
75-25-2	Bromoform	ND		ug/kg dry	220	440	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 15:41	SS
74-83-9	Bromomethane	ND		ug/kg dry	220	440	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 15:41	SS
75-15-0	<b>Carbon disulfide</b>	<b>450</b>	<b>B</b>	ug/kg dry	220	440	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 15:41	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	220	440	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 15:41	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	220	440	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 15:41	SS
75-00-3	Chloroethane	ND		ug/kg dry	220	440	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 15:41	SS
67-66-3	Chloroform	ND		ug/kg dry	220	440	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 15:41	SS
74-87-3	Chloromethane	ND		ug/kg dry	220	440	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 15:41	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	220	440	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 15:41	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	220	440	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 15:41	SS
110-82-7	<b>Cyclohexane</b>	<b>280</b>	<b>J</b>	ug/kg dry	220	440	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 15:41	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	220	440	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 15:41	SS
74-95-3	Dibromomethane	ND		ug/kg dry	220	440	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 15:41	SS





### Sample Information

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Soil

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07/01/2020

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**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
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	220	440	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 15:41	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	220	440	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 15:41	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	220	440	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 15:41	SS
98-82-8	<b>Isopropylbenzene</b>	<b>490</b>		ug/kg dry	220	440	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 15:41	SS
79-20-9	Methyl acetate	ND		ug/kg dry	220	440	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 15:41	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	220	440	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 15:41	SS
108-87-2	<b>Methylcyclohexane</b>	<b>1700</b>		ug/kg dry	220	440	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 15:41	SS
75-09-2	Methylene chloride	ND		ug/kg dry	440	880	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 15:41	SS
104-51-8	<b>n-Butylbenzene</b>	<b>1800</b>		ug/kg dry	220	440	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 15:41	SS
103-65-1	<b>n-Propylbenzene</b>	<b>770</b>		ug/kg dry	220	440	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 15:41	SS
95-47-6	o-Xylene	ND		ug/kg dry	220	440	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/06/2020 09:30	07/06/2020 15:41	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	440	880	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/06/2020 09:30	07/06/2020 15:41	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	220	440	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 15:41	SS
135-98-8	<b>sec-Butylbenzene</b>	<b>1200</b>		ug/kg dry	220	440	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 15:41	SS
100-42-5	Styrene	ND		ug/kg dry	220	440	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 15:41	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	220	2200	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 15:41	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	220	440	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 15:41	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	220	440	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 15:41	SS
108-88-3	Toluene	ND		ug/kg dry	220	440	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 15:41	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	220	440	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 15:41	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	220	440	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 15:41	SS
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	220	440	100	EPA 8260C Certifications: CTDOH	07/06/2020 09:30	07/06/2020 15:41	SS



### Sample Information

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PRMC2001

Soil

June 30, 2020 10:45 am

07/01/2020

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**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
79-01-6	Trichloroethylene	ND		ug/kg dry	220	440	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 15:41	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	220	440	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 15:41	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	220	440	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 15:41	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	660	1300	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 15:41	SS
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	96.4 %			77-125						
2037-26-5	Surrogate: SURRE: Toluene-d8	99.7 %			85-120						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	105 %			76-130						

**Semi-Volatiles, CP-51 (formerly STARS) List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	1100		ug/kg dry	48	96	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 09:24	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	48	96	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 09:24	KH
120-12-7	Anthracene	490		ug/kg dry	48	96	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 09:24	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	48	96	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 09:24	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	48	96	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 09:24	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	48	96	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 09:24	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	48	96	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 09:24	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	48	96	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 09:24	KH
218-01-9	Chrysene	ND		ug/kg dry	48	96	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 09:24	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	48	96	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 09:24	KH
206-44-0	Fluoranthene	74	J	ug/kg dry	48	96	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 09:24	KH
86-73-7	Fluorene	1800		ug/kg dry	48	96	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 09:24	KH



### Sample Information

**Client Sample ID:** EP01 12-13'

**York Sample ID:** 20G0055-01

<u>York Project (SDG) No.</u> 20G0055	<u>Client Project ID</u> PRMC2001	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 30, 2020 10:45 am	<u>Date Received</u> 07/01/2020
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**Semi-Volatiles, CP-51 (formerly STARS) List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	48	96	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 09:24	KH
91-20-3	Naphthalene	5500		ug/kg dry	120	240	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 13:49	KH
85-01-8	Phenanthrene	4200		ug/kg dry	120	240	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 13:49	KH
129-00-0	Pyrene	200		ug/kg dry	48	96	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 09:24	KH
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>							
4165-60-0	Surrogate: SURRE: Nitrobenzene-d5	188 %	S-08	22-108							
321-60-8	Surrogate: SURRE: 2-Fluorobiphenyl	83.4 %		21-113							
1718-51-0	Surrogate: SURRE: Terphenyl-d14	88.8 %		24-116							

**Total Solids**

**Log-in Notes:**

**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	85.9		%	0.100	1	SM 2540G Certifications: CTDOH	07/06/2020 12:14	07/07/2020 08:21	WJM

### Sample Information

**Client Sample ID:** EP02 9-10'

**York Sample ID:** 20G0055-02

<u>York Project (SDG) No.</u> 20G0055	<u>Client Project ID</u> PRMC2001	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 30, 2020 12:55 pm	<u>Date Received</u> 07/01/2020
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**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:32	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:32	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:32	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:32	SS



### Sample Information

**Client Sample ID:** EP02 9-10'

**York Sample ID:** 20G0055-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0055

PRMC2001

Soil

June 30, 2020 12:55 pm

07/01/2020

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**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
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:32	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:32	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:32	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 16:32	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/06/2020 09:30	07/06/2020 16:32	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 16:32	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:32	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:32	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:32	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:32	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:32	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:32	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:32	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:32	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:32	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	3700	7500	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 16:32	SS
78-93-3	2-Butanone	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:32	SS
591-78-6	2-Hexanone	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:32	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:32	SS
67-64-1	Acetone	ND		ug/kg dry	370	750	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:32	SS
107-02-8	Acrolein	ND		ug/kg dry	370	750	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:32	SS



### Sample Information

**Client Sample ID:** EP02 9-10'

**York Sample ID:** 20G0055-02

<u>York Project (SDG) No.</u> 20G0055	<u>Client Project ID</u> PRMC2001	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 30, 2020 12:55 pm	<u>Date Received</u> 07/01/2020
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**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**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
107-13-1	Acrylonitrile	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:32	SS
71-43-2	Benzene	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:32	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 16:32	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:32	SS
75-25-2	Bromoform	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:32	SS
74-83-9	Bromomethane	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:32	SS
75-15-0	<b>Carbon disulfide</b>	<b>390</b>	B	ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:32	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:32	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:32	SS
75-00-3	Chloroethane	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:32	SS
67-66-3	Chloroform	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:32	SS
74-87-3	Chloromethane	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:32	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:32	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:32	SS
110-82-7	Cyclohexane	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 16:32	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 16:32	SS
74-95-3	Dibromomethane	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 16:32	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 16:32	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:32	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 16:32	SS
98-82-8	<b>Isopropylbenzene</b>	<b>290</b>	J	ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:32	SS
79-20-9	Methyl acetate	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 16:32	SS



### Sample Information

**Client Sample ID:** EP02 9-10'

**York Sample ID:** 20G0055-02

York Project (SDG) No.

Client Project ID

Matrix

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20G0055

PRMC2001

Soil

June 30, 2020 12:55 pm

07/01/2020

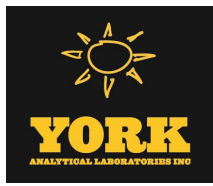
**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**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
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:32	SS
108-87-2	<b>Methylcyclohexane</b>	<b>530</b>		ug/kg dry	190	370	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 16:32	SS
75-09-2	Methylene chloride	ND		ug/kg dry	370	750	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:32	SS
104-51-8	<b>n-Butylbenzene</b>	<b>780</b>		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:32	SS
103-65-1	<b>n-Propylbenzene</b>	<b>650</b>		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:32	SS
95-47-6	o-Xylene	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/06/2020 09:30	07/06/2020 16:32	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	370	750	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/06/2020 09:30	07/06/2020 16:32	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:32	SS
135-98-8	<b>sec-Butylbenzene</b>	<b>670</b>		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:32	SS
100-42-5	Styrene	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:32	SS
75-65-0	<b>tert-Butyl alcohol (TBA)</b>	<b>340</b>	CCV-E , J	ug/kg dry	190	1900	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 16:32	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:32	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:32	SS
108-88-3	Toluene	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:32	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:32	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:32	SS
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH	07/06/2020 09:30	07/06/2020 16:32	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:32	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:32	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	190	370	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:32	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	560	1100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:32	SS
	<b>Surrogate Recoveries</b>	<b>Result</b>			<b>Acceptance Range</b>						



### Sample Information

**Client Sample ID:** EP02 9-10'

**York Sample ID:** 20G0055-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0055

PRMC2001

Soil

June 30, 2020 12:55 pm

07/01/2020

**Volatile Organics, 8260 - Comprehensive**

Log-in Notes:

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
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	95.7 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	97.9 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	103 %			76-130						

**Semi-Volatiles, CP-51 (formerly STARS) List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	<b>Acenaphthene</b>	<b>460</b>		ug/kg dry	46	91	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 09:54	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	46	91	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 09:54	KH
120-12-7	<b>Anthracene</b>	<b>250</b>		ug/kg dry	46	91	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 09:54	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	46	91	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 09:54	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	46	91	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 09:54	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	46	91	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 09:54	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	46	91	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 09:54	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	46	91	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 09:54	KH
218-01-9	Chrysene	ND		ug/kg dry	46	91	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 09:54	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	46	91	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 09:54	KH
206-44-0	<b>Fluoranthene</b>	<b>53</b>	J	ug/kg dry	46	91	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 09:54	KH
86-73-7	<b>Fluorene</b>	<b>790</b>		ug/kg dry	46	91	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 09:54	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	46	91	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 09:54	KH
91-20-3	<b>Naphthalene</b>	<b>1500</b>		ug/kg dry	46	91	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 09:54	KH
85-01-8	<b>Phenanthrene</b>	<b>1400</b>		ug/kg dry	46	91	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 09:54	KH
129-00-0	<b>Pyrene</b>	<b>97</b>		ug/kg dry	46	91	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 09:54	KH
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	120 %	S-08		22-108						



### Sample Information

**Client Sample ID:** EP02 9-10'

**York Sample ID:** 20G0055-02

<u>York Project (SDG) No.</u> 20G0055	<u>Client Project ID</u> PRMC2001	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 30, 2020 12:55 pm	<u>Date Received</u> 07/01/2020
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**Semi-Volatiles, CP-51 (formerly STARS) List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	66.1 %			21-113						
1718-51-0	Surrogate: SURR: Terphenyl-d14	76.1 %			24-116						

**Total Solids**

**Log-in Notes:**

**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	89.1		%	0.100	1	SM 2540G Certifications: CTDOH	07/06/2020 12:14	07/07/2020 08:21	WJM

### Sample Information

**Client Sample ID:** EP03 9-10'

**York Sample ID:** 20G0055-03

<u>York Project (SDG) No.</u> 20G0055	<u>Client Project ID</u> PRMC2001	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 30, 2020 12:58 pm	<u>Date Received</u> 07/01/2020
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**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:57	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:57	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:57	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:57	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:57	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:57	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:57	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 16:57	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/06/2020 09:30	07/06/2020 16:57	SS





### Sample Information

**Client Sample ID:** EP03 9-10'

**York Sample ID:** 20G0055-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0055

PRMC2001

Soil

June 30, 2020 12:58 pm

07/01/2020

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**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
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 16:57	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:57	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:57	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:57	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:57	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:57	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:57	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:57	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:57	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:57	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	3600	7100	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 16:57	SS
78-93-3	2-Butanone	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:57	SS
591-78-6	2-Hexanone	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:57	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:57	SS
67-64-1	Acetone	ND		ug/kg dry	360	710	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:57	SS
107-02-8	Acrolein	ND		ug/kg dry	360	710	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:57	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:57	SS
71-43-2	Benzene	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:57	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 16:57	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:57	SS
75-25-2	Bromoform	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:57	SS



### Sample Information

**Client Sample ID:** EP03 9-10'

**York Sample ID:** 20G0055-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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PRMC2001

Soil

June 30, 2020 12:58 pm

07/01/2020

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**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
74-83-9	Bromomethane	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:57	SS
75-15-0	<b>Carbon disulfide</b>	<b>370</b>	B	ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:57	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:57	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:57	SS
75-00-3	Chloroethane	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:57	SS
67-66-3	Chloroform	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:57	SS
74-87-3	Chloromethane	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:57	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:57	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:57	SS
110-82-7	Cyclohexane	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 16:57	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 16:57	SS
74-95-3	Dibromomethane	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 16:57	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 16:57	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:57	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 16:57	SS
98-82-8	<b>Isopropylbenzene</b>	<b>250</b>	J	ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:57	SS
79-20-9	Methyl acetate	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 16:57	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:57	SS
108-87-2	<b>Methylcyclohexane</b>	<b>800</b>		ug/kg dry	180	360	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 16:57	SS
75-09-2	Methylene chloride	ND		ug/kg dry	360	710	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:57	SS
104-51-8	<b>n-Butylbenzene</b>	<b>810</b>		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:57	SS
103-65-1	<b>n-Propylbenzene</b>	<b>470</b>		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:57	SS



### Sample Information

**Client Sample ID:** EP03 9-10'

**York Sample ID:** 20G0055-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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PRMC2001

Soil

June 30, 2020 12:58 pm

07/01/2020

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**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
95-47-6	o-Xylene	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/06/2020 09:30	07/06/2020 16:57	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	360	710	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/06/2020 09:30	07/06/2020 16:57	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:57	SS
135-98-8	sec-Butylbenzene	710		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:57	SS
100-42-5	Styrene	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:57	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	180	1800	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 16:57	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:57	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:57	SS
108-88-3	Toluene	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:57	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:57	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:57	SS
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH	07/06/2020 09:30	07/06/2020 16:57	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:57	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:57	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	180	360	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:57	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	530	1100	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 16:57	SS
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	96.3 %			77-125						
2037-26-5	Surrogate: SURRE: Toluene-d8	97.1 %			85-120						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	104 %			76-130						

**Semi-Volatiles, CP-51 (formerly STARS) List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120 RESEARCH DRIVE	STRATFORD, CT 06615						132-02 89th AVENUE				RICHMOND HILL, NY 11418
www.YORKLAB.com	(203) 325-1371						FAX (203) 357-0166				ClientServices@yorklab.com



### Sample Information

**Client Sample ID:** EP03 9-10'

**York Sample ID:** 20G0055-03

<u>York Project (SDG) No.</u> 20G0055	<u>Client Project ID</u> PRMC2001	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 30, 2020 12:58 pm	<u>Date Received</u> 07/01/2020
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**Semi-Volatiles, CP-51 (formerly STARS) List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	790		ug/kg dry	46	91	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 10:23	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	46	91	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 10:23	KH
120-12-7	Anthracene	410		ug/kg dry	46	91	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 10:23	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	46	91	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 10:23	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	46	91	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 10:23	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	46	91	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 10:23	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	46	91	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 10:23	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	46	91	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 10:23	KH
218-01-9	Chrysene	ND		ug/kg dry	46	91	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 10:23	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	46	91	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 10:23	KH
206-44-0	Fluoranthene	ND		ug/kg dry	46	91	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 10:23	KH
86-73-7	Fluorene	1400		ug/kg dry	46	91	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 10:23	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	46	91	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 10:23	KH
91-20-3	Naphthalene	2000		ug/kg dry	46	91	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 10:23	KH
85-01-8	Phenanthrene	2500		ug/kg dry	46	91	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 10:23	KH
129-00-0	Pyrene	150		ug/kg dry	46	91	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 10:23	KH
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>							
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	155 %	S-08	22-108							
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	101 %		21-113							
1718-51-0	Surrogate: SURR: Terphenyl-d14	95.5 %		24-116							

**Total Solids**

**Log-in Notes:**

**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
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Sample Information

Client Sample ID: EP03 9-10'

York Sample ID: 20G0055-03

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 20G0055, PRMC2001, Soil, June 30, 2020 12:58 pm, 07/01/2020

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: solids, \* % Solids, 89.2, %, 0.100, 1, SM 2540G, 07/06/2020 12:14, 07/07/2020 08:21, WJM

Sample Information

Client Sample ID: EP04 12-13'

York Sample ID: 20G0055-04

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 20G0055, PRMC2001, Soil, June 30, 2020 1:00 pm, 07/01/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Multiple rows for various organic compounds like 1,1,1,2-Tetrachloroethane, etc.



### Sample Information

**Client Sample ID:** EP04 12-13'

**York Sample ID:** 20G0055-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0055

PRMC2001

Soil

June 30, 2020 1:00 pm

07/01/2020

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**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
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/02/2020 09:30	07/02/2020 17:42	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/02/2020 09:30	07/02/2020 17:42	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/02/2020 09:30	07/02/2020 17:42	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/02/2020 09:30	07/02/2020 17:42	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/02/2020 09:30	07/02/2020 17:42	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/02/2020 09:30	07/02/2020 17:42	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	37	74	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/02/2020 09:30	07/02/2020 17:42	SS
78-93-3	2-Butanone	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/02/2020 09:30	07/02/2020 17:42	SS
591-78-6	2-Hexanone	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/02/2020 09:30	07/02/2020 17:42	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/02/2020 09:30	07/02/2020 17:42	SS
67-64-1	<b>Acetone</b>	<b>8.9</b>		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/02/2020 09:30	07/02/2020 17:42	SS
107-02-8	Acrolein	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/02/2020 09:30	07/02/2020 17:42	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/02/2020 09:30	07/02/2020 17:42	SS
71-43-2	Benzene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/02/2020 09:30	07/02/2020 17:42	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/02/2020 09:30	07/02/2020 17:42	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/02/2020 09:30	07/02/2020 17:42	SS
75-25-2	Bromoform	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/02/2020 09:30	07/02/2020 17:42	SS
74-83-9	Bromomethane	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/02/2020 09:30	07/02/2020 17:42	SS
75-15-0	<b>Carbon disulfide</b>	<b>3.9</b>	CCV-E , B	ug/kg dry	1.9	3.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/02/2020 09:30	07/02/2020 17:42	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/02/2020 09:30	07/02/2020 17:42	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/02/2020 09:30	07/02/2020 17:42	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/02/2020 09:30	07/02/2020 17:42	SS



### Sample Information

**Client Sample ID:** EP04 12-13'

**York Sample ID:** 20G0055-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0055

PRMC2001

Soil

June 30, 2020 1:00 pm

07/01/2020

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**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
67-66-3	Chloroform	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/02/2020 09:30	07/02/2020 17:42	SS
74-87-3	Chloromethane	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/02/2020 09:30	07/02/2020 17:42	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/02/2020 09:30	07/02/2020 17:42	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/02/2020 09:30	07/02/2020 17:42	SS
110-82-7	Cyclohexane	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/02/2020 09:30	07/02/2020 17:42	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/02/2020 09:30	07/02/2020 17:42	SS
74-95-3	Dibromomethane	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/02/2020 09:30	07/02/2020 17:42	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/02/2020 09:30	07/02/2020 17:42	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/02/2020 09:30	07/02/2020 17:42	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/02/2020 09:30	07/02/2020 17:42	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/02/2020 09:30	07/02/2020 17:42	SS
79-20-9	Methyl acetate	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/02/2020 09:30	07/02/2020 17:42	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/02/2020 09:30	07/02/2020 17:42	SS
108-87-2	<b>Methylcyclohexane</b>	<b>3.9</b>		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/02/2020 09:30	07/02/2020 17:42	SS
75-09-2	Methylene chloride	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/02/2020 09:30	07/02/2020 17:42	SS
104-51-8	<b>n-Butylbenzene</b>	<b>2.3</b>	J	ug/kg dry	1.9	3.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/02/2020 09:30	07/02/2020 17:42	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/02/2020 09:30	07/02/2020 17:42	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/02/2020 09:30	07/02/2020 17:42	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.7	7.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/02/2020 09:30	07/02/2020 17:42	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/02/2020 09:30	07/02/2020 17:42	SS
135-98-8	<b>sec-Butylbenzene</b>	<b>3.2</b>	J	ug/kg dry	1.9	3.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/02/2020 09:30	07/02/2020 17:42	SS
100-42-5	Styrene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/02/2020 09:30	07/02/2020 17:42	SS



### Sample Information

**Client Sample ID:** EP04 12-13'

**York Sample ID:** 20G0055-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0055

PRMC2001

Soil

June 30, 2020 1:00 pm

07/01/2020

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**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
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	1.9	19	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/02/2020 09:30	07/02/2020 17:42	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/02/2020 09:30	07/02/2020 17:42	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/02/2020 09:30	07/02/2020 17:42	SS
108-88-3	Toluene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/02/2020 09:30	07/02/2020 17:42	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/02/2020 09:30	07/02/2020 17:42	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/02/2020 09:30	07/02/2020 17:42	SS
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications: CTDOH	07/02/2020 09:30	07/02/2020 17:42	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/02/2020 09:30	07/02/2020 17:42	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/02/2020 09:30	07/02/2020 17:42	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.9	3.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/02/2020 09:30	07/02/2020 17:42	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/02/2020 09:30	07/02/2020 17:42	SS

**Surrogate Recoveries**

**Result**

**Acceptance Range**

17060-07-0	Surrogate: <i>SURR:</i> <i>1,2-Dichloroethane-d4</i>	96.1 %									
2037-26-5	Surrogate: <i>SURR:</i> <i>Toluene-d8</i>	97.7 %									
460-00-4	Surrogate: <i>SURR:</i> <i>p-Bromofluorobenzene</i>	101 %									

**Semi-Volatiles, CP-51 (formerly STARS) List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	81	J	ug/kg dry	46	91	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 10:53	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	46	91	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 10:53	KH
120-12-7	Anthracene	51	J	ug/kg dry	46	91	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 10:53	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	46	91	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 10:53	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	46	91	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 10:53	KH





### Sample Information

**Client Sample ID:** EP04 12-13'

**York Sample ID:** 20G0055-04

<u>York Project (SDG) No.</u> 20G0055	<u>Client Project ID</u> PRMC2001	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 30, 2020 1:00 pm	<u>Date Received</u> 07/01/2020
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**Semi-Volatiles, CP-51 (formerly STARS) List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	46	91	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 10:53	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	46	91	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 10:53	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	46	91	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 10:53	KH
218-01-9	Chrysene	ND		ug/kg dry	46	91	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 10:53	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	46	91	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 10:53	KH
206-44-0	Fluoranthene	ND		ug/kg dry	46	91	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 10:53	KH
86-73-7	<b>Fluorene</b>	<b>150</b>		ug/kg dry	46	91	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 10:53	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	46	91	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 10:53	KH
91-20-3	<b>Naphthalene</b>	<b>76</b>	J	ug/kg dry	46	91	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 10:53	KH
85-01-8	<b>Phenanthrene</b>	<b>310</b>		ug/kg dry	46	91	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 10:53	KH
129-00-0	Pyrene	ND		ug/kg dry	46	91	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 10:53	KH

**Surrogate Recoveries**

**Result**

**Acceptance Range**

4165-60-0	Surrogate: SURR: Nitrobenzene-d5	109 %	S-08	22-108
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	74.8 %		21-113
1718-51-0	Surrogate: SURR: Terphenyl-d14	81.1 %		24-116

**Total Solids**

**Log-in Notes:**

**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	<b>88.9</b>		%	0.100	1	SM 2540G Certifications: CTDOH	07/06/2020 12:14	07/07/2020 08:21	WJM

### Sample Information

**Client Sample ID:** EP05 12-13'

**York Sample ID:** 20G0055-05

<u>York Project (SDG) No.</u> 20G0055	<u>Client Project ID</u> PRMC2001	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 30, 2020 1:02 pm	<u>Date Received</u> 07/01/2020
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### Sample Information

**Client Sample ID:** EP05 12-13'

**York Sample ID:** 20G0055-05

<u>York Project (SDG) No.</u> 20G0055	<u>Client Project ID</u> PRMC2001	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 30, 2020 1:02 pm	<u>Date Received</u> 07/01/2020
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**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	230	470	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 17:47	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	230	470	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 17:47	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	230	470	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 17:47	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	230	470	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 17:47	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	230	470	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 17:47	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	230	470	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 17:47	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	230	470	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 17:47	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	230	470	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 17:47	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	230	470	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/06/2020 09:30	07/06/2020 17:47	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	230	470	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 17:47	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	230	470	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 17:47	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	230	470	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 17:47	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	230	470	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 17:47	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	230	470	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 17:47	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	230	470	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 17:47	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	230	470	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 17:47	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	230	470	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 17:47	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	230	470	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 17:47	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	230	470	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 17:47	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	4700	9300	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 17:47	SS
78-93-3	2-Butanone	ND		ug/kg dry	230	470	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 17:47	SS



### Sample Information

**Client Sample ID:** EP05 12-13'

**York Sample ID:** 20G0055-05

<u>York Project (SDG) No.</u> 20G0055	<u>Client Project ID</u> PRMC2001	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 30, 2020 1:02 pm	<u>Date Received</u> 07/01/2020
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**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**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
591-78-6	2-Hexanone	ND		ug/kg dry	230	470	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 17:47	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	230	470	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 17:47	SS
67-64-1	Acetone	ND		ug/kg dry	470	930	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 17:47	SS
107-02-8	Acrolein	ND		ug/kg dry	470	930	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 17:47	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	230	470	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 17:47	SS
71-43-2	Benzene	ND		ug/kg dry	230	470	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 17:47	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	230	470	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 17:47	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	230	470	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 17:47	SS
75-25-2	Bromoform	ND		ug/kg dry	230	470	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 17:47	SS
74-83-9	Bromomethane	ND		ug/kg dry	230	470	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 17:47	SS
75-15-0	<b>Carbon disulfide</b>	<b>480</b>	B	ug/kg dry	230	470	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 17:47	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	230	470	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 17:47	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	230	470	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 17:47	SS
75-00-3	Chloroethane	ND		ug/kg dry	230	470	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 17:47	SS
67-66-3	Chloroform	ND		ug/kg dry	230	470	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 17:47	SS
74-87-3	Chloromethane	ND		ug/kg dry	230	470	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 17:47	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	230	470	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 17:47	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	230	470	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 17:47	SS
110-82-7	<b>Cyclohexane</b>	<b>450</b>	J	ug/kg dry	230	470	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 17:47	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	230	470	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 17:47	SS
74-95-3	Dibromomethane	ND		ug/kg dry	230	470	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 17:47	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	230	470	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 17:47	SS



### Sample Information

**Client Sample ID:** EP05 12-13'

**York Sample ID:** 20G0055-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0055

PRMC2001

Soil

June 30, 2020 1:02 pm

07/01/2020

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**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
100-41-4	Ethyl Benzene	ND		ug/kg dry	230	470	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 17:47	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	230	470	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 17:47	SS
98-82-8	<b>Isopropylbenzene</b>	<b>690</b>		ug/kg dry	230	470	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 17:47	SS
79-20-9	Methyl acetate	ND		ug/kg dry	230	470	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 17:47	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	230	470	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 17:47	SS
108-87-2	<b>Methylcyclohexane</b>	<b>1700</b>		ug/kg dry	230	470	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 17:47	SS
75-09-2	Methylene chloride	ND		ug/kg dry	470	930	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 17:47	SS
104-51-8	<b>n-Butylbenzene</b>	<b>1200</b>		ug/kg dry	230	470	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 17:47	SS
103-65-1	<b>n-Propylbenzene</b>	<b>1600</b>		ug/kg dry	230	470	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 17:47	SS
95-47-6	o-Xylene	ND		ug/kg dry	230	470	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/06/2020 09:30	07/06/2020 17:47	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	470	930	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/06/2020 09:30	07/06/2020 17:47	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	230	470	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 17:47	SS
135-98-8	<b>sec-Butylbenzene</b>	<b>1100</b>		ug/kg dry	230	470	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 17:47	SS
100-42-5	Styrene	ND		ug/kg dry	230	470	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 17:47	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	230	2300	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 17:47	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	230	470	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 17:47	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	230	470	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 17:47	SS
108-88-3	Toluene	ND		ug/kg dry	230	470	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 17:47	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	230	470	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 17:47	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	230	470	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 17:47	SS
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	230	470	100	EPA 8260C Certifications: CTDOH	07/06/2020 09:30	07/06/2020 17:47	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	230	470	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 17:47	SS



### Sample Information

**Client Sample ID:** EP05 12-13'

**York Sample ID:** 20G0055-05

<u>York Project (SDG) No.</u> 20G0055	<u>Client Project ID</u> PRMC2001	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 30, 2020 1:02 pm	<u>Date Received</u> 07/01/2020
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**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**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
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	230	470	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 17:47	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	230	470	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 17:47	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	700	1400	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 17:47	SS
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	95.9 %			77-125						
2037-26-5	Surrogate: SURRE: Toluene-d8	97.4 %			85-120						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	102 %			76-130						

**Semi-Volatiles, CP-51 (formerly STARS) List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	68	J	ug/kg dry	52	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 11:23	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	52	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 11:23	KH
120-12-7	Anthracene	ND		ug/kg dry	52	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 11:23	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	52	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 11:23	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	52	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 11:23	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	52	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 11:23	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	52	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 11:23	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	52	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 11:23	KH
218-01-9	Chrysene	ND		ug/kg dry	52	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 11:23	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	52	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 11:23	KH
206-44-0	Fluoranthene	ND		ug/kg dry	52	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 11:23	KH
86-73-7	Fluorene	160		ug/kg dry	52	100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 11:23	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	52	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 11:23	KH



### Sample Information

**Client Sample ID:** EP05 12-13'

**York Sample ID:** 20G0055-05

<u>York Project (SDG) No.</u> 20G0055	<u>Client Project ID</u> PRMC2001	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 30, 2020 1:02 pm	<u>Date Received</u> 07/01/2020
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#### Semi-Volatiles, CP-51 (formerly STARS) List

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3550C

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	240		ug/kg dry	52	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 11:23	KH
85-01-8	Phenanthrene	320		ug/kg dry	52	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 11:23	KH
129-00-0	Pyrene	ND		ug/kg dry	52	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 11:23	KH
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	90.6 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	67.2 %			21-113						
1718-51-0	Surrogate: SURR: Terphenyl-d14	74.7 %			24-116						

#### Total Solids

#### Log-in Notes:

#### 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	79.7		%	0.100	1	SM 2540G Certifications: CTDOH	07/06/2020 12:14	07/07/2020 08:21	WJM

### Sample Information

**Client Sample ID:** EP06 10-11'

**York Sample ID:** 20G0055-06

<u>York Project (SDG) No.</u> 20G0055	<u>Client Project ID</u> PRMC2001	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 30, 2020 1:07 pm	<u>Date Received</u> 07/01/2020
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#### Volatile Organics, 8260 - Comprehensive

#### Log-in Notes:

#### 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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	220	450	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 18:12	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	220	450	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 18:12	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	220	450	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 18:12	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	220	450	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 18:12	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	220	450	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 18:12	SS



### Sample Information

**Client Sample ID:** EP06 10-11'

**York Sample ID:** 20G0055-06

<u>York Project (SDG) No.</u> 20G0055	<u>Client Project ID</u> PRMC2001	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 30, 2020 1:07 pm	<u>Date Received</u> 07/01/2020
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**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**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
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	220	450	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 18:12	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	220	450	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 18:12	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	220	450	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 18:12	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	220	450	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/06/2020 09:30	07/06/2020 18:12	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	220	450	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 18:12	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	220	450	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 18:12	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	220	450	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 18:12	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	220	450	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 18:12	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	220	450	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 18:12	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	220	450	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 18:12	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	220	450	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 18:12	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	220	450	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 18:12	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	220	450	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 18:12	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	220	450	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 18:12	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	4500	8900	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 18:12	SS
78-93-3	2-Butanone	ND		ug/kg dry	220	450	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 18:12	SS
591-78-6	2-Hexanone	ND		ug/kg dry	220	450	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 18:12	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	220	450	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 18:12	SS
67-64-1	Acetone	ND		ug/kg dry	450	890	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 18:12	SS
107-02-8	Acrolein	ND		ug/kg dry	450	890	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 18:12	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	220	450	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 18:12	SS



### Sample Information

**Client Sample ID:** EP06 10-11'

**York Sample ID:** 20G0055-06

<u>York Project (SDG) No.</u> 20G0055	<u>Client Project ID</u> PRMC2001	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 30, 2020 1:07 pm	<u>Date Received</u> 07/01/2020
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**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**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
71-43-2	Benzene	ND		ug/kg dry	220	450	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 18:12	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	220	450	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 18:12	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	220	450	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 18:12	SS
75-25-2	Bromoform	ND		ug/kg dry	220	450	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 18:12	SS
74-83-9	Bromomethane	ND		ug/kg dry	220	450	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 18:12	SS
75-15-0	<b>Carbon disulfide</b>	<b>460</b>	B	ug/kg dry	220	450	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 18:12	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	220	450	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 18:12	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	220	450	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 18:12	SS
75-00-3	Chloroethane	ND		ug/kg dry	220	450	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 18:12	SS
67-66-3	Chloroform	ND		ug/kg dry	220	450	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 18:12	SS
74-87-3	Chloromethane	ND		ug/kg dry	220	450	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 18:12	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	220	450	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 18:12	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	220	450	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 18:12	SS
110-82-7	<b>Cyclohexane</b>	<b>260</b>	J	ug/kg dry	220	450	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 18:12	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	220	450	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 18:12	SS
74-95-3	Dibromomethane	ND		ug/kg dry	220	450	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 18:12	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	220	450	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 18:12	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	220	450	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 18:12	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	220	450	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 18:12	SS
98-82-8	<b>Isopropylbenzene</b>	<b>600</b>		ug/kg dry	220	450	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 18:12	SS
79-20-9	Methyl acetate	ND		ug/kg dry	220	450	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 18:12	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	220	450	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 18:12	SS





### Sample Information

**Client Sample ID:** EP06 10-11'

**York Sample ID:** 20G0055-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0055

PRMC2001

Soil

June 30, 2020 1:07 pm

07/01/2020

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**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
108-87-2	Methylcyclohexane	1200		ug/kg dry	220	450	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 18:12	SS
75-09-2	Methylene chloride	ND		ug/kg dry	450	890	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 18:12	SS
104-51-8	n-Butylbenzene	1300		ug/kg dry	220	450	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 18:12	SS
103-65-1	n-Propylbenzene	1300		ug/kg dry	220	450	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 18:12	SS
95-47-6	o-Xylene	ND		ug/kg dry	220	450	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/06/2020 09:30	07/06/2020 18:12	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	450	890	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/06/2020 09:30	07/06/2020 18:12	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	220	450	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 18:12	SS
135-98-8	sec-Butylbenzene	1300		ug/kg dry	220	450	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 18:12	SS
100-42-5	Styrene	ND		ug/kg dry	220	450	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 18:12	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	220	2200	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 18:12	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	220	450	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 18:12	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	220	450	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 18:12	SS
108-88-3	Toluene	ND		ug/kg dry	220	450	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 18:12	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	220	450	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 18:12	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	220	450	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 18:12	SS
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	220	450	100	EPA 8260C Certifications: CTDOH	07/06/2020 09:30	07/06/2020 18:12	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	220	450	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 18:12	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	220	450	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 18:12	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	220	450	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 18:12	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	670	1300	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 18:12	SS
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	94.7 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	97.9 %	85-120								



### Sample Information

**Client Sample ID:** EP06 10-11'

**York Sample ID:** 20G0055-06

<u>York Project (SDG) No.</u> 20G0055	<u>Client Project ID</u> PRMC2001	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 30, 2020 1:07 pm	<u>Date Received</u> 07/01/2020
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**Volatile Organics, 8260 - Comprehensive**

Log-in Notes:

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
460-00-4	Surrogate: <i>SURR:</i> <i>p-Bromofluorobenzene</i>	103 %			76-130						

**Semi-Volatiles, CP-51 (formerly STARS) List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	<b>Acenaphthene</b>	<b>280</b>		ug/kg dry	50	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 11:52	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	50	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 11:52	KH
120-12-7	<b>Anthracene</b>	<b>140</b>		ug/kg dry	50	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 11:52	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	50	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 11:52	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	50	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 11:52	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	50	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 11:52	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	50	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 11:52	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	50	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 11:52	KH
218-01-9	Chrysene	ND		ug/kg dry	50	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 11:52	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	50	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 11:52	KH
206-44-0	Fluoranthene	ND		ug/kg dry	50	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 11:52	KH
86-73-7	<b>Fluorene</b>	<b>560</b>		ug/kg dry	50	100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 11:52	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	50	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 11:52	KH
91-20-3	<b>Naphthalene</b>	<b>940</b>		ug/kg dry	50	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 11:52	KH
85-01-8	<b>Phenanthrene</b>	<b>1100</b>		ug/kg dry	50	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 11:52	KH
129-00-0	<b>Pyrene</b>	<b>99</b>	J	ug/kg dry	50	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 11:52	KH

Surrogate Recoveries	Result	Acceptance Range
4165-60-0 Surrogate: <i>SURR: Nitrobenzene-d5</i>	101 %	22-108
321-60-8 Surrogate: <i>SURR: 2-Fluorobiphenyl</i>	71.5 %	21-113
1718-51-0 Surrogate: <i>SURR: Terphenyl-d14</i>	76.7 %	24-116



### Sample Information

**Client Sample ID:** EP06 10-11'

**York Sample ID:** 20G0055-06

<u>York Project (SDG) No.</u> 20G0055	<u>Client Project ID</u> PRMC2001	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 30, 2020 1:07 pm	<u>Date Received</u> 07/01/2020
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**Total Solids**

Log-in Notes:

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	83.3		%	0.100	1	SM 2540G Certifications: CTDOH	07/06/2020 12:14	07/07/2020 08:21	WJM

### Sample Information

**Client Sample ID:** EP07 9-10'

**York Sample ID:** 20G0055-07

<u>York Project (SDG) No.</u> 20G0055	<u>Client Project ID</u> PRMC2001	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 30, 2020 1:09 pm	<u>Date Received</u> 07/01/2020
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**Volatile Organics, 8260 - Comprehensive**

Log-in Notes:

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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	250	510	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:32	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	250	510	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:32	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	250	510	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:32	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	250	510	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:32	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	250	510	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:32	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	250	510	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:32	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	250	510	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:32	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	250	510	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/07/2020 12:30	07/08/2020 05:32	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	250	510	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/07/2020 12:30	07/08/2020 05:32	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	250	510	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/07/2020 12:30	07/08/2020 05:32	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	250	510	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:32	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	250	510	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:32	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	250	510	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:32	SS



### Sample Information

**Client Sample ID:** EP07 9-10'

**York Sample ID:** 20G0055-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0055

PRMC2001

Soil

June 30, 2020 1:09 pm

07/01/2020

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**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
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	250	510	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:32	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	250	510	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:32	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	250	510	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:32	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	250	510	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:32	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	250	510	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:32	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	250	510	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:32	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	5100	10000	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/07/2020 12:30	07/08/2020 05:32	SS
78-93-3	2-Butanone	ND		ug/kg dry	250	510	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:32	SS
591-78-6	2-Hexanone	ND		ug/kg dry	250	510	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:32	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	250	510	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:32	SS
67-64-1	Acetone	ND		ug/kg dry	510	1000	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:32	SS
107-02-8	Acrolein	ND		ug/kg dry	510	1000	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:32	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	250	510	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:32	SS
71-43-2	Benzene	ND		ug/kg dry	250	510	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:32	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	250	510	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/07/2020 12:30	07/08/2020 05:32	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	250	510	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:32	SS
75-25-2	Bromoform	ND		ug/kg dry	250	510	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:32	SS
74-83-9	Bromomethane	ND		ug/kg dry	250	510	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:32	SS
75-15-0	<b>Carbon disulfide</b>	<b>580</b>	CCV-E , B	ug/kg dry	250	510	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:32	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	250	510	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:32	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	250	510	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:32	SS



### Sample Information

**Client Sample ID:** EP07 9-10'

**York Sample ID:** 20G0055-07

York Project (SDG) No.

Client Project ID

Matrix

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20G0055

PRMC2001

Soil

June 30, 2020 1:09 pm

07/01/2020

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**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
75-00-3	Chloroethane	ND		ug/kg dry	250	510	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:32	SS
67-66-3	Chloroform	ND		ug/kg dry	250	510	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:32	SS
74-87-3	Chloromethane	ND		ug/kg dry	250	510	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:32	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	250	510	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:32	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	250	510	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:32	SS
110-82-7	Cyclohexane	ND		ug/kg dry	250	510	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/07/2020 12:30	07/08/2020 05:32	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	250	510	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/07/2020 12:30	07/08/2020 05:32	SS
74-95-3	Dibromomethane	ND		ug/kg dry	250	510	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/07/2020 12:30	07/08/2020 05:32	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	250	510	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/07/2020 12:30	07/08/2020 05:32	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	250	510	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:32	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	250	510	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/07/2020 12:30	07/08/2020 05:32	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	250	510	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:32	SS
79-20-9	Methyl acetate	ND		ug/kg dry	250	510	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/07/2020 12:30	07/08/2020 05:32	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	250	510	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:32	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	250	510	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/07/2020 12:30	07/08/2020 05:32	SS
75-09-2	<b>Methylene chloride</b>	<b>610</b>	CCV-E , J	ug/kg dry	510	1000	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:32	SS
104-51-8	<b>n-Butylbenzene</b>	<b>500</b>	J	ug/kg dry	250	510	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:32	SS
103-65-1	<b>n-Propylbenzene</b>	<b>290</b>	J	ug/kg dry	250	510	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:32	SS
95-47-6	o-Xylene	ND		ug/kg dry	250	510	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/07/2020 12:30	07/08/2020 05:32	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	510	1000	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/07/2020 12:30	07/08/2020 05:32	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	250	510	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:32	SS
135-98-8	<b>sec-Butylbenzene</b>	<b>380</b>	J	ug/kg dry	250	510	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:32	SS



### Sample Information

**Client Sample ID:** EP07 9-10'

**York Sample ID:** 20G0055-07

York Project (SDG) No.

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PRMC2001

Soil

June 30, 2020 1:09 pm

07/01/2020

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**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
100-42-5	Styrene	ND		ug/kg dry	250	510	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:32	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	250	2500	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/07/2020 12:30	07/08/2020 05:32	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	250	510	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:32	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	250	510	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:32	SS
108-88-3	Toluene	ND		ug/kg dry	250	510	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:32	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	250	510	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:32	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	250	510	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:32	SS
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	250	510	100	EPA 8260C Certifications: CTDOH	07/07/2020 12:30	07/08/2020 05:32	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	250	510	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:32	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	250	510	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:32	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	250	510	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:32	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	760	1500	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:32	SS
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	111 %	77-125								
2037-26-5	Surrogate: SURRE: Toluene-d8	99.7 %	85-120								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	101 %	76-130								

**Semi-Volatiles, CP-51 (formerly STARS) List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	300		ug/kg dry	48	96	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 12:21	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	48	96	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 12:21	KH
120-12-7	Anthracene	160		ug/kg dry	48	96	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 12:21	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	48	96	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 12:21	KH



### Sample Information

**Client Sample ID:** EP07 9-10'

**York Sample ID:** 20G0055-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0055

PRMC2001

Soil

June 30, 2020 1:09 pm

07/01/2020

**Semi-Volatiles, CP-51 (formerly STARS) List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	48	96	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 12:21	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	48	96	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 12:21	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	48	96	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 12:21	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	48	96	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 12:21	KH
218-01-9	Chrysene	ND		ug/kg dry	48	96	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 12:21	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	48	96	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 12:21	KH
206-44-0	Fluoranthene	ND		ug/kg dry	48	96	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 12:21	KH
86-73-7	<b>Fluorene</b>	<b>540</b>		ug/kg dry	48	96	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 12:21	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	48	96	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 12:21	KH
91-20-3	<b>Naphthalene</b>	<b>610</b>		ug/kg dry	48	96	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 12:21	KH
85-01-8	<b>Phenanthrene</b>	<b>1100</b>		ug/kg dry	48	96	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 12:21	KH
129-00-0	<b>Pyrene</b>	<b>55</b>	J	ug/kg dry	48	96	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 12:21	KH
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
4165-60-0	Surrogate: SURRE: Nitrobenzene-d5	105 %	22-108								
321-60-8	Surrogate: SURRE: 2-Fluorobiphenyl	66.2 %	21-113								
1718-51-0	Surrogate: SURRE: Terphenyl-d14	66.1 %	24-116								

**Total Solids**

**Log-in Notes:**

**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	<b>84.8</b>		%	0.100	1	SM 2540G Certifications: CTDOH	07/06/2020 12:14	07/07/2020 08:21	WJM



### Sample Information

**Client Sample ID:** EP08 9-10'

**York Sample ID:** 20G0055-08

<u>York Project (SDG) No.</u> 20G0055	<u>Client Project ID</u> PRMC2001	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 30, 2020 1:11 pm	<u>Date Received</u> 07/01/2020
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**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:03	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:03	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:03	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:03	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:03	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:03	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:03	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 19:03	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/06/2020 09:30	07/06/2020 19:03	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 19:03	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:03	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:03	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:03	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:03	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:03	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:03	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:03	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:03	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:03	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	4200	8300	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 19:03	SS
78-93-3	2-Butanone	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:03	SS





### Sample Information

**Client Sample ID:** EP08 9-10'

**York Sample ID:** 20G0055-08

<u>York Project (SDG) No.</u> 20G0055	<u>Client Project ID</u> PRMC2001	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 30, 2020 1:11 pm	<u>Date Received</u> 07/01/2020
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**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**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
591-78-6	2-Hexanone	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:03	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:03	SS
67-64-1	Acetone	ND		ug/kg dry	420	830	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:03	SS
107-02-8	Acrolein	ND		ug/kg dry	420	830	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:03	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:03	SS
71-43-2	Benzene	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:03	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 19:03	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:03	SS
75-25-2	Bromoform	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:03	SS
74-83-9	Bromomethane	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:03	SS
75-15-0	<b>Carbon disulfide</b>	<b>430</b>	<b>B</b>	ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:03	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:03	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:03	SS
75-00-3	Chloroethane	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:03	SS
67-66-3	Chloroform	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:03	SS
74-87-3	Chloromethane	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:03	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:03	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:03	SS
110-82-7	Cyclohexane	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 19:03	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 19:03	SS
74-95-3	Dibromomethane	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 19:03	SS



### Sample Information

**Client Sample ID:** EP08 9-10'

**York Sample ID:** 20G0055-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0055

PRMC2001

Soil

June 30, 2020 1:11 pm

07/01/2020

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**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
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 19:03	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:03	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 19:03	SS
98-82-8	<b>Isopropylbenzene</b>	<b>630</b>		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:03	SS
79-20-9	Methyl acetate	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 19:03	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:03	SS
108-87-2	<b>Methylcyclohexane</b>	<b>1100</b>		ug/kg dry	210	420	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 19:03	SS
75-09-2	Methylene chloride	ND		ug/kg dry	420	830	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:03	SS
104-51-8	<b>n-Butylbenzene</b>	<b>1400</b>		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:03	SS
103-65-1	<b>n-Propylbenzene</b>	<b>1500</b>		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:03	SS
95-47-6	o-Xylene	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/06/2020 09:30	07/06/2020 19:03	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	420	830	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/06/2020 09:30	07/06/2020 19:03	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:03	SS
135-98-8	<b>sec-Butylbenzene</b>	<b>1300</b>		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:03	SS
100-42-5	Styrene	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:03	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	210	2100	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 19:03	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:03	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:03	SS
108-88-3	Toluene	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:03	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:03	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:03	SS
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH	07/06/2020 09:30	07/06/2020 19:03	SS



### Sample Information

**Client Sample ID:** EP08 9-10'

**York Sample ID:** 20G0055-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0055

PRMC2001

Soil

June 30, 2020 1:11 pm

07/01/2020

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**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
79-01-6	Trichloroethylene	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:03	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:03	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	210	420	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:03	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	620	1200	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:03	SS
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	95.9 %			77-125						
2037-26-5	Surrogate: SURRE: Toluene-d8	98.0 %			85-120						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	102 %			76-130						

**Semi-Volatiles, CP-51 (formerly STARS) List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	520		ug/kg dry	48	95	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 12:51	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	48	95	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 12:51	KH
120-12-7	Anthracene	350		ug/kg dry	48	95	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 12:51	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	48	95	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 12:51	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	48	95	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 12:51	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	48	95	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 12:51	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	48	95	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 12:51	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	48	95	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 12:51	KH
218-01-9	Chrysene	ND		ug/kg dry	48	95	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 12:51	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	48	95	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 12:51	KH
206-44-0	Fluoranthene	91	J	ug/kg dry	48	95	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 12:51	KH
86-73-7	Fluorene	1200		ug/kg dry	48	95	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 12:51	KH



### Sample Information

<b>Client Sample ID:</b> EP08 9-10'					<b>York Sample ID:</b> 20G0055-08
<u>York Project (SDG) No.</u> 20G0055	<u>Client Project ID</u> PRMC2001	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 30, 2020 1:11 pm	<u>Date Received</u> 07/01/2020	

#### Semi-Volatiles, CP-51 (formerly STARS) List

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	48	95	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 12:51	KH
91-20-3	Naphthalene	2300		ug/kg dry	48	95	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 12:51	KH
85-01-8	Phenanthrene	2000		ug/kg dry	48	95	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 12:51	KH
129-00-0	Pyrene	210		ug/kg dry	48	95	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/07/2020 14:22	07/08/2020 12:51	KH
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	156 %	S-08		22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	78.6 %			21-113						
1718-51-0	Surrogate: SURR: Terphenyl-d14	85.4 %			24-116						

#### Total Solids

#### Log-in Notes:

#### 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	86.6		%	0.100	1	SM 2540G Certifications: CTDOH	07/06/2020 12:14	07/07/2020 08:21	WJM

### Sample Information

<b>Client Sample ID:</b> EP09 9-10'					<b>York Sample ID:</b> 20G0055-09
<u>York Project (SDG) No.</u> 20G0055	<u>Client Project ID</u> PRMC2001	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 30, 2020 1:14 pm	<u>Date Received</u> 07/01/2020	

#### Volatile Organics, 8260 - Comprehensive

#### Log-in Notes:

#### 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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:28	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:28	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:28	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:28	SS



### Sample Information

**Client Sample ID:** EP09 9-10'

**York Sample ID:** 20G0055-09

<u>York Project (SDG) No.</u> 20G0055	<u>Client Project ID</u> PRMC2001	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 30, 2020 1:14 pm	<u>Date Received</u> 07/01/2020
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**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**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
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:28	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:28	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:28	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 19:28	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/06/2020 09:30	07/06/2020 19:28	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 19:28	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:28	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:28	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:28	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:28	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:28	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:28	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:28	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:28	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:28	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	49	97	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 19:28	SS
78-93-3	<b>2-Butanone</b>	<b>8.2</b>		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:28	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:28	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:28	SS
67-64-1	<b>Acetone</b>	<b>43</b>	<b>B</b>	ug/kg dry	4.9	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:28	SS
107-02-8	Acrolein	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:28	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:28	SS



### Sample Information

**Client Sample ID:** EP09 9-10'

**York Sample ID:** 20G0055-09

<u>York Project (SDG) No.</u> 20G0055	<u>Client Project ID</u> PRMC2001	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 30, 2020 1:14 pm	<u>Date Received</u> 07/01/2020
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**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**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
71-43-2	Benzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:28	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 19:28	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:28	SS
75-25-2	Bromoform	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:28	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:28	SS
75-15-0	<b>Carbon disulfide</b>	<b>5.1</b>	<b>B</b>	ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:28	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:28	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:28	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:28	SS
67-66-3	Chloroform	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:28	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:28	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:28	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:28	SS
110-82-7	<b>Cyclohexane</b>	<b>34</b>		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 19:28	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 19:28	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 19:28	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 19:28	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:28	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 19:28	SS
98-82-8	<b>Isopropylbenzene</b>	<b>61</b>		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:28	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 19:28	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:28	SS



### Sample Information

**Client Sample ID:** EP09 9-10'

**York Sample ID:** 20G0055-09

<u>York Project (SDG) No.</u> 20G0055	<u>Client Project ID</u> PRMC2001	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 30, 2020 1:14 pm	<u>Date Received</u> 07/01/2020
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**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**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
108-87-2	Methylcyclohexane	150		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 19:28	SS
75-09-2	Methylene chloride	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:28	SS
104-51-8	n-Butylbenzene	120		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:28	SS
103-65-1	n-Propylbenzene	130		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:28	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/06/2020 09:30	07/06/2020 19:28	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.9	9.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/06/2020 09:30	07/06/2020 19:28	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:28	SS
135-98-8	sec-Butylbenzene	110		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:28	SS
100-42-5	Styrene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:28	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.4	24	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/06/2020 09:30	07/06/2020 19:28	SS
98-06-6	tert-Butylbenzene	13		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:28	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:28	SS
108-88-3	Toluene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:28	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:28	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:28	SS
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH	07/06/2020 09:30	07/06/2020 19:28	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:28	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:28	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	4.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:28	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.3	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/06/2020 09:30	07/06/2020 19:28	SS
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	96.8 %	77-125								
2037-26-5	Surrogate: SURRE: Toluene-d8	108 %	85-120								



### Sample Information

**Client Sample ID:** EP09 9-10'

**York Sample ID:** 20G0055-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0055

PRMC2001

Soil

June 30, 2020 1:14 pm

07/01/2020

**Volatile Organics, 8260 - Comprehensive**

Log-in Notes:

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
460-00-4	Surrogate: <i>SURR:</i> <i>p-Bromofluorobenzene</i>	171 %	S-03		76-130						

**Semi-Volatiles, CP-51 (formerly STARS) List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	<b>Acenaphthene</b>	<b>770</b>		ug/kg dry	70	140	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 16:17	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	70	140	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 16:17	KH
120-12-7	<b>Anthracene</b>	<b>300</b>		ug/kg dry	70	140	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 16:17	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	70	140	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 16:17	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	70	140	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 16:17	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	70	140	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 16:17	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	70	140	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 16:17	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	70	140	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 16:17	KH
218-01-9	Chrysene	ND		ug/kg dry	70	140	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 16:17	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	70	140	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 16:17	KH
206-44-0	Fluoranthene	ND		ug/kg dry	70	140	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 16:17	KH
86-73-7	<b>Fluorene</b>	<b>1100</b>		ug/kg dry	70	140	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 16:17	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	70	140	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 16:17	KH
91-20-3	<b>Naphthalene</b>	<b>2400</b>		ug/kg dry	70	140	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 16:17	KH
85-01-8	<b>Phenanthrene</b>	<b>1700</b>		ug/kg dry	70	140	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 16:17	KH
129-00-0	<b>Pyrene</b>	<b>110</b>	J	ug/kg dry	70	140	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 16:17	KH

**Surrogate Recoveries**

**Result**

**Acceptance Range**

4165-60-0	Surrogate: <i>SURR: Nitrobenzene-d5</i>	136 %	S-08	22-108
321-60-8	Surrogate: <i>SURR: 2-Fluorobiphenyl</i>	71.4 %		21-113
1718-51-0	Surrogate: <i>SURR: Terphenyl-d14</i>	91.2 %		24-116





### Sample Information

**Client Sample ID:** EP09 9-10'

**York Sample ID:** 20G0055-09

<u>York Project (SDG) No.</u> 20G0055	<u>Client Project ID</u> PRMC2001	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 30, 2020 1:14 pm	<u>Date Received</u> 07/01/2020
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**Total Solids**

**Log-in Notes:**

**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	76.0		%	0.100	1	SM 2540G Certifications: CTDOH	07/06/2020 12:14	07/07/2020 08:21	WJM

### Sample Information

**Client Sample ID:** EP10 9-10'

**York Sample ID:** 20G0055-10

<u>York Project (SDG) No.</u> 20G0055	<u>Client Project ID</u> PRMC2001	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 30, 2020 1:15 pm	<u>Date Received</u> 07/01/2020
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**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:59	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:59	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:59	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:59	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:59	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:59	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:59	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/07/2020 12:30	07/08/2020 05:59	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/07/2020 12:30	07/08/2020 05:59	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/07/2020 12:30	07/08/2020 05:59	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:59	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:59	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:59	SS



### Sample Information

**Client Sample ID:** EP10 9-10'

**York Sample ID:** 20G0055-10

<u>York Project (SDG) No.</u> 20G0055	<u>Client Project ID</u> PRMC2001	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 30, 2020 1:15 pm	<u>Date Received</u> 07/01/2020
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**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**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
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:59	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:59	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:59	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:59	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:59	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:59	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	5900	12000	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/07/2020 12:30	07/08/2020 05:59	SS
78-93-3	2-Butanone	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:59	SS
591-78-6	2-Hexanone	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:59	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:59	SS
67-64-1	Acetone	ND		ug/kg dry	590	1200	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:59	SS
107-02-8	Acrolein	ND		ug/kg dry	590	1200	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:59	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:59	SS
71-43-2	Benzene	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:59	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/07/2020 12:30	07/08/2020 05:59	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:59	SS
75-25-2	Bromoform	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:59	SS
74-83-9	Bromomethane	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:59	SS
75-15-0	<b>Carbon disulfide</b>	<b>680</b>	CCV-E , B	ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:59	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:59	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:59	SS



### Sample Information

**Client Sample ID:** EP10 9-10'

**York Sample ID:** 20G0055-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0055

PRMC2001

Soil

June 30, 2020 1:15 pm

07/01/2020

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**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
75-00-3	Chloroethane	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:59	SS
67-66-3	Chloroform	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:59	SS
74-87-3	Chloromethane	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:59	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:59	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:59	SS
110-82-7	Cyclohexane	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/07/2020 12:30	07/08/2020 05:59	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/07/2020 12:30	07/08/2020 05:59	SS
74-95-3	Dibromomethane	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/07/2020 12:30	07/08/2020 05:59	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/07/2020 12:30	07/08/2020 05:59	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:59	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/07/2020 12:30	07/08/2020 05:59	SS
98-82-8	<b>Isopropylbenzene</b>	<b>700</b>		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:59	SS
79-20-9	<b>Methyl acetate</b>	<b>540</b>	CCV-E , J, B	ug/kg dry	290	590	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/07/2020 12:30	07/08/2020 05:59	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:59	SS
108-87-2	<b>Methylcyclohexane</b>	<b>980</b>		ug/kg dry	290	590	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/07/2020 12:30	07/08/2020 05:59	SS
75-09-2	Methylene chloride	ND		ug/kg dry	590	1200	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:59	SS
104-51-8	<b>n-Butylbenzene</b>	<b>1600</b>		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:59	SS
103-65-1	<b>n-Propylbenzene</b>	<b>1500</b>		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:59	SS
95-47-6	o-Xylene	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/07/2020 12:30	07/08/2020 05:59	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	590	1200	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/07/2020 12:30	07/08/2020 05:59	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:59	SS
135-98-8	<b>sec-Butylbenzene</b>	<b>1400</b>		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:59	SS



### Sample Information

**Client Sample ID:** EP10 9-10'

**York Sample ID:** 20G0055-10

<u>York Project (SDG) No.</u> 20G0055	<u>Client Project ID</u> PRMC2001	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 30, 2020 1:15 pm	<u>Date Received</u> 07/01/2020
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**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**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
100-42-5	Styrene	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:59	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	290	2900	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/07/2020 12:30	07/08/2020 05:59	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:59	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:59	SS
108-88-3	Toluene	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:59	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:59	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:59	SS
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH	07/07/2020 12:30	07/08/2020 05:59	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:59	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:59	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	290	590	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:59	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	880	1800	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 05:59	SS

**Surrogate Recoveries**

**Result**

**Acceptance Range**

17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	105 %	77-125
2037-26-5	Surrogate: SURR: Toluene-d8	99.0 %	85-120
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	110 %	76-130

**Semi-Volatiles, CP-51 (formerly STARS) List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	710		ug/kg dry	55	110	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 16:46	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	55	110	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 16:46	KH
120-12-7	Anthracene	330		ug/kg dry	55	110	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 16:46	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	55	110	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 16:46	KH



### Sample Information

**Client Sample ID:** EP10 9-10'

**York Sample ID:** 20G0055-10

<u>York Project (SDG) No.</u> 20G0055	<u>Client Project ID</u> PRMC2001	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 30, 2020 1:15 pm	<u>Date Received</u> 07/01/2020
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**Semi-Volatiles, CP-51 (formerly STARS) List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	55	110	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 16:46	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	55	110	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 16:46	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	55	110	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 16:46	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	55	110	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 16:46	KH
218-01-9	Chrysene	ND		ug/kg dry	55	110	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 16:46	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	55	110	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 16:46	KH
206-44-0	Fluoranthene	ND		ug/kg dry	55	110	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 16:46	KH
86-73-7	<b>Fluorene</b>	<b>1200</b>		ug/kg dry	55	110	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 16:46	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	55	110	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 16:46	KH
91-20-3	<b>Naphthalene</b>	<b>3300</b>		ug/kg dry	55	110	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 16:46	KH
85-01-8	<b>Phenanthrene</b>	<b>2100</b>		ug/kg dry	55	110	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 16:46	KH
129-00-0	<b>Pyrene</b>	<b>120</b>		ug/kg dry	55	110	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 16:46	KH
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>							
4165-60-0	Surrogate: SURRE: Nitrobenzene-d5	141 %	S-08	22-108							
321-60-8	Surrogate: SURRE: 2-Fluorobiphenyl	73.6 %		21-113							
1718-51-0	Surrogate: SURRE: Terphenyl-d14	89.5 %		24-116							

**Total Solids**

**Log-in Notes:**

**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	75.7		%	0.100	1	SM 2540G Certifications: CTDOH	07/06/2020 12:14	07/07/2020 08:21	WJM



### Sample Information

**Client Sample ID:** EP11 9-10'

**York Sample ID:** 20G0055-11

<u>York Project (SDG) No.</u> 20G0055	<u>Client Project ID</u> PRMC2001	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 30, 2020 1:16 pm	<u>Date Received</u> 07/01/2020
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**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	210	430	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:25	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	210	430	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:25	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	210	430	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:25	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	210	430	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:25	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	210	430	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:25	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	210	430	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:25	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	210	430	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:25	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	210	430	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/07/2020 12:30	07/08/2020 06:25	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	210	430	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/07/2020 12:30	07/08/2020 06:25	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	210	430	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/07/2020 12:30	07/08/2020 06:25	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	210	430	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:25	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	210	430	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:25	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	210	430	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:25	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	210	430	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:25	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	210	430	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:25	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	210	430	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:25	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	210	430	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:25	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	210	430	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:25	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	210	430	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:25	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	4300	8500	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/07/2020 12:30	07/08/2020 06:25	SS
78-93-3	2-Butanone	ND		ug/kg dry	210	430	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:25	SS



### Sample Information

**Client Sample ID:** EP11 9-10'

**York Sample ID:** 20G0055-11

<u>York Project (SDG) No.</u> 20G0055	<u>Client Project ID</u> PRMC2001	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 30, 2020 1:16 pm	<u>Date Received</u> 07/01/2020
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**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**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
591-78-6	2-Hexanone	ND		ug/kg dry	210	430	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:25	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	210	430	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:25	SS
67-64-1	Acetone	ND		ug/kg dry	430	850	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:25	SS
107-02-8	Acrolein	ND		ug/kg dry	430	850	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:25	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	210	430	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:25	SS
71-43-2	Benzene	ND		ug/kg dry	210	430	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:25	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	210	430	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/07/2020 12:30	07/08/2020 06:25	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	210	430	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:25	SS
75-25-2	Bromoform	ND		ug/kg dry	210	430	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:25	SS
74-83-9	Bromomethane	ND		ug/kg dry	210	430	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:25	SS
75-15-0	<b>Carbon disulfide</b>	<b>490</b>	CCV-E , B	ug/kg dry	210	430	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:25	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	210	430	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:25	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	210	430	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:25	SS
75-00-3	Chloroethane	ND		ug/kg dry	210	430	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:25	SS
67-66-3	Chloroform	ND		ug/kg dry	210	430	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:25	SS
74-87-3	Chloromethane	ND		ug/kg dry	210	430	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:25	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	210	430	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:25	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	210	430	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:25	SS
110-82-7	Cyclohexane	ND		ug/kg dry	210	430	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/07/2020 12:30	07/08/2020 06:25	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	210	430	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/07/2020 12:30	07/08/2020 06:25	SS
74-95-3	Dibromomethane	ND		ug/kg dry	210	430	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/07/2020 12:30	07/08/2020 06:25	SS



### Sample Information

**Client Sample ID:** EP11 9-10'

**York Sample ID:** 20G0055-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0055

PRMC2001

Soil

June 30, 2020 1:16 pm

07/01/2020

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**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
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	210	430	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/07/2020 12:30	07/08/2020 06:25	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	210	430	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:25	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	210	430	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/07/2020 12:30	07/08/2020 06:25	SS
98-82-8	<b>Isopropylbenzene</b>	<b>660</b>		ug/kg dry	210	430	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:25	SS
79-20-9	Methyl acetate	ND		ug/kg dry	210	430	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/07/2020 12:30	07/08/2020 06:25	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	210	430	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:25	SS
108-87-2	<b>Methylcyclohexane</b>	<b>940</b>		ug/kg dry	210	430	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/07/2020 12:30	07/08/2020 06:25	SS
75-09-2	Methylene chloride	ND		ug/kg dry	430	850	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:25	SS
104-51-8	<b>n-Butylbenzene</b>	<b>1600</b>		ug/kg dry	210	430	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:25	SS
103-65-1	<b>n-Propylbenzene</b>	<b>1400</b>		ug/kg dry	210	430	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:25	SS
95-47-6	o-Xylene	ND		ug/kg dry	210	430	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/07/2020 12:30	07/08/2020 06:25	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	430	850	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/07/2020 12:30	07/08/2020 06:25	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	210	430	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:25	SS
135-98-8	<b>sec-Butylbenzene</b>	<b>1400</b>		ug/kg dry	210	430	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:25	SS
100-42-5	Styrene	ND		ug/kg dry	210	430	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:25	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	210	2100	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/07/2020 12:30	07/08/2020 06:25	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	210	430	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:25	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	210	430	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:25	SS
108-88-3	Toluene	ND		ug/kg dry	210	430	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:25	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	210	430	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:25	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	210	430	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:25	SS
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	210	430	100	EPA 8260C Certifications: CTDOH	07/07/2020 12:30	07/08/2020 06:25	SS





## Sample Information

**Client Sample ID:** EP11 9-10'

**York Sample ID:** 20G0055-11

<u>York Project (SDG) No.</u> 20G0055	<u>Client Project ID</u> PRMC2001	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 30, 2020 1:16 pm	<u>Date Received</u> 07/01/2020
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**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**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
79-01-6	Trichloroethylene	ND		ug/kg dry	210	430	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:25	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	210	430	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:25	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	210	430	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:25	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	640	1300	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:25	SS
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	102 %			77-125						
2037-26-5	Surrogate: SURRE: Toluene-d8	99.8 %			85-120						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	113 %			76-130						

**Semi-Volatiles, CP-51 (formerly STARS) List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	1800		ug/kg dry	48	97	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 17:16	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	48	97	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 17:16	KH
120-12-7	Anthracene	780		ug/kg dry	48	97	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 17:16	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	48	97	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 17:16	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	48	97	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 17:16	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	48	97	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 17:16	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	48	97	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 17:16	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	48	97	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 17:16	KH
218-01-9	Chrysene	ND		ug/kg dry	48	97	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 17:16	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	48	97	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 17:16	KH
206-44-0	Fluoranthene	220		ug/kg dry	48	97	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 17:16	KH
86-73-7	Fluorene	3700		ug/kg dry	240	480	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/08/2020 13:20	KH



### Sample Information

<b>Client Sample ID:</b> EP11 9-10'					<b>York Sample ID:</b> 20G0055-11
<u>York Project (SDG) No.</u> 20G0055	<u>Client Project ID</u> PRMC2001	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 30, 2020 1:16 pm	<u>Date Received</u> 07/01/2020	

#### Semi-Volatiles, CP-51 (formerly STARS) List

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	48	97	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 17:16	KH
91-20-3	Naphthalene	10000		ug/kg dry	240	480	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/08/2020 13:20	KH
85-01-8	Phenanthrene	6900		ug/kg dry	240	480	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/08/2020 13:20	KH
129-00-0	Pyrene	490		ug/kg dry	48	97	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 17:16	KH
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
4165-60-0	Surrogate: SURRE: Nitrobenzene-d5	275 %	S-08		22-108						
321-60-8	Surrogate: SURRE: 2-Fluorobiphenyl	87.4 %			21-113						
1718-51-0	Surrogate: SURRE: Terphenyl-d14	103 %			24-116						

#### Total Solids

#### Log-in Notes:

#### 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	85.4		%	0.100	1	SM 2540G Certifications: CTDOH	07/06/2020 12:14	07/07/2020 08:21	WJM

### Sample Information

<b>Client Sample ID:</b> EP12 9-10'					<b>York Sample ID:</b> 20G0055-12
<u>York Project (SDG) No.</u> 20G0055	<u>Client Project ID</u> PRMC2001	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 30, 2020 1:18 pm	<u>Date Received</u> 07/01/2020	

#### Volatile Organics, 8260 - Comprehensive

#### Log-in Notes:

#### 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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	200	410	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:51	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	200	410	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:51	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	200	410	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:51	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	200	410	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:51	SS



### Sample Information

**Client Sample ID:** EP12 9-10'

**York Sample ID:** 20G0055-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0055

PRMC2001

Soil

June 30, 2020 1:18 pm

07/01/2020

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**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
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	200	410	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:51	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	200	410	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:51	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	200	410	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:51	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	200	410	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/07/2020 12:30	07/08/2020 06:51	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	200	410	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/07/2020 12:30	07/08/2020 06:51	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	200	410	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/07/2020 12:30	07/08/2020 06:51	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	200	410	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:51	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	200	410	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:51	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	200	410	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:51	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	200	410	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:51	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	200	410	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:51	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	200	410	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:51	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	200	410	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:51	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	200	410	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:51	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	200	410	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:51	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	4100	8100	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/07/2020 12:30	07/08/2020 06:51	SS
78-93-3	2-Butanone	ND		ug/kg dry	200	410	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:51	SS
591-78-6	2-Hexanone	ND		ug/kg dry	200	410	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:51	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	200	410	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:51	SS
67-64-1	Acetone	ND		ug/kg dry	410	810	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:51	SS
107-02-8	Acrolein	ND		ug/kg dry	410	810	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:51	SS



### Sample Information

**Client Sample ID:** EP12 9-10'

**York Sample ID:** 20G0055-12

<u>York Project (SDG) No.</u> 20G0055	<u>Client Project ID</u> PRMC2001	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 30, 2020 1:18 pm	<u>Date Received</u> 07/01/2020
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**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**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
107-13-1	Acrylonitrile	ND		ug/kg dry	200	410	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:51	SS
71-43-2	Benzene	ND		ug/kg dry	200	410	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:51	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	200	410	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/07/2020 12:30	07/08/2020 06:51	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	200	410	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:51	SS
75-25-2	Bromoform	ND		ug/kg dry	200	410	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:51	SS
74-83-9	Bromomethane	ND		ug/kg dry	200	410	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:51	SS
75-15-0	<b>Carbon disulfide</b>	<b>470</b>	CCV-E , B	ug/kg dry	200	410	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:51	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	200	410	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:51	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	200	410	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:51	SS
75-00-3	Chloroethane	ND		ug/kg dry	200	410	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:51	SS
67-66-3	Chloroform	ND		ug/kg dry	200	410	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:51	SS
74-87-3	Chloromethane	ND		ug/kg dry	200	410	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:51	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	200	410	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:51	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	200	410	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:51	SS
110-82-7	Cyclohexane	ND		ug/kg dry	200	410	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/07/2020 12:30	07/08/2020 06:51	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	200	410	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/07/2020 12:30	07/08/2020 06:51	SS
74-95-3	Dibromomethane	ND		ug/kg dry	200	410	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/07/2020 12:30	07/08/2020 06:51	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	200	410	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/07/2020 12:30	07/08/2020 06:51	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	200	410	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:51	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	200	410	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/07/2020 12:30	07/08/2020 06:51	SS
98-82-8	<b>Isopropylbenzene</b>	<b>230</b>	J	ug/kg dry	200	410	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:51	SS
79-20-9	Methyl acetate	ND		ug/kg dry	200	410	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/07/2020 12:30	07/08/2020 06:51	SS



### Sample Information

**Client Sample ID:** EP12 9-10'

**York Sample ID:** 20G0055-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0055

PRMC2001

Soil

June 30, 2020 1:18 pm

07/01/2020

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**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
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	200	410	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:51	SS
108-87-2	<b>Methylcyclohexane</b>	<b>270</b>	J	ug/kg dry	200	410	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/07/2020 12:30	07/08/2020 06:51	SS
75-09-2	Methylene chloride	ND		ug/kg dry	410	810	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:51	SS
104-51-8	<b>n-Butylbenzene</b>	<b>690</b>		ug/kg dry	200	410	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:51	SS
103-65-1	<b>n-Propylbenzene</b>	<b>550</b>		ug/kg dry	200	410	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:51	SS
95-47-6	o-Xylene	ND		ug/kg dry	200	410	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/07/2020 12:30	07/08/2020 06:51	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	410	810	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	07/07/2020 12:30	07/08/2020 06:51	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	200	410	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:51	SS
135-98-8	<b>sec-Butylbenzene</b>	<b>710</b>		ug/kg dry	200	410	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:51	SS
100-42-5	Styrene	ND		ug/kg dry	200	410	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:51	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	200	2000	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/07/2020 12:30	07/08/2020 06:51	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	200	410	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:51	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	200	410	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:51	SS
108-88-3	Toluene	ND		ug/kg dry	200	410	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:51	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	200	410	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:51	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	200	410	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:51	SS
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	200	410	100	EPA 8260C Certifications: CTDOH	07/07/2020 12:30	07/08/2020 06:51	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	200	410	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:51	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	200	410	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:51	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	200	410	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:51	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	610	1200	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	07/07/2020 12:30	07/08/2020 06:51	SS

Surrogate Recoveries

Result

Acceptance Range



### Sample Information

**Client Sample ID:** EP12 9-10'

**York Sample ID:** 20G0055-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0055

PRMC2001

Soil

June 30, 2020 1:18 pm

07/01/2020

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**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
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	101 %			77-125						
2037-26-5	Surrogate: SURRE: Toluene-d8	99.1 %			85-120						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	100 %			76-130						

**Semi-Volatiles, CP-51 (formerly STARS) List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	<b>Acenaphthene</b>	<b>260</b>		ug/kg dry	46	92	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 17:45	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	46	92	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 17:45	KH
120-12-7	<b>Anthracene</b>	<b>180</b>		ug/kg dry	46	92	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 17:45	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	46	92	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 17:45	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	46	92	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 17:45	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	46	92	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 17:45	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	46	92	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 17:45	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	46	92	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 17:45	KH
218-01-9	Chrysene	ND		ug/kg dry	46	92	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 17:45	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	46	92	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 17:45	KH
206-44-0	Fluoranthene	ND		ug/kg dry	46	92	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 17:45	KH
86-73-7	<b>Fluorene</b>	<b>600</b>		ug/kg dry	46	92	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 17:45	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	46	92	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 17:45	KH
91-20-3	<b>Naphthalene</b>	<b>1300</b>		ug/kg dry	46	92	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 17:45	KH
85-01-8	<b>Phenanthrene</b>	<b>1100</b>		ug/kg dry	46	92	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 17:45	KH
129-00-0	<b>Pyrene</b>	<b>140</b>		ug/kg dry	46	92	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/06/2020 18:30	07/07/2020 17:45	KH

Surrogate Recoveries

Result

Acceptance Range



**Sample Information**

**Client Sample ID:** EP12 9-10'

**York Sample ID:** 20G0055-12

<u>York Project (SDG) No.</u> 20G0055	<u>Client Project ID</u> PRMC2001	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 30, 2020 1:18 pm	<u>Date Received</u> 07/01/2020
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**Semi-Volatiles, CP-51 (formerly STARS) List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	110 %	S-08		22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	73.2 %			21-113						
1718-51-0	Surrogate: SURR: Terphenyl-d14	87.4 %			24-116						

**Total Solids**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

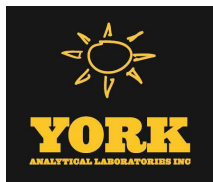
CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	89.5		%	0.100	1	SM 2540G Certifications: CTDOH	07/06/2020 12:14	07/07/2020 08:21	WJM



### Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
20G0055-01	EP01 12-13'	40mL Vial with Stir Bar-Cool 4° C
20G0055-02	EP02 9-10'	40mL Vial with Stir Bar-Cool 4° C
20G0055-03	EP03 9-10'	40mL Vial with Stir Bar-Cool 4° C
20G0055-04	EP04 12-13'	40mL Vial with Stir Bar-Cool 4° C
20G0055-05	EP05 12-13'	40mL Vial with Stir Bar-Cool 4° C
20G0055-06	EP06 10-11'	40mL Vial with Stir Bar-Cool 4° C
20G0055-07	EP07 9-10'	40mL Vial with Stir Bar-Cool 4° C
20G0055-08	EP08 9-10'	40mL Vial with Stir Bar-Cool 4° C
20G0055-09	EP09 9-10'	40mL Vial with Stir Bar-Cool 4° C
20G0055-10	EP10 9-10'	40mL Vial with Stir Bar-Cool 4° C
20G0055-11	EP11 9-10'	40mL Vial with Stir Bar-Cool 4° C
20G0055-12	EP12 9-10'	40mL Vial with Stir Bar-Cool 4° C





## Sample and Data Qualifiers Relating to This Work Order

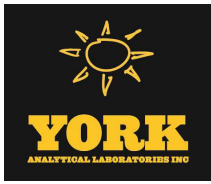
- S-08 The recovery of this surrogate was outside of QC limits.
- S-03 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. This effect was confirmed by reanalysis.
- QL-02 This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
- 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.
- CCV-E The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
- B Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

### 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.

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YORK Analytical Laboratories, Inc.  
 120 Research Drive  
 Stratford, CT 06615  
 clientservices@yorklab.com  
 www.yorklab.com

# Field Chain-of-Custody Record

YORK Project No.  
 20G0055

Page 1 of 2

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

<b>YOUR Information</b>		<b>Report To:</b>		<b>Invoice To:</b>		<b>YOUR Project Number</b>		<b>Turn-Around Time</b>	
Company: Castleton Environmental	Company: SAME	Company: SAME	Company: PRMC2001	Company: SAME	Company: PRMC2001	Company: PRMC2001	Company: PRMC2001	RUSH - Next Day	<input type="checkbox"/>
Address: 54 George Street Babylon NY	Address: SAME	Address: SAME	Address: SAME	Address: SAME	Address: SAME	Address: SAME	Address: PRMC2001	RUSH - Two Day	<input type="checkbox"/>
Phone: 631-482-1818	Phone: 2	Phone: 2	Phone: 2	Phone: 2	Phone: 2	Phone: 2	Phone: 2	RUSH - Three Day	<input type="checkbox"/>
Contact: Daren Murphy	Contact: 2	Contact: 2	Contact: 2	Contact: 2	Contact: 2	Contact: 2	Contact: 2	RUSH - Four Day	<input type="checkbox"/>
E-mail: Daren.McCaster@env.com	E-mail: 2	E-mail: 2	E-mail: 2	E-mail: 2	E-mail: 2	E-mail: 2	E-mail: 2	Standard (5-7 Day)	<input checked="" type="checkbox"/>

<b>YOUR Information</b>		<b>Report To:</b>		<b>Invoice To:</b>		<b>YOUR Project Number</b>		<b>Turn-Around Time</b>	
Company: Castleton Environmental	Company: SAME	Company: SAME	Company: PRMC2001	Company: SAME	Company: PRMC2001	Company: PRMC2001	Company: PRMC2001	RUSH - Next Day	<input type="checkbox"/>
Address: 54 George Street Babylon NY	Address: SAME	Address: SAME	Address: SAME	Address: SAME	Address: SAME	Address: SAME	Address: PRMC2001	RUSH - Two Day	<input type="checkbox"/>
Phone: 631-482-1818	Phone: 2	Phone: 2	Phone: 2	Phone: 2	Phone: 2	Phone: 2	Phone: 2	RUSH - Three Day	<input type="checkbox"/>
Contact: Daren Murphy	Contact: 2	Contact: 2	Contact: 2	Contact: 2	Contact: 2	Contact: 2	Contact: 2	RUSH - Four Day	<input type="checkbox"/>
E-mail: Daren.McCaster@env.com	E-mail: 2	E-mail: 2	E-mail: 2	E-mail: 2	E-mail: 2	E-mail: 2	E-mail: 2	Standard (5-7 Day)	<input checked="" type="checkbox"/>

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
EP01 12-13'	S	6/30/20 10:45	VOC 8260 Full List, SVOC 8270 CP-51 LIST	TERRA KIT # 402
EP02 9-10'		6/30/20 12:55		
EP03 9-10'		6/30/20 12:58		
EP04 12-13'		6/30/20 1:00		
EP05 12-13'		6/30/20 1:02		
EP06 12-13' 10-11' (DM)		6/30/20 1:07		
EP07 9-10'		6/30/20 1:09		
EP08 9-10'		6/30/20 1:11		
EP09 9-10'		6/30/20 1:14		
EP10 9-10'		6/30/20 1:15		

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description	Special Instruction
EP01 12-13'	S	6/30/20 10:45	VOC 8260 Full List, SVOC 8270 CP-51 LIST	TERRA KIT # 402	Field Filtered Lab to Filter
EP02 9-10'		6/30/20 12:55			7-1-20 1700
EP03 9-10'		6/30/20 12:58			7-1-20 1700
EP04 12-13'		6/30/20 1:00			7-1-20 1700
EP05 12-13'		6/30/20 1:02			7-1-20 1700
EP06 12-13' 10-11' (DM)		6/30/20 1:07			7-1-20 1700
EP07 9-10'		6/30/20 1:09			7-1-20 1700
EP08 9-10'		6/30/20 1:11			7-1-20 1700
EP09 9-10'		6/30/20 1:14			7-1-20 1700
EP10 9-10'		6/30/20 1:15			7-1-20 1700



**YORK**  
ANALYTICAL LABORATORIES, INC.

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120 Research Drive  
Stratford, CT 06615  
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www.yorklab.com

# Field Chain-of-Custody Record

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No.

20G0055

Page 2 of 2

<b>YOUR INFORMATION</b>		<b>Report To:</b>		<b>Invoice To:</b>		<b>YOUR Project Number</b>	
Company: <u>Coscton Environmental</u>	Company:	Company:	YOUR Project Number <u>PRMC2001</u>		Turn-Around Time		
Address: <u>54 George Street</u> <u>Babylon, N.Y.</u>	Address:	Address:	YOUR Project Name <u>PRMC2001</u>		RUSH - Next Day		
Phone: <u>631-482-1818</u>	Phone:	Phone:	YOUR PO#:		RUSH - Two Day		
Contact: <u>Daren Murphy</u>	Contact:	Contact:			RUSH - Three Day		
E-mail: <u>DarenM@castletonny.com</u>	E-mail:	E-mail:			RUSH - Four Day		
						Standard (5-7 Day)	

Please 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.

Daren Murphy  
Samples Collected by: (print your name above and sign below)  
Daren Murphy

Matrix Codes	Matrix	Sample Matrix	Sample Matrix	Date/Time Sampled	Report / EDD Type (circle selections)	YORK Reg. Comp.
<input checked="" type="checkbox"/> S - soil / solid	<input type="checkbox"/> New York	<input checked="" type="checkbox"/> Summary Report	<input type="checkbox"/> CT RCP	Standard Excel EDD	Compared to the following Regulation(s): (please fill in)	
<input type="checkbox"/> GW - groundwater	<input type="checkbox"/> New Jersey	<input type="checkbox"/> QA Report	<input type="checkbox"/> CT RCP DQA/DUE	Standard		
<input type="checkbox"/> DW - drinking water	<input type="checkbox"/> Connecticut	<input type="checkbox"/> NY ASP A Package	<input type="checkbox"/> NJDEP Reduced Deliverables	EQUIS (Standard)		
<input type="checkbox"/> WW - wastewater	<input type="checkbox"/> Pennsylvania	<input type="checkbox"/> NY ASP B Package	<input type="checkbox"/> NJDKQP	NYSDEC EQUIS		
<input type="checkbox"/> O - Oil / Other	<input type="checkbox"/> Other			NJDEP SRP HazSite		

Sample Identification	Sample Matrix	Matrix	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
EP11	S	S	S	6/30/20 1:16	VOC 8260 Full List, 1502 8228 CP-BI LIST	TENEA KIT # 402
EP12	S	S	S	6/30/20 1:18		

Comments:	Preservation: (check all that apply)	Special Instruction
	HCl ___ MeOH ___ HNO <sub>3</sub> ___ H <sub>2</sub> SO <sub>4</sub> ___ NaOH ___ ZnAc ___	Field Filtered ___
	Ascorbic Acid ___ Other: ___	Lab to Filter ___
		Date/Time
Samples Relinquished by / Company <u>Daren Murphy</u> <u>Castleton</u>	Samples Relinquished by / Company	Date/Time
		7-1-20
		1700
Samples Received by / Company <u>Daren Murphy</u>	Samples Received by / Company	Date/Time
		7/1/20
Samples Relinquished by / Company	Samples Received in LAB by	Temp. Received at Lab
	<u>7/1/2020 1902</u>	<u>4.1</u>