PHASE II ENVIRONMENTAL SITE ASSESSMENT

For the property located at:

922 Main Street and 921 Diven Street
City of Peekskill
Westchester County, New York

July 21, 2015

ESI File: KP14175.20

Prepared By:

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24 Davis Avenue
Poughkeepsie, New York 12603

Prepared For:

The Kearney Realty & Development Group
1777 U.S. Route 6
Carmel, New York 10512

The undersigned has reviewed this Phase II Environmental Site Assessment and certifies to The Kearney Realty & Development Group that the information provided in this document is accurate as of the date of issuance by this office.

Any and all questions or comments, including requests for additional information, should be submitted to the undersigned.

Paul H. Ciminello
President

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1.0 INTRODUCTION

1.1 Purpose

This Phase II Environmental Site Assessment (Phase II ESA) documents environmental fieldwork performed by Ecosystems Strategies, Inc. (ESI) at the property located at 922 Main Street and 921 Diven Street, City of Peekskill, Westchester County, New York (hereafter referred to as the Site). Investigative and analytical work were performed to address potential environmental liabilities which were identified during a Phase I investigation conducted by ESI (see Section 1.4, below). The specific purpose of this Phase II ESA is to summarize the work performed by ESI and ESI's subcontractors, and to suggest, if appropriate, further investigative and/or remedial options regarding identified on-site conditions.

This Phase II ESA describes all fieldwork methodologies for the work conducted by this office, includes discussions of the resulting analytical data from collected samples, and provides conclusions and recommendations drawn from the fieldwork and analytical data. This environmental investigation is based on preliminary site conditions, relative to planned redevelopment, and will require supplemental investigative activities to satisfy application requirements for Brownfields Cleanup Program (BCP) participation (see relevant subsections below).

1.2 Limitations

This written analysis summarizes the site characterization activities conducted on a specified portion of the above-referenced property and is not relevant to other portions of this property or any other property. It is a representation of those portions of the property analyzed as of the respective dates of fieldwork. This Phase II ESA cannot be held accountable for activities or events resulting in contamination after the dates of fieldwork.

Services summarized in this Phase II ESA were performed in accordance with generally accepted practices and established New York State Department of Environmental Conservation (NYSDEC) protocols. Unless specifically noted, the findings and conclusions contained herein must be considered not as scientific certainties, but as probabilities based on professional judgement.

1.3 Site Description and History

The Site is a 0.57-acre vacant parcel with frontage along the northern side of Main Street and the southern side of Diven Street. The subject property has been used for residential, commercial, and manufacturing purposes from at least 1887 until the on-site structures were demolished in early 1990s.

No groundwater was encountered extending at the Site to maximum depths of 12 feet below surface grade (bsg). No other data documenting groundwater depth, or site-specific investigation of groundwater direction of flow, is known to exist for the property. Based on local topographic conditions, shallow groundwater flow in the vicinity of the Site is likely follow overall surficial topography and be to the west, toward the Hudson River (located approximately 0.6-mile from the property).

1.4 Previous Environmental Reports

A Phase I Environmental Site Assessment (Phase I ESA) was performed by ESI in December 2014. Provided below is a summary of the areas of potential environmental concern identified in the Phase I ESA as they pertain to the work summarized in this Phase II ESA:

- Historical on-site manufacturing activities;
- Closed spill events reported at two adjoining properties, including a registered petroleum bulk storage (PBS) facility;
- A Voluntary Cleanup Program (VCP) site (former manufactured gas plant [MGP] located approximately 150 feet to the south, which may be a source of impacted soil vapor; and,
- Presence of metal pipe protruding out of the ground in the west-central portion of the subject property, potentially related to an undocumented oil tank.

Two Geotechnical Reports prepared for the property in October 2004 document the presence of fill material down to a maximum depth of 6.5 feet bsg. Fill consisted of brick, unconsolidated soils, some asphalt and ash. No notations of chemical odors, stained soils or chemical/petroleum storage tanks were provided in the reports.

2.0 SUBSURFACE INVESTIGATION

2.1 Summary of Services

In order to achieve the purpose specified in Section 1.1, above, the following services were conducted by ESI on selected portions of the Site:

- Extended eight (8) test pits throughout the Site to a maximum depth of approximately 12 feet bsg;
- Extended five (5) manual soil borings throughout the Site and Collected soil vapor samples from each; and,
- Documented the presence or absence of contamination through sampling and laboratory analysis of soil vapor and subsurface soil samples for volatile organic compounds (VOCs), and subsurface soil samples for semi-volatile organic compounds (SVOCs), Target Analyte List (TAL) metals; pesticides; and, PCBs.

This Phase II ESA is divided into individual sections that document fieldwork methodology (Section 2.2) and laboratory results (Section 2.3), and present ESI's conclusions and recommendations (Section 3.0).

2.2 Fieldwork Methodology

2.2.1 Site Preparation Services

Prior to the initiation of fieldwork, a request for a complete utility markout of the subject property was submitted by ESI as required by New York State Department of Labor regulations.

Confirmation of underground utility locations was secured and a field check of the utility markout was conducted prior to the extension of soil borings (for soil vapor sampling) and test pits.

2.2.2 Extension of Test pits

Eight test pits were extended on the Site as follows:

- TP-01, TP-02, and TP-03 – southern portions of the Site in the vicinity of the VCP site;
- TP-04 – southern-central portion of the Site;
- TP-05 – northwestern portion of the Site in the vicinity of the northwestern adjoining PBS facility with one closed NYSDEC spill;
- TP-06 – northeastern portion of the Site;
- TP-07 – eastern-central portion of the Site in the vicinity of the eastern adjoining property with two closed NYSDEC spills; and,
- TP-08 – western-central portion of the Site.

A Fieldwork Map indicating test pit and boring locations and associated selected site features is provided in Appendix A.

Test pits were extended by personnel from Karl Mannain Excavators using a backhoe with a twelve foot reach. Sampling was conducted at each test pit location to a maximum depth of twelve feet bsg or until refusal was reached. Dedicated sampling equipment was used during the collection of each sample, consistent with established NYSDEC protocols.

A MiniRAE Lite 3000 (Model PGM 7300) photo-ionization detector (PID) was utilized by ESI personnel to screen all encountered material for the presence of any volatile organic gas where appropriate. Prior to the initiation of fieldwork, this PID was properly calibrated to read parts per million calibration gas equivalents (ppm-cge) of isobutylene in accordance with protocols set forth by the equipment manufacturer.

An assessment of subsurface soil characteristics, including soil type, the presence of foreign materials, field indications of contamination (e.g., unusual coloration patterns, or odors), and instrument indications of contamination (i.e., PID readings) was made by ESI personnel during the extension of each test pit. ESI personnel maintained independent field logs documenting physical characteristics, PID readings, and any field indications of contamination for all encountered material at each boring location.

Samples of soil material were collected from each of the test pits where appropriate (see Section 2.2.3 for specifics regarding sample collection methodology) and notations were made regarding the sampled material's physical characteristics. A sufficient volume of material was collected at each sample location for the required analyses and for potential additional analyses.

Subsurface soils encountered during the extension of test pits at the southern portions of the Site generally consisted of brown to dark brown, medium sand with cobbles and boulders. Subsurface soils encountered at the northern portions of the Site generally consisted of light brown to brown, fine sand with gravel and cobbles and boulders. With the exception of TP-05 and TP-06, debris (i.e., metallic items, asphalt, and/or brick) was encountered in each test pit at depths ranging from less than 1 foot bsg to approximately 9 feet bsg. No construction materials suspected of containing asbestos, or having painted surfaces likely to contain lead, were observed at any test pit location.

No field evidence of petroleum contamination (odors, elevated PID readings, staining), tanks, drums, or hazardous materials were noted was observed at any other test pit location. Groundwater was not encountered during the extension of the test pits.

2.2.3 Sample Collection

All soil samples collected by ESI were obtained in a manner consistent with NYSDEC sample collection and decontamination protocols. All field personnel wore dedicated, disposable gloves, and all samples were placed into laboratory supplied containers. Soil samples were collected directly from exposed areas in the test pits.

Soil vapor samples were collected from manual soil borings that were extended using a hand-held Geoprobe. An air-stone attached to ¼" Teflon tubing was inserted into the invert of the borings which were then sealed using a non-VOC containing caulk in order to prevent the infiltration of surface air. Each soil-gas boring was purged for at least a period of five minutes, using a GilAir 3 air-sampling pump, at a rate of approximately 0.2 liters/minute. Soil-gas samples were collected into laboratory-supplied 2.7 Liter Summa Canisters equipped with 0.2 liter/minute flow controllers.

All soil samples were placed in a cooler immediately after sample collection and were maintained at cold temperatures prior to transport to the laboratory. Soil and soil vapor samples were transported the following day via courier to New York State Department of Health-certified laboratories, York Analytical Laboratories, Inc., a (ELAP Certification Number 10854) and Alpha Analytical (ELAP Certification Number 11627), respectively, for chemical analysis. Appropriate chain-of-custody procedures were followed.

2.3 Laboratory Analysis

2.3.1 Guidance Levels

The term "guidance level", as defined in this Phase II ESA, refers to the concentration of a particular contaminant above which remedial actions are considered more likely. The overall objective of setting guidance levels is to assess the integrity of on-site soils relative to conditions which are likely to present a threat to public health or the environment, given the existing and probable future uses of the Site. On-site soils with contaminant levels exceeding these guidance levels are considered more likely to warrant remediation. No independent risk assessment was performed as part of this investigation.

The guidance levels identified in this Phase II ESA for analytes detected in soils are based on NYSDEC Remedial Program Soil Cleanup Objectives (SCOs) for Unrestricted Use (UUSCOs) as provided in 6 NYCRR Subpart 375, Table 375-6.8(a), and on Soil Cleanup Levels (for gasoline and fuel oil contaminated Soils) presented in NYSDEC CP-51 (Soil Cleanup Guidance, October 2010) Tables 2 through 3. Guidance levels for analytes detected in soils are also compared to Restricted Use, "Restricted-Residential" SCOs (RRUSCOs) as provided in Table 375-6.8(b) and Supplemental Soil Cleanup Objectives presented in NYSDEC CP-51, Table 1.

No official guidance levels exist for VOCs in soil vapor. Relatively high concentrations of VOCs in soil vapor are noted in the report text and in data summary tables, as warranted, in order to facilitate a discussion of investigative findings.

All data presented in this Phase II ESA have been analyzed in accordance with applicable guidance levels.

2.3.2 Sample Submission

Submission of samples for laboratory analysis was based on observations made by ESI personnel during the extension of the soil borings, including the presence or absence of elevated PID readings, unusual odors, discoloration, or, any other unusual patterns. A sufficient number of samples were submitted for analysis to provide a general screening of the property.

Soil samples were analyzed as follows:

- TP-01 through TP-08 – TAL metals using USEPA Methods 6010/7473;
- TP-01, TP-02, TP-04, and TP-05 – SVOCs (polycyclic aromatic hydrocarbons [PAHs] only) using USEPA Method 8270;
- TP-03, TP-04, and TP-07 – VOCs using USEPA Method 8260; and,
- TP-03, TP-06, and TP-08 – pesticides and PCBs using USEPA Methods 8081 and 8082, respectively.

Soil vapor samples were analyzed for VOCs using USEPA Method TO-15.

2.3.3 Laboratory Results

A summary of the results of the laboratory analyses conducted on soil and soil vapor samples is presented below. Data summary tables and the laboratory reports are provided in Appendices B and C, respectively, recommendations regarding these findings are located in Section 3.0.

Soil

VOCs

No VOCs were detected in any soil samples submitted for analysis.

SVOCs

The following SVOCs were detected at concentrations above SCOs:

- Benzo(a)anthracene (RRUSCO 1 ppm) was detected in TP-04 at 2.67 ppm.
- Benzo(a)pyrene (RRUSCO 1 ppm) was detected in TP-04 at 1.11 ppm.
- Benzo(k)fluoranthene (RRUSCO 0.8 ppm) was detected in TP-04 at 1.21 ppm.
- Chrysene (UUSCO 1 ppm) was detected in TP-02 and TP-04 at 1.01 ppm and 2.75 ppm, respectively.
- Indeno(1,2,3-cd)pyrene (RRUSCO 0.5 ppm) was detected in TP-04 at 0.709 ppm.

No other SVOCs were detected at concentrations above UUSCOs. Trace and low-level concentrations of SVOCs were detected each of the soil samples submitted for analysis.

Pesticides

The following pesticides were detected at concentrations above UUSCO guidance levels:

- 4,4'-DDD (UUSCO 0.0033 ppm) was detected in TP-03 at 0.00524 ppm.
- 4,4'-DDT (UUSCO 0.0033 ppm) was detected in TP-03 and TP-08 at 0.021 ppm and 0.0318 ppm, respectively.
- Alpha chlordane (UUSCO 0.094 ppm) was detected in TP-08 at 0.146 ppm.

No other pesticides were detected at concentrations above UUSCOs. Trace and low-levels of alpha and/or gamma chlordane were detected in each of the soil samples submitted for analysis.

PCBs

No PCBs were detected in any soil samples submitted for analysis.

Metals

Elevated levels of TAL metals were detected at each of the test pits extended at the Site. Iron was detected above RRUSCOs at each test pit and arsenic, lead, copper, and/or mercury were detected at concentrations above RRUSCOs in all test pits, with the exception of TP-05 and TP-06. Chromium, nickel, and zinc were also detected above UUSCOs in soil samples submitted for analysis. A full description of guidance level exceedances is provided in the Appendices A and B.

Soil Vapor

VOCs

No VOCs were detected at elevated concentrations in any of the soil vapor samples submitted for analysis. Trace and low-level concentrations of aliphatic (e.g., n-hexane, heptane) and aromatic (e.g., 1,2,4-trimethylbenzene, toluene) hydrocarbons were detected in each of the soil vapor samples submitted for analysis.

3.0 CONCLUSIONS

This office has completed the services summarized in Section 2.0 on specified portions of the property located at 922 Main Street and 921 Diven Street, City of Peekskill, Westchester County, New York. Services included the extension of eight (8) test pits at the Site and collection of soil and soil vapor samples to document the presence or absence of subsurface soil contamination resulting from historical site usage, spills reported for adjoining properties, a nearby VCP site, and/or on-site subsurface fill/debris materials.

Based on the services provided and data generated, the following conclusions and recommendations (in **bold**) have been made.

Test pits were extended to maximum depths of approximately 12 feet bsg throughout the Site to document the presence or absence of subsurface contamination. Laboratory data document an absence of VOCs in soil samples collected at the Site. Elevated concentrations of SVOCs, pesticides, and/or metals were detected in soil samples and low-level concentrations of a variety of aliphatic and aromatic VOCs were detected in soil vapor samples collected throughout the Site.

Observations made during fieldwork activities indicate the presence of buried debris consisting of brick, metallic materials, and building materials. With the exception of the northern portions of the Site, fill materials and debris were identified in each test pit at depths ranging from surface elevations to approximately 9 feet below grade. No field evidence of petroleum contamination (odors, elevated PID readings, staining), tanks, drums, or hazardous materials were noted; however, metallic and painted materials, and possibly pesticides, are likely sources of elevated metals concentrations. Groundwater was not encountered during the extension of any test pits.

Metal contamination is present throughout the subject property, with peak concentrations at the southern and central portions of the property (also the location of elevated SVOC and pesticide levels). These findings suggest that some on-site soils will require management as regulated waste.

APPENDIX A

Fieldwork Map

Ecosystems Strategies, Inc.

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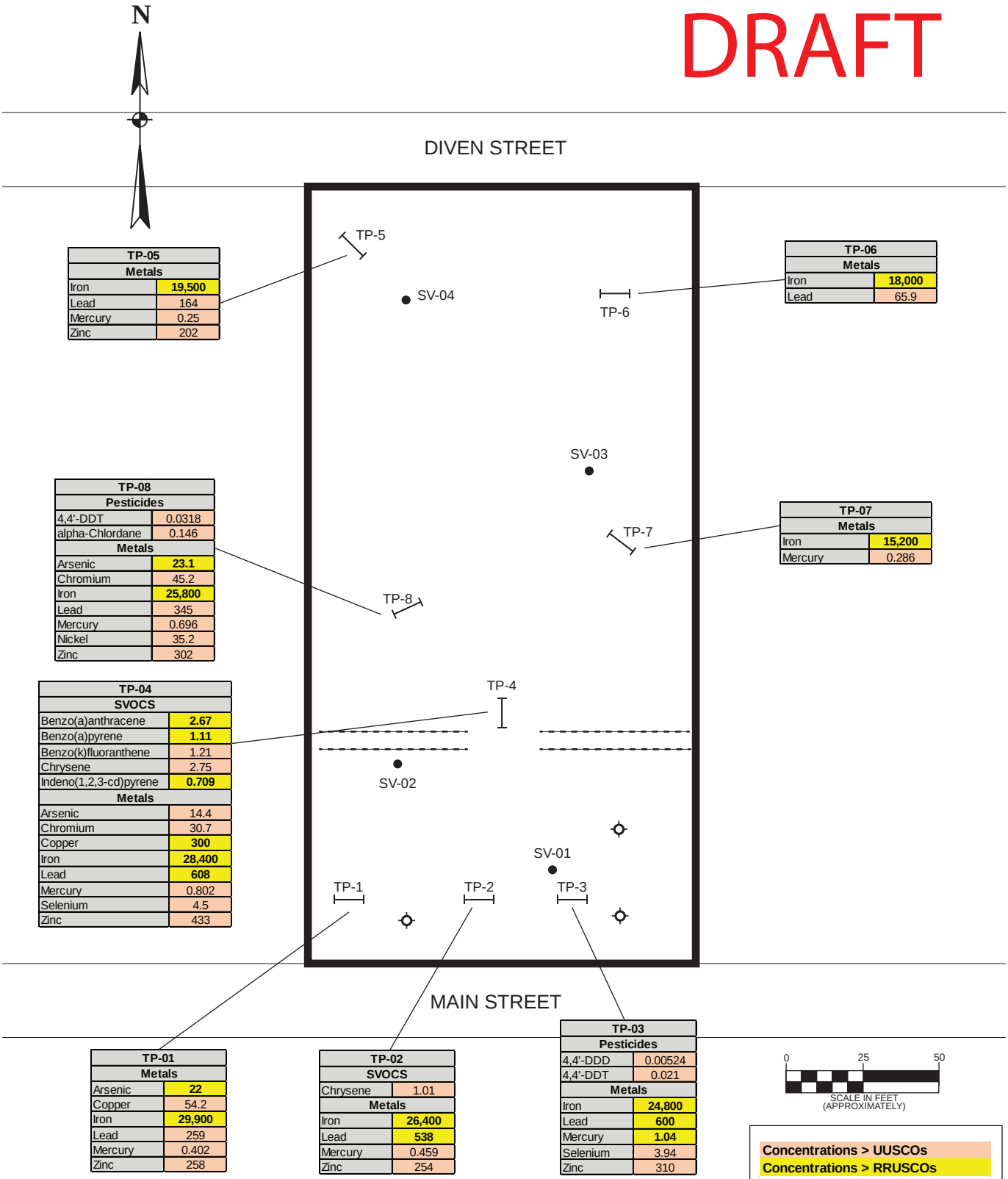

TP-05	
Metals	
Iron	**19,500**
Lead	164
Mercury	0.25
Zinc	202

TP-06	
Metals	
Iron	**18,000**
Lead	65.9

TP-08	
Pesticides	
4,4'-DDT	0.0318
alpha-Chlordane	0.146
Metals	
Arsenic	**23.1**
Chromium	45.2
Iron	**25,800**
Lead	345
Mercury	0.696
Nickel	35.2
Zinc	302

TP-07	
Metals	
Iron	**15,200**
Mercury	0.286

TP-04	
SVOCS	
Benzo(a)anthracene	**2.67**
Benzo(a)pyrene	**1.11**
Benzo(k)fluoranthene	1.21
Chrysene	2.75
Indeno(1,2,3-cd)pyrene	**0.709**
Metals	
Arsenic	14.4
Chromium	30.7
Copper	**300**
Iron	**28,400**
Lead	**608**
Mercury	0.802
Selenium	4.5
Zinc	433

TP-01	
Metals	
Arsenic	**22**
Copper	54.2
Iron	**29,900**
Lead	259
Mercury	0.402
Zinc	258

TP-02	
SVOCS	
Chrysene	1.01
Metals	
Iron	**26,400**
Lead	**538**
Mercury	0.459
Zinc	254

TP-03	
Pesticides	
4,4'-DDD	0.00524
4,4'-DDT	0.021
Metals	
Iron	**24,800**
Lead	**600**
Mercury	**1.04**
Selenium	3.94
Zinc	310

Concentrations > UUSCOs
Concentrations > RRUSCOs
(all results in parts per million)

All feature locations are approximate. This map is intended as a schematic to be used in conjunction with the associated report, and it should not be relied upon as a survey for planning or other activities.

Fieldwork Map

922 Main Street and 921 Diven Street
City of Peekskill
Westchester County, New York

Legend:
- subject property border
- approximate location of concrete & rebar
- approximate location of Geothermal wells
- test pit location
- soil vapor location

ESI File: KP14175.20
July 2015
Scale as shown
Appendix A

APPENDIX B

Data Summary Tables

Table 1: VOCs in Soils

Ecosystems Strategies, Inc.

ESI File: KP14175.20

All data in mg/Kg (parts per million, ppm)		**Sample ID**	**TP-03**		**TP-04**		**TP-07**	
U= Not Detected at or above indicated value		Sample Date	(2015-06-22)		(2015-06-22)		(2015-06-22)	
Data above SCOs shown in **Bold**		Dilution Factor	1		1		1	
VOCs, 8260	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1,1,2-Tetrachloroethane	NA	NA	0.0029	*U*	0.0029	*U*	0.0025	*U*
1,1,1-Trichloroethane	0.68	100	0.0029	*U*	0.0029	*U*	0.0025	*U*
1,1,2,2-Tetrachloroethane	NA	NA	0.0029	*U*	0.0029	*U*	0.0025	*U*
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	NA	0.0029	*U*	0.0029	*U*	0.0025	*U*
1,1,2-Trichloroethane	NA	NA	0.0029	*U*	0.0029	*U*	0.0025	*U*
1,1-Dichloroethane	0.27	26	0.0029	*U*	0.0029	*U*	0.0025	*U*
1,1-Dichloroethylene (1,1-DCE)	0.33	100	0.0029	*U*	0.0029	*U*	0.0025	*U*
1,2,3-Trichlorobenzene	NA	NA	0.0029	*U*	0.0029	*U*	0.0025	*U*
1,2,3-Trichloropropane	NA	NA	0.0029	*U*	0.0029	*U*	0.0025	*U*
1,2,4-Trichlorobenzene	NA	NA	0.0029	*U*	0.0029	*U*	0.0025	*U*
1,2,4-Trimethylbenzene	3.6	52	0.0029	*U*	0.0029	*U*	0.0025	*U*
1,2-Dibromo-3-chloropropane	NA	NA	0.0029	*U*	0.0029	*U*	0.0025	*U*
1,2-Dibromoethane	NA	NA	0.0029	*U*	0.0029	*U*	0.0025	*U*
1,2-Dichlorobenzene	1.1	100	0.0029	*U*	0.0029	*U*	0.0025	*U*
1,2-Dichloroethane	0.2	31	0.0029	*U*	0.0029	*U*	0.0025	*U*
1,2-Dichloropropane	NA	NA	0.0029	*U*	0.0029	*U*	0.0025	*U*
1,3,5-Trimethylbenzene	8.4	52	0.0029	*U*	0.0029	*U*	0.0025	*U*
1,3-Dichlorobenzene	2.4	49	0.0029	*U*	0.0029	*U*	0.0025	*U*
1,4-Dichlorobenzene	1.8	13	0.0029	*U*	0.0029	*U*	0.0025	*U*
1,4-Dioxane	0.1	13	0.059	*U*	0.057	*U*	0.05	*U*
2-Butanone (MEK)	0.12	100	0.0029	*U*	0.0029	*U*	0.0025	*U*
2-Hexanone	NA	NA	0.0029	*U*	0.0029	*U*	0.0025	*U*
4-Methyl-2-pentanone	NA	NA	0.0029	*U*	0.0029	*U*	0.0025	*U*
Acetone	0.05	100	0.0059	*U*	0.0057	*U*	0.005	*U*
Acrolein	NA	NA	0.0059	*U*	0.0057	*U*	0.005	*U*
Acrylonitrile	NA	NA	0.0029	*U*	0.0029	*U*	0.0025	*U*
Benzene	0.06	48	0.0029	*U*	0.0029	*U*	0.0025	*U*
Bromochloromethane	NA	NA	0.0029	*U*	0.0029	*U*	0.0025	*U*
Bromodichloromethane	NA	NA	0.0029	*U*	0.0029	*U*	0.0025	*U*
Bromoform	NA	NA	0.0029	*U*	0.0029	*U*	0.0025	*U*
Bromomethane	NA	NA	0.0029	*U*	0.0029	*U*	0.0025	*U*
Carbon disulfide	NA	100	0.0029	*U*	0.0029	*U*	0.0025	*U*
Carbon tetrachloride	0.76	24	0.0029	*U*	0.0029	*U*	0.0025	*U*
Chlorobenzene	1.1	100	0.0029	*U*	0.0029	*U*	0.0025	*U*
Chloroethane	NA	NA	0.0029	*U*	0.0029	*U*	0.0025	*U*
Chloroform	0.37	49	0.0029	*U*	0.0029	*U*	0.0025	*U*
Chloromethane	NA	NA	0.0029	*U*	0.0029	*U*	0.0025	*U*
cis-1,2-Dichloroethylene (cis-DCE)	0.25	100	0.0029	*U*	0.0029	*U*	0.0025	*U*
cis-1,3-Dichloropropylene	NA	NA	0.0029	*U*	0.0029	*U*	0.0025	*U*
Cyclohexane	NA	NA	0.0029	*U*	0.0029	*U*	0.0025	*U*
Dibromochloromethane	NA	NA	0.0029	*U*	0.0029	*U*	0.0025	*U*
Dibromomethane	NA	NA	0.0029	*U*	0.0029	*U*	0.0025	*U*
Dichlorodifluoromethane	NA	NA	0.0029	*U*	0.0029	*U*	0.0025	*U*
Ethyl Benzene	1	41	0.0029	*U*	0.0029	*U*	0.0025	*U*
Hexachlorobutadiene	NA	NA	0.0029	*U*	0.0029	*U*	0.0025	*U*
Isopropylbenzene	2.3	100	0.0029	*U*	0.0029	*U*	0.0025	*U*
Methyl acetate	NA	NA	0.0029	*U*	0.0029	*U*	0.0025	*U*
Methyl tert-butyl ether (MTBE)	0.93	100	0.0029	*U*	0.0029	*U*	0.0025	*U*
Methylcyclohexane	NA	NA	0.0029	*U*	0.0029	*U*	0.0025	*U*
Methylene chloride	0.05	500	0.0059	*U*	0.0057	*U*	0.005	*U*
n-Butylbenzene	12	100	0.0029	*U*	0.0029	*U*	0.0025	*U*
n-Propylbenzene	3.9	100	0.0029	*U*	0.0029	*U*	0.0025	*U*
o-Xylene	0.26	100	0.0029	*U*	0.0029	*U*	0.0025	*U*
p- & m- Xylenes	0.26	100	0.0059	*U*	0.0057	*U*	0.005	*U*
p-Isopropyltoluene	10	NA	0.0029	*U*	0.0029	*U*	0.0025	*U*
sec-Butylbenzene	11	100	0.0029	*U*	0.0029	*U*	0.0025	*U*
Styrene	NA	NA	0.0029	*U*	0.0029	*U*	0.0025	*U*
tert-Butyl alcohol (TBA)	NA	NA	0.0029	*U*	0.0029	*U*	0.0025	*U*
tert-Butylbenzene	5.9	100	0.0029	*U*	0.0029	*U*	0.0025	*U*
Tetrachloroethylene (PCE)	1.3	19	0.0029	*U*	0.0029	*U*	0.0025	*U*
Toluene	0.7	100	0.0029	*U*	0.0029	*U*	0.0025	*U*
trans-1,2-Dichloroethylene (trans-DCE)	0.19	100	0.0029	*U*	0.0029	*U*	0.0025	*U*
trans-1,3-Dichloropropylene	NA	NA	0.0029	*U*	0.0029	*U*	0.0025	*U*
Trichloroethylene (TCE)	0.47	21	0.0029	*U*	0.0029	*U*	0.0025	*U*
Trichlorofluoromethane	NA	NA	0.0029	*U*	0.0029	*U*	0.0025	*U*
Vinyl chloride (VC)	NA	0.9	0.0029	*U*	0.0029	*U*	0.0025	*U*
Xylenes, Total	0.26	100	0.0088	*U*	0.0086	*U*	0.0076	*U*

Detected Concentrations
Concentrations > UUSCOs
Concentrations > RRUSCOs

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 2: SVOCs (PAHs) in Soils

Ecosystems Strategies, Inc.

ESI File: KP14175.20

All data in mg/Kg (parts per million, ppm)		**Sample ID**	**TP-01**		**TP-02**		**TP-04**	
U= Not Detected at or above indicated value		Sample Date	(2015-06-22)		(2015-06-22)		(2015-06-22)	
Data above SCOs shown in Bold		Dilution Factor	5		5		10	
SVOCs, 8270	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
2-Methylnaphthalene	NA	0.41	0.179	*U*	0.185	*U*	0.365	*U*
Acenaphthene	20	100	0.179	*U*	0.185	*U*	0.365	*U*
Acenaphthylene	100	100	0.179	*U*	0.248	*JD*	0.365	*U*
Anthracene	100	100	0.179	*U*	0.185	*U*	0.93	*D*
Benzo(a)anthracene	1	1	0.632	*D*	0.772	*D*	**2.67**	*D*
Benzo(a)pyrene	1	1	0.412	*D*	0.486	*D*	**1.11**	*D*
Benzo(b)fluoranthene	1	1	0.461	*D*	0.731	*D*	0.948	*D*
Benzo(g,h,i)perylene	100	100	0.226	*JD*	0.253	*JD*	0.605	*JD*
Benzo(k)fluoranthene	0.8	3.9	0.475	*D*	0.51	*D*	1.21	*D*
Chrysene	1	3.9	0.704	*D*	1.01	*D*	2.75	*D*
Dibenzo(a,h)anthracene	0.33	0.33	0.179	*U*	0.185	*U*	0.365	*U*
Fluoranthene	100	100	1.37	*D*	2.37	*D*	6.48	*D*
Fluorene	30	100	0.179	*U*	0.185	*U*	0.365	*U*
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.237	*JD*	0.265	*JD*	**0.709**	*JD*
Naphthalene	12	100	0.179	*U*	0.185	*U*	0.365	*U*
Phenanthrene	100	100	0.924	*D*	1.64	*D*	4.49	*D*
Pyrene	100	100	1.11	*D*	1.8	*D*	4.63	*D*

Detected Concentrations
Concentrations > UUSCOs
Concentrations > RRUSCOs

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 2: SVOCs (PAHs) in Soils

Ecosystems Strategies, Inc.

ESI File: KP14175.20

All data in mg/Kg (parts per million, ppm)		**Sample ID**	**TP-05**	
U= Not Detected at or above indicated value		Sample Date	(2015-06-22)	
Data above SCOs shown in Bold		Dilution Factor	2	
SVOCs, 8270	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*
2-Methylnaphthalene	NA	0.41	0.0683	*U*
Acenaphthene	20	100	0.0683	*U*
Acenaphthylene	100	100	0.0683	*U*
Anthracene	100	100	0.0683	*U*
Benzo(a)anthracene	1	1	0.34	*D*
Benzo(a)pyrene	1	1	0.142	*D*
Benzo(b)fluoranthene	1	1	0.199	*D*
Benzo(g,h,i)perylene	100	100	0.0683	*U*
Benzo(k)fluoranthene	0.8	3.9	0.161	*D*
Chrysene	1	3.9	0.326	*D*
Dibenzo(a,h)anthracene	0.33	0.33	0.0683	*U*
Fluoranthene	100	100	0.667	*D*
Fluorene	30	100	0.0683	*U*
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.0683	*U*
Naphthalene	12	100	0.0683	*U*
Phenanthrene	100	100	0.339	*D*
Pyrene	100	100	0.568	*D*

Detected Concentrations
Concentrations > UUSCOs
Concentrations > RRUSCOs

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 3: Pesticides and PCBs in Soils

Ecosystems Strategies, Inc.

ESI File: KP14175.20

All data in mg/Kg (parts per million, ppm)		**Sample ID**	**TP-03**		**TP-06**		**TP-08**	
U= Not Detected at or above indicated value		Sample Date	(2015-06-22)		(2015-06-22)		(2015-06-22)	
Data above SCOs shown in **Bold**		Dilution Factor	5		5		5	
Pesticides, 8081	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
4,4'-DDD	0.0033	13	0.00524	*D*	0.00268	*U*	0.00287	*U*
4,4'-DDE	0.0033	8.9	0.00286	*U*	0.00268	*U*	0.00287	*U*
4,4'-DDT	0.0033	7.9	0.021	*D*	0.00268	*U*	0.0318	*D*
Aldrin	0.005	0.097	0.00286	*U*	0.00268	*U*	0.00287	*U*
alpha-BHC	0.02	0.48	0.00286	*U*	0.00268	*U*	0.00287	*U*
alpha-Chlordane	0.094	4.2	0.0141	*D*	0.00268	*U*	0.146	*D*
beta-BHC	0.036	0.36	0.00286	*U*	0.00268	*U*	0.00287	*U*
Chlordane (total)	NA	NA	0.131	*D*	0.107	*U*	1.31	*D*
delta-BHC	0.04	100	0.00286	*U*	0.00268	*U*	0.00287	*U*
Dieldrin	0.005	0.2	0.00286	*U*	0.00268	*U*	0.00287	*U*
Endosulfan I	2.4	24	0.00286	*U*	0.00268	*U*	0.00287	*U*
Endosulfan II	2.4	24	0.00286	*U*	0.00268	*U*	0.00287	*U*
Endosulfan sulfate	2.4	24	0.00286	*U*	0.00268	*U*	0.00287	*U*
Endrin	0.014	11	0.00286	*U*	0.00268	*U*	0.00287	*U*
Endrin aldehyde	NA	NA	0.00286	*U*	0.00268	*U*	0.00287	*U*
Endrin ketone	NA	NA	0.00286	*U*	0.00268	*U*	0.00287	*U*
gamma-BHC (Lindane)	0.1	1.3	0.00286	*U*	0.00268	*U*	0.00287	*U*
gamma-Chlordane	NA	0.54	0.0175	*D*	0.00268	*U*	0.159	*D*
Heptachlor	0.042	2.1	0.00286	*U*	0.00268	*U*	0.00287	*U*
Heptachlor Epoxide	NA	0.077	0.00286	*U*	0.00268	*U*	0.00287	*U*
Methoxychlor	NA	100	0.0143	*U*	0.0134	*U*	0.0143	*U*
Toxaphene	NA	NA	0.145	*U*	0.136	*U*	0.145	*U*

		Sample ID	**TP-03**		**TP-06**		**TP-08**	
		Sample Date	(2015-06-22)		(2015-06-22)		(2015-06-22)	
		Dilution Factor	1		1		1	
PCBs, 8082	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
Aroclor 1016	0.1	1.00	0.0289	*U*	0.027	*U*	0.029	*U*
Aroclor 1221	0.1	1.00	0.0289	*U*	0.027	*U*	0.029	*U*
Aroclor 1232	0.1	1.00	0.0289	*U*	0.027	*U*	0.029	*U*
Aroclor 1242	0.1	1.00	0.0289	*U*	0.027	*U*	0.029	*U*
Aroclor 1248	0.1	1.00	0.0289	*U*	0.027	*U*	0.029	*U*
Aroclor 1254	0.1	1.00	0.0289	*U*	0.027	*U*	0.029	*U*
Aroclor 1260	0.1	1.00	0.0289	*U*	0.027	*U*	0.029	*U*
Aroclor, Total	0.1	1.00	0.0289	*U*	0.027	*U*	0.029	*U*

Detected Concentrations
Concentrations > UUSCOs
Concentrations > RRUSCOs

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 4: TAL Metals in Soils

Ecosystems Strategies, Inc.

ESI File: KP14175.20

All data in mg/Kg (parts per million, ppm)		**Sample ID**	**TP-01**		**TP-02**		**TP-03**		**TP-04**	
U= Not Detected at or above indicated value		Sample Date	(2015-06-22)		(2015-06-22)		(2015-06-22)		(2015-06-22)	
Data above SCOs shown in **Bold**		Dilution Factor	1		1		1		1	
Metals, 6010 and 7473	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
Aluminum	NA	NA	15,900		20,300		14,700		13,800	
Antimony	NA	NA	0.572	*U*	0.589	*U*	0.577	*U*	0.581	*U*
Arsenic	13	16	**22**		7.93		9.05		14.4	
Barium	350	400	233		274		316		346	
Beryllium	7.2	72	0.114	*U*	0.118	*U*	0.115	*U*	0.116	*U*
Cadmium	2.5	4.3	0.861		0.789		0.833		1.22	
Calcium	NA	NA	11,100		5,260		8,510		15,300	
Chromium	30	180	26.3		29.9		26.8		30.7	
Cobalt	NA	30	13.8		12.6		11.5		12.3	
Copper	50	270	54.2		37.5		42.3		**300**	
Iron	NA	2,000	**29,900**		**26,400**		**24,800**		**28,400**	
Lead	63	400	259		**538**		**600**		**608**	
Magnesium	NA	NA	10,600		7,090		7,940		8,920	
Manganese	1,600	2,000	419		821		444		448	
Mercury	0.18	0.81	0.402		0.479		**1.04**		0.802	
Nickel	30	310	16.6		18.5		17.1		18.4	
Potassium	NA	NA	3,540		2,200		2,140		2,130	
Selenium	3.90	180	3	*B*	2.8	*B*	3.94	*B*	4.5	*B*
Silver	2	180	0.572	*U*	0.589	*U*	0.577	*U*	0.581	*U*
Sodium	NA	NA	185		128		121		162	
Thallium	NA	NA	1.14	*U*	1.18	*U*	1.15	*U*	1.16	*U*
Vanadium	NA	100	48.8		40.4		36.6		38.7	
Zinc	109	2,200	258		254		310		433	

Detected Concentrations
Concentrations > UUSCOs
Concentrations > RRUSCOs

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 4: TAL Metals in Soils

Ecosystems Strategies, Inc.

ESI File: KP14175.20

All data in mg/Kg (parts per million, ppm)		**Sample ID**	**TP-05**		**TP-06**		**TP-07**		**TP-08**	
U= Not Detected at or above indicated value		Sample Date	(2015-06-22)		(2015-06-22)		(2015-06-22)		(2015-06-22)	
Data above SCOs shown in **Bold**		Dilution Factor	1		1		1		1	
Metals, 6010 and 7473	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
Aluminum	NA	NA	10,700		9,110		8,470		14,300	
Antimony	NA	NA	0.545	*U*	0.541	*U*	0.54	*U*	0.58	*U*
Arsenic	13	16	11.6		3.19		2.89		**23.1**	
Barium	350	400	156		69.5		50.2		226	
Beryllium	7.2	72	0.109	*U*	0.108	*U*	0.108	*U*	0.116	*U*
Cadmium	2.5	4.3	0.704		0.325	*U*	0.324	*U*	0.837	
Calcium	NA	NA	3,900		1,480		1,760		11,500	
Chromium	30	180	25.4		10.9		11.6		45.2	
Cobalt	NA	30	10.1		9.61		8.05		12.6	
Copper	50	270	40.7		28		20.7		49.6	
Iron	NA	2,000	**19,500**		**18,000**		**15,200**		**25,800**	
Lead	63	400	164		65.9		60.2		345	
Magnesium	NA	NA	5,560		3,240		3,550		7,100	
Manganese	1,600	2,000	345		579		314		451	
Mercury	0.18	0.81	0.25		0.0325	*U*	0.286		0.696	
Nickel	30	310	21		12.2		12.7		35.2	
Potassium	NA	NA	1,450		980		941		1,950	
Selenium	3.90	180	2.16	*B*	2.12	*B*	1.14	*B*	3.48	*B*
Silver	2	180	0.545	*U*	0.541	*U*	0.54	*U*	0.58	*U*
Sodium	NA	NA	98.5		83.8		80		134	
Thallium	NA	NA	1.09	*U*	1.08	*U*	1.08	*U*	1.16	*U*
Vanadium	NA	100	27.2		21.2		17.5		35.2	
Zinc	109	2,200	202		58.1		53.9		302	

Detected Concentrations
Concentrations > UUSCOs
Concentrations > RRUSCOs

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 5: VOCs in Soil Vapor

Ecosystems Strategies, Inc.

ESI File: KP14175.20

All data in µg/m³	**Sample ID**	**SV-01**		**SV-02**		**SV-03**	
U= Not Detected at or above indicated value	Sample Date	(2015-03-03)		(2015-03-03)		(2015-03-03)	
Data above AGVs shown in **Bold**	Dilution Factor	1		1		1	
VOCs, TO-15	**Guidance Value**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1,1-Trichloroethane	NA	1.09	*U*	1.09	*U*	1.09	*U*
1,1,2,2-Tetrachloroethane	NA	1.37	*U*	1.37	*U*	1.37	*U*
1,1,2-Trichloroethane	NA	1.09	*U*	1.09	*U*	1.09	*U*
1,1-Dichloroethane	NA	0.809	*U*	0.809	*U*	0.809	*U*
1,1-Dichloroethene	NA	0.793	*U*	0.793	*U*	0.793	*U*
1,2,4-Trichlorobenzene	NA	1.48	*U*	1.48	*U*	1.48	*U*
1,2,4-Trimethylbenzene	NA	1.8		1.76		1.81	
1,2-Dibromoethane	NA	1.54	*U*	1.54	*U*	1.54	*U*
1,2-Dichlorobenzene	NA	1.2	*U*	1.2	*U*	1.2	*U*
1,2-Dichloroethane	NA	0.809	*U*	0.809	*U*	0.809	*U*
1,2-Dichloropropane	NA	0.924	*U*	0.924	*U*	0.924	*U*
1,3,5-Trimethylbenzene	NA	0.983	*U*	0.983	*U*	0.983	*U*
1,3-Butadiene	NA	9.2		0.442	*U*	19.3	
1,3-Dichlorobenzene	NA	1.2	*U*	1.2	*U*	1.2	*U*
1,4-Dichlorobenzene	NA	3.66		1.2	*U*	1.2	*U*
1,4-Dioxane	NA	0.721	*U*	0.721	*U*	0.721	*U*
2,2,4-Trimethylpentane	NA	0.934	*U*	0.934	*U*	0.934	*U*
2-Butanone	NA	4.28		1.47	*U*	9.2	
2-Hexanone	NA	0.82	*U*	0.82	*U*	0.82	*U*
3-Chloropropene	NA	0.626	*U*	0.626	*U*	0.626	*U*
4-Ethyltoluene	NA	0.983	*U*	0.983	*U*	0.983	*U*
4-Methyl-2-pentanone	NA	2.05	*U*	2.05	*U*	2.05	*U*
Acetone	NA	58.4		53.7		136	
Benzene	NA	4.79		0.639	*U*	6.2	
Benzyl chloride	NA	1.04	*U*	1.04	*U*	1.04	*U*
Bromodichloromethane	NA	1.34	*U*	1.34	*U*	1.34	*U*
Bromoform	NA	2.07	*U*	2.07	*U*	2.07	*U*
Bromomethane	NA	0.777	*U*	0.777	*U*	0.777	*U*
Carbon disulfide	NA	10.7		0.623	*U*	1.87	
Carbon tetrachloride	NA	1.26	*U*	1.26	*U*	1.26	*U*
Chlorobenzene	NA	0.921	*U*	0.921	*U*	0.921	*U*
Chloroethane	NA	0.528	*U*	0.528	*U*	0.528	*U*
Chloroform	NA	0.977	*U*	0.977	*U*	1.73	
Chloromethane	NA	0.413	*U*	0.413	*U*	0.413	*U*
cis-1,2-Dichloroethene	NA	0.793	*U*	0.793	*U*	0.793	*U*
cis-1,3-Dichloropropene	NA	0.908	*U*	0.908	*U*	0.908	*U*
Cyclohexane	NA	3.27		0.688	*U*	0.688	*U*
Dibromochloromethane	NA	1.7	*U*	1.7	*U*	1.7	*U*
Dichlorodifluoromethane	NA	1.06		1.49		1.45	
Ethanol	NA	5.65		4.71	*U*	4.71	*U*
Ethyl Acetate	NA	1.8	*U*	1.8	*U*	1.8	*U*
Ethylbenzene	NA	1.28		0.869	*U*	2.59	
Freon-113	NA	1.53	*U*	1.53	*U*	1.53	*U*
Freon-114	NA	1.4	*U*	1.4	*U*	1.4	*U*
Heptane	NA	47.1		1.06		2.65	
Hexachlorobutadiene	NA	2.13	*U*	2.13	*U*	2.13	*U*
Isopropanol	NA	1.23	*U*	1.23	*U*	1.23	*U*
Methyl tert butyl ether	NA	0.721	*U*	0.721	*U*	0.721	*U*
Methylene chloride	NA	1.74	*U*	1.74	*U*	1.74	*U*
n-Hexane	NA	106		1.11		5.53	
o-Xylene	NA	1.11		0.869	*U*	1.67	
p/m-Xylene	NA	2.61		1.74	*U*	4.86	
Styrene	NA	0.852	*U*	0.852	*U*	0.852	*U*
Tertiary butyl Alcohol	NA	1.52	*U*	1.52	*U*	1.52	*U*
Tetrachloroethene	NA	7.05		1.73		1.36	*U*
Tetrahydrofuran	NA	1.47	*U*	1.47	*U*	1.47	*U*
Toluene	NA	5.43		0.874		12.5	
trans-1,2-Dichloroethene	NA	0.793	*U*	0.793	*U*	0.793	*U*
trans-1,3-Dichloropropene	NA	0.908	*U*	0.908	*U*	0.908	*U*
Trichloroethene	NA	1.07	*U*	1.54		1.07	*U*
Trichlorofluoromethane	NA	1.8		1.37		1.13	
Vinyl bromide	NA	0.874	*U*	0.874	*U*	0.874	*U*
Vinyl chloride	NA	0.511	*U*	0.511	*U*	0.511	*U*

Detected concentrations
Relatively Elevated concentrations

Notes: There are no established guidance values for VOCs in subsurface vapors NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank

Table 5: VOCs in Soil Vapor

Ecosystems Strategies, Inc.

ESI File: KP14175.20

All data in µg/m³	**Sample ID**	**SV-04**	
U= Not Detected at or above indicated value	Sample Date	(2015-03-03)	
Data above AGVs shown in **Bold**	Dilution Factor	1	
VOCs, TO-15	**Guidance Value**	*Result*	*Qualifier*
1,1,1-Trichloroethane	NA	1.09	*U*
1,1,2,2-Tetrachloroethane	NA	1.37	*U*
1,1,2-Trichloroethane	NA	1.09	*U*
1,1-Dichloroethane	NA	0.809	*U*
1,1-Dichloroethene	NA	0.793	*U*
1,2,4-Trichlorobenzene	NA	1.48	*U*
1,2,4-Trimethylbenzene	NA	1.91	
1,2-Dibromoethane	NA	1.54	*U*
1,2-Dichlorobenzene	NA	1.2	*U*
1,2-Dichloroethane	NA	0.809	*U*
1,2-Dichloropropane	NA	0.924	*U*
1,3,5-Trimethylbenzene	NA	0.983	*U*
1,3-Butadiene	NA	6.75	
1,3-Dichlorobenzene	NA	1.2	*U*
1,4-Dichlorobenzene	NA	1.2	*U*
1,4-Dioxane	NA	0.721	*U*
2,2,4-Trimethylpentane	NA	0.934	*U*
2-Butanone	NA	7.05	
2-Hexanone	NA	0.82	*U*
3-Chloropropene	NA	0.626	*U*
4-Ethyltoluene	NA	0.983	*U*
4-Methyl-2-pentanone	NA	2.05	*U*
Acetone	NA	182	
Benzene	NA	8.05	
Benzyl chloride	NA	1.04	*U*
Bromodichloromethane	NA	1.34	*U*
Bromoform	NA	2.07	*U*
Bromomethane	NA	0.777	*U*
Carbon disulfide	NA	1.08	
Carbon tetrachloride	NA	1.26	*U*
Chlorobenzene	NA	0.921	*U*
Chloroethane	NA	0.528	*U*
Chloroform	NA	0.977	*U*
Chloromethane	NA	0.413	*U*
cis-1,2-Dichloroethene	NA	0.793	*U*
cis-1,3-Dichloropropene	NA	0.908	*U*
Cyclohexane	NA	0.733	
Dibromochloromethane	NA	1.7	*U*
Dichlorodifluoromethane	NA	1.27	
Ethanol	NA	4.71	*U*
Ethyl Acetate	NA	1.8	*U*
Ethylbenzene	NA	1.13	
Freon-113	NA	1.53	*U*
Freon-114	NA	1.4	*U*
Heptane	NA	1.23	
Hexachlorobutadiene	NA	2.13	*U*
Isopropanol	NA	1.23	*U*
Methyl tert butyl ether	NA	33.9	
Methylene chloride	NA	1.74	*U*
n-Hexane	NA	2.85	
o-Xylene	NA	1.08	
p/m-Xylene	NA	2.39	
Styrene	NA	0.852	*U*
Tertiary butyl Alcohol	NA	1.52	*U*
Tetrachloroethene	NA	1.36	*U*
Tetrahydrofuran	NA	1.47	*U*
Toluene	NA	5.46	
trans-1,2-Dichloroethene	NA	0.793	*U*
trans-1,3-Dichloropropene	NA	0.908	*U*
Trichloroethene	NA	1.07	*U*
Trichlorofluoromethane	NA	1.41	
Vinyl bromide	NA	0.874	*U*
Vinyl chloride	NA	0.511	*U*

Detected concentrations
Relatively Elevated concentrations

Notes: There are no established guidance values for VOCs in subsurface vapors NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank

APPENDIX C

Laboratory Reports

Technical Report

prepared for:

Ecosystems Strategies, Inc.
24 Davis Avenue
Poughkeepsie NY, 12603
Attention: Adam Atkinson

Report Date: 06/30/2015
Client Project ID: KP14175
York Project (SDG) No.: 15F0902

Report Date: 06/30/2015
Client Project ID: KP14175
York Project (SDG) No.: 15F0902

Ecosystems Strategies, Inc.
24 Davis Avenue
Poughkeepsie NY, 12603
Attention: Adam Atkinson

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 June 23, 2015 and listed below. The project was identified as your project: **KP14175**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
15F0902-01	TP-01	Soil	06/22/2015	06/23/2015
15F0902-02	TP-02	Soil	06/22/2015	06/23/2015
15F0902-03	TP-03	Soil	06/22/2015	06/23/2015
15F0902-04	TP-04	Soil	06/22/2015	06/23/2015
15F0902-05	TP-05	Soil	06/22/2015	06/23/2015
15F0902-06	TP-06	Soil	06/22/2015	06/23/2015
15F0902-07	TP-07	Soil	06/22/2015	06/23/2015
15F0902-08	TP-08	Soil	06/22/2015	06/23/2015

General Notes for York Project (SDG) No.: 15F0902

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

Approved By: 

Date: 06/30/2015

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: TP-01 **York Sample ID:** 15F0902-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0902	KP14175	Soil	June 22, 2015 3:00 pm	06/23/2015

Semi-Volatiles, PAH Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

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	ND		ug/kg dry	179	358	5	EPA 8270D Certifications:	06/24/2015 14:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 22:03	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	179	358	5	EPA 8270D Certifications:	06/24/2015 14:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 22:03	KH
120-12-7	Anthracene	ND		ug/kg dry	179	358	5	EPA 8270D Certifications:	06/24/2015 14:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 22:03	KH
56-55-3	**Benzo(a)anthracene**	**632**		ug/kg dry	179	358	5	EPA 8270D Certifications:	06/24/2015 14:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 22:03	KH
50-32-8	**Benzo(a)pyrene**	**412**		ug/kg dry	179	358	5	EPA 8270D Certifications:	06/24/2015 14:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 22:03	KH
205-99-2	**Benzo(b)fluoranthene**	**461**		ug/kg dry	179	358	5	EPA 8270D Certifications:	06/24/2015 14:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 22:03	KH
191-24-2	**Benzo(g,h,i)perylene**	**226**	J	ug/kg dry	179	358	5	EPA 8270D Certifications:	06/24/2015 14:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 22:03	KH
207-08-9	**Benzo(k)fluoranthene**	**475**		ug/kg dry	179	358	5	EPA 8270D Certifications:	06/24/2015 14:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 22:03	KH
218-01-9	**Chrysene**	**704**		ug/kg dry	179	358	5	EPA 8270D Certifications:	06/24/2015 14:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 22:03	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	179	358	5	EPA 8270D Certifications:	06/24/2015 14:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 22:03	KH
206-44-0	**Fluoranthene**	**1370**		ug/kg dry	179	358	5	EPA 8270D Certifications:	06/24/2015 14:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 22:03	KH
86-73-7	Fluorene	ND		ug/kg dry	179	358	5	EPA 8270D Certifications:	06/24/2015 14:20 NELAC-NY10854,NJDEP,PADEP	06/25/2015 22:03	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**237**	J	ug/kg dry	179	358	5	EPA 8270D Certifications:	06/24/2015 14:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 22:03	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	179	358	5	EPA 8270D Certifications:	06/24/2015 14:20 CTDOH,NELAC-NY10854,NJDEP	06/25/2015 22:03	KH
91-20-3	Naphthalene	ND		ug/kg dry	179	358	5	EPA 8270D Certifications:	06/24/2015 14:20 CTDOH,NELAC-NY10854,NJDEP	06/25/2015 22:03	KH
85-01-8	**Phenanthrene**	**924**		ug/kg dry	179	358	5	EPA 8270D Certifications:	06/24/2015 14:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 22:03	KH
129-00-0	**Pyrene**	**1110**		ug/kg dry	179	358	5	EPA 8270D Certifications:	06/24/2015 14:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 22:03	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: Nitrobenzene-d5*	*54.4 %*	*10-95*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*58.1 %*	*10-97*
1718-51-0	*Surrogate: Terphenyl-d14*	*57.5 %*	*19-99*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: **TP-01** **York Sample ID:** **15F0902-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0902	KP14175	Soil	June 22, 2015 3:00 pm	06/23/2015

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**15900**		mg/kg dry	5.72	5.72	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:11	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-36-0	Antimony	ND		mg/kg dry	0.572	0.572	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:11	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**22.0**		mg/kg dry	1.14	1.14	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:11	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**233**		mg/kg dry	1.14	1.14	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:11	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.114	0.114	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:11	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-43-9	**Cadmium**	**0.861**		mg/kg dry	0.343	0.343	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:11	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**11100**		mg/kg dry	0.572	5.72	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:11	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-47-3	**Chromium**	**26.3**		mg/kg dry	0.572	0.572	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:11	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**13.8**		mg/kg dry	0.572	0.572	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:11	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-50-8	**Copper**	**54.2**		mg/kg dry	0.572	0.572	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:11	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7439-89-6	**Iron**	**29900**		mg/kg dry	2.29	2.29	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:11	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7439-92-1	**Lead**	**259**		mg/kg dry	0.343	0.343	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:11	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**10600**		mg/kg dry	5.72	5.72	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:11	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7439-96-5	**Manganese**	**419**		mg/kg dry	0.572	0.572	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:11	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-02-0	**Nickel**	**16.6**		mg/kg dry	0.572	0.572	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:11	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**3540**		mg/kg dry	5.72	5.72	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:11	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7782-49-2	**Selenium**	**3.00**	B	mg/kg dry	1.14	1.14	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:11	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.572	0.572	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:11	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**185**		mg/kg dry	11.4	11.4	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:11	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.14	1.14	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:11	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-62-2	**Vanadium**	**48.8**		mg/kg dry	1.14	1.14	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:11	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-66-6	**Zinc**	**258**		mg/kg dry	1.14	1.14	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:11	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: TP-01 **York Sample ID:** 15F0902-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0902	KP14175	Soil	June 22, 2015 3:00 pm	06/23/2015

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.402**		mg/kg dry	0.0343	0.0343	1	EPA 7473	06/27/2015 06:15	06/27/2015 09:23	ALD
								Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.4**		%	0.100	0.100	1	SM 2540G	06/25/2015 09:42	06/26/2015 10:01	KK
								Certifications: CTDOH			

Sample Information

Client Sample ID: TP-02 **York Sample ID:** 15F0902-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0902	KP14175	Soil	June 22, 2015 3:00 pm	06/23/2015

Semi-Volatiles, PAH Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

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	ND		ug/kg dry	185	369	5	EPA 8270D	06/24/2015 14:20	06/25/2015 12:49	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
208-96-8	**Acenaphthylene**	**248**	J	ug/kg dry	185	369	5	EPA 8270D	06/24/2015 14:20	06/25/2015 12:49	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
120-12-7	Anthracene	ND		ug/kg dry	185	369	5	EPA 8270D	06/24/2015 14:20	06/25/2015 12:49	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
56-55-3	**Benzo(a)anthracene**	**772**		ug/kg dry	185	369	5	EPA 8270D	06/24/2015 14:20	06/25/2015 12:49	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-32-8	**Benzo(a)pyrene**	**486**		ug/kg dry	185	369	5	EPA 8270D	06/24/2015 14:20	06/25/2015 12:49	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	**Benzo(b)fluoranthene**	**731**		ug/kg dry	185	369	5	EPA 8270D	06/24/2015 14:20	06/25/2015 12:49	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	**Benzo(g,h,i)perylene**	**253**	J	ug/kg dry	185	369	5	EPA 8270D	06/24/2015 14:20	06/25/2015 12:49	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	**Benzo(k)fluoranthene**	**510**		ug/kg dry	185	369	5	EPA 8270D	06/24/2015 14:20	06/25/2015 12:49	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
218-01-9	**Chrysene**	**1010**		ug/kg dry	185	369	5	EPA 8270D	06/24/2015 14:20	06/25/2015 12:49	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	185	369	5	EPA 8270D	06/24/2015 14:20	06/25/2015 12:49	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: **TP-02** **York Sample ID:** **15F0902-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0902	KP14175	Soil	June 22, 2015 3:00 pm	06/23/2015

Semi-Volatiles, PAH Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	**Fluoranthene**	**2370**		ug/kg dry	185	369	5	EPA 8270D	06/24/2015 14:20	06/25/2015 12:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/kg dry	185	369	5	EPA 8270D	06/24/2015 14:20	06/25/2015 12:49	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**265**	J	ug/kg dry	185	369	5	EPA 8270D	06/24/2015 14:20	06/25/2015 12:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	185	369	5	EPA 8270D	06/24/2015 14:20	06/25/2015 12:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
91-20-3	Naphthalene	ND		ug/kg dry	185	369	5	EPA 8270D	06/24/2015 14:20	06/25/2015 12:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
85-01-8	**Phenanthrene**	**1640**		ug/kg dry	185	369	5	EPA 8270D	06/24/2015 14:20	06/25/2015 12:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**1800**		ug/kg dry	185	369	5	EPA 8270D	06/24/2015 14:20	06/25/2015 12:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: Nitrobenzene-d5*	*59.5 %*	*10-95*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*64.4 %*	*10-97*
1718-51-0	*Surrogate: Terphenyl-d14*	*59.8 %*	*19-99*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**20300**		mg/kg dry	5.89	5.89	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:28	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-36-0	Antimony	ND		mg/kg dry	0.589	0.589	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:28	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**7.93**		mg/kg dry	1.18	1.18	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:28	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**274**		mg/kg dry	1.18	1.18	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:28	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.118	0.118	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:28	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-43-9	**Cadmium**	**0.789**		mg/kg dry	0.354	0.354	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:28	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**5260**		mg/kg dry	0.589	5.89	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:28	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-47-3	**Chromium**	**29.9**		mg/kg dry	0.589	0.589	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:28	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**12.6**		mg/kg dry	0.589	0.589	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:28	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-50-8	**Copper**	**37.5**		mg/kg dry	0.589	0.589	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:28	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: **TP-02** **York Sample ID:** **15F0902-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0902	KP14175	Soil	June 22, 2015 3:00 pm	06/23/2015

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**26400**		mg/kg dry	2.36	2.36	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:28	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7439-92-1	**Lead**	**538**		mg/kg dry	0.354	0.354	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:28	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**7090**		mg/kg dry	5.89	5.89	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:28	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7439-96-5	**Manganese**	**821**		mg/kg dry	0.589	0.589	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:28	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-02-0	**Nickel**	**18.5**		mg/kg dry	0.589	0.589	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:28	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**2200**		mg/kg dry	5.89	5.89	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:28	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7782-49-2	**Selenium**	**2.80**	B	mg/kg dry	1.18	1.18	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:28	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.589	0.589	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:28	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**128**		mg/kg dry	11.8	11.8	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:28	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.18	1.18	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:28	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-62-2	**Vanadium**	**40.4**		mg/kg dry	1.18	1.18	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:28	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-66-6	**Zinc**	**254**		mg/kg dry	1.18	1.18	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:28	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.479**		mg/kg dry	0.0354	0.0354	1	EPA 7473	06/27/2015 06:15	06/27/2015 09:32	ALD
								Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**84.8**		%	0.100	0.100	1	SM 2540G	06/25/2015 09:42	06/26/2015 10:01	KK
								Certifications: CTDOH			

Sample Information

Client Sample ID: TP-03 **York Sample ID:** 15F0902-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0902	KP14175	Soil	June 22, 2015 3:00 pm	06/23/2015

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	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 08:11	06/25/2015 13:07	BS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 08:11	06/25/2015 13:07	BS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 08:11	06/25/2015 13:07	BS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 08:11	06/25/2015 13:07	BS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 08:11	06/25/2015 13:07	BS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 08:11	06/25/2015 13:07	BS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 08:11	06/25/2015 13:07	BS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/25/2015 08:11	06/25/2015 13:07	BS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/25/2015 08:11	06/25/2015 13:07	BS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/25/2015 08:11	06/25/2015 13:07	BS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 08:11	06/25/2015 13:07	BS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 08:11	06/25/2015 13:07	BS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 08:11	06/25/2015 13:07	BS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 08:11	06/25/2015 13:07	BS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 08:11	06/25/2015 13:07	BS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 08:11	06/25/2015 13:07	BS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 08:11	06/25/2015 13:07	BS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 08:11	06/25/2015 13:07	BS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 08:11	06/25/2015 13:07	BS
123-91-1	1,4-Dioxane	ND		ug/kg dry	59	120	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/25/2015 08:11	06/25/2015 13:07	BS
78-93-3	2-Butanone	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 08:11	06/25/2015 13:07	BS
591-78-6	2-Hexanone	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 08:11	06/25/2015 13:07	BS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 08:11	06/25/2015 13:07	BS

Sample Information

Client Sample ID: TP-03 **York Sample ID:** 15F0902-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0902	KP14175	Soil	June 22, 2015 3:00 pm	06/23/2015

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
67-64-1	Acetone	ND		ug/kg dry	5.9	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 08:11	06/25/2015 13:07	BS
107-02-8	Acrolein	ND		ug/kg dry	5.9	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 08:11	06/25/2015 13:07	BS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 08:11	06/25/2015 13:07	BS
71-43-2	Benzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 08:11	06/25/2015 13:07	BS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/25/2015 08:11	06/25/2015 13:07	BS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 08:11	06/25/2015 13:07	BS
75-25-2	Bromoform	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 08:11	06/25/2015 13:07	BS
74-83-9	Bromomethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 08:11	06/25/2015 13:07	BS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 08:11	06/25/2015 13:07	BS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 08:11	06/25/2015 13:07	BS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 08:11	06/25/2015 13:07	BS
75-00-3	Chloroethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 08:11	06/25/2015 13:07	BS
67-66-3	Chloroform	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 08:11	06/25/2015 13:07	BS
74-87-3	Chloromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 08:11	06/25/2015 13:07	BS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 08:11	06/25/2015 13:07	BS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 08:11	06/25/2015 13:07	BS
110-82-7	Cyclohexane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/25/2015 08:11	06/25/2015 13:07	BS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	06/25/2015 08:11	06/25/2015 13:07	BS
74-95-3	Dibromomethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/25/2015 08:11	06/25/2015 13:07	BS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/25/2015 08:11	06/25/2015 13:07	BS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 08:11	06/25/2015 13:07	BS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/25/2015 08:11	06/25/2015 13:07	BS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 08:11	06/25/2015 13:07	BS
79-20-9	Methyl acetate	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/25/2015 08:11	06/25/2015 13:07	BS

Sample Information

Client Sample ID: TP-03 **York Sample ID:** 15F0902-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0902	KP14175	Soil	June 22, 2015 3:00 pm	06/23/2015

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	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 08:11	06/25/2015 13:07	BS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/25/2015 08:11	06/25/2015 13:07	BS
75-09-2	Methylene chloride	ND		ug/kg dry	5.9	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 08:11	06/25/2015 13:07	BS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 08:11	06/25/2015 13:07	BS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 08:11	06/25/2015 13:07	BS
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	06/25/2015 08:11	06/25/2015 13:07	BS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.9	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	06/25/2015 08:11	06/25/2015 13:07	BS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 08:11	06/25/2015 13:07	BS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 08:11	06/25/2015 13:07	BS
100-42-5	Styrene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 08:11	06/25/2015 13:07	BS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.9	12	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/25/2015 08:11	06/25/2015 13:07	BS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 08:11	06/25/2015 13:07	BS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 08:11	06/25/2015 13:07	BS
108-88-3	Toluene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 08:11	06/25/2015 13:07	BS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 08:11	06/25/2015 13:07	BS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 08:11	06/25/2015 13:07	BS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 08:11	06/25/2015 13:07	BS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 08:11	06/25/2015 13:07	BS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.9	5.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 08:11	06/25/2015 13:07	BS
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.8	18	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 08:11	06/25/2015 13:07	BS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.0 %*	*76-130*

Pesticides, 8081 target list

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: **TP-03** **York Sample ID:** **15F0902-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0902	KP14175	Soil	June 22, 2015 3:00 pm	06/23/2015

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	**4,4'-DDD**	**5.24**		ug/kg dry	2.86	2.86	5	EPA 8081B	06/25/2015 14:00	06/29/2015 19:40	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-55-9	4,4'-DDE	ND		ug/kg dry	2.86	2.86	5	EPA 8081B	06/25/2015 14:00	06/29/2015 19:40	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-29-3	**4,4'-DDT**	**21.0**		ug/kg dry	2.86	2.86	5	EPA 8081B	06/25/2015 14:00	06/29/2015 19:40	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
309-00-2	Aldrin	ND		ug/kg dry	2.86	2.86	5	EPA 8081B	06/25/2015 14:00	06/29/2015 19:40	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		ug/kg dry	2.86	2.86	5	EPA 8081B	06/25/2015 14:00	06/29/2015 19:40	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	**alpha-Chlordane**	**14.1**		ug/kg dry	2.86	2.86	5	EPA 8081B	06/25/2015 14:00	06/29/2015 19:40	AMC
								Certifications: NELAC-NY10854,NJDEP			
319-85-7	beta-BHC	ND		ug/kg dry	2.86	2.86	5	EPA 8081B	06/25/2015 14:00	06/29/2015 19:40	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
57-74-9	**Chlordane, total**	**131**		ug/kg dry	114	114	5	EPA 8081B	06/25/2015 14:00	06/29/2015 19:40	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		ug/kg dry	2.86	2.86	5	EPA 8081B	06/25/2015 14:00	06/29/2015 19:40	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		ug/kg dry	2.86	2.86	5	EPA 8081B	06/25/2015 14:00	06/29/2015 19:40	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		ug/kg dry	2.86	2.86	5	EPA 8081B	06/25/2015 14:00	06/29/2015 19:40	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		ug/kg dry	2.86	2.86	5	EPA 8081B	06/25/2015 14:00	06/29/2015 19:40	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.86	2.86	5	EPA 8081B	06/25/2015 14:00	06/29/2015 19:40	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		ug/kg dry	2.86	2.86	5	EPA 8081B	06/25/2015 14:00	06/29/2015 19:40	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.86	2.86	5	EPA 8081B	06/25/2015 14:00	06/29/2015 19:40	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53494-70-5	Endrin ketone	ND		ug/kg dry	2.86	2.86	5	EPA 8081B	06/25/2015 14:00	06/29/2015 19:40	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.86	2.86	5	EPA 8081B	06/25/2015 14:00	06/29/2015 19:40	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-74-2	**gamma-Chlordane**	**17.5**		ug/kg dry	2.86	2.86	5	EPA 8081B	06/25/2015 14:00	06/29/2015 19:40	AMC
								Certifications: NELAC-NY10854,NJDEP			
76-44-8	Heptachlor	ND		ug/kg dry	2.86	2.86	5	EPA 8081B	06/25/2015 14:00	06/29/2015 19:40	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.86	2.86	5	EPA 8081B	06/25/2015 14:00	06/29/2015 19:40	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-43-5	Methoxychlor	ND		ug/kg dry	14.3	14.3	5	EPA 8081B	06/25/2015 14:00	06/29/2015 19:40	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
8001-35-2	Toxaphene	ND		ug/kg dry	145	145	5	EPA 8081B	06/25/2015 14:00	06/29/2015 19:40	AMC
								Certifications: CTDOH,NELAC-NY10854,NJDEP			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*83.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*93.9 %*	*30-140*

Sample Information

Client Sample ID: TP-03 **York Sample ID:** 15F0902-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0902	KP14175	Soil	June 22, 2015 3:00 pm	06/23/2015

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0289	0.0289	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/25/2015 14:00	06/26/2015 21:13	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0289	0.0289	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/25/2015 14:00	06/26/2015 21:13	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0289	0.0289	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/25/2015 14:00	06/26/2015 21:13	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0289	0.0289	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/25/2015 14:00	06/26/2015 21:13	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0289	0.0289	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/25/2015 14:00	06/26/2015 21:13	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0289	0.0289	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/25/2015 14:00	06/26/2015 21:13	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0289	0.0289	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/25/2015 14:00	06/26/2015 21:13	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0289	0.0289	1	EPA 8082A Certifications:	06/25/2015 14:00	06/26/2015 21:13	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*84.7 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*76.6 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**14700**		mg/kg dry	5.77	5.77	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/28/2015 08:31	06/29/2015 19:32	ALD
7440-36-0	Antimony	ND		mg/kg dry	0.577	0.577	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2015 08:31	06/29/2015 19:32	ALD
7440-38-2	**Arsenic**	**9.05**		mg/kg dry	1.15	1.15	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2015 08:31	06/29/2015 19:32	ALD
7440-39-3	**Barium**	**316**		mg/kg dry	1.15	1.15	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2015 08:31	06/29/2015 19:32	ALD
7440-41-7	Beryllium	ND		mg/kg dry	0.115	0.115	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/28/2015 08:31	06/29/2015 19:32	ALD
7440-43-9	**Cadmium**	**0.833**		mg/kg dry	0.346	0.346	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2015 08:31	06/29/2015 19:32	ALD
7440-70-2	**Calcium**	**8510**		mg/kg dry	0.577	5.77	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/28/2015 08:31	06/29/2015 19:32	ALD
7440-47-3	**Chromium**	**26.8**		mg/kg dry	0.577	0.577	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2015 08:31	06/29/2015 19:32	ALD
7440-48-4	**Cobalt**	**11.5**		mg/kg dry	0.577	0.577	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/28/2015 08:31	06/29/2015 19:32	ALD

Sample Information

Client Sample ID: **TP-03** **York Sample ID:** **15F0902-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0902	KP14175	Soil	June 22, 2015 3:00 pm	06/23/2015

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**42.3**		mg/kg dry	0.577	0.577	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:32	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7439-89-6	**Iron**	**24800**		mg/kg dry	2.31	2.31	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:32	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7439-92-1	**Lead**	**600**		mg/kg dry	0.346	0.346	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:32	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**7940**		mg/kg dry	5.77	5.77	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:32	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7439-96-5	**Manganese**	**444**		mg/kg dry	0.577	0.577	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:32	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-02-0	**Nickel**	**17.1**		mg/kg dry	0.577	0.577	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:32	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**2140**		mg/kg dry	5.77	5.77	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:32	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7782-49-2	**Selenium**	**3.94**	B	mg/kg dry	1.15	1.15	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:32	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.577	0.577	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:32	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**121**		mg/kg dry	11.5	11.5	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:32	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.15	1.15	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:32	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-62-2	**Vanadium**	**36.6**		mg/kg dry	1.15	1.15	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:32	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-66-6	**Zinc**	**310**		mg/kg dry	1.15	1.15	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:32	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**1.04**		mg/kg dry	0.0346	0.0346	1	EPA 7473	06/27/2015 06:15	06/27/2015 09:41	ALD
								Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**86.6**		%	0.100	0.100	1	SM 2540G	06/25/2015 09:42	06/26/2015 10:01	KK
								Certifications: CTDOH			

Sample Information

Client Sample ID: **TP-04** **York Sample ID:** **15F0902-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0902	KP14175	Soil	June 22, 2015 3:00 pm	06/23/2015

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	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 08:11	06/25/2015 13:37	BS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 08:11	06/25/2015 13:37	BS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 08:11	06/25/2015 13:37	BS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 08:11	06/25/2015 13:37	BS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 08:11	06/25/2015 13:37	BS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 08:11	06/25/2015 13:37	BS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 08:11	06/25/2015 13:37	BS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/25/2015 08:11	06/25/2015 13:37	BS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/25/2015 08:11	06/25/2015 13:37	BS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/25/2015 08:11	06/25/2015 13:37	BS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 08:11	06/25/2015 13:37	BS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 08:11	06/25/2015 13:37	BS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 08:11	06/25/2015 13:37	BS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 08:11	06/25/2015 13:37	BS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 08:11	06/25/2015 13:37	BS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 08:11	06/25/2015 13:37	BS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 08:11	06/25/2015 13:37	BS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 08:11	06/25/2015 13:37	BS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 08:11	06/25/2015 13:37	BS
123-91-1	1,4-Dioxane	ND		ug/kg dry	57	110	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/25/2015 08:11	06/25/2015 13:37	BS
78-93-3	2-Butanone	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 08:11	06/25/2015 13:37	BS
591-78-6	2-Hexanone	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 08:11	06/25/2015 13:37	BS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 08:11	06/25/2015 13:37	BS

Sample Information

Client Sample ID: TP-04 **York Sample ID:** 15F0902-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0902	KP14175	Soil	June 22, 2015 3:00 pm	06/23/2015

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
67-64-1	Acetone	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications:	06/25/2015 08:11	06/25/2015 13:37 CTDOH,NELAC-NY10854,NJDEP	BS
107-02-8	Acrolein	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications:	06/25/2015 08:11	06/25/2015 13:37 CTDOH,NELAC-NY10854,NJDEP	BS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/25/2015 08:11	06/25/2015 13:37 CTDOH,NELAC-NY10854,NJDEP	BS
71-43-2	Benzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/25/2015 08:11	06/25/2015 13:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	BS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/25/2015 08:11	06/25/2015 13:37 NELAC-NY10854,NJDEP	BS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/25/2015 08:11	06/25/2015 13:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	BS
75-25-2	Bromoform	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/25/2015 08:11	06/25/2015 13:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	BS
74-83-9	Bromomethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/25/2015 08:11	06/25/2015 13:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	BS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/25/2015 08:11	06/25/2015 13:37 CTDOH,NELAC-NY10854,NJDEP	BS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/25/2015 08:11	06/25/2015 13:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	BS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/25/2015 08:11	06/25/2015 13:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	BS
75-00-3	Chloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/25/2015 08:11	06/25/2015 13:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	BS
67-66-3	Chloroform	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/25/2015 08:11	06/25/2015 13:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	BS
74-87-3	Chloromethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/25/2015 08:11	06/25/2015 13:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	BS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/25/2015 08:11	06/25/2015 13:37 CTDOH,NELAC-NY10854,NJDEP	BS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/25/2015 08:11	06/25/2015 13:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	BS
110-82-7	Cyclohexane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/25/2015 08:11	06/25/2015 13:37 NELAC-NY10854,NJDEP	BS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/25/2015 08:11	06/25/2015 13:37 NELAC-NY10854,NJDEP,PADEP	BS
74-95-3	Dibromomethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/25/2015 08:11	06/25/2015 13:37 NELAC-NY10854,NJDEP	BS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/25/2015 08:11	06/25/2015 13:37 NELAC-NY10854,NJDEP	BS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/25/2015 08:11	06/25/2015 13:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	BS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/25/2015 08:11	06/25/2015 13:37 NELAC-NY10854,NJDEP	BS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/25/2015 08:11	06/25/2015 13:37 CTDOH,NELAC-NY10854,NJDEP	BS
79-20-9	Methyl acetate	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/25/2015 08:11	06/25/2015 13:37 NELAC-NY10854,NJDEP	BS

Sample Information

Client Sample ID: TP-04 **York Sample ID:** 15F0902-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0902	KP14175	Soil	June 22, 2015 3:00 pm	06/23/2015

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	2.9	5.7	1	EPA 8260C Certifications:	06/25/2015 08:11 CTDOH,NELAC-NY10854,NJDEP	06/25/2015 13:37	BS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/25/2015 08:11 NELAC-NY10854,NJDEP	06/25/2015 13:37	BS
75-09-2	Methylene chloride	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications:	06/25/2015 08:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 13:37	BS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/25/2015 08:11 CTDOH,NELAC-NY10854,NJDEP	06/25/2015 13:37	BS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/25/2015 08:11 CTDOH,NELAC-NY10854,NJDEP	06/25/2015 13:37	BS
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/25/2015 08:11 CTDOH,NELAC-NY10854	06/25/2015 13:37	BS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications:	06/25/2015 08:11 CTDOH,NELAC-NY10854	06/25/2015 13:37	BS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/25/2015 08:11 CTDOH,NELAC-NY10854,NJDEP	06/25/2015 13:37	BS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/25/2015 08:11 CTDOH,NELAC-NY10854,NJDEP	06/25/2015 13:37	BS
100-42-5	Styrene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/25/2015 08:11 CTDOH,NELAC-NY10854,NJDEP	06/25/2015 13:37	BS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.9	11	1	EPA 8260C Certifications:	06/25/2015 08:11 NELAC-NY10854,NJDEP	06/25/2015 13:37	BS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/25/2015 08:11 CTDOH,NELAC-NY10854,NJDEP	06/25/2015 13:37	BS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/25/2015 08:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 13:37	BS
108-88-3	Toluene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/25/2015 08:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 13:37	BS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/25/2015 08:11 CTDOH,NELAC-NY10854,NJDEP	06/25/2015 13:37	BS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/25/2015 08:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 13:37	BS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/25/2015 08:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 13:37	BS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/25/2015 08:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 13:37	BS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	06/25/2015 08:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 13:37	BS
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.6	17	1	EPA 8260C Certifications:	06/25/2015 08:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 13:37	BS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.0 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*108 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*105 %*	*76-130*

Semi-Volatiles, PAH Target List

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: TP-04 **York Sample ID:** 15F0902-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0902	KP14175	Soil	June 22, 2015 3:00 pm	06/23/2015

Sample Prepared by Method: EPA 3545A

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	ND		ug/kg dry	365	727	10	EPA 8270D Certifications:	06/24/2015 14:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 13:19	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	365	727	10	EPA 8270D Certifications:	06/24/2015 14:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 13:19	KH
120-12-7	**Anthracene**	**930**		ug/kg dry	365	727	10	EPA 8270D Certifications:	06/24/2015 14:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 13:19	KH
56-55-3	**Benzo(a)anthracene**	**2670**		ug/kg dry	365	727	10	EPA 8270D Certifications:	06/24/2015 14:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 13:19	KH
50-32-8	**Benzo(a)pyrene**	**1110**		ug/kg dry	365	727	10	EPA 8270D Certifications:	06/24/2015 14:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 13:19	KH
205-99-2	**Benzo(b)fluoranthene**	**948**		ug/kg dry	365	727	10	EPA 8270D Certifications:	06/24/2015 14:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 13:19	KH
191-24-2	**Benzo(g,h,i)perylene**	**605**	J	ug/kg dry	365	727	10	EPA 8270D Certifications:	06/24/2015 14:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 13:19	KH
207-08-9	**Benzo(k)fluoranthene**	**1210**		ug/kg dry	365	727	10	EPA 8270D Certifications:	06/24/2015 14:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 13:19	KH
218-01-9	**Chrysene**	**2750**		ug/kg dry	365	727	10	EPA 8270D Certifications:	06/24/2015 14:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 13:19	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	365	727	10	EPA 8270D Certifications:	06/24/2015 14:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 13:19	KH
206-44-0	**Fluoranthene**	**6480**		ug/kg dry	365	727	10	EPA 8270D Certifications:	06/24/2015 14:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 13:19	KH
86-73-7	Fluorene	ND		ug/kg dry	365	727	10	EPA 8270D Certifications:	06/24/2015 14:20 NELAC-NY10854,NJDEP,PADEP	06/25/2015 13:19	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**709**	J	ug/kg dry	365	727	10	EPA 8270D Certifications:	06/24/2015 14:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 13:19	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	365	727	10	EPA 8270D Certifications:	06/24/2015 14:20 CTDOH,NELAC-NY10854,NJDEP	06/25/2015 13:19	KH
91-20-3	Naphthalene	ND		ug/kg dry	365	727	10	EPA 8270D Certifications:	06/24/2015 14:20 CTDOH,NELAC-NY10854,NJDEP	06/25/2015 13:19	KH
85-01-8	**Phenanthrene**	**4490**		ug/kg dry	365	727	10	EPA 8270D Certifications:	06/24/2015 14:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 13:19	KH
129-00-0	**Pyrene**	**4630**		ug/kg dry	365	727	10	EPA 8270D Certifications:	06/24/2015 14:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 13:19	KH

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: Nitrobenzene-d5*	*45.6 %*	*10-95*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*53.0 %*	*10-97*
1718-51-0	*Surrogate: Terphenyl-d14*	*47.8 %*	*19-99*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

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

Sample Information

Client Sample ID: TP-04 **York Sample ID:** 15F0902-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0902	KP14175	Soil	June 22, 2015 3:00 pm	06/23/2015

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**13800**		mg/kg dry	5.81	5.81	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:40	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-36-0	Antimony	ND		mg/kg dry	0.581	0.581	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:40	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**14.4**		mg/kg dry	1.16	1.16	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:40	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**346**		mg/kg dry	1.16	1.16	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:40	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.116	0.116	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:40	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-43-9	**Cadmium**	**1.22**		mg/kg dry	0.349	0.349	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:40	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**15300**		mg/kg dry	0.581	5.81	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:40	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-47-3	**Chromium**	**30.7**		mg/kg dry	0.581	0.581	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:40	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**12.3**		mg/kg dry	0.581	0.581	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:40	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-50-8	**Copper**	**300**		mg/kg dry	0.581	0.581	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:40	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7439-89-6	**Iron**	**28400**		mg/kg dry	2.33	2.33	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:40	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7439-92-1	**Lead**	**608**		mg/kg dry	0.349	0.349	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:40	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**8920**		mg/kg dry	5.81	5.81	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:40	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7439-96-5	**Manganese**	**448**		mg/kg dry	0.581	0.581	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:40	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-02-0	**Nickel**	**18.4**		mg/kg dry	0.581	0.581	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:40	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**2130**		mg/kg dry	5.81	5.81	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:40	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7782-49-2	**Selenium**	**4.50**	B	mg/kg dry	1.16	1.16	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:40	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.581	0.581	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:40	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**162**		mg/kg dry	11.6	11.6	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:40	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.16	1.16	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:40	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-62-2	**Vanadium**	**38.7**		mg/kg dry	1.16	1.16	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:40	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-66-6	**Zinc**	**433**		mg/kg dry	1.16	1.16	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:40	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			

Sample Information

Client Sample ID: TP-04 **York Sample ID:** 15F0902-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0902	KP14175	Soil	June 22, 2015 3:00 pm	06/23/2015

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.802**		mg/kg dry	0.0349	0.0349	1	EPA 7473	06/27/2015 06:15	06/27/2015 09:54	ALD
								Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**86.0**		%	0.100	0.100	1	SM 2540G	06/25/2015 09:42	06/26/2015 10:01	KK
								Certifications: CTDOH			

Sample Information

Client Sample ID: TP-05 **York Sample ID:** 15F0902-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0902	KP14175	Soil	June 22, 2015 3:00 pm	06/23/2015

Semi-Volatiles, PAH Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3545A

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	ND		ug/kg dry	68.3	136	2	EPA 8270D	06/24/2015 14:20	06/25/2015 22:33	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
208-96-8	Acenaphthylene	ND		ug/kg dry	68.3	136	2	EPA 8270D	06/24/2015 14:20	06/25/2015 22:33	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
120-12-7	Anthracene	ND		ug/kg dry	68.3	136	2	EPA 8270D	06/24/2015 14:20	06/25/2015 22:33	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
56-55-3	**Benzo(a)anthracene**	**340**		ug/kg dry	68.3	136	2	EPA 8270D	06/24/2015 14:20	06/25/2015 22:33	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-32-8	**Benzo(a)pyrene**	**142**		ug/kg dry	68.3	136	2	EPA 8270D	06/24/2015 14:20	06/25/2015 22:33	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	**Benzo(b)fluoranthene**	**199**		ug/kg dry	68.3	136	2	EPA 8270D	06/24/2015 14:20	06/25/2015 22:33	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	68.3	136	2	EPA 8270D	06/24/2015 14:20	06/25/2015 22:33	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	**Benzo(k)fluoranthene**	**161**		ug/kg dry	68.3	136	2	EPA 8270D	06/24/2015 14:20	06/25/2015 22:33	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
218-01-9	**Chrysene**	**326**		ug/kg dry	68.3	136	2	EPA 8270D	06/24/2015 14:20	06/25/2015 22:33	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	68.3	136	2	EPA 8270D	06/24/2015 14:20	06/25/2015 22:33	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: **TP-05** **York Sample ID:** **15F0902-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0902	KP14175	Soil	June 22, 2015 3:00 pm	06/23/2015

Semi-Volatiles, PAH Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	**Fluoranthene**	**667**		ug/kg dry	68.3	136	2	EPA 8270D	06/24/2015 14:20	06/25/2015 22:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/kg dry	68.3	136	2	EPA 8270D	06/24/2015 14:20	06/25/2015 22:33	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	68.3	136	2	EPA 8270D	06/24/2015 14:20	06/25/2015 22:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	68.3	136	2	EPA 8270D	06/24/2015 14:20	06/25/2015 22:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
91-20-3	Naphthalene	ND		ug/kg dry	68.3	136	2	EPA 8270D	06/24/2015 14:20	06/25/2015 22:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
85-01-8	**Phenanthrene**	**339**		ug/kg dry	68.3	136	2	EPA 8270D	06/24/2015 14:20	06/25/2015 22:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**568**		ug/kg dry	68.3	136	2	EPA 8270D	06/24/2015 14:20	06/25/2015 22:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: Nitrobenzene-d5*	*59.4 %*	*10-95*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*55.8 %*	*10-97*
1718-51-0	*Surrogate: Terphenyl-d14*	*53.5 %*	*19-99*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**10700**		mg/kg dry	5.45	5.45	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:48	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-36-0	Antimony	ND		mg/kg dry	0.545	0.545	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:48	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**11.6**		mg/kg dry	1.09	1.09	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:48	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**156**		mg/kg dry	1.09	1.09	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:48	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.109	0.109	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:48	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-43-9	**Cadmium**	**0.704**		mg/kg dry	0.327	0.327	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:48	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**3900**		mg/kg dry	0.545	5.45	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:48	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-47-3	**Chromium**	**25.4**		mg/kg dry	0.545	0.545	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:48	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**10.1**		mg/kg dry	0.545	0.545	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:48	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-50-8	**Copper**	**40.7**		mg/kg dry	0.545	0.545	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:48	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: **TP-05** **York Sample ID:** **15F0902-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0902	KP14175	Soil	June 22, 2015 3:00 pm	06/23/2015

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**19500**		mg/kg dry	2.18	2.18	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:48	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7439-92-1	**Lead**	**164**		mg/kg dry	0.327	0.327	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:48	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**5560**		mg/kg dry	5.45	5.45	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:48	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7439-96-5	**Manganese**	**345**		mg/kg dry	0.545	0.545	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:48	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-02-0	**Nickel**	**21.0**		mg/kg dry	0.545	0.545	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:48	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1450**		mg/kg dry	5.45	5.45	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:48	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7782-49-2	**Selenium**	**2.16**	B	mg/kg dry	1.09	1.09	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:48	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.545	0.545	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:48	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**98.5**		mg/kg dry	10.9	10.9	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:48	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.09	1.09	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:48	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-62-2	**Vanadium**	**27.2**		mg/kg dry	1.09	1.09	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:48	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-66-6	**Zinc**	**202**		mg/kg dry	1.09	1.09	1	EPA 6010C	06/28/2015 08:31	06/29/2015 19:48	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.250**		mg/kg dry	0.0327	0.0327	1	EPA 7473	06/27/2015 06:15	06/27/2015 10:06	ALD
								Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.8**		%	0.100	0.100	1	SM 2540G	06/25/2015 09:42	06/26/2015 10:01	KK
								Certifications: CTDOH			

Sample Information

Client Sample ID: TP-06 **York Sample ID:** 15F0902-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0902	KP14175	Soil	June 22, 2015 3:00 pm	06/23/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.68	2.68	5	EPA 8081B Certifications:	06/25/2015 14:00	06/29/2015 19:55	AMC CTDOH,NELAC-NY10854,NJDEP,PADEP
72-55-9	4,4'-DDE	ND		ug/kg dry	2.68	2.68	5	EPA 8081B Certifications:	06/25/2015 14:00	06/29/2015 19:55	AMC CTDOH,NELAC-NY10854,NJDEP,PADEP
50-29-3	4,4'-DDT	ND		ug/kg dry	2.68	2.68	5	EPA 8081B Certifications:	06/25/2015 14:00	06/29/2015 19:55	AMC CTDOH,NELAC-NY10854,NJDEP,PADEP
309-00-2	Aldrin	ND		ug/kg dry	2.68	2.68	5	EPA 8081B Certifications:	06/25/2015 14:00	06/29/2015 19:55	AMC CTDOH,NELAC-NY10854,NJDEP,PADEP
319-84-6	alpha-BHC	ND		ug/kg dry	2.68	2.68	5	EPA 8081B Certifications:	06/25/2015 14:00	06/29/2015 19:55	AMC CTDOH,NELAC-NY10854,NJDEP,PADEP
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.68	2.68	5	EPA 8081B Certifications:	06/25/2015 14:00	06/29/2015 19:55	AMC NELAC-NY10854,NJDEP
319-85-7	beta-BHC	ND		ug/kg dry	2.68	2.68	5	EPA 8081B Certifications:	06/25/2015 14:00	06/29/2015 19:55	AMC CTDOH,NELAC-NY10854,NJDEP,PADEP
57-74-9	Chlordane, total	ND		ug/kg dry	107	107	5	EPA 8081B Certifications:	06/25/2015 14:00	06/29/2015 19:55	AMC CTDOH,NELAC-NY10854,NJDEP,PADEP
319-86-8	delta-BHC	ND		ug/kg dry	2.68	2.68	5	EPA 8081B Certifications:	06/25/2015 14:00	06/29/2015 19:55	AMC CTDOH,NELAC-NY10854,NJDEP,PADEP
60-57-1	Dieldrin	ND		ug/kg dry	2.68	2.68	5	EPA 8081B Certifications:	06/25/2015 14:00	06/29/2015 19:55	AMC CTDOH,NELAC-NY10854,NJDEP,PADEP
959-98-8	Endosulfan I	ND		ug/kg dry	2.68	2.68	5	EPA 8081B Certifications:	06/25/2015 14:00	06/29/2015 19:55	AMC CTDOH,NELAC-NY10854,NJDEP,PADEP
33213-65-9	Endosulfan II	ND		ug/kg dry	2.68	2.68	5	EPA 8081B Certifications:	06/25/2015 14:00	06/29/2015 19:55	AMC CTDOH,NELAC-NY10854,NJDEP,PADEP
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.68	2.68	5	EPA 8081B Certifications:	06/25/2015 14:00	06/29/2015 19:55	AMC CTDOH,NELAC-NY10854,NJDEP,PADEP
72-20-8	Endrin	ND		ug/kg dry	2.68	2.68	5	EPA 8081B Certifications:	06/25/2015 14:00	06/29/2015 19:55	AMC CTDOH,NELAC-NY10854,NJDEP,PADEP
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.68	2.68	5	EPA 8081B Certifications:	06/25/2015 14:00	06/29/2015 19:55	AMC CTDOH,NELAC-NY10854,NJDEP,PADEP
53494-70-5	Endrin ketone	ND		ug/kg dry	2.68	2.68	5	EPA 8081B Certifications:	06/25/2015 14:00	06/29/2015 19:55	AMC CTDOH,NELAC-NY10854,NJDEP
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.68	2.68	5	EPA 8081B Certifications:	06/25/2015 14:00	06/29/2015 19:55	AMC CTDOH,NELAC-NY10854,NJDEP,PADEP
5103-74-2	gamma-Chlordane	ND		ug/kg dry	2.68	2.68	5	EPA 8081B Certifications:	06/25/2015 14:00	06/29/2015 19:55	AMC NELAC-NY10854,NJDEP
76-44-8	Heptachlor	ND		ug/kg dry	2.68	2.68	5	EPA 8081B Certifications:	06/25/2015 14:00	06/29/2015 19:55	AMC CTDOH,NELAC-NY10854,NJDEP,PADEP
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.68	2.68	5	EPA 8081B Certifications:	06/25/2015 14:00	06/29/2015 19:55	AMC CTDOH,NELAC-NY10854,NJDEP,PADEP
72-43-5	Methoxychlor	ND		ug/kg dry	13.4	13.4	5	EPA 8081B Certifications:	06/25/2015 14:00	06/29/2015 19:55	AMC CTDOH,NELAC-NY10854,NJDEP,PADEP
8001-35-2	Toxaphene	ND		ug/kg dry	136	136	5	EPA 8081B Certifications:	06/25/2015 14:00	06/29/2015 19:55	AMC CTDOH,NELAC-NY10854,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*92.1 %*	*30-140*

Sample Information

Client Sample ID: TP-06 **York Sample ID:** 15F0902-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0902	KP14175	Soil	June 22, 2015 3:00 pm	06/23/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*102 %*			*30-140*						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0270	0.0270	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/25/2015 14:00	06/26/2015 22:11	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0270	0.0270	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/25/2015 14:00	06/26/2015 22:11	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0270	0.0270	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/25/2015 14:00	06/26/2015 22:11	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0270	0.0270	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/25/2015 14:00	06/26/2015 22:11	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0270	0.0270	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/25/2015 14:00	06/26/2015 22:11	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0270	0.0270	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/25/2015 14:00	06/26/2015 22:11	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0270	0.0270	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/25/2015 14:00	06/26/2015 22:11	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0270	0.0270	1	EPA 8082A Certifications:	06/25/2015 14:00	06/26/2015 22:11	AMC

Surrogate Recoveries		Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*90.1 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*77.6 %*	*30-140*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9110**		mg/kg dry	5.41	5.41	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/28/2015 08:31	06/29/2015 20:05	ALD
7440-36-0	Antimony	ND		mg/kg dry	0.541	0.541	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2015 08:31	06/29/2015 20:05	ALD
7440-38-2	**Arsenic**	**3.19**		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2015 08:31	06/29/2015 20:05	ALD
7440-39-3	**Barium**	**69.5**		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2015 08:31	06/29/2015 20:05	ALD
7440-41-7	Beryllium	ND		mg/kg dry	0.108	0.108	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/28/2015 08:31	06/29/2015 20:05	ALD
7440-43-9	Cadmium	ND		mg/kg dry	0.325	0.325	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2015 08:31	06/29/2015 20:05	ALD
7440-70-2	**Calcium**	**1480**		mg/kg dry	0.541	5.41	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/28/2015 08:31	06/29/2015 20:05	ALD

Sample Information

Client Sample ID: TP-06 **York Sample ID:** 15F0902-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0902	KP14175	Soil	June 22, 2015 3:00 pm	06/23/2015

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	**Chromium**	**10.9**		mg/kg dry	0.541	0.541	1	EPA 6010C	06/28/2015 08:31	06/29/2015 20:05	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**9.61**		mg/kg dry	0.541	0.541	1	EPA 6010C	06/28/2015 08:31	06/29/2015 20:05	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-50-8	**Copper**	**28.0**		mg/kg dry	0.541	0.541	1	EPA 6010C	06/28/2015 08:31	06/29/2015 20:05	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7439-89-6	**Iron**	**18000**		mg/kg dry	2.16	2.16	1	EPA 6010C	06/28/2015 08:31	06/29/2015 20:05	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7439-92-1	**Lead**	**65.9**		mg/kg dry	0.325	0.325	1	EPA 6010C	06/28/2015 08:31	06/29/2015 20:05	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3240**		mg/kg dry	5.41	5.41	1	EPA 6010C	06/28/2015 08:31	06/29/2015 20:05	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7439-96-5	**Manganese**	**579**		mg/kg dry	0.541	0.541	1	EPA 6010C	06/28/2015 08:31	06/29/2015 20:05	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-02-0	**Nickel**	**12.2**		mg/kg dry	0.541	0.541	1	EPA 6010C	06/28/2015 08:31	06/29/2015 20:05	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**980**		mg/kg dry	5.41	5.41	1	EPA 6010C	06/28/2015 08:31	06/29/2015 20:05	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7782-49-2	**Selenium**	**2.12**	B	mg/kg dry	1.08	1.08	1	EPA 6010C	06/28/2015 08:31	06/29/2015 20:05	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.541	0.541	1	EPA 6010C	06/28/2015 08:31	06/29/2015 20:05	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**83.8**		mg/kg dry	10.8	10.8	1	EPA 6010C	06/28/2015 08:31	06/29/2015 20:05	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.08	1.08	1	EPA 6010C	06/28/2015 08:31	06/29/2015 20:05	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-62-2	**Vanadium**	**21.2**		mg/kg dry	1.08	1.08	1	EPA 6010C	06/28/2015 08:31	06/29/2015 20:05	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-66-6	**Zinc**	**58.1**		mg/kg dry	1.08	1.08	1	EPA 6010C	06/28/2015 08:31	06/29/2015 20:05	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0325	0.0325	1	EPA 7473	06/27/2015 06:15	06/27/2015 10:15	ALD
								Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

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

Sample Information

Client Sample ID: TP-06 **York Sample ID:** 15F0902-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0902	KP14175	Soil	June 22, 2015 3:00 pm	06/23/2015

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.4**		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	06/25/2015 09:42	06/26/2015 10:01	KK

Sample Information

Client Sample ID: TP-07 **York Sample ID:** 15F0902-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0902	KP14175	Soil	June 22, 2015 3:00 pm	06/23/2015

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	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 08:11	06/25/2015 14:07	BS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 08:11	06/25/2015 14:07	BS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 08:11	06/25/2015 14:07	BS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 08:11	06/25/2015 14:07	BS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 08:11	06/25/2015 14:07	BS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 08:11	06/25/2015 14:07	BS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 08:11	06/25/2015 14:07	BS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/25/2015 08:11	06/25/2015 14:07	BS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/25/2015 08:11	06/25/2015 14:07	BS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	06/25/2015 08:11	06/25/2015 14:07	BS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 08:11	06/25/2015 14:07	BS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 08:11	06/25/2015 14:07	BS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/25/2015 08:11	06/25/2015 14:07	BS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 08:11	06/25/2015 14:07	BS

Sample Information

Client Sample ID: TP-07 **York Sample ID:** 15F0902-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0902	KP14175	Soil	June 22, 2015 3:00 pm	06/23/2015

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
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/25/2015 08:11	06/25/2015 14:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	BS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/25/2015 08:11	06/25/2015 14:07 CTDOH,NELAC-NY10854,NJDEP	BS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/25/2015 08:11	06/25/2015 14:07 CTDOH,NELAC-NY10854,NJDEP	BS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/25/2015 08:11	06/25/2015 14:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	BS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/25/2015 08:11	06/25/2015 14:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	BS
123-91-1	1,4-Dioxane	ND		ug/kg dry	50	100	1	EPA 8260C Certifications:	06/25/2015 08:11	06/25/2015 14:07 NELAC-NY10854,NJDEP	BS
78-93-3	2-Butanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/25/2015 08:11	06/25/2015 14:07 CTDOH,NELAC-NY10854,NJDEP	BS
591-78-6	2-Hexanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/25/2015 08:11	06/25/2015 14:07 CTDOH,NELAC-NY10854,NJDEP	BS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/25/2015 08:11	06/25/2015 14:07 CTDOH,NELAC-NY10854,NJDEP	BS
67-64-1	Acetone	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications:	06/25/2015 08:11	06/25/2015 14:07 CTDOH,NELAC-NY10854,NJDEP	BS
107-02-8	Acrolein	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications:	06/25/2015 08:11	06/25/2015 14:07 CTDOH,NELAC-NY10854,NJDEP	BS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/25/2015 08:11	06/25/2015 14:07 CTDOH,NELAC-NY10854,NJDEP	BS
71-43-2	Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/25/2015 08:11	06/25/2015 14:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	BS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/25/2015 08:11	06/25/2015 14:07 NELAC-NY10854,NJDEP	BS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/25/2015 08:11	06/25/2015 14:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	BS
75-25-2	Bromoform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/25/2015 08:11	06/25/2015 14:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	BS
74-83-9	Bromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/25/2015 08:11	06/25/2015 14:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	BS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/25/2015 08:11	06/25/2015 14:07 CTDOH,NELAC-NY10854,NJDEP	BS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/25/2015 08:11	06/25/2015 14:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	BS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/25/2015 08:11	06/25/2015 14:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	BS
75-00-3	Chloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/25/2015 08:11	06/25/2015 14:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	BS
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/25/2015 08:11	06/25/2015 14:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	BS
74-87-3	Chloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/25/2015 08:11	06/25/2015 14:07 CTDOH,NELAC-NY10854,NJDEP,PADEP	BS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/25/2015 08:11	06/25/2015 14:07 CTDOH,NELAC-NY10854,NJDEP	BS

Sample Information

Client Sample ID: TP-07 **York Sample ID:** 15F0902-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0902	KP14175	Soil	June 22, 2015 3:00 pm	06/23/2015

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
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/25/2015 08:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 14:07	BS
110-82-7	Cyclohexane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/25/2015 08:11 NELAC-NY10854,NJDEP	06/25/2015 14:07	BS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/25/2015 08:11 NELAC-NY10854,NJDEP,PADEP	06/25/2015 14:07	BS
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/25/2015 08:11 NELAC-NY10854,NJDEP	06/25/2015 14:07	BS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/25/2015 08:11 NELAC-NY10854,NJDEP	06/25/2015 14:07	BS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/25/2015 08:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 14:07	BS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/25/2015 08:11 NELAC-NY10854,NJDEP	06/25/2015 14:07	BS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/25/2015 08:11 CTDOH,NELAC-NY10854,NJDEP	06/25/2015 14:07	BS
79-20-9	Methyl acetate	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/25/2015 08:11 NELAC-NY10854,NJDEP	06/25/2015 14:07	BS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/25/2015 08:11 CTDOH,NELAC-NY10854,NJDEP	06/25/2015 14:07	BS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/25/2015 08:11 NELAC-NY10854,NJDEP	06/25/2015 14:07	BS
75-09-2	Methylene chloride	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications:	06/25/2015 08:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 14:07	BS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/25/2015 08:11 CTDOH,NELAC-NY10854,NJDEP	06/25/2015 14:07	BS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/25/2015 08:11 CTDOH,NELAC-NY10854,NJDEP	06/25/2015 14:07	BS
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/25/2015 08:11 CTDOH,NELAC-NY10854	06/25/2015 14:07	BS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications:	06/25/2015 08:11 CTDOH,NELAC-NY10854	06/25/2015 14:07	BS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/25/2015 08:11 CTDOH,NELAC-NY10854,NJDEP	06/25/2015 14:07	BS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/25/2015 08:11 CTDOH,NELAC-NY10854,NJDEP	06/25/2015 14:07	BS
100-42-5	Styrene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/25/2015 08:11 CTDOH,NELAC-NY10854,NJDEP	06/25/2015 14:07	BS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.5	10	1	EPA 8260C Certifications:	06/25/2015 08:11 NELAC-NY10854,NJDEP	06/25/2015 14:07	BS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/25/2015 08:11 CTDOH,NELAC-NY10854,NJDEP	06/25/2015 14:07	BS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/25/2015 08:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 14:07	BS
108-88-3	Toluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/25/2015 08:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 14:07	BS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications:	06/25/2015 08:11 CTDOH,NELAC-NY10854,NJDEP	06/25/2015 14:07	BS

Sample Information

Client Sample ID: TP-07 **York Sample ID:** 15F0902-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0902	KP14175	Soil	June 22, 2015 3:00 pm	06/23/2015

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
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 08:11	06/25/2015 14:07	BS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 08:11	06/25/2015 14:07	BS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 08:11	06/25/2015 14:07	BS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 08:11	06/25/2015 14:07	BS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.6	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/25/2015 08:11	06/25/2015 14:07	BS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*91.4 %*	*76-130*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8470**		mg/kg dry	5.40	5.40	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/28/2015 08:31	06/29/2015 20:10	ALD
7440-36-0	Antimony	ND		mg/kg dry	0.540	0.540	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2015 08:31	06/29/2015 20:10	ALD
7440-38-2	**Arsenic**	**2.89**		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2015 08:31	06/29/2015 20:10	ALD
7440-39-3	**Barium**	**50.2**		mg/kg dry	1.08	1.08	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2015 08:31	06/29/2015 20:10	ALD
7440-41-7	Beryllium	ND		mg/kg dry	0.108	0.108	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/28/2015 08:31	06/29/2015 20:10	ALD
7440-43-9	Cadmium	ND		mg/kg dry	0.324	0.324	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2015 08:31	06/29/2015 20:10	ALD
7440-70-2	**Calcium**	**1760**		mg/kg dry	0.540	5.40	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/28/2015 08:31	06/29/2015 20:10	ALD
7440-47-3	**Chromium**	**11.6**		mg/kg dry	0.540	0.540	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2015 08:31	06/29/2015 20:10	ALD
7440-48-4	**Cobalt**	**8.05**		mg/kg dry	0.540	0.540	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/28/2015 08:31	06/29/2015 20:10	ALD
7440-50-8	**Copper**	**20.7**		mg/kg dry	0.540	0.540	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/28/2015 08:31	06/29/2015 20:10	ALD
7439-89-6	**Iron**	**15200**		mg/kg dry	2.16	2.16	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/28/2015 08:31	06/29/2015 20:10	ALD
7439-92-1	**Lead**	**60.2**		mg/kg dry	0.324	0.324	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2015 08:31	06/29/2015 20:10	ALD

Sample Information

Client Sample ID: **TP-07** **York Sample ID:** **15F0902-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0902	KP14175	Soil	June 22, 2015 3:00 pm	06/23/2015

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	**Magnesium**	**3550**		mg/kg dry	5.40	5.40	1	EPA 6010C	06/28/2015 08:31	06/29/2015 20:10	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7439-96-5	**Manganese**	**314**		mg/kg dry	0.540	0.540	1	EPA 6010C	06/28/2015 08:31	06/29/2015 20:10	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-02-0	**Nickel**	**12.7**		mg/kg dry	0.540	0.540	1	EPA 6010C	06/28/2015 08:31	06/29/2015 20:10	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**941**		mg/kg dry	5.40	5.40	1	EPA 6010C	06/28/2015 08:31	06/29/2015 20:10	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7782-49-2	**Selenium**	**1.14**	B	mg/kg dry	1.08	1.08	1	EPA 6010C	06/28/2015 08:31	06/29/2015 20:10	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.540	0.540	1	EPA 6010C	06/28/2015 08:31	06/29/2015 20:10	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**80.0**		mg/kg dry	10.8	10.8	1	EPA 6010C	06/28/2015 08:31	06/29/2015 20:10	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.08	1.08	1	EPA 6010C	06/28/2015 08:31	06/29/2015 20:10	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-62-2	**Vanadium**	**17.5**		mg/kg dry	1.08	1.08	1	EPA 6010C	06/28/2015 08:31	06/29/2015 20:10	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-66-6	**Zinc**	**53.9**		mg/kg dry	1.08	1.08	1	EPA 6010C	06/28/2015 08:31	06/29/2015 20:10	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.286**		mg/kg dry	0.0324	0.0324	1	EPA 7473	06/27/2015 06:15	06/27/2015 10:24	ALD
								Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.6**		%	0.100	0.100	1	SM 2540G	06/25/2015 09:42	06/26/2015 10:01	KK
								Certifications:	CTDOH		

Sample Information

Client Sample ID: **TP-08** **York Sample ID:** **15F0902-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0902	KP14175	Soil	June 22, 2015 3:00 pm	06/23/2015

Sample Information

Client Sample ID: **TP-08** **York Sample ID:** **15F0902-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0902	KP14175	Soil	June 22, 2015 3:00 pm	06/23/2015

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.87	2.87	5	EPA 8081B Certifications:	06/25/2015 14:00	06/29/2015 20:10	AMC CTDOH,NELAC-NY10854,NJDEP,PADEP
72-55-9	4,4'-DDE	ND		ug/kg dry	2.87	2.87	5	EPA 8081B Certifications:	06/25/2015 14:00	06/29/2015 20:10	AMC CTDOH,NELAC-NY10854,NJDEP,PADEP
50-29-3	**4,4'-DDT**	**31.8**		ug/kg dry	2.87	2.87	5	EPA 8081B Certifications:	06/25/2015 14:00	06/29/2015 20:10	AMC CTDOH,NELAC-NY10854,NJDEP,PADEP
309-00-2	Aldrin	ND		ug/kg dry	2.87	2.87	5	EPA 8081B Certifications:	06/25/2015 14:00	06/29/2015 20:10	AMC CTDOH,NELAC-NY10854,NJDEP,PADEP
319-84-6	alpha-BHC	ND		ug/kg dry	2.87	2.87	5	EPA 8081B Certifications:	06/25/2015 14:00	06/29/2015 20:10	AMC CTDOH,NELAC-NY10854,NJDEP,PADEP
5103-71-9	**alpha-Chlordane**	**146**		ug/kg dry	2.87	2.87	5	EPA 8081B Certifications:	06/25/2015 14:00	06/29/2015 20:10	AMC NELAC-NY10854,NJDEP
319-85-7	beta-BHC	ND		ug/kg dry	2.87	2.87	5	EPA 8081B Certifications:	06/25/2015 14:00	06/29/2015 20:10	AMC CTDOH,NELAC-NY10854,NJDEP,PADEP
57-74-9	**Chlordane, total**	**1310**		ug/kg dry	115	115	5	EPA 8081B Certifications:	06/25/2015 14:00	06/29/2015 20:10	AMC CTDOH,NELAC-NY10854,NJDEP,PADEP
319-86-8	delta-BHC	ND		ug/kg dry	2.87	2.87	5	EPA 8081B Certifications:	06/25/2015 14:00	06/29/2015 20:10	AMC CTDOH,NELAC-NY10854,NJDEP,PADEP
60-57-1	Dieldrin	ND		ug/kg dry	2.87	2.87	5	EPA 8081B Certifications:	06/25/2015 14:00	06/29/2015 20:10	AMC CTDOH,NELAC-NY10854,NJDEP,PADEP
959-98-8	Endosulfan I	ND		ug/kg dry	2.87	2.87	5	EPA 8081B Certifications:	06/25/2015 14:00	06/29/2015 20:10	AMC CTDOH,NELAC-NY10854,NJDEP,PADEP
33213-65-9	Endosulfan II	ND		ug/kg dry	2.87	2.87	5	EPA 8081B Certifications:	06/25/2015 14:00	06/29/2015 20:10	AMC CTDOH,NELAC-NY10854,NJDEP,PADEP
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.87	2.87	5	EPA 8081B Certifications:	06/25/2015 14:00	06/29/2015 20:10	AMC CTDOH,NELAC-NY10854,NJDEP,PADEP
72-20-8	Endrin	ND		ug/kg dry	2.87	2.87	5	EPA 8081B Certifications:	06/25/2015 14:00	06/29/2015 20:10	AMC CTDOH,NELAC-NY10854,NJDEP,PADEP
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.87	2.87	5	EPA 8081B Certifications:	06/25/2015 14:00	06/29/2015 20:10	AMC CTDOH,NELAC-NY10854,NJDEP,PADEP
53494-70-5	Endrin ketone	ND		ug/kg dry	2.87	2.87	5	EPA 8081B Certifications:	06/25/2015 14:00	06/29/2015 20:10	AMC CTDOH,NELAC-NY10854,NJDEP
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.87	2.87	5	EPA 8081B Certifications:	06/25/2015 14:00	06/29/2015 20:10	AMC CTDOH,NELAC-NY10854,NJDEP,PADEP
5103-74-2	**gamma-Chlordane**	**159**		ug/kg dry	2.87	2.87	5	EPA 8081B Certifications:	06/25/2015 14:00	06/29/2015 20:10	AMC NELAC-NY10854,NJDEP
76-44-8	Heptachlor	ND		ug/kg dry	2.87	2.87	5	EPA 8081B Certifications:	06/25/2015 14:00	06/29/2015 20:10	AMC CTDOH,NELAC-NY10854,NJDEP,PADEP
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.87	2.87	5	EPA 8081B Certifications:	06/25/2015 14:00	06/29/2015 20:10	AMC CTDOH,NELAC-NY10854,NJDEP,PADEP
72-43-5	Methoxychlor	ND		ug/kg dry	14.3	14.3	5	EPA 8081B Certifications:	06/25/2015 14:00	06/29/2015 20:10	AMC CTDOH,NELAC-NY10854,NJDEP,PADEP
8001-35-2	Toxaphene	ND		ug/kg dry	145	145	5	EPA 8081B Certifications:	06/25/2015 14:00	06/29/2015 20:10	AMC CTDOH,NELAC-NY10854,NJDEP

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: TP-08 **York Sample ID:** 15F0902-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0902	KP14175	Soil	June 22, 2015 3:00 pm	06/23/2015

Pesticides, 8081 target list

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*80.5 %*			*30-140*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*98.7 %*			*30-140*						

Polychlorinated Biphenyls (PCB)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0290	0.0290	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/25/2015 14:00	06/26/2015 22:40	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0290	0.0290	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/25/2015 14:00	06/26/2015 22:40	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0290	0.0290	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/25/2015 14:00	06/26/2015 22:40	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0290	0.0290	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/25/2015 14:00	06/26/2015 22:40	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0290	0.0290	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/25/2015 14:00	06/26/2015 22:40	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0290	0.0290	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/25/2015 14:00	06/26/2015 22:40	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0290	0.0290	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	06/25/2015 14:00	06/26/2015 22:40	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0290	0.0290	1	EPA 8082A Certifications:	06/25/2015 14:00	06/26/2015 22:40	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*88.7 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*85.1 %*	*30-140*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**14300**		mg/kg dry	5.80	5.80	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/28/2015 08:31	06/29/2015 20:15	ALD
7440-36-0	Antimony	ND		mg/kg dry	0.580	0.580	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2015 08:31	06/29/2015 20:15	ALD
7440-38-2	**Arsenic**	**23.1**		mg/kg dry	1.16	1.16	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2015 08:31	06/29/2015 20:15	ALD
7440-39-3	**Barium**	**226**		mg/kg dry	1.16	1.16	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2015 08:31	06/29/2015 20:15	ALD
7440-41-7	Beryllium	ND		mg/kg dry	0.116	0.116	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	06/28/2015 08:31	06/29/2015 20:15	ALD
7440-43-9	**Cadmium**	**0.837**		mg/kg dry	0.348	0.348	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	06/28/2015 08:31	06/29/2015 20:15	ALD

Sample Information

Client Sample ID: TP-08 **York Sample ID:** 15F0902-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0902	KP14175	Soil	June 22, 2015 3:00 pm	06/23/2015

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	**Calcium**	**11500**		mg/kg dry	0.580	5.80	1	EPA 6010C	06/28/2015 08:31	06/29/2015 20:15	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-47-3	**Chromium**	**45.2**		mg/kg dry	0.580	0.580	1	EPA 6010C	06/28/2015 08:31	06/29/2015 20:15	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**12.6**		mg/kg dry	0.580	0.580	1	EPA 6010C	06/28/2015 08:31	06/29/2015 20:15	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-50-8	**Copper**	**49.6**		mg/kg dry	0.580	0.580	1	EPA 6010C	06/28/2015 08:31	06/29/2015 20:15	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7439-89-6	**Iron**	**25800**		mg/kg dry	2.32	2.32	1	EPA 6010C	06/28/2015 08:31	06/29/2015 20:15	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7439-92-1	**Lead**	**345**		mg/kg dry	0.348	0.348	1	EPA 6010C	06/28/2015 08:31	06/29/2015 20:15	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**7100**		mg/kg dry	5.80	5.80	1	EPA 6010C	06/28/2015 08:31	06/29/2015 20:15	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7439-96-5	**Manganese**	**451**		mg/kg dry	0.580	0.580	1	EPA 6010C	06/28/2015 08:31	06/29/2015 20:15	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-02-0	**Nickel**	**35.2**		mg/kg dry	0.580	0.580	1	EPA 6010C	06/28/2015 08:31	06/29/2015 20:15	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1950**		mg/kg dry	5.80	5.80	1	EPA 6010C	06/28/2015 08:31	06/29/2015 20:15	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7782-49-2	**Selenium**	**3.48**	B	mg/kg dry	1.16	1.16	1	EPA 6010C	06/28/2015 08:31	06/29/2015 20:15	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.580	0.580	1	EPA 6010C	06/28/2015 08:31	06/29/2015 20:15	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**134**		mg/kg dry	11.6	11.6	1	EPA 6010C	06/28/2015 08:31	06/29/2015 20:15	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.16	1.16	1	EPA 6010C	06/28/2015 08:31	06/29/2015 20:15	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-62-2	**Vanadium**	**35.2**		mg/kg dry	1.16	1.16	1	EPA 6010C	06/28/2015 08:31	06/29/2015 20:15	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-66-6	**Zinc**	**302**		mg/kg dry	1.16	1.16	1	EPA 6010C	06/28/2015 08:31	06/29/2015 20:15	ALD
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.696**		mg/kg dry	0.0348	0.0348	1	EPA 7473	06/27/2015 06:15	06/27/2015 10:33	ALD
								Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: **TP-08** **York Sample ID:** **15F0902-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15F0902	KP14175	Soil	June 22, 2015 3:00 pm	06/23/2015

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**86.3**		%	0.100	0.100	1	SM 2540G	06/25/2015 09:42	06/26/2015 10:01	KK
								Certifications: CTDOH			

Analytical Batch Summary

Batch ID: BF51220 **Preparation Method:** EPA 3545A **Prepared By:** SA

YORK Sample ID	Client Sample ID	Preparation Date
15F0902-01	TP-01	06/24/15
15F0902-02	TP-02	06/24/15
15F0902-04	TP-04	06/24/15
15F0902-05	TP-05	06/24/15
BF51220-BLK1	Blank	06/24/15
BF51220-BS1	LCS	06/24/15
BF51220-BSD1	LCS Dup	06/24/15

Batch ID: BF51260 **Preparation Method:** EPA 5035A **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
15F0902-03	TP-03	06/25/15
15F0902-04	TP-04	06/25/15
15F0902-07	TP-07	06/25/15
BF51260-BLK1	Blank	06/25/15
BF51260-BS1	LCS	06/25/15
BF51260-BSD1	LCS Dup	06/25/15

Batch ID: BF51268 **Preparation Method:** % Solids Prep **Prepared By:** KK

YORK Sample ID	Client Sample ID	Preparation Date
15F0902-01	TP-01	06/25/15
15F0902-02	TP-02	06/25/15
15F0902-03	TP-03	06/25/15
15F0902-04	TP-04	06/25/15
15F0902-05	TP-05	06/25/15
15F0902-06	TP-06	06/25/15
15F0902-07	TP-07	06/25/15
15F0902-08	TP-08	06/25/15

Batch ID: BF51298 **Preparation Method:** EPA 3545A **Prepared By:** SA

YORK Sample ID	Client Sample ID	Preparation Date
15F0902-03	TP-03	06/25/15
15F0902-03	TP-03	06/25/15
15F0902-06	TP-06	06/25/15
15F0902-06	TP-06	06/25/15
15F0902-08	TP-08	06/25/15
15F0902-08	TP-08	06/25/15
BF51298-BLK1	Blank	06/25/15
BF51298-BLK1	Blank	06/25/15
BF51298-BS1	LCS	06/25/15
BF51298-BS2	LCS	06/25/15
BF51298-BSD2	LCS Dup	06/25/15

BF51298-MS2	Matrix Spike	06/25/15

Batch ID: BF51377 **Preparation Method:** EPA 7473 soil **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
15F0902-01	TP-01	06/27/15
15F0902-02	TP-02	06/27/15
15F0902-03	TP-03	06/27/15
15F0902-04	TP-04	06/27/15
15F0902-05	TP-05	06/27/15
15F0902-06	TP-06	06/27/15
15F0902-07	TP-07	06/27/15
15F0902-08	TP-08	06/27/15
BF51377-BLK1	Blank	06/27/15
BF51377-SRM1	Reference	06/27/15

Batch ID: BF51399 **Preparation Method:** EPA 3050B **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
15F0902-01	TP-01	06/28/15
15F0902-02	TP-02	06/28/15
15F0902-03	TP-03	06/28/15
15F0902-04	TP-04	06/28/15
15F0902-05	TP-05	06/28/15
15F0902-06	TP-06	06/28/15
15F0902-07	TP-07	06/28/15
15F0902-08	TP-08	06/28/15
BF51399-BLK1	Blank	06/28/15
BF51399-DUP1	Duplicate	06/28/15
BF51399-MS1	Matrix Spike	06/28/15
BF51399-SRM1	Reference	06/28/15

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51260 - EPA 5035A											
Blank (BF51260-BLK1)											Prepared & Analyzed: 06/25/2015
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	3.4	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Cyclohexane	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylcyclohexane	ND	5.0	"								
Methylene chloride	ND	10	"								
n-Butylbenzene	ND	5.0	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51260 - EPA 5035A											
Blank (BF51260-BLK1)									Prepared & Analyzed: 06/25/2015		
n-Propylbenzene	ND	5.0	ug/kg wet								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butyl alcohol (TBA)	ND	10	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: 1,2-Dichloroethane-d4	*53.0*		*ug/L*	*50.0*		*106*	*77-125*				
Surrogate: Toluene-d8	*50.1*		*"*	*50.0*		*100*	*85-120*				
Surrogate: p-Bromofluorobenzene	*47.2*		*"*	*50.0*		*94.3*	*76-130*				
LCS (BF51260-BS1)									Prepared & Analyzed: 06/25/2015		
1,1,1,2-Tetrachloroethane	52		ug/L	50.0		104	75-129				
1,1,1-Trichloroethane	50		"	50.0		99.8	71-137				
1,1,2,2-Tetrachloroethane	54		"	50.0		108	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	52		"	50.0		104	58-146				
1,1,2-Trichloroethane	50		"	50.0		99.3	83-123				
1,1-Dichloroethane	50		"	50.0		100	75-130				
1,1-Dichloroethylene	48		"	50.0		95.5	64-137				
1,2,3-Trichlorobenzene	46		"	50.0		92.9	81-140				
1,2,3-Trichloropropane	54		"	50.0		108	81-126				
1,2,4-Trichlorobenzene	50		"	50.0		100	80-141				
1,2,4-Trimethylbenzene	51		"	50.0		102	84-125				
1,2-Dibromo-3-chloropropane	49		"	50.0		98.3	74-142				
1,2-Dibromoethane	50		"	50.0		99.7	86-123				
1,2-Dichlorobenzene	51		"	50.0		101	85-122				
1,2-Dichloroethane	48		"	50.0		96.1	71-133				
1,2-Dichloropropane	50		"	50.0		99.1	81-122				
1,3,5-Trimethylbenzene	50		"	50.0		101	82-126				
1,3-Dichlorobenzene	51		"	50.0		102	84-124				
1,4-Dichlorobenzene	50		"	50.0		101	84-124				
1,4-Dioxane	1100		"	1000		112	10-228				
2-Butanone	57		"	50.0		114	58-147				
2-Hexanone	52		"	50.0		104	70-139				
4-Methyl-2-pentanone	48		"	50.0		96.8	72-132				
Acetone	52		"	50.0		105	36-155				
Acrolein	64		"	50.0		129	10-238				
Acrylonitrile	54		"	50.0		108	66-141				
Benzene	49		"	50.0		98.3	77-127				
Bromochloromethane	53		"	50.0		105	74-129				
Bromodichloromethane	50		"	50.0		100	81-124				
Bromoform	52		"	50.0		103	80-136				
Bromomethane	59		"	50.0		117	32-177				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51260 - EPA 5035A											
LCS (BF51260-BS1)								Prepared & Analyzed: 06/25/2015			
Carbon disulfide	47		ug/L	50.0		93.7	10-136				
Carbon tetrachloride	47		"	50.0		94.4	66-143				
Chlorobenzene	49		"	50.0		97.6	86-120				
Chloroethane	55		"	50.0		110	51-142				
Chloroform	48		"	50.0		95.6	76-131				
Chloromethane	44		"	50.0		88.8	49-132				
cis-1,2-Dichloroethylene	51		"	50.0		102	74-132				
cis-1,3-Dichloropropylene	51		"	50.0		102	81-129				
Cyclohexane	52		"	50.0		105	70-130				
Dibromochloromethane	51		"	50.0		102	10-200				
Dibromomethane	49		"	50.0		97.6	83-124				
Dichlorodifluoromethane	55		"	50.0		110	28-158				
Ethyl Benzene	49		"	50.0		98.9	84-125				
Hexachlorobutadiene	49		"	50.0		98.5	83-133				
Isopropylbenzene	53		"	50.0		106	81-127				
Methyl acetate	51		"	50.0		103	41-143				
Methyl tert-butyl ether (MTBE)	50		"	50.0		100	74-131				
Methylcyclohexane	50		"	50.0		101	70-130				
Methylene chloride	49		"	50.0		98.5	57-141				
n-Butylbenzene	51		"	50.0		102	80-130				
n-Propylbenzene	52		"	50.0		104	74-136				
o-Xylene	49		"	50.0		98.1	83-123				
p- & m- Xylenes	94		"	100		94.2	82-128				
p-Isopropyltoluene	50		"	50.0		99.8	85-125				
sec-Butylbenzene	53		"	50.0		106	83-125				
Styrene	48		"	50.0		96.1	86-126				
tert-Butyl alcohol (TBA)	49		"	50.0		97.3	70-130				
tert-Butylbenzene	53		"	50.0		106	80-127				
Tetrachloroethylene	51		"	50.0		101	80-129				
Toluene	50		"	50.0		99.3	85-121				
trans-1,2-Dichloroethylene	51		"	50.0		101	72-132				
trans-1,3-Dichloropropylene	51		"	50.0		102	78-132				
Trichloroethylene	49		"	50.0		97.8	84-123				
Trichlorofluoromethane	52		"	50.0		103	62-140				
Vinyl Chloride	53		"	50.0		106	52-130				
Surrogate: 1,2-Dichloroethane-d4	*49.1*		*"*	*50.0*		*98.2*	*77-125*				
Surrogate: Toluene-d8	*50.2*		*"*	*50.0*		*100*	*85-120*				
Surrogate: p-Bromofluorobenzene	*51.5*		*"*	*50.0*		*103*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51260 - EPA 5035A											
LCS Dup (BF51260-BSD1)								Prepared & Analyzed: 06/25/2015			
1,1,1,2-Tetrachloroethane	51		ug/L	50.0		102	75-129		2.64	30	
1,1,1-Trichloroethane	51		"	50.0		103	71-137		2.85	30	
1,1,2,2-Tetrachloroethane	50		"	50.0		101	79-129		6.98	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	53		"	50.0		106	58-146		1.30	30	
1,1,2-Trichloroethane	49		"	50.0		98.4	83-123		0.971	30	
1,1-Dichloroethane	51		"	50.0		103	75-130		2.58	30	
1,1-Dichloroethylene	50		"	50.0		100	64-137		4.72	30	
1,2,3-Trichlorobenzene	51		"	50.0		101	81-140		8.56	30	
1,2,3-Trichloropropane	50		"	50.0		100	81-126		7.07	30	
1,2,4-Trichlorobenzene	51		"	50.0		102	80-141		1.37	30	
1,2,4-Trimethylbenzene	52		"	50.0		104	84-125		1.93	30	
1,2-Dibromo-3-chloropropane	48		"	50.0		95.3	74-142		3.14	30	
1,2-Dibromoethane	49		"	50.0		98.8	86-123		0.947	30	
1,2-Dichlorobenzene	53		"	50.0		107	85-122		4.89	30	
1,2-Dichloroethane	49		"	50.0		98.1	71-133		2.08	30	
1,2-Dichloropropane	49		"	50.0		98.1	81-122		1.01	30	
1,3,5-Trimethylbenzene	51		"	50.0		103	82-126		2.12	30	
1,3-Dichlorobenzene	51		"	50.0		103	84-124		1.04	30	
1,4-Dichlorobenzene	52		"	50.0		104	84-124		3.34	30	
1,4-Dioxane	1100		"	1000		109	10-228		2.28	30	
2-Butanone	62		"	50.0		123	58-147		7.73	30	
2-Hexanone	50		"	50.0		100	70-139		3.89	30	
4-Methyl-2-pentanone	46		"	50.0		92.4	72-132		4.69	30	
Acetone	66		"	50.0		131	36-155		22.1	30	
Acrolein	63		"	50.0		125	10-238		2.78	30	
Acrylonitrile	51		"	50.0		103	66-141		4.88	30	
Benzene	51		"	50.0		102	77-127		3.81	30	
Bromochloromethane	53		"	50.0		106	74-129		0.569	30	
Bromodichloromethane	50		"	50.0		99.9	81-124		0.180	30	
Bromoform	53		"	50.0		105	80-136		1.96	30	
Bromomethane	57		"	50.0		115	32-177		2.45	30	
Carbon disulfide	50		"	50.0		99.5	10-136		6.00	30	
Carbon tetrachloride	50		"	50.0		99.7	66-143		5.42	30	
Chlorobenzene	51		"	50.0		102	86-120		4.41	30	
Chloroethane	54		"	50.0		108	51-142		1.45	30	
Chloroform	51		"	50.0		103	76-131		7.26	30	
Chloromethane	46		"	50.0		92.0	49-132		3.58	30	
cis-1,2-Dichloroethylene	52		"	50.0		105	74-132		2.77	30	
cis-1,3-Dichloropropylene	49		"	50.0		98.8	81-129		3.56	30	
Cyclohexane	53		"	50.0		106	70-130		1.44	30	
Dibromochloromethane	51		"	50.0		102	10-200		0.392	30	
Dibromomethane	48		"	50.0		96.2	83-124		1.40	30	
Dichlorodifluoromethane	54		"	50.0		108	28-158		1.07	30	
Ethyl Benzene	51		"	50.0		101	84-125		2.36	30	
Hexachlorobutadiene	53		"	50.0		105	83-133		6.67	30	
Isopropylbenzene	54		"	50.0		109	81-127		2.61	30	
Methyl acetate	52		"	50.0		104	41-143		0.795	30	
Methyl tert-butyl ether (MTBE)	50		"	50.0		100	74-131		0.399	30	
Methylcyclohexane	51		"	50.0		102	70-130		0.948	30	
Methylene chloride	51		"	50.0		101	57-141		2.65	30	
n-Butylbenzene	54		"	50.0		107	80-130		4.43	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51260 - EPA 5035A											
LCS Dup (BF51260-BSD1)								Prepared & Analyzed: 06/25/2015			
n-Propylbenzene	53		ug/L	50.0		106	74-136		2.14	30	
o-Xylene	49		"	50.0		97.6	83-123		0.552	30	
p- & m- Xylenes	98		"	100		97.8	82-128		3.73	30	
p-Isopropyltoluene	52		"	50.0		105	85-125		4.91	30	
sec-Butylbenzene	53		"	50.0		105	83-125		0.927	30	
Styrene	49		"	50.0		98.9	86-126		2.83	30	
tert-Butyl alcohol (TBA)	44		"	50.0		88.4	70-130		9.54	30	
tert-Butylbenzene	54		"	50.0		108	80-127		1.87	30	
Tetrachloroethylene	52		"	50.0		105	80-129		3.13	30	
Toluene	50		"	50.0		99.6	85-121		0.342	30	
trans-1,2-Dichloroethylene	52		"	50.0		104	72-132		2.42	30	
trans-1,3-Dichloropropylene	50		"	50.0		99.3	78-132		2.82	30	
Trichloroethylene	49		"	50.0		97.1	84-123		0.677	30	
Trichlorofluoromethane	52		"	50.0		104	62-140		0.444	30	
Vinyl Chloride	56		"	50.0		111	52-130		5.17	30	
Surrogate: 1,2-Dichloroethane-d4	*48.6*		*"*	*50.0*		*97.1*	*77-125*				
Surrogate: Toluene-d8	*49.7*		*"*	*50.0*		*99.4*	*85-120*				
Surrogate: p-Bromofluorobenzene	*52.4*		*"*	*50.0*		*105*	*76-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51220 - EPA 3545A											
Blank (BF51220-BLK1)									Prepared: 06/24/2015 Analyzed: 06/25/2015		
Acenaphthene	ND	62.6	ug/kg wet								
Acenaphthylene	ND	62.6	"								
Anthracene	ND	62.6	"								
Benzo(a)anthracene	ND	62.6	"								
Benzo(a)pyrene	ND	62.6	"								
Benzo(b)fluoranthene	ND	62.6	"								
Benzo(g,h,i)perylene	ND	62.6	"								
Benzo(k)fluoranthene	ND	62.6	"								
Chrysene	ND	62.6	"								
Dibenzo(a,h)anthracene	ND	62.6	"								
Fluoranthene	ND	62.6	"								
Fluorene	ND	62.6	"								
Indeno(1,2,3-cd)pyrene	ND	62.6	"								
2-Methylnaphthalene	ND	62.6	"								
Naphthalene	ND	62.6	"								
Phenanthrene	ND	62.6	"								
Pyrene	ND	62.6	"								
Surrogate: Nitrobenzene-d5	*1960*		*"*	*2500*		*78.5*	*10-95*				
Surrogate: 2-Fluorobiphenyl	*1620*		*"*	*2510*		*64.6*	*10-97*				
Surrogate: Terphenyl-d14	*1580*		*"*	*2510*		*63.0*	*19-99*				
LCS (BF51220-BS1)									Prepared: 06/24/2015 Analyzed: 06/25/2015		
Acenaphthene	1750	62.6	ug/kg wet	2500		70.1	17-124				
Acenaphthylene	1680	62.6	"	2500		67.4	16-124				
Anthracene	1720	62.6	"	2500		68.9	24-124				
Benzo(a)anthracene	1920	62.6	"	2500		76.9	25-134				
Benzo(a)pyrene	2840	62.6	"	2500		114	29-144				
Benzo(b)fluoranthene	2650	62.6	"	2500		106	20-151				
Benzo(g,h,i)perylene	3840	62.6	"	2500		153	10-153				
Benzo(k)fluoranthene	2130	62.6	"	2500		85.0	10-148				
Chrysene	2090	62.6	"	2500		83.5	24-116				
Dibenzo(a,h)anthracene	3360	62.6	"	2500		134	17-147				
Fluoranthene	1740	62.6	"	2500		69.5	36-125				
Fluorene	1690	62.6	"	2500		67.5	16-130				
Indeno(1,2,3-cd)pyrene	3290	62.6	"	2500		131	10-155				
2-Methylnaphthalene	1600	62.6	"	2500		64.1	16-127				
Naphthalene	1710	62.6	"	2500		68.6	20-121				
Phenanthrene	1920	62.6	"	2500		76.6	24-123				
Pyrene	2070	62.6	"	2500		82.7	24-132				
Surrogate: Nitrobenzene-d5	*2020*		*"*	*2500*		*80.8*	*10-95*				
Surrogate: 2-Fluorobiphenyl	*1380*		*"*	*2510*		*54.8*	*10-97*				
Surrogate: Terphenyl-d14	*1880*		*"*	*2510*		*75.1*	*19-99*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51220 - EPA 3545A											
LCS Dup (BF51220-BSD1)									Prepared: 06/24/2015 Analyzed: 06/25/2015		
Acenaphthene	1680	62.6	ug/kg wet	2500		67.0	17-124		4.47	30	
Acenaphthylene	1580	62.6	"	2500		63.3	16-124		6.25	30	
Anthracene	1630	62.6	"	2500		65.2	24-124		5.55	30	
Benzo(a)anthracene	1910	62.6	"	2500		76.2	25-134		0.940	30	
Benzo(a)pyrene	2760	62.6	"	2500		111	29-144		2.87	30	
Benzo(b)fluoranthene	2540	62.6	"	2500		102	20-151		4.06	30	
Benzo(g,h,i)perylene	3620	62.6	"	2500		145	10-153		5.85	30	
Benzo(k)fluoranthene	2080	62.6	"	2500		83.3	10-148		2.09	30	
Chrysene	2050	62.6	"	2500		81.8	24-116		2.08	30	
Dibenzo(a,h)anthracene	3160	62.6	"	2500		127	17-147		5.98	30	
Fluoranthene	1710	62.6	"	2500		68.4	36-125		1.54	30	
Fluorene	1600	62.6	"	2500		64.0	16-130		5.23	30	
Indeno(1,2,3-cd)pyrene	3080	62.6	"	2500		123	10-155		6.52	30	
2-Methylnaphthalene	1520	62.6	"	2500		60.6	16-127		5.52	30	
Naphthalene	1580	62.6	"	2500		63.3	20-121		7.92	30	
Phenanthrene	1870	62.6	"	2500		74.9	24-123		2.27	30	
Pyrene	2010	62.6	"	2500		80.6	24-132		2.60	30	
Surrogate: Nitrobenzene-d5	*1930*		*"*	*2500*		*77.2*	*10-95*				
Surrogate: 2-Fluorobiphenyl	*1290*		*"*	*2510*		*51.4*	*10-97*				
Surrogate: Terphenyl-d14	*1810*		*"*	*2510*		*72.0*	*19-99*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51298 - EPA 3545A											
Blank (BF51298-BLK1)									Prepared: 06/25/2015 Analyzed: 06/29/2015		
4,4'-DDD	ND	0.495	ug/kg wet								
4,4'-DDE	ND	0.495	"								
4,4'-DDT	ND	0.495	"								
Aldrin	ND	0.495	"								
alpha-BHC	ND	0.495	"								
alpha-Chlordane	ND	0.495	"								
beta-BHC	ND	0.495	"								
Chlordane, total	ND	19.8	"								
delta-BHC	ND	0.495	"								
Dieldrin	ND	0.495	"								
Endosulfan I	ND	0.495	"								
Endosulfan II	ND	0.495	"								
Endosulfan sulfate	ND	0.495	"								
Endrin	ND	0.495	"								
Endrin aldehyde	ND	0.495	"								
Endrin ketone	ND	0.495	"								
gamma-BHC (Lindane)	ND	0.495	"								
gamma-Chlordane	ND	0.495	"								
Heptachlor	ND	0.495	"								
Heptachlor epoxide	ND	0.495	"								
Methoxychlor	ND	2.48	"								
Toxaphene	ND	25.0	"								
Surrogate: Tetrachloro-m-xylene	*104*		*"*	*102*		*103*	*30-140*				
Surrogate: Decachlorobiphenyl	*113*		*"*	*100*		*112*	*30-140*				
LCS (BF51298-BS1)									Prepared: 06/25/2015 Analyzed: 06/29/2015		
4,4'-DDD	50.6	0.495	ug/kg wet	50.0		101	40-140				
4,4'-DDE	47.1	0.495	"	50.0		94.3	40-140				
4,4'-DDT	43.5	0.495	"	50.0		87.0	40-140				
Aldrin	48.9	0.495	"	50.0		97.8	40-140				
alpha-BHC	53.0	0.495	"	50.0		106	40-140				
alpha-Chlordane	46.8	0.495	"	50.0		93.7	40-140				
beta-BHC	53.7	0.495	"	50.0		107	40-140				
delta-BHC	55.5	0.495	"	50.0		111	40-140				
Dieldrin	48.6	0.495	"	50.0		97.2	40-140				
Endosulfan I	52.1	0.495	"	50.0		104	40-140				
Endosulfan II	50.7	0.495	"	50.0		101	40-140				
Endosulfan sulfate	49.9	0.495	"	50.0		99.8	40-140				
Endrin	49.5	0.495	"	50.0		99.1	40-140				
Endrin aldehyde	45.3	0.495	"	50.0		90.5	40-140				
Endrin ketone	48.5	0.495	"	50.0		97.0	40-140				
gamma-BHC (Lindane)	51.6	0.495	"	50.0		103	40-140				
gamma-Chlordane	46.9	0.495	"	50.0		93.8	40-140				
Heptachlor	42.4	0.495	"	50.0		84.8	40-140				
Heptachlor epoxide	46.7	0.495	"	50.0		93.5	40-140				
Methoxychlor	42.0	2.48	"	50.0		83.9	40-140				
Surrogate: Tetrachloro-m-xylene	*79.2*		*"*	*102*		*78.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*95.4*		*"*	*100*		*94.9*	*30-140*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51298 - EPA 3545A											
Blank (BF51298-BLK1)								Prepared: 06/25/2015 Analyzed: 06/26/2015			
Aroclor 1016	ND	0.0250	mg/kg wet								
Aroclor 1221	ND	0.0250	"								
Aroclor 1232	ND	0.0250	"								
Aroclor 1242	ND	0.0250	"								
Aroclor 1248	ND	0.0250	"								
Aroclor 1254	ND	0.0250	"								
Aroclor 1260	ND	0.0250	"								
Total PCBs	ND	0.0250	"								
Surrogate: Tetrachloro-m-xylene	*0.124*		"	*0.102*		*123*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.109*		"	*0.100*		*108*	*30-140*				
LCS (BF51298-BS2)								Prepared: 06/25/2015 Analyzed: 06/26/2015			
Aroclor 1016	0.603	0.0250	mg/kg wet	0.500		121	40-130				
Aroclor 1260	0.593	0.0250	"	0.500		119	40-130				
Surrogate: Tetrachloro-m-xylene	*0.124*		"	*0.102*		*122*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.109*		"	*0.100*		*108*	*30-140*				
LCS Dup (BF51298-BSD2)								Prepared: 06/25/2015 Analyzed: 06/26/2015			
Aroclor 1016	0.596	0.0250	mg/kg wet	0.500		119	40-130		1.17	25	
Aroclor 1260	0.602	0.0250	"	0.500		120	40-130		1.41	25	
Surrogate: Tetrachloro-m-xylene	*0.126*		"	*0.102*		*125*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.108*		"	*0.100*		*108*	*30-140*				
Matrix Spike (BF51298-MS2)	*Source sample: 15F0902-03 (TP-03)							Prepared: 06/25/2015 Analyzed: 06/26/2015			
Aroclor 1016	0.489	0.0289	mg/kg dry	0.577	ND	84.7	40-140				
Aroclor 1260	0.531	0.0289	"	0.577	ND	92.0	40-140				
Surrogate: Tetrachloro-m-xylene	*0.103*		"	*0.117*		*87.7*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0912*		"	*0.116*		*78.6*	*30-140*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51399 - EPA 3050B											
Blank (BF51399-BLK1)									Prepared: 06/28/2015 Analyzed: 06/29/2015		
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	0.500	"								
Arsenic	ND	1.00	"								
Barium	ND	1.00	"								
Beryllium	ND	0.100	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.500	"								
Copper	ND	0.500	"								
Iron	ND	2.00	"								
Lead	ND	0.300	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	0.500	"								
Potassium	ND	5.00	"								
Selenium	1.06	1.00	"								
Silver	ND	0.500	"								
Sodium	ND	10.0	"								
Thallium	ND	1.00	"								
Vanadium	ND	1.00	"								
Zinc	ND	1.00	"								
Duplicate (BF51399-DUP1)	*Source sample: 15F0902-01 (TP-01)								Prepared: 06/28/2015 Analyzed: 06/29/2015		
Aluminum	16100	5.72	mg/kg dry		15900				0.849	35	
Antimony	ND	0.572	"		ND					35	
Arsenic	24.5	1.14	"		22.0				10.7	35	
Barium	232	1.14	"		233				0.512	35	
Beryllium	ND	0.114	"		ND					35	
Cadmium	0.817	0.343	"		0.861				5.23	35	
Calcium	11100	5.72	"		11100				0.165	35	
Chromium	26.5	0.572	"		26.3				0.499	35	
Cobalt	13.7	0.572	"		13.8				0.393	35	
Copper	54.0	0.572	"		54.2				0.315	35	
Iron	30100	2.29	"		29900				0.687	35	
Lead	260	0.343	"		259				0.319	35	
Magnesium	10700	5.72	"		10600				0.887	35	
Manganese	417	0.572	"		419				0.580	35	
Nickel	16.7	0.572	"		16.6				0.518	35	
Potassium	3570	5.72	"		3540				1.02	35	
Selenium	2.39	1.14	"		3.00				22.4	35	
Silver	ND	0.572	"		ND					35	
Sodium	186	11.4	"		185				0.224	35	
Thallium	ND	1.14	"		ND					35	
Vanadium	48.9	1.14	"		48.8				0.0295	35	
Zinc	259	1.14	"		258				0.331	35	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51399 - EPA 3050B											
Matrix Spike (BF51399-MS1)	*Source sample: 15F0902-01 (TP-01)							Prepared: 06/28/2015 Analyzed: 06/29/2015			
Aluminum	16000	5.72	mg/kg dry	229	15900	13.3	75-125	Low Bias			
Antimony	27.9	0.572	"	28.6	ND	97.6	75-125				
Arsenic	260	1.14	"	229	22.0	104	75-125				
Barium	464	1.14	"	229	233	101	75-125				
Beryllium	2.24	0.114	"	5.72	ND	39.1	75-125	Low Bias			
Cadmium	6.27	0.343	"	5.72	0.861	94.6	75-125				
Chromium	49.0	0.572	"	22.9	26.3	99.2	75-125				
Cobalt	70.5	0.572	"	57.2	13.8	99.2	75-125				
Copper	83.6	0.572	"	28.6	54.2	103	75-125				
Iron	29500	2.29	"	114	29900	NR	75-125	Low Bias			
Lead	311	0.343	"	57.2	259	92.0	75-125				
Magnesium	10400	5.72	"		10600		75-125				
Manganese	470	0.572	"	57.2	419	89.6	75-125				
Nickel	73.7	0.572	"	57.2	16.6	99.8	75-125				
Potassium	3510	5.72	"		3540		75-125				
Selenium	244	1.14	"	229	3.00	105	75-125				
Silver	ND	0.572	"	5.72	ND		75-125	Low Bias			
Sodium	190	11.4	"		185		75-125				
Thallium	220	1.14	"	229	ND	96.1	75-125				
Vanadium	105	1.14	"	57.2	48.8	98.8	75-125				
Zinc	308	1.14	"	57.2	258	87.5	75-125				
Reference (BF51399-SRM1)								Prepared: 06/28/2015 Analyzed: 06/29/2015			
Aluminum	7110	5.00	mg/kg wet	8100		87.7	39.6-160.5				
Antimony	110	0.500	"	116		95.2	55.7-252.6				
Arsenic	124	1.00	"	122		101	70-145.1				
Barium	168	1.00	"	167		101	73.1-126.9				
Beryllium	52.5	0.100	"	54.3		96.7	73.1-127.1				
Cadmium	83.3	0.300	"	88.0		94.7	73.3-127.3				
Calcium	5430	5.00	"	5920		91.8	73.6-126.4				
Chromium	103	0.500	"	102		101	69.4-130.4				
Cobalt	96.8	0.500	"	99.4		97.4	74.3-125.8				
Copper	80.5	0.500	"	78.0		103	73.7-132.1				
Iron	16100	2.00	"	15100		107	37.1-162.9				
Lead	91.2	0.300	"	94.5		96.5	70.5-129				
Magnesium	2860	5.00	"	3020		94.8	65.9-133.8				
Manganese	397	0.500	"	401		99.0	76.1-132.9				
Nickel	60.0	0.500	"	56.3		107	69.8-130				
Potassium	2310	5.00	"	2490		92.8	60.6-139.4				
Selenium	159	1.00	"	157		101	67.5-131.8				
Silver	31.3	0.500	"	34.2		91.4	65.5-134.2				
Sodium	245	10.0	"	246		99.4	32-170				
Thallium	108	1.00	"	116		92.9	67.4-132.7				
Vanadium	69.7	1.00	"	67.1		104	57.8-192.3				
Zinc	197	1.00	"	207		95.3	70-130.4				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF51377 - EPA 7473 soil											
Blank (BF51377-BLK1)									Prepared & Analyzed: 06/27/2015		
Mercury	ND	0.0300	mg/kg wet								
Reference (BF51377-SRM1)									Prepared & Analyzed: 06/27/2015		
Mercury	5.2153		mg/kg	5.76		90.5	71.2-129				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
15F0902-03	TP-03	40mL Vial with Stir Bar-Cool 4° C
15F0902-04	TP-04	40mL Vial with Stir Bar-Cool 4° C
15F0902-07	TP-07	40mL Vial with Stir Bar-Cool 4° C

Notes and Definitions

M-MISpk	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The SRM was within acceptance limits, therefore data are acceptable.
M-LSRD	Original sample conc <50 X reporting limit.
M-DB	Analyte in Method Blank >MDL. Sample conc. >10 X blank conc.
M-CCVO	CCV Out. Samples bracketed by acceptable CCVs.
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.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

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*	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.

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

Field Chain-of-Custody Record

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

York Project No. 15F0902

Client Information		Report to:	Invoice To:	Client Project ID	Turn-Around Time	Report Type/Deliverables
Company:	Ecosystems Strategies	SAME [X]	SAME [X]	KP14175	RUSH Same Day	Summary X
Address:	24 Davis Ave, Poughkeepsie, NY	Name: ADAM	Name: Brenda		RUSH Next Day	QA/QC Summary
Phone no.:	845-452-1658	Company:	Company:		RUSH Two Day	CT RCP Pkg
Contact Person	Adam	Address:	Address:	Purchase Order no.	RUSH Three Day	ASP A Pkg
E-mail Addr.:		E-mail: adam@ecosystemsstrategies.com		KP14175.20	RUSH Four Day	ASP B Pkg
FAX No.:		Fax No.:	Fax No.:	Samples from: CT__ NY X NJ__	Standard (5-7 days) X	Excel
					OTHER	EDD

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

Samples Collected/Authorized By (Signature): [signature]

Name (printed): A. Atkinson

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

Special Instructions: Field Filtered ☐ Lab to Filter ☐

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
TP-01	6/22/2015	S	PAH; TAL	(1) 8 oz
TP-02	6/22/2015	S	~~VOC~~ PAH; TAL	~~(1) VOA~~ (1) 8 oz
TP-03	6/22/2015	S	TAL; Pest/PCB VOC	(1) V39 (1) 8 oz
TP-04	6/22/2015	S	VOC; PAH; TAL	(1) VOA (1) 8 oz
TP-05	6/22/2015	S	PAH; TAL	(1) 4 oz
TP-06	6/22/2015	S	TAL; Pest/PCB	(1) 4 oz
TP-07	6/22/2015	S	VOC; TAL	(1) VOA (1) 4 oz
TP-08	6/22/2015	S	TAL; Pest/PCB	(1) 4 oz

Comments

Preservation "X" those applicable: Cool 4°C ___ HNO3 ___ H2SO4 ___ NaOH ___ NONE ___ FROZEN ___

Samples Relinquished By	Date/Time	Samples Received By	Date/Time	Temperature on Receipt
[signature]	6/23/15 4:10	[signature]	6/23/15 4:15	3.9°C
Samples Relinquished By	Date/Time	Samples Received in LAB by [signature]	6/23/15 2000	

ANALYTICAL REPORT

Lab Number:	L1514214
Client:	Ecosystems Strategies, Inc. 24 Davis Avenue Poughkeepsie, NY 12603
ATTN:	Adam Atkinson
Phone:	(845) 452-1658
Project Name:	922 MAIN STREET
Project Number:	KP15075
Report Date:	06/29/15

Certifications & Approvals: NY (11627), CT (PH-0141), NH (2206), NJ NELAP (MA015), RI (LAO00299), ME (MA00030), PA (68-02089), VA (460194), LA NELAP (03090), FL (E87814), TX (T104704419), WA (C954), USFWS (Permit #LE2069641), USDA (Permit #P330-11-00109), US Army Corps of Engineers.

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com

Project Name: 922 MAIN STREET
Project Number: KP15075

Lab Number: L1514214
Report Date: 06/29/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1514214-01	SV-01	SOIL_VAPOR	PEEKSKILL, NY	06/22/15 09:46	06/23/15
L1514214-02	SV-02	SOIL_VAPOR	PEEKSKILL, NY	06/22/15 10:25	06/23/15
L1514214-03	SV-03	SOIL_VAPOR	PEEKSKILL, NY	06/22/15 11:14	06/23/15
L1514214-04	SV-04	SOIL_VAPOR	PEEKSKILL, NY	06/22/15 11:50	06/23/15

Project Name:	922 MAIN STREET	**Lab Number:**	L1514214
Project Number:	KP15075	**Report Date:**	06/29/15

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: 922 MAIN STREET **Lab Number:** L1514214
Project Number: KP15075 **Report Date:** 06/29/15

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on June 19, 2015. The canister certification results are provided as an addendum.

Sample L L1514214-01 results for Acetone should be considered estimated due to co-elution with a non-target peak.

Sample L1514214-01 The presence of 2,2,4-Trimethylpentane could not be determined in this sample due to a non-target compound interfering with the identification and quantification of this compound.

Sample Receipt

The canister ID number for the sample designated SV-04 (L1514214-04) is listed on the chain of custody form as 066 but should be 466

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Christopher J. Anderson

Title: Technical Director/Representative Date: 06/29/15

AIR

Project Name: 922 MAIN STREET
Project Number: KP15075
Lab Number: L1514214
Report Date: 06/29/15

SAMPLE RESULTS

Lab ID: L1514214-01
Client ID: SV-01
Sample Location: PEEKSKILL, NY
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 06/25/15 20:49
Analyst: RY

Date Collected: 06/22/15 09:46
Date Received: 06/23/15
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.214	0.200	--	1.06	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	4.16	0.200	--	9.20	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	3.00	2.50	--	5.65	4.71	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	24.6	1.00	--	58.4	2.38	--		1
Trichlorofluoromethane	0.320	0.200	--	1.80	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	3.45	0.200	--	10.7	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	1.45	0.500	--	4.28	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1

Project Name: 922 MAIN STREET
Project Number: KP15075
Lab Number: L1514214
Report Date: 06/29/15

SAMPLE RESULTS

Lab ID: L1514214-01
Client ID: SV-01
Sample Location: PEEKSKILL, NY
Date Collected: 06/22/15 09:46
Date Received: 06/23/15
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	30.1	0.200	--	106	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	1.50	0.200	--	4.79	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.949	0.200	--	3.27	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	11.5	0.200	--	47.1	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	1.44	0.200	--	5.43	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	1.04	0.200	--	7.05	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.294	0.200	--	1.28	0.869	--		1
p/m-Xylene	0.602	0.400	--	2.61	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1

Project Name: 922 MAIN STREET
Project Number: KP15075
Lab Number: L1514214
Report Date: 06/29/15

SAMPLE RESULTS

Lab ID: L1514214-01
Client ID: SV-01
Sample Location: PEEKSKILL, NY
Date Collected: 06/22/15 09:46
Date Received: 06/23/15
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.255	0.200	--	1.11	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	0.367	0.200	--	1.80	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	0.608	0.200	--	3.66	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	84		60-140
Bromochloromethane	82		60-140
chlorobenzene-d5	92		60-140

Project Name: 922 MAIN STREET
Project Number: KP15075
Lab Number: L1514214
Report Date: 06/29/15

SAMPLE RESULTS

Lab ID: L1514214-02
Client ID: SV-02
Sample Location: PEEKSKILL, NY
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 06/25/15 21:21
Analyst: RY

Date Collected: 06/22/15 10:25
Date Received: 06/23/15
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.302	0.200	--	1.49	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	2.50	--	ND	4.71	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	22.6	1.00	--	53.7	2.38	--		1
Trichlorofluoromethane	0.243	0.200	--	1.37	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1

Project Name: 922 MAIN STREET
Project Number: KP15075
Lab Number: L1514214
Report Date: 06/29/15

SAMPLE RESULTS

Lab ID: L1514214-02
Client ID: SV-02
Sample Location: PEEKSKILL, NY
Date Collected: 06/22/15 10:25
Date Received: 06/23/15
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.314	0.200	--	1.11	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	0.286	0.200	--	1.54	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.258	0.200	--	1.06	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.232	0.200	--	0.874	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	0.255	0.200	--	1.73	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1

Project Name: 922 MAIN STREET
Project Number: KP15075
Lab Number: L1514214
Report Date: 06/29/15

SAMPLE RESULTS

Lab ID: L1514214-02
Client ID: SV-02
Sample Location: PEEKSKILL, NY
Date Collected: 06/22/15 10:25
Date Received: 06/23/15
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	0.358	0.200	--	1.76	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	80		60-140
Bromochloromethane	84		60-140
chlorobenzene-d5	87		60-140

Project Name: 922 MAIN STREET
Project Number: KP15075
Lab Number: L1514214
Report Date: 06/29/15

SAMPLE RESULTS

Lab ID: L1514214-03
Client ID: SV-03
Sample Location: PEEKSKILL, NY
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 06/25/15 21:53
Analyst: RY

Date Collected: 06/22/15 11:14
Date Received: 06/23/15
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.293	0.200	--	1.45	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	8.71	0.200	--	19.3	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	2.50	--	ND	4.71	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	57.2	1.00	--	136	2.38	--		1
Trichlorofluoromethane	0.201	0.200	--	1.13	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.600	0.200	--	1.87	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	3.12	0.500	--	9.20	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1

Project Name: 922 MAIN STREET
Project Number: KP15075
Lab Number: L1514214
Report Date: 06/29/15

SAMPLE RESULTS

Lab ID: L1514214-03
Client ID: SV-03
Sample Location: PEEKSKILL, NY
Date Collected: 06/22/15 11:14
Date Received: 06/23/15
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Chloroform	0.354	0.200	--	1.73	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	1.57	0.200	--	5.53	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	1.94	0.200	--	6.20	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.647	0.200	--	2.65	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	3.33	0.200	--	12.5	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.597	0.200	--	2.59	0.869	--		1
p/m-Xylene	1.12	0.400	--	4.86	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1

Project Name: 922 MAIN STREET
Project Number: KP15075
Lab Number: L1514214
Report Date: 06/29/15

SAMPLE RESULTS

Lab ID: L1514214-03
Client ID: SV-03
Sample Location: PEEKSKILL, NY
Date Collected: 06/22/15 11:14
Date Received: 06/23/15
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.385	0.200	--	1.67	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	0.369	0.200	--	1.81	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	81		60-140
Bromochloromethane	85		60-140
chlorobenzene-d5	89		60-140

Project Name: 922 MAIN STREET
Project Number: KP15075
Lab Number: L1514214
Report Date: 06/29/15

SAMPLE RESULTS

Lab ID: L1514214-04
Client ID: SV-04
Sample Location: PEEKSKILL, NY
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 06/25/15 22:25
Analyst: RY

Date Collected: 06/22/15 11:50
Date Received: 06/23/15
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.257	0.200	--	1.27	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	3.05	0.200	--	6.75	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	2.50	--	ND	4.71	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	76.8	1.00	--	182	2.38	--		1
Trichlorofluoromethane	0.251	0.200	--	1.41	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.348	0.200	--	1.08	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	9.41	0.200	--	33.9	0.721	--		1
2-Butanone	2.39	0.500	--	7.05	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1

Project Name: 922 MAIN STREET
Project Number: KP15075
Lab Number: L1514214
Report Date: 06/29/15

SAMPLE RESULTS

Lab ID: L1514214-04
Client ID: SV-04
Sample Location: PEEKSKILL, NY
Date Collected: 06/22/15 11:50
Date Received: 06/23/15
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.808	0.200	--	2.85	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	2.52	0.200	--	8.05	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.213	0.200	--	0.733	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.300	0.200	--	1.23	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	1.45	0.200	--	5.46	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.261	0.200	--	1.13	0.869	--		1
p/m-Xylene	0.551	0.400	--	2.39	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1

Project Name: 922 MAIN STREET
Project Number: KP15075
Lab Number: L1514214
Report Date: 06/29/15

SAMPLE RESULTS

Lab ID: L1514214-04
Client ID: SV-04
Sample Location: PEEKSKILL, NY
Date Collected: 06/22/15 11:50
Date Received: 06/23/15
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.249	0.200	--	1.08	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	0.389	0.200	--	1.91	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	82		60-140
Bromochloromethane	86		60-140
chlorobenzene-d5	89		60-140

Project Name: 922 MAIN STREET
Project Number: KP15075
Lab Number: L1514214
Report Date: 06/29/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 06/25/15 15:06

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-04 Batch: WG797220-4								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethyl Alcohol	ND	2.50	--	ND	4.71	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
iso-Propyl Alcohol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
tert-Butyl Alcohol	ND	0.500	--	ND	1.52	--		1

Project Name: 922 MAIN STREET
Project Number: KP15075
Lab Number: L1514214
Report Date: 06/29/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 06/25/15 15:06

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-04 Batch: WG797220-4								
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Isopropyl Ether	ND	0.200	--	ND	0.836	--		1
Ethyl-Tert-Butyl-Ether	ND	0.200	--	ND	0.836	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
Tertiary-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1

Project Name: 922 MAIN STREET
Project Number: KP15075
Lab Number: L1514214
Report Date: 06/29/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 06/25/15 15:06

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-04 Batch: WG797220-4								
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl Acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1

Project Name: 922 MAIN STREET
Project Number: KP15075
Lab Number: L1514214
Report Date: 06/29/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 06/25/15 15:06

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-04 Batch: WG797220-4								
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane (C9)	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
o-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
p-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane (C10)	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane (C12)	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1

Project Name: 922 MAIN STREET
Project Number: KP15075
Lab Number: L1514214
Report Date: 06/29/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 06/25/15 15:06

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-04 Batch: WG797220-4								
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					
No Tentatively Identified Compounds					

Lab Control Sample Analysis
Batch Quality Control

Project Name: 922 MAIN STREET
Project Number: KP15075

Lab Number: L1514214
Report Date: 06/29/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 Batch: WG797220-3								
Chlorodifluoromethane	84		-		70-130	-		
Propylene	100		-		70-130	-		
Propane	78		-		70-130	-		
Dichlorodifluoromethane	84		-		70-130	-		
Chloromethane	87		-		70-130	-		
1,2-Dichloro-1,1,2,2-tetrafluoroethane	92		-		70-130	-		
Methanol	84		-		70-130	-		
Vinyl chloride	92		-		70-130	-		
1,3-Butadiene	88		-		70-130	-		
Butane	82		-		70-130	-		
Bromomethane	89		-		70-130	-		
Chloroethane	82		-		70-130	-		
Ethyl Alcohol	89		-		70-130	-		
Dichlorofluoromethane	85		-		70-130	-		
Vinyl bromide	90		-		70-130	-		
Acrolein	74		-		70-130	-		
Acetone	91		-		70-130	-		
Acetonitrile	82		-		70-130	-		
Trichlorofluoromethane	92		-		70-130	-		
iso-Propyl Alcohol	93		-		70-130	-		
Acrylonitrile	89		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 922 MAIN STREET

Project Number: KP15075

Lab Number: L1514214

Report Date: 06/29/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 Batch: WG797220-3								
Pentane	82		-		70-130	-		
Ethyl ether	78		-		70-130	-		
1,1-Dichloroethene	89		-		70-130	-		
tert-Butyl Alcohol	85		-		70-130	-		
Methylene chloride	89		-		70-130	-		
3-Chloropropene	91		-		70-130	-		
Carbon disulfide	90		-		70-130	-		
1,1,2-Trichloro-1,2,2-Trifluoroethane	96		-		70-130	-		
trans-1,2-Dichloroethene	89		-		70-130	-		
1,1-Dichloroethane	92		-		70-130	-		
Methyl tert butyl ether	92		-		70-130	-		
Vinyl acetate	106		-		70-130	-		
2-Butanone	95		-		70-130	-		
cis-1,2-Dichloroethene	106		-		70-130	-		
Ethyl Acetate	100		-		70-130	-		
Chloroform	96		-		70-130	-		
Tetrahydrofuran	89		-		70-130	-		
2,2-Dichloropropane	84		-		70-130	-		
1,2-Dichloroethane	89		-		70-130	-		
n-Hexane	90		-		70-130	-		
Isopropyl Ether	83		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 922 MAIN STREET

Project Number: KP15075

Lab Number: L1514214

Report Date: 06/29/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 Batch: WG797220-3								
Ethyl-Tert-Butyl-Ether	83		-		70-130	-		
1,1,1-Trichloroethane	90		-		70-130	-		
1,1-Dichloropropene	89		-		70-130	-		
Benzene	90		-		70-130	-		
Carbon tetrachloride	87		-		70-130	-		
Cyclohexane	90		-		70-130	-		
Tertiary-Amyl Methyl Ether	82		-		70-130	-		
Dibromomethane	89		-		70-130	-		
1,2-Dichloropropane	94		-		70-130	-		
Bromodichloromethane	91		-		70-130	-		
1,4-Dioxane	93		-		70-130	-		
Trichloroethene	95		-		70-130	-		
2,2,4-Trimethylpentane	92		-		70-130	-		
Methyl Methacrylate	82		-		70-130	-		
Heptane	89		-		70-130	-		
cis-1,3-Dichloropropene	99		-		70-130	-		
4-Methyl-2-pentanone	91		-		70-130	-		
trans-1,3-Dichloropropene	85		-		70-130	-		
1,1,2-Trichloroethane	96		-		70-130	-		
Toluene	99		-		70-130	-		
1,3-Dichloropropane	95		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 922 MAIN STREET

Project Number: KP15075

Lab Number: L1514214

Report Date: 06/29/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 Batch: WG797220-3								
2-Hexanone	101		-		70-130	-		
Dibromochloromethane	96		-		70-130	-		
1,2-Dibromoethane	102		-		70-130	-		
Butyl Acetate	92		-		70-130	-		
Octane	95		-		70-130	-		
Tetrachloroethene	101		-		70-130	-		
1,1,1,2-Tetrachloroethane	91		-		70-130	-		
Chlorobenzene	101		-		70-130	-		
Ethylbenzene	101		-		70-130	-		
p/m-Xylene	100		-		70-130	-		
Bromoform	100		-		70-130	-		
Styrene	101		-		70-130	-		
1,1,2,2-Tetrachloroethane	109		-		70-130	-		
o-Xylene	104		-		70-130	-		
1,2,3-Trichloropropane	97		-		70-130	-		
Nonane (C9)	92		-		70-130	-		
Isopropylbenzene	100		-		70-130	-		
Bromobenzene	96		-		70-130	-		
o-Chlorotoluene	97		-		70-130	-		
n-Propylbenzene	97		-		70-130	-		
p-Chlorotoluene	97		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 922 MAIN STREET

Project Number: KP15075

Lab Number: L1514214

Report Date: 06/29/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 Batch: WG797220-3								
4-Ethyltoluene	96		-		70-130	-		
1,3,5-Trimethylbenzene	102		-		70-130	-		
tert-Butylbenzene	100		-		70-130	-		
1,2,4-Trimethylbenzene	107		-		70-130	-		
Decane (C10)	97		-		70-130	-		
Benzyl chloride	98		-		70-130	-		
1,3-Dichlorobenzene	106		-		70-130	-		
1,4-Dichlorobenzene	106		-		70-130	-		
sec-Butylbenzene	99		-		70-130	-		
p-Isopropyltoluene	92		-		70-130	-		
1,2-Dichlorobenzene	108		-		70-130	-		
n-Butylbenzene	104		-		70-130	-		
1,2-Dibromo-3-chloropropane	98		-		70-130	-		
Undecane	108		-		70-130	-		
Dodecane (C12)	130		-		70-130	-		
1,2,4-Trichlorobenzene	123		-		70-130	-		
Naphthalene	119		-		70-130	-		
1,2,3-Trichlorobenzene	119		-		70-130	-		
Hexachlorobutadiene	116		-		70-130	-		

Lab Duplicate Analysis
Batch Quality Control

Project Name: 922 MAIN STREET
Project Number: KP15075

Lab Number: L1514214
Report Date: 06/29/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG797220-5 QC Sample: L1514267-01 Client ID: DUP Sample						
Dichlorodifluoromethane	0.478	0.416	ppbV	14		25
Chloromethane	1.25	1.46	ppbV	15		25
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	ND	ppbV	NC		25
Vinyl chloride	ND	ND	ppbV	NC		25
1,3-Butadiene	3.02	3.37	ppbV	11		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
Ethyl Alcohol	127	154	ppbV	19		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	336	387	ppbV	14		25
Trichlorofluoromethane	ND	ND	ppbV	NC		25
iso-Propyl Alcohol	47.3	55.6	ppbV	16		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
tert-Butyl Alcohol	34.3	40.0	ppbV	15		25
Methylene chloride	4.51	5.05	ppbV	11		25
3-Chloropropene	ND	ND	ppbV	NC		25
Carbon disulfide	3.77	4.32	ppbV	14		25
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	1.75	2.20	ppbV	23		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: 922 MAIN STREET
Project Number: KP15075

Lab Number: L1514214
Report Date: 06/29/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG797220-5 QC Sample: L1514267-01 Client ID: DUP Sample					
1,1-Dichloroethane	ND	ND	ppbV	NC	25
Methyl tert butyl ether	ND	ND	ppbV	NC	25
2-Butanone	75.9	84.9	ppbV	11	25
cis-1,2-Dichloroethene	12.1	13.6	ppbV	12	25
Ethyl Acetate	ND	ND	ppbV	NC	25
Chloroform	2.94	3.35	ppbV	13	25
Tetrahydrofuran	3.04	3.43	ppbV	12	25
1,2-Dichloroethane	ND	ND	ppbV	NC	25
n-Hexane	28.2	27.5	ppbV	3	25
1,1,1-Trichloroethane	ND	ND	ppbV	NC	25
Benzene	14.8	14.1	ppbV	5	25
Carbon tetrachloride	ND	ND	ppbV	NC	25
Cyclohexane	5.25	4.83	ppbV	8	25
1,2-Dichloropropane	ND	ND	ppbV	NC	25
Bromodichloromethane	ND	ND	ppbV	NC	25
1,4-Dioxane	ND	ND	ppbV	NC	25
Trichloroethene	11.0	10.2	ppbV	8	25
2,2,4-Trimethylpentane	15.6	14.9	ppbV	5	25
Heptane	21.2	20.7	ppbV	2	25

Lab Duplicate Analysis
Batch Quality Control

Project Name: 922 MAIN STREET
Project Number: KP15075

Lab Number: L1514214
Report Date: 06/29/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG797220-5 QC Sample: L1514267-01 Client ID: DUP Sample					
cis-1,3-Dichloropropene	ND	ND	ppbV	NC	25
4-Methyl-2-pentanone	ND	ND	ppbV	NC	25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC	25
1,1,2-Trichloroethane	ND	ND	ppbV	NC	25
Toluene	113	114	ppbV	1	25
2-Hexanone	10.0	9.87	ppbV	1	25
Dibromochloromethane	ND	ND	ppbV	NC	25
1,2-Dibromoethane	ND	ND	ppbV	NC	25
Tetrachloroethene	35.4	35.9	ppbV	1	25
Chlorobenzene	ND	ND	ppbV	NC	25
Ethylbenzene	16.2	16.5	ppbV	2	25
p/m-Xylene	56.7	57.6	ppbV	2	25
Bromoform	ND	ND	ppbV	NC	25
Styrene	0.404	0.424	ppbV	5	25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC	25
o-Xylene	16.8	17.1	ppbV	2	25
4-Ethyltoluene	3.85	3.85	ppbV	0	25
1,3,5-Trimethylbenzene	3.11	3.15	ppbV	1	25
1,2,4-Trimethylbenzene	11.6	11.7	ppbV	1	25

Lab Duplicate Analysis
Batch Quality Control

Project Name: 922 MAIN STREET
Project Number: KP15075

Lab Number: L1514214
Report Date: 06/29/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG797220-5 QC Sample: L1514267-01 Client ID: DUP Sample					
Benzyl chloride	ND	ND	ppbV	NC	25
1,3-Dichlorobenzene	ND	ND	ppbV	NC	25
1,4-Dichlorobenzene	ND	ND	ppbV	NC	25
1,2-Dichlorobenzene	ND	ND	ppbV	NC	25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC	25
Hexachlorobutadiene	ND	ND	ppbV	NC	25

Project Name: 922 MAIN STREET

Project Number: KP15075

Lab Number: L1514214

Report Date: 06/29/15

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L1514214-01	SV-01	0571	SV200	06/19/15	205374		-	-	-	Pass	216	210	3
L1514214-01	SV-01	514	2.7L Can	06/19/15	205374	L1513470-02	Pass	-29.8	0.0	-	-	-	-
L1514214-02	SV-02	0652	SV200	06/19/15	205374		-	-	-	Pass	223	218	2
L1514214-02	SV-02	415	2.7L Can	06/19/15	205374	L1513470-02	Pass	-29.6	-3.0	-	-	-	-
L1514214-03	SV-03	0506	SV200	06/19/15	205374		-	-	-	Pass	221	216	2
L1514214-03	SV-03	151	2.7L Can	06/19/15	205374	L1513470-02	Pass	-29.4	-1.7	-	-	-	-
L1514214-04	SV-04	0512	SV200	06/19/15	205374		-	-	-	Pass	221	216	2
L1514214-04	SV-04	466	2.7L Can	06/19/15	205374	L1513470-02	Pass	-29.8	-3.3	-	-	-	-

Project Name:

Lab Number: L1513470

Project Number: CANISTER QC BAT

Report Date: 06/29/15

Air Canister Certification Results

Lab ID: L1513470-02
Client ID: CAN 529 SHELF 7
Sample Location:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 06/17/15 17:53
Analyst: RY

Date Collected: 06/15/15 18:00
Date Received: 06/16/15
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethyl Alcohol	ND	2.50	--	ND	4.71	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
iso-Propyl Alcohol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
tert-Butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1

Project Name:

Lab Number: L1513470

Project Number: CANISTER QC BAT

Report Date: 06/29/15

Air Canister Certification Results

Lab ID: L1513470-02
Client ID: CAN 529 SHELF 7
Sample Location:

Date Collected: 06/15/15 18:00
Date Received: 06/16/15
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Isopropyl Ether	ND	0.200	--	ND	0.836	--		1
Ethyl-Tert-Butyl-Ether	ND	0.200	--	ND	0.836	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
Tertiary-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1

Project Name:

Lab Number: L1513470

Project Number: CANISTER QC BAT

Report Date: 06/29/15

Air Canister Certification Results

Lab ID: L1513470-02
Client ID: CAN 529 SHELF 7
Sample Location:

Date Collected: 06/15/15 18:00
Date Received: 06/16/15
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl Acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane (C9)	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
o-Chlorotoluene	ND	0.200	--	ND	1.04	--		1

Project Name: **Lab Number:** L1513470

Project Number: CANISTER QC BAT **Report Date:** 06/29/15

Air Canister Certification Results

Lab ID: L1513470-02 Date Collected: 06/15/15 18:00

Client ID: CAN 529 SHELF 7 Date Received: 06/16/15

Sample Location: Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
p-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane (C10)	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane (C12)	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

	Results	**Qualifier**	**Units**	**RDL**	**Dilution Factor**
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Project Name:

Lab Number: L1513470

Project Number: CANISTER QC BAT

Report Date: 06/29/15

Air Canister Certification Results

Lab ID: L1513470-02
Client ID: CAN 529 SHELF 7
Sample Location:

Date Collected: 06/15/15 18:00
Date Received: 06/16/15
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	92		60-140
Bromochloromethane	90		60-140
chlorobenzene-d5	89		60-140

Project Name: **Lab Number:** L1513470

Project Number: CANISTER QC BAT **Report Date:** 06/29/15

Air Canister Certification Results

Lab ID: L1513470-02
Client ID: CAN 529 SHELF 7
Sample Location:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 06/17/15 17:53
Analyst: RY

Date Collected: 06/15/15 18:00
Date Received: 06/16/15
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.050	--	ND	0.383	--		1
Halothane	ND	0.050	--	ND	0.404	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1

Project Name:

Lab Number: L1513470

Project Number: CANISTER QC BAT

Report Date: 06/29/15

Air Canister Certification Results

Lab ID: L1513470-02
Client ID: CAN 529 SHELF 7
Sample Location:

Date Collected: 06/15/15 18:00
Date Received: 06/16/15
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	0.024	0.020	--	0.129	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name:

Lab Number: L1513470

Project Number: CANISTER QC BAT

Report Date: 06/29/15

Air Canister Certification Results

Lab ID: L1513470-02
Client ID: CAN 529 SHELF 7
Sample Location:

Date Collected: 06/15/15 18:00
Date Received: 06/16/15
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	94		60-140
bromochloromethane	94		60-140
chlorobenzene-d5	92		60-140

Project Name: 922 MAIN STREET
Project Number: KP15075

Lab Number: L1514214
Report Date: 06/29/15

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information **Custody Seal**

Cooler

N/A Present/Intact

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1514214-01A	Canister - 2.7 Liter	N/A	N/A	N/A	Y	Absent	TO15-LL(30)
L1514214-02A	Canister - 2.7 Liter	N/A	N/A	N/A	Y	Absent	TO15-LL(30)
L1514214-03A	Canister - 2.7 Liter	N/A	N/A	N/A	Y	Absent	TO15-LL(30)
L1514214-04A	Canister - 2.7 Liter	N/A	N/A	N/A	Y	Absent	TO15-LL(30)

*Values in parentheses indicate holding time in days

Project Name:	922 MAIN STREET	**Lab Number:**	L1514214
Project Number:	KP15075	**Report Date:**	06/29/15

GLOSSARY

Acronyms

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A - Spectra identified as "Aldol Condensation Product".

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

Report Format: Data Usability Report

Project Name:	922 MAIN STREET	**Lab Number:**	L1514214
Project Number:	KP15075	**Report Date:**	06/29/15

Data Qualifiers

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the reporting limit (RL) for the sample.

Report Format: Data Usability Report

REFERENCES

48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

Last revised December 16, 2014

The following analytes are not included in our NELAP Scope of Accreditation:

Westborough Facility
EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.
EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.
EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 625: 4-Chloroaniline, 4-Methylphenol.
SM4500: Soil: Total Phosphorus, TKN, NO2, NO3.
EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility
EPA 8270D: Biphenyl.
EPA 2540D: TSS
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water
EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7**: Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water
EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF**.

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

Serial_No:06291512:40

AIR ANALYSIS

ALPHA ANALYTICAL

CHAIN OF CUSTODY

PAGE 1 OF 1

Date Rec'd in Lab: 6/24/15

ALPHA Job #: L1514214

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Ecosystems Strategies, Inc.
Address: 24 Davis Avenue
Poughkeepsie, NY 12603
Phone: 845-452-1658
Fax: 845-485-7083
Email: adam@ecosystemsstrategies.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: 922 Main Street
Project Location: Peekskill, NY
Project #: KP15075
Project Manager: Adam
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH *(only confirmed if pre-approved!)*

Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☒ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information

☐ Same as Client info PO #: KP15075.20

Regulatory Requirements/Report Limits

State/Fed	Program	Criteria

Other Project Specific Requirements/Comments:

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	ANALYSIS: TO-14A by TO-15	TO-15	TO-15 SIM	APH	FIXED GASES	TO-13A	TO-4 / TO-10	Sample Comments (i.e. PID)
14214.01	SV-01	6-22-15	9:32	9:46	29.50	0.05	SV	AA	2.7	514	0571		X						
.02	SV-02		10:12	10:25	28.92	1.87	SV	AA	2.7	415	0652		X						
.03	SV-03		11:00	11:14	29.94	6.35	SV	AA	2.7	151	0506		X						
.04	SV-04		11:37	11:50	33.03	1.16	SV	AA	2.7	066	0512		X						

***SAMPLE MATRIX CODES**
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Relinquished By:	Date/Time	Received By:	Date/Time:
[signature]	6/23/15 1:00	[signature] AAL	6/23/15 13:00
[signature] AAL	6/23/15 1830	[signature]	6-23-15 1830
[signature]	6-24-15 0130	[signature]	6/24/15 8:30

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.