INTERIM REMEDIAL MEASURES COMPLETION REPORT

20 W. CENTENNIAL CORP.
209 NASSAU ROAD
ROOSEVELT, NEW YORK 11575

PREPARED FOR:

THEODORE W. FIRETOG, ESQ.
LAW OFFICES OF THEODORE W. FIRETOG
111 THOMAS POWELL BOULEVARD
FARMINGDALE, NEW YORK 11735-2251
ON BEHALF OF 20 W. CENTENNIAL CORP.

PREPARED BY:

LAUREL ENVIRONMENTAL ASSOCIATES, LTD.
53 WEST HILLS ROAD, SUITE 1
HUNTINGTON STATION, NEW YORK

JANUARY 19, 2016, REVISED May 16, 2016
NYSDEC SITE CODE #1-30-154
ORDER OF CONSENT #W1-1137-09-06
***LEA* PROJECT #12-260**

LAUREL ENVIRONMENTAL ASSOCIATES, LTD.
ENVIRONMENTAL CERTIFICATION

NYSDEC Site Code:	**1-30-154**
Order of Consent:	**W1-1137-09-06**
***LEA* Project No.:**	**12-260**
Report:	Interim Remedial Measures Completion Report
Approved IRM Work Plan:	April 2013
Field Work Dates:	June 17 & 18, 2013 October 14 and 15, 2014 July 23, 2015 September 21, 2015
Report Date:	January 19, 2016, Revised May 16, 2016
Site:	20 West Centennial Avenue, Roosevelt, New York 11575 Located on the north side of West Centennial Avenue, 175 feet west of Nassau Road and 550 feet east of Elysian Terrace
Weather Conditions:	58° F, Sunshine
Respondent:	20 W. Centennial Corp.

Report Prepared By:

Dina Palazzolo
Environmental Scientist

Brian McCabe
Senior Geologist, QA/QC

ENVIRONMENTAL PROFESSIONAL CERTIFICATION

I declare that, to the best of my professional knowledge and belief, we meet the definition of *Environmental Professional* as defined in § 312.10 of 40 Code of Federal Regulations (CFR) 312.

The Environmental Professional who directed this project has the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Site. We have developed and performed all the appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Scott A. Yanuck
Hydrogeologist, Principal

5-16-16
Date

TABLE OF CONTENTS

REPORT SPECIFICATIONS

This report contains (34) pages of text.

Copies and circulation of this report are as follows:

One bound and one electronic copy to each person on the Report Distribution List which appears on page 5 of this document.

One copy in the confidential client file at ***Laurel Environmental Associates, Ltd.***

LIST OF FIGURES

LIST OF TABLES

End Point Sample Results

LIST OF APPENDICES

REPORT DISTRIBUTION LIST

Henry Wilkie
NYSDEC
Division of Environmental Remediation
Remedial Bureau A, 12th Floor
625 Broadway
Albany, New York 12233-7015

Timothy LeBarron, Quality Assurance Officer
NYSDEC
Division of Environmental Remediation
Bureau of Technical Support Training and Technical Support Section
625 Broadway, 11th Floor
Albany, NY 12233

Steve Karpinski, Public Health Specialist II
Bureau of Environmental Exposure Investigation
New York State Department of Health
Empire State Plaza, Corning Tower, Room 1787
Albany, New York 12237

Theodore W. Firetog, Esq.
Law Offices of Theodore W. Firetog
111 Thomas Powel Boulevard
Farmingdale, New York 11735

Paul Baer
20 W. Centennial Corp.
209 Nassau Road
Roosevelt, New York 11575

ACRONYMS

ARARs	Applicable or Relevant and Appropriate Requirements
AS	Air Sparge
bgs	below ground surface
CAMP	Community Air Monitoring Program
C&D	Construction and Demolition (debris)
CEC	Cation Exchange Capability
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFM	cubic feet per minute
COC	Contaminate of Concern
COD	Chemical Oxygen Demand
CPC	Chemical of Potential Concern
DNAPL	Dense non-aqueous phase liquid
DO	Dissolved Oxygen
DOT	Department of Transportation
EISB	Enhanced *In-situ* Bioremediation
EPA	Environmental Protection Agency
FWIA	Fish and Wildlife Impact Analysis
HASP	Health and Safety Plan
HP	Horsepower
HRA	Health Risk Assessment
HRC	Hydrogen Release Compound
GAC	Granulated Active Carbon
IHWS	Inactive Hazardous Waste Site
IIWA	Immediate Investigation Work Assignment
ISCO	In-Situ Chemical Oxidation
LBWD	Long Beach Water District
LEA	Laurel Environmental Associates Ltd
LDR	Land Disposal Restrictions
MNA	Monitored Natural Attenuation
MW	Monitoring Well
NCDH	Nassau County Department of Health
NCP	National Contingency Plan
NPL	National Priority List
NYSDOH	New York State Department of Health
NYSDEC	New York State Department of Environmental Conservation
O&M	Operation and Maintenance

OSHA	Occupational Safety and Health Administration
PAHs	Polycyclic Aromatic Hydrocarbons
PCE	Perchloroethene (same as Tetrachloroethene or PERC)
PID	Photoionization detector
POTW	Publicly-Owned Treatment Works
ppb	parts per billion (µg/kg)
ppm	parts per million (mg/kg)
PRAP	Proposed Remedial Action Plan
RAGS	Risk Assessment Guidance for Superfund
RAP	Remedial Action Plan
RAO	Remedial Action Objective
RI/FS	Remedial Investigation/Feasibility Study
ROD	Record of Decision
ROI	Radius of Influence
RSCO	Recommended Soil Cleanup Objective (as per TAGM)
SAP	Sampling and Analysis Plan
SARA	Superfund Amendments and Reauthorization Act
SCGs	Standards, Criteria, and Guidance Values
SSVMP	Stainless Steel Vapor Monitoring Points
SCO	Soil Cleanup Objective
SCG	Standards, Criteria and Guidance
SVE	Soil Vapor Extraction
SVI	Soil Vapor Intrusion
SVOC	Semi Volatile Organic Compound
TAGM	Technical and Administrative Guidance Memorandum
TCE	Trichloroethene
TCL	Target Compound List
TCLP	Toxicity Characteristic Leaching Procedure
TMV	Toxicity, Mobility, or Volume
TOC	Total Organic Compounds
USEPA	United States Environmental Protection Agency
UTS	Universal Treatment Standards
VOC	Volatile Organic Compound
w.c.	Water Column

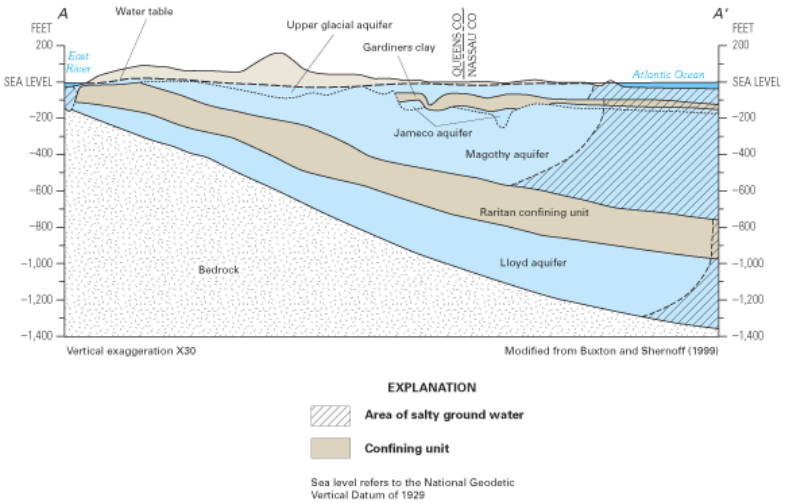
1.0 INTRODUCTION

On August 27, 2012, an Interim Remedial Measures (IRM) Work Plan for the property located at 20 West Centennial Avenue, Roosevelt, New York 11575 (hereafter referred to as the "Site", see Site details below, Figure 1.0, Site Location and Figure 2.0 Site Layout), was submitted to the New York State Department of Conservation (NYSDEC) and the New York State Department of Health (NYSDOH) for review and approval. A revised IRM Work Plan was submitted to the NYSDEC and NYSDOH on April 4, 2013. On April 17, 2013 the NYSDEC and NYSDOH approved the revised IRM Work Plan. The approved IRM Work Plan included baseline groundwater sampling, the remediation of three (3) Class V Underground Injection Control (UIC) structures, the excavation and removal of impacted soil within the Site Building, and the installation of an Air Sparge (AS) and Soil Vapor Extraction system (SVE) at the Site (including system performance testing). This IRM Completion Report, prepared by ***Laurel Environmental Associates, Ltd. (LEA)***, documents the completion of these tasks and the IRM.

Site Details	
Site Address	20 West Centennial Avenue, Roosevelt, New York
Cross Streets	Nassau Road
Site Owner	20 West Centennial Corp.
Site Occupant	Vacant Commercial Building
Tax Lot	Section: 55 Block: 415 Lot: 273
Municipality	Town of Hempstead, County of Nassau
Zoning	Residential and Commercial
USGS Quadrangle	Freeport, NY
Physical Location	Latitude 40° 40' 36.85" North Longitude 73° 35' 21.36" West
Land Size	Approximately 16,000 square feet
Building Footprint	Approximately 9,000 square feet
Site Elevation	38 feet
Depth to Groundwater	20 feet
Site Topography	Generally flat

1.1 SITE HYDROGEOLOGY

Nassau County, New York is located in the Atlantic Coastal Plain physiographic province that is characterized by low hills of unconsolidated sands, gravel and silt. According to Franke (1972), regionally, the near-surface sediments consist of the Upper Glacial deposits that are characterized by southward sloping deposits of sand, gravel and silt. The Upper Glacial deposits have a maximum thickness of 600 feet. They are underlain by the Magothy, Raritan and Lloyd Formations. The Gardiners Clay and the Jameco gravel separate the Upper Glacial deposits and the Magothy Formation along the southwest portion of Long Island. Due to less superficial contamination and higher well yields, the Magothy aquifer is the main supply for drinking and industrial water. Consequently, the USEPA has identified the Magothy aquifer as a Sole Source Aquifer. The Site is in the Upper Glacial aquifer. Pump test data suggests hydraulic conductivity between the Magothy and Upper Glacial aquifers. However, discontinuous clay lenses may prevent this interaction in some areas.



According to groundwater contour maps provided by the NCDH and the NYSDEC, Topographic Quadrangles provided by the USGS, and previous work performed by ***LEA*** in the area, the Site has an elevation of approximately 38 feet above mean sea level. Regional groundwater, based on site specific hydrogeologic data, is at 20 feet below grade at the Site and flowing in a southerly direction, towards Baldwin Bay.

1.2 SITE HISTORY, PREVIOUS INVESTIGATIONS

A total of four environmental investigations had been performed at the Site prior to implementing the IRM. These investigations, which had been conducted by Sear-Brown Group, Malcolm Pirnie Consulting and Dermody Consulting, are as follows:

- **Phase I Environmental Site Assessment, Sear-Brown, October, 2002**
- **Phase II Environmental Site Assessment Report, Sear-Brown, December 26, 2002**
- **Subsurface Remedial Investigation, Malcolm Pirnie, April, 2008**
- **Supplemental Remedial Investigation Report and Focused Feasibility Study, Dermody Consulting, May, 2012**

1.2.1 Phase I Environmental Site Assessment, Sear-Brown, October 2002

The Phase I indicated that, prior to 1955, the subject property was developed with a small structure located on the southern portion of the subject property (the "Site"), and that after 1955, a large industrial building ("Site Building") was built on the Site. Between 1955 and 1998, the Site Building was operated as a commercial laundry by several different occupants. Ownership of the property also changed three times during that time frame.

The Phase I identified three active drywells throughout the asphalted parking area, as well as a trench drain, abandoned with concrete, within the Site Building.

1.2.2 Phase II Environmental Site Assessment, Sear-Brown, December 26, 2002

A Phase II ESA was conducted at the Site by Sear-Brown to address areas of concern identified in the Phase I. The Phase II consisted of the following:

- A geophysical survey was performed to verify the presence of USTs at the Site.
- Eight soil borings were installed at the Site, identified as GP-20-1 through GP-20-8. The soil borings were installed to a depth ranging from 8 to 28 feet below the ground surface. Of the eight soil borings, four were converted to permanent groundwater monitoring wells.

The results of the soil and groundwater sampling indicated the presence of tetrachloroethylene (PCE) and its degradation products, in various samples, above their respective regulatory standards.

1.2.3 Subsurface Remedial Investigation, Malcolm Pirnie, April/May 2008

In April and May of 2008, Malcolm Pirnie performed a Subsurface Remedial Investigation at the Site to further delineate the extent of impact. To this end, Malcolm Pirnie performed the following:

- Collected standing water and sediment samples for the three storm water drywells.
- Performed 19 soil borings, identified as SB-1 through SB-19. From the 19 borings, 33 soil samples were retained for laboratory analysis.
- Collected two surface samples, identified as SS-1 and SS-2.
- Collected 30 groundwater samples from various depths in four on-Site locations and six off-Site locations south of the Site.

The soil and sediment samples were analyzed for the presence of Volatile Organic Compounds (VOCs), Semi-Volatile Organic Compounds (SVOC), and Metals. The standing water collected from the drywells were analyzed for VOCs. All of the groundwater samples were analyzed for VOCs and SVOCs.

The analytical results indicated that there was no up-gradient component to the PCE found at the Site. The soil samples indicated that impacted soil was present in the samples retained from the shallow depths within the central portion of the Site Building. The results of the groundwater analysis verified the presence of PCE in the groundwater at the water table under the Site Building and the access driveway. Groundwater samples obtained immediately downgradient of the Site verified the presence of PCE, with highest concentration at the water table and decreasing concentrations within the water column. The sediment sample obtained from the storm water drywell did not contain PCE. However, elevated SVOCs were present at concentrations exceeding the Soil Cleanup Objective (SCO) provided in the NYSDEC Technical and Administrative Guidance Memorandum (TAGM) 4046.

1.2.4 Supplemental Remedial Investigation Report and Focused Feasibility Study

Dermody Consulting performed a Supplemental Remedial Investigation in November, 2010 and September, 2011, to further delineate the extent of soil and groundwater impact both on and off-Site. The scope of work performed by Dermody included the following:

- Performed a Ground Penetrating Radar (GPR) survey to evaluate the Site for the presence of USTs.
- Performed soil borings in five locations identified as SB-22 through SB-26. Core samples were collected from 0 - 20 feet bgs. The core samples were field screened utilizing a photoionization detector PID. The samples with the highest PID readings and the sample directly above the water table were retained for analysis.
- Collected twelve off-Site groundwater samples utilizing a direct push sampler, identified as GW-22 through GW-33. Each groundwater sample was collected over three depth intervals; (24 - 26), (40 - 42) and (60 - 62) feet bgs.
- Installed and sampled four off-Site groundwater monitoring wells identified as MW-1S (20 - 25), MW-1D (47 - 50), MW-2S (20 - 25), and MW-2D (47 - 50). These wells were installed directly south of the Site on the north side of West Centennial Avenue.

The results of the GPR survey confirmed the presence of a heating oil UST to the south of the Site Building, but did not identify any anomalies consistent with USTs to the north of the Site Building. Soil samples were retained within the top three feet for all of the soil boring locations and from between 15 and 18 feet in boring locations SB-22 through SB-24. The analytical results from the soil borings confirmed that PCE was present in the shallow soil in the central portion of the Site Building and in the corresponding area to the west of the Site Building in the access driveway. The off-Site groundwater samples obtained through direct push sampling confirmed the presence of low concentrations of PCE in the water column to the south of the Site, but only the samples along West Centennial Avenue were above NYSDEC Class GA Ambient Water Quality Standards.

1.3 IRM PERFORMED

The IRM included baseline groundwater sampling, the remediation of three (3) Class V Underground Injection Control (UIC) structures, the installation of an Air Sparge (AS) and Soil Vapor Extraction (SVE) systems at the Site, and the excavation and removal of the impacted soil within the Site Building The IRM was conducted in accordance with the approved revised IRM Workplan except that installation of the AS and SVE systems were modified and installed first to address soil vapor concerns prior to the excavation of the impacted soil.

2.0 BASELINE GROUNDWATER SAMPLING

On June 18, 2013, ***LEA*** performed baseline groundwater sampling to establish the current groundwater condition at the Site and to determine if an AS component would be required as part of the remediation effort. A total of nine (9) groundwater samples were collected, which included four (4) on-Site groundwater monitoring wells, one (1) on-Site temporary groundwater sampling point, and four (4) off-Site, down gradient monitoring wells. Based on the results of the baseline groundwater sampling, it was determined that the most effective way to address the impacted soil and groundwater beneath the Site was through removal of impacted soil combined with the installation of an AS/SVE system.

3.0 UIC REMEDIATION

On June 17, and 18, 2013 AARCO Environmental, under the direction of ***LEA***, removed the visually impacted material from the base of the three on-Site UIC structures (i.e., storm water drywells), designated DW-1 through DW-3. Upon completion of the removal of the impacted material confirmatory end point samples were collected and submitted for laboratory analysis. The results of the analysis indicated that all impacted material was successfully removed. A copy of the full Interim Remedial Measures UIC Remediation Report is provided in Appendix D.

4.0 INSTALLATION OF AIR SPARGE AND SOIL VAPOR EXTRACTION SYSTEM

Based on the results of the baseline groundwater sampling, it was determined that an AS/SVE system would be (in association with soil excavation) the most effective remedial approach to address the on-Site contamination and prevent the migration of any contamination off-Site. Prior to installing the remediation system, an AS/SVE pilot test was performed. The results of the pilot test were utilized to design the AS/SVE system. The pilot test system was converted to a temporary SVE remediation system, which remained in operation during the design and construction of the full AS/SVE system.

4.1 PILOT TEST

On January 15, 16, and 17, 2014, a total of three (3) 2-inch diameter soil vapor extraction wells were installed to perform the pilot test. The wells were installed along the eastern wall of the Site Building. The wells were installed to a depth of twenty-three (23) feet below the ground surface and consisted of thirteen (13) feet of 0.020-inch slotted screen with a solid riser that extends two feet above grade. The three SVE wells were then connected via three-inch diameter PVC piping to a vapor extraction blower motor equipped with a pressure gauge, a flow meter and a flow regulator. A one-inch diameter PVC air sparging point, screened from thirty-three (33) to thirty-five (35) feet below ground surface, was installed within the SVE well network inside the Site Building. The sparge point was then connected to an air sparging compressor. To determine the radius of influence of the AS and SVE components of the proposed remediation system, four (4) one-inch diameter piezometer wells were installed at predetermined distances (5, 10, 15 and 20 feet) from the northernmost SVE and AS well. The AS and SVE pilot tests were performed on January 20 and 21, 2014 to determine the radius of influence for each component of the system. The pilot test data was then utilized to design the AS/SVE remediation system.

4.2 TEMPORARY SOIL VAPOR EXTRACTION

To reduce the potential for off-Site migration of vapors associated with the impacted soil beneath the Site, the Pilot SVE system was converted to a temporary SVE system on January 21, 2014 and was operated during the design and construction phase of the final AS/SVE system. The temporary SVE system utilized the three (3) SVE wells that had been installed for the pilot test along the eastern down and side gradient portions of the Site, as well as a 200 lb. activated carbon drum to treat the effluent air stream prior to its discharge to the atmosphere.

4.3 AIR SPARGE AND SOIL VAPOR EXTRACTION SYSTEM

The final design of the AS/SVE remediation system consisted of the installation of an additional four (4) air sparging points, for a total of five (5) air sparging points and an additional seven (7) soil vapor extraction points for a total of ten (10) soil vapor extraction points. All of the AS and SVE lines were piped to their respective remediation units within a self-contained remediation trailer located along the north exterior wall of the Site Building.

Air Sparging

Four (4) AS points are located within the grassy area to the south of the Site Building. One (1) AS point is located approximately fifteen feet north of the Site Building, in the parking lot. Each air sparge line consists of 1-inch diameter galvanized piping that is connected to a sparging compressor fitted with a manifold, allowing for the regulation of pressure and flow rate of air to each sparging point.

Soil Vapor Extraction

Each of ten (10) soil vapor extraction points point consist of a 2-inch diameter PVC vapor extraction well, installed to a depth of twenty-three (23) feet bgs. Each well has a screened interval from five (5) feet to twenty-three (23) feet. Three SVE (3) wells, each with a dedicated vapor extraction line, are located within the grassy area to the south of the Site Building. Six SVE (6) wells are located within the Site building's interior; three (3) along the east side of the building and three along the west side of the building. These wells are connected together in groups of two (2) and piped back to the remediation trailer. The final soil vapor extraction well is located to the north of the Site Building in the parking area. All wells are piped back to the remediation system via 2-inch diameter PVC piping that is connected to a soil vapor extraction blower, fitted with a manifold, allowing for the regulation of air flow from each vapor extraction point or group. All extracted air is directed through a moisture separator then through two 4,000-pound granular activated carbon (GAC) units prior to discharge to the atmosphere.

The AS/SVE system, which became operational on June 11, 2014, was and continues to be monitored on a monthly basis for both operational status and effectiveness. This is accomplished by inspection of all operational pressure and vacuum gauges, monitoring the pressure field beneath the floor from a network of piezometer wells, and by measuring the concentration of vapor within the vapor extraction air stream utilizing a photoionization detector (PID). All collected readings are recorded on a field data sheet, a copy of which is provided in Appendix E.

5.0 SUB-SLAB SOIL EXCAVATION AND ANALYSIS

5.1 COMMUNITY AIR MONITORING

On October 14 and 15, 2014, ***LEA*** performed the soil excavation portion of the IRM. Prior to the performance of any excavation activities, air monitoring/sampling instruments were set up in accordance with the CAMP. Air sampling consisted of continuous air monitoring for total dust, utilizing a Dust Track II air monitor, and for VOCs, utilizing a PID. Air monitoring was performed in two (2) locations. The first location was on the north side of the Site Building, outside the bay door entrance on the up-gradient side of the work area. The second location was directly outside the access doorway at the south end of the west wall of the Site Building, at the down-gradient side of the Site. The air monitoring instrumentation was turned on and began recording approximately 15 minutes prior to any field activities and recording was continued for approximately 15 minutes after the conclusion of excavation activities.

5.2 EXCAVATION

The following tasks were completed by ***LEA*** at the Site with respect to the soil excavation:

1. Two (2) Dust Track II dust monitors and two (2) Photoionization detectors (PID) were setup on Site as part of the community air monitoring plan (CAMP).
2. A rectangular area of the concrete floor was precut using a walk behind concrete saw.
3. The precut concrete portion of the floor was broken into small portions and removed using a backhoe equipped with a pneumatic ram,
4. The concrete was loaded for disposal as construction debris using a backhoe.
5. Impacted soil was excavated and stockpiled on Site for disposal using a backhoe.
6. A Photo Ionization Detector (PID) equipped with a 10.6 eV lamp, and visual and olfactory methods was used to field screen all soil samples.
7. End point samples from the excavation were collected for lab analysis using a stainless steel hand auger.
8. All samples were submitted to York Analytical Laboratories, Inc. for analysis.
9. The excavation was backfilled with clean soil.
10. The impacted soil was loaded into lined hazardous waste roll-offs and transported to a licensed soil disposal facility.
11. Groundwater samples were collected from all groundwater monitoring wells.

Environmental Contracting Services, Inc., under the direction of ***LEA*** Staff, saw cut the concrete floor in two (2) locations within the Site Building. Soil was excavated from within the areas identified as containing the most heavily impacted soil. The first location was a 15' x 25' area in the central portion of the Building identified as Excavation I. The second location was a 10' x 10' area in the northwestern portion of the building, identified as Excavation II. A backhoe with a pneumatic ram was then utilized to break the concrete floor into small sections, which were removed and loaded into a dump truck for off-Site disposal. A 475 square foot area of soil within the Site Building was exposed, see Figure 3.0 Excavation Endpoint Results. Utilizing a backhoe, the top 12 to 18 inches of soil was removed and field screened by a ***LEA*** geologist, utilizing a PID. Soil with a PID reading of less than 50 parts per million (ppm) was stockpiled for use as backfill material.

Visually impacted material was continuously field screened and placed on polyethylene sheeting in the northeast interior portion of the Site Building. Excavation continued until all visually impacted material was removed and field screening results indicated PID readings of less than 50 ppm. At the conclusion of the excavation process, approximately 50 cubic yards of impacted soil was removed and stockpiled for off-Site disposal. A photo log of the soil removal is provided in Appendix F and waste manifests are provided in Appendix B.

Prior to back filling the excavation, a total of seven (7) endpoint soil samples were collected, six (6) samples were collected from Excavation I and one (1) sample was collected from Excavation II, see Section 5.3 below.

5.3 SAMPLING AND ANALYSIS

A ***LEA*** geologist collected a total of seven (7) endpoint soil samples. Soil samples were collected utilizing a stainless steel hand auger. The samples were collected from 3 feet and 9 below the ground surface (bgs) in Excavation I, and from a depth of 5 feet bgs in Excavation II. All samples were placed in laboratory supplied containers and stored in a cooler with ice. The samples were transported to York Analytical Laboratories Inc. via laboratory courier. The samples were analyzed for the presence of VOCs in accordance with EPA Method 8260. Laboratory results can be found in Appendix A, and the NYSDEC Part 375-6.8(a) SCOs Table is included in Appendix C.

End-Point Sample Results

Laboratory analysis indicated PCE was not detected in sample EX-2 Center 5' (below the laboratory reporting limit of 5.0 µg/kg) and all other endpoint samples detected PCE at concentrations below the NYSDEC Part 375-6.8(a) Unrestricted Use Soil Cleanup Objectives (SCOs). Please refer to Table I, on the following page for the tabulated data.

TABLE I
Tabulated VOC Analytical Results for Endpoint Samples
20 W. Centennial, Roosevelt, New York

Analyte/Location	EX-1 Northwest	EX-1 Est Bottom	EX-1 South Center	EX-1 North Center	EX-1 Southwest	EX-2 Center	EX-1 Center	Unrestricted
Depth	**3'**	**3'**	**3'**	**3'**	**3'**	**5'**	**9'**	**Use SCO**
Analyte								
1,1,1-Trichloroethane	<5.1	<5.3	<5.4	<5.3	<5.6	<5.5	<5.0	680
1,1-Dichloroethane	<5.1	<5.3	<5.4	<5.3	<5.6	<5.5	<5.0	270
1,1-Dichloroethene	<5.1	<5.3	<5.4	<5.3	<5.6	<5.5	<5.0	330
1,2-Dichlorobenzene	<5.1	<5.3	<5.4	<5.3	<5.6	<5.5	<5.0	1,100
1,2-Dichloroethane	<5.1	<5.3	<5.4	<5.3	<5.6	<5.5	<5.0	20
cis-1,2-Dichloroethene	<5.1	<5.3	<5.4	<5.3	<5.6	<5.5	<5.0	250
trans-1,2-Dichloroethene	<5.1	<5.3	<5.4	<5.3	<5.6	<5.5	<5.0	190
1,3-Dichlorobenzene	<5.1	<5.3	<5.4	<5.3	<5.6	<5.5	<5.0	2,400
1,4-Dichlorobenzene	<5.1	<5.3	<5.4	<5.3	<5.6	<5.5	<5.0	1,800
1,4-Dioxane	<200	<210	<220	<210	<220	<220	<200	100
Acetone	<10	<11	<11	<11	<11	<11	<10	50
Benzene	<5.1	<5.3	<5.4	<5.3	<5.6	<5.5	<5.0	60
n-Butylbenzene	<5.1	<5.3	<5.4	<5.3	<5.6	<5.5	<5.0	12,000
Carbon tetrachloride	<5.1	<5.3	<5.4	<5.3	<5.6	<5.5	<5.0	760
Chlorobenzene	<5.1	<5.3	<5.4	<5.3	<5.6	<5.5	<5.0	1,100
Chloroform	<5.1	<5.3	<5.4	<5.3	<5.6	<5.5	<5.0	370
Ethylbenzene	<5.1	<5.3	<5.4	<5.3	<5.6	<5.5	<5.0	1,000
Hexachlorobenzene	<5.1	<5.3	<5.4	<5.3	<5.6	<5.5	<5.0	330
Methyl ethyl ketone	<5.1	<5.3	<5.4	<5.3	<5.6	<5.5	<5.0	120
Methyl tert-butyl ether	<5.1	<5.3	<5.4	<5.3	<5.6	<5.5	<5.0	930
Methylene chloride	<10	<11	<11	<11	<11	<11	<10	50
n-Propylbenzene	<5.1	<5.3	<5.4	<5.3	<5.6	<5.5	<5.0	3,900
sec-Butylbenzene	<5.1	<5.3	<5.4	<5.3	<5.6	<5.5	<5.0	11,000
tert-Butylbenzene	<5.1	<5.3	<5.4	<5.3	<5.6	<5.5	<5.0	5,900
Tetrachloroethylene	11	6.7	12	39	110	440	<5.0	1,300
Toluene	<5.1	<5.3	<5.4	<5.3	<5.6	<5.5	<5.0	700
Trichloroethene	<5.1	<5.3	<5.4	<5.3	<5.6	<5.5	<5.0	470
1,2,4-Trimethylbenzene	<5.1	<5.3	<5.4	<5.3	<5.6	<5.5	<5.0	3,600
1,3,5-Trimethylbenzene	<5.1	<5.3	<5.4	<5.3	<5.6	<5.5	<5.0	8,400
Vinyl chloride	<5.1	<5.3	<5.4	<5.3	<5.6	<5.5	<5.0	20
Xylene (mixed)	<15	<16	<16	<16	32	<16	<15	260

All concentrations are in parts per billion (ppb)

Analytes not tabulated are below laboratory quantitative levels (BQL)

Bold and Shaded= Concentration above Unrestricted Use Soil Cleanup Objective (SCO)

NA =Not Applicable or Not Analyzed

Based on the analytic results of the endpoint soil samples collected after the soil excavation process, no additional excavation needs to be performed in the area of Excavation I or Excavation II.

5.4 BACK FILLING OF EXCAVATIONS

The two (2) excavation areas were backfilled utilizing clean native material that had been stockpiled during the initial excavation and with clean fill material obtained from a local backfill supplier. Utilizing, the excavations were backfilled in one (1) foot lifts using a backhoe and vibrating plate compactor. The excavations were backfilled to approximately 3" below the finished floor height to allow for future installation of a concrete floor.

5.5 WASTE DISPOSAL

Approximately 50 cubic yards of impacted soil was removed from the two excavation areas and stockpiled on-Site, pending disposal. On March 30, 2015 Environmental Contracting Services, Inc. loaded the impacted soil into four (4) 20 cubic yard trailers and transported by Freehold Cartage Inc. of Freehold, NJ to EnGlobe corp. in Quebec, Canada. A total of 58.25 tons of impacted soil was removed from the Site, and transported under proper chain of custody to a certified waste disposal facility in Canada. Copies of the waste manifest are provided in Appendix B.

6.0 GROUNDWATER SAMPLING AND ANALYSIS

On July 23, 2015, after the SVE/AS remediation system had been continuously running for fourteen months, ***LEA*** collected groundwater samples from the on-Site and off-Site groundwater monitoring well network. At the time of groundwater sampling in July 2015, five (5) of the eight (8) groundwater monitoring wells were accessible. One (1) off-Site well cluster containing two (2) wells (MW-1S and 1D) could not be sampled at that time, but was subsequently sampled on September 21, 2015. One (1) well located within the Site Building (MW-20-3) was destroyed during the soil excavation portion of the IRM; however, re-installation of this well was not deemed necessary to evaluate groundwater conditions at the Site. All wells were gauged for the presence of free phase product, dense non-aqueous phase liquid (DNAPL), purged and sampled. None of the wells contained any free phase product.

6.1 SAMPLING

Each groundwater monitoring well was purged of three to five well volumes. The well volume was calculated by measuring the total column of water in the monitoring well and multiplying by the area of the well. Utilizing a YSI Model Professional Plus groundwater quality meter and a Hanna Turbidity meter, groundwater parameters were monitored and recorded to verify that the groundwater conditions had stabilized prior to the collection of any samples.

Refer to Table II: Groundwater Monitoring and Water Quality Data below:

Table II.
Groundwater Monitoring and Water Quality Data
20 West Centennial Avenue, Roosevelt New York

Monitoring Well #	MW-1S	MW-1D	MW-2S	MW-2D	MW-20-4	MW-20-7	MW-20-8
Depth to Water	19.8	19.5	16.2	19.6	19.81	19.53	19.15
Depth to Bottom	24.75.	49.83	24.51	50.72	26.95	29.6	25.6
Total Water	4.95	30.33	8.31	31.12	7.14	10.07	6.45
Temperature	14.3	15.2	14.7	15.8	14.6	15.1	15.9
Dissolved Oxygen (mg/l)	8.2	4.5	10.2	5.3	7.7	3.6	6.4
Conductivity	97.5	286.4	114.4	421.9	37.5	375.7	262.9
pH	6.88	6.92	6.8	6.46	7.3	6.6	6.7
Oxidation-Reduction Potential	137.2	118.1	161.2	110.3	228.0	197.4	187.7
Turbidity	18.4	297.6	12.9	312.3	384.3	45	266.2

After the groundwater conditions within each well stabilized, samples were collected utilizing low flow techniques, placed into laboratory supplied glassware and stored in a cooler, maintaining a temperature of less than 4 ºC. Samples were delivered via laboratory courier to York Analytical Laboratories, Inc., of Stratford, Connecticut, NYSDOH ELAP #10854, for laboratory analysis.

6.2 ANALYTICAL RESULTS

All groundwater samples were analyzed for the presence of VOCs in accordance with EPA Method 8260B. Tabulated analytical results are presented in Tables III, IIIA and IIIB, on the following pages. For well locations and concentrations, see Figure 4.0.

Laboratory analysis of the samples showed the following:

- Tetrachloroethylene (PCE) concentrations slightly exceeded the NYSDEC TOGs 1.1.1, Ambient Groundwater Standard of 5 µg/L in following wells:
    - 5.5 µg/L in MW-20-7
    - 10 µg/L in MW-2S
    - 120 µg/L in MW-1D
- Trichloroethylene did not exceed the NYS DEC TOGs 1.1.1, Ambient Groundwater Standard of 5 µg/L in any of the wells.

Table III
Tabulated VOC Analytical Results
On-Site Groundwater Monitoring Wells
20 West Centennial Avenue, Roosevelt, New York

Sample ID York ID Sampling Date Client Matrix	NYSDEC TOGS Standards and Guidance Values - GA	MW-20-4 15G0848-01 7/23/2015 Water		MW2-S 15G0848-02 7/23/2015 Water		MW2-D 15G0848-03 7/23/2015 Water		MW-20-8 15G0848-04 7/23/2015 Water	
Compound		Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 List - Low Level	µg/L	µg/L		µg/L		µg/L		µg/L	
Dilution Factor		1		1		1		1	
1,1,1,2-Tetrachloroethane	5	0.20	U	0.20	U	0.20	U	0.20	U
1,1,1-Trichloroethane	5	0.20	U	0.20	U	0.20	U	0.20	U
1,1,2,2-Tetrachloroethane	5	0.20	U	0.20	U	0.20	U	0.20	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5	0.20	U	0.20	U	0.20	U	0.20	U
1,1,2-Trichloroethane	1	0.20	U	0.20	U	0.20	U	0.20	U
1,1-Dichloroethane	5	0.20	U	0.20	U	0.20	U	0.20	U
1,1-Dichloroethylene	5	0.20	U	0.20	U	0.20	U	0.20	U
1,1-Dichloropropylene	5	0.20	U	0.20	U	0.20	U	0.20	U
1,2,3-Trichlorobenzene	5	0.20	U	0.20	U	0.20	U	0.20	U
1,2,3-Trichloropropane	0.04	0.20	U	0.20	U	0.20	U	0.20	U
1,2,4,5-Tetramethylbenzene	~	1.10	B	0.47	JB	0.32	JB	0.22	JB
1,2,4-Trichlorobenzene	5	0.20	U	0.20	U	0.20	U	0.20	U
1,2,4-Trimethylbenzene	5	0.20	U	0.20	U	0.20	U	0.20	U
1,2-Dibromo-3-chloropropane	0.04	0.20	U	0.20	U	0.20	U	0.20	U
1,2-Dibromoethane	5	0.20	U	0.20	U	0.20	U	0.20	U
1,2-Dichlorobenzene	3	0.20	U	0.20	U	0.20	U	0.20	U
1,2-Dichloroethane	0.6	0.20	U	0.20	U	0.20	U	0.20	U
1,2-Dichloropropane	1	0.20	U	0.20	U	0.20	U	0.20	U
1,3,5-Trimethylbenzene	5	0.20	U	0.20	U	0.20	U	0.20	U
1,3-Dichlorobenzene	3	0.20	U	0.20	U	0.20	U	0.20	U
1,3-Dichloropropane	5	0.20	U	0.20	U	0.20	U	0.20	U
1,4-Dichlorobenzene	3	0.20	U	0.20	U	0.20	U	0.20	U
2,2-Dichloropropane	5	0.20	U	0.20	U	0.20	U	0.20	U
2-Butanone	50	0.20	U	0.20	U	0.20	U	0.20	U
2-Chlorotoluene	5	0.20	U	0.20	U	0.20	U	0.20	U
2-Hexanone	50	0.20	U	0.20	U	0.20	U	0.20	U
4-Chlorotoluene	5	0.20	U	0.20	U	0.20	U	0.20	U
4-Methyl-2-pentanone	~	0.20	U	0.20	U	0.20	U	0.20	U
Acetone	50	1	U	1	U	1	U	1	U
Benzene	1	0.20	U	0.20	U	0.20	U	0.20	U
Bromobenzene	5	0.20	U	0.20	U	0.20	U	0.20	U
Bromochloromethane	5	0.20	U	0.20	U	0.20	U	0.20	U
Bromodichloromethane	50	0.20	U	0.20	U	0.20	U	0.20	U
Bromoform	50	0.20	U	0.20	U	0.20	U	0.20	U
Bromomethane	5	0.20	U	0.20	U	0.20	U	0.20	U
Carbon disulfide	~	0.20	U	0.20	U	0.20	U	0.20	U
Carbon tetrachloride	5	0.20	U	0.20	U	0.20	U	0.20	U
Chlorobenzene	5	0.20	U	0.20	U	0.20	U	0.20	U
Chloroethane	5	0.20	U	0.20	U	0.20	U	0.20	U

Sample ID York ID Sampling Date Client Matrix	NYSDEC TOGS Standards and Guidance Values - GA	MW-20-4 15G0848-01 7/23/2015 Water		MW2-S 15G0848-02 7/23/2015 Water		MW2-D 15G0848-03 7/23/2015 Water		MW-20-8 15G0848-04 7/23/2015 Water	
Compound		Result	Q	Result	Q	Result	Q	Result	Q
Chloroform	7	0.20	U	0.20	U	0.20	U	0.20	U
Chloromethane	5	0.20	U	0.20	U	0.20	U	0.20	U
cis-1,2-Dichloroethylene	5	0.20	U	0.20	U	0.42	J	0.20	U
cis-1,3-Dichloropropylene	0.4	0.20	U	0.20	U	0.20	U	0.20	U
Dibromochloromethane	50	0.20	U	0.20	U	0.20	U	0.20	U
Dibromomethane	~	0.20	U	0.20	U	0.20	U	0.20	U
Dichlorodifluoromethane	5	0.20	U	0.20	U	0.20	U	0.20	U
Ethyl Benzene	5	0.20	U	0.20	U	0.20	U	0.20	U
Hexachlorobutadiene	0.5	0.20	U	0.20	U	0.20	U	0.20	U
Isopropylbenzene	5	0.20	U	0.20	U	0.20	U	0.20	U
Methyl tert-butyl ether (MTBE)	10	0.20	U	0.20	U	0.20	U	0.20	U
Methylene chloride	5	1	U	1	U	1	U	1	U
Naphthalene	10	1.30	J	1	U	1	U	1	U
n-Butylbenzene	5	0.20	U	0.20	U	0.20	U	0.20	U
n-Propylbenzene	5	0.20	U	0.20	U	0.20	U	0.20	U
o-Xylene	5	0.51		0.20	U	0.20	U	0.20	U
p- & m- Xylenes	5	0.50	U	0.50	U	0.50	U	0.50	U
p-Diethylbenzene	~	0.20	U	0.20	U	0.20	U	0.20	U
p-Ethyltoluene	~	0.20	U	0.20	U	0.20	U	0.20	U
p-Isopropyltoluene	5	0.20	U	0.20	U	0.20	U	0.20	U
sec-Butylbenzene	5	0.20	U	0.20	U	0.20	U	0.20	U
Styrene	5	0.20	U	0.20	U	0.20	U	0.20	U
tert-Butylbenzene	5	0.20	U	0.20	U	0.20	U	0.20	U
Tetrachloroethylene	5	5		10		1.20		1.30	
Toluene	5	0.20	U	0.20	U	0.20	U	0.20	U
trans-1,2-Dichloroethylene	5	0.20	U	0.20	U	0.20	U	0.20	U
trans-1,3-Dichloropropylene	0.4	0.20	U	0.20	U	0.20	U	0.20	U
Trichloroethylene	5	0.20	U	0.20	U	0.20	U	0.20	U
Trichlorofluoromethane	5	0.20	U	0.20	U	0.20	U	0.20	U
Vinyl Chloride	2	0.20	U	0.20	U	0.20	U	0.20	U
Xylenes, Total	5	0.85	J	0.60	U	0.60	U	0.60	U

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table IIIA
Tabulated VOC Analytical Results
On-Site Groundwater Monitoring Wells
20 West Centennial Avenue, Roosevelt, New York

Sample ID York ID Sampling Date Client Matrix	NYSDEC TOGS Standards and Guidance Values - GA	MW-20-7 15G0848-05 7/23/2015 Water		DUP 15G0848-06 7/23/2015 Water		Field Blank 15G0848-07 7/23/2015 Water		Trip Blank 15G0848-08 7/23/2015 Water	
Compound		Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 List - Low Level	µg/L	µg/L		µg/L		µg/L		µg/L	
Dilution Factor		1		1		1		1	
1,1,1,2-Tetrachloroethane	5	0.20	U	0.20	U	0.20	U	0.20	U
1,1,1-Trichloroethane	5	0.20	U	0.20	U	0.20	U	0.20	U
1,1,2,2-Tetrachloroethane	5	0.20	U	0.20	U	0.20	U	0.20	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5	0.20	U	0.20	U	0.20	U	0.20	U
1,1,2-Trichloroethane	1	0.20	U	0.20	U	0.20	U	0.20	U
1,1-Dichloroethane	5	0.20	U	0.20	U	0.20	U	0.20	U
1,1-Dichloroethylene	5	0.20	U	0.20	U	0.20	U	0.20	U
1,1-Dichloropropylene	5	0.20	U	0.20	U	0.20	U	0.20	U
1,2,3-Trichlorobenzene	5	0.20	U	0.20	U	0.20	U	0.20	U
1,2,3-Trichloropropane	0.04	0.20	U	0.20	U	0.20	U	0.20	U
1,2,4,5-Tetramethylbenzene	~	0.20	U	0.20	U	0.20	U	0.20	U
1,2,4-Trichlorobenzene	5	0.20	U	0.20	U	0.20	U	0.20	U
1,2,4-Trimethylbenzene	5	0.20	U	0.20	U	0.20	U	0.20	U
1,2-Dibromo-3-chloropropane	0.04	0.20	U	0.20	U	0.20	U	0.20	U
1,2-Dibromoethane	5	0.20	U	0.20	U	0.20	U	0.20	U
1,2-Dichlorobenzene	3	0.20	U	0.20	U	0.20	U	0.20	U
1,2-Dichloroethane	0.6	0.20	U	0.20	U	0.20	U	0.20	U
1,2-Dichloropropane	1	0.20	U	0.20	U	0.20	U	0.20	U
1,3,5-Trimethylbenzene	5	0.20	U	0.20	U	0.20	U	0.20	U
1,3-Dichlorobenzene	3	0.20	U	0.20	U	0.20	U	0.20	U
1,3-Dichloropropane	5	0.20	U	0.20	U	0.20	U	0.20	U
1,4-Dichlorobenzene	3	0.20	U	0.20	U	0.20	U	0.20	U
2,2-Dichloropropane	5	0.20	U	0.20	U	0.20	U	0.20	U
2-Butanone	50	0.20	U	0.20	U	0.20	U	0.20	U
2-Chlorotoluene	5	0.20	U	0.20	U	0.20	U	0.20	U
2-Hexanone	50	0.20	U	0.20	U	0.20	U	0.20	U
4-Chlorotoluene	5	0.20	U	0.20	U	0.20	U	0.20	U
4-Methyl-2-pentanone	~	0.20	U	0.20	U	0.20	U	0.20	U
Acetone	50	1	U	1	U	1	U	1	U
Benzene	1	0.20	U	0.20	U	0.20	U	0.20	U
Bromobenzene	5	0.20	U	0.20	U	0.20	U	0.20	U
Bromochloromethane	5	0.20	U	0.20	U	0.20	U	0.20	U
Bromodichloromethane	50	0.20	U	0.20	U	0.20	U	0.20	U
Bromoform	50	0.20	U	0.20	U	0.20	U	0.20	U
Bromomethane	5	0.20	U	0.20	U	0.20	U	0.20	U
Carbon disulfide	~	0.20	U	0.20	U	0.20	U	0.20	U
Carbon tetrachloride	5	0.20	U	0.20	U	0.20	U	0.20	U
Chlorobenzene	5	0.20	U	0.20	U	0.20	U	0.20	U

Sample ID York ID Sampling Date Client Matrix	NYSDEC TOGS Standards and Guidance Values - GA	MW-20-7 15G0848-05 7/23/2015 Water		DUP 15G0848-06 7/23/2015 Water		Field Blank 15G0848-07 7/23/2015 Water		Trip Blank 15G0848-08 7/23/2015 Water	
Compound		Result	Q	Result	Q	Result	Q	Result	Q
Chloroethane	5	0.20	U	0.20	U	0.20	U	0.20	U
Chloroform	7	0.20	U	0.20	U	0.20	U	0.20	U
Chloromethane	5	0.20	U	0.20	U	0.20	U	0.20	U
cis-1,2-Dichloroethylene	5	0.97		0.20	U	0.20	U	0.20	U
cis-1,3-Dichloropropylene	0.4	0.20	U	0.20	U	0.20	U	0.20	U
Dibromochloromethane	50	0.20	U	0.20	U	0.20	U	0.20	U
Dibromomethane	~	0.20	U	0.20	U	0.20	U	0.20	U
Dichlorodifluoromethane	5	0.20	U	0.20	U	0.20	U	0.20	U
Ethyl Benzene	5	0.20	U	0.20	U	0.20	U	0.20	U
Hexachlorobutadiene	0.5	0.20	U	0.20	U	0.20	U	0.20	U
Isopropylbenzene	5	0.20	U	0.20	U	0.20	U	0.20	U
Methyl tert-butyl ether (MTBE)	10	0.20	U	0.20	U	0.20	U	0.20	U
Methylene chloride	5	1	U	1	U	1	U	1	U
Naphthalene	10	1	U	1	U	1	U	1	U
n-Butylbenzene	5	0.20	U	0.20	U	0.20	U	0.20	U
n-Propylbenzene	5	0.20	U	0.20	U	0.20	U	0.20	U
o-Xylene	5	0.20	U	0.20	U	0.20	U	0.20	U
p- & m- Xylenes	5	0.50	U	0.50	U	0.50	U	0.50	U
p-Diethylbenzene	~	0.20	U	0.20	U	0.20	U	0.20	U
p-Ethyltoluene	~	0.20	U	0.20	U	0.20	U	0.20	U
p-Isopropyltoluene	5	0.20	U	0.20	U	0.20	U	0.20	U
sec-Butylbenzene	5	0.20	U	0.20	U	0.20	U	0.20	U
Styrene	5	0.20	U	0.20	U	0.20	U	0.20	U
tert-Butylbenzene	5	0.20	U	0.20	U	0.20	U	0.20	U
Tetrachloroethylene	5	5.50		0.63		0.20	U	0.20	U
Toluene	5	0.20	U	0.20	U	0.20	U	0.20	U
trans-1,2-Dichloroethylene	5	0.20	U	0.20	U	0.20	U	0.20	U
trans-1,3-Dichloropropylene	0.4	0.20	U	0.20	U	0.20	U	0.20	U
Trichloroethylene	5	0.61		0.20	U	0.20	U	0.20	U
Trichlorofluoromethane	5	0.20	U	0.20	U	0.20	U	0.20	U
Vinyl Chloride	2	0.20	U	0.20	U	0.20	U	0.20	U
Xylenes, Total	5	0.60	U	0.60	U	0.60	U	0.60	U

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Table IIIB
Tabulated VOC Analytical Results
On-Site Groundwater Monitoring Wells
20 West Centennial Avenue, Roosevelt, New York

Sample ID York ID Sampling Date Client Matrix	NYSDEC TOGS Standards and Guidance Values - GA	MW-1S 15I0743-01 9/21/2015 Water		MW-1D 15I0743-02 9/21/2015 Water	
Compound		Result	Q	Result	Q
Volatile Organics, 8260 List	µg/L	µg/L		µg/L	
Dilution Factor		1		1	
1,1,1,2-Tetrachloroethane	5	0.20	U	0.20	U
1,1,1-Trichloroethane	5	0.20	U	0.20	U
1,1,2,2-Tetrachloroethane	5	0.20	U	0.20	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5	0.20	U	0.20	U
1,1,2-Trichloroethane	1	0.20	U	0.20	U
1,1-Dichloroethane	5	0.20	U	0.20	U
1,1-Dichloroethylene	5	0.20	U	0.20	U
1,1-Dichloropropylene	5	0.20	U	0.20	U
1,2,3-Trichlorobenzene	5	0.20	U	0.20	U
1,2,3-Trichloropropane	0.04	0.20	U	0.20	U
1,2,4,5-Tetramethylbenzene	~	0.20	U	0.20	U
1,2,4-Trichlorobenzene	5	0.20	U	0.20	U
1,2,4-Trimethylbenzene	5	0.20	U	0.20	U
1,2-Dibromo-3-chloropropane	0.04	0.20	U	0.20	U
1,2-Dibromoethane	5	0.20	U	0.20	U
1,2-Dichlorobenzene	3	0.20	U	0.20	U
1,2-Dichloroethane	0.6	0.20	U	0.20	U
1,2-Dichloropropane	1	0.20	U	0.20	U
1,3,5-Trimethylbenzene	5	0.20	U	0.20	U
1,3-Dichlorobenzene	3	0.20	U	0.20	U
1,3-Dichloropropane	5	0.20	U	0.20	U
1,4-Dichlorobenzene	3	0.20	U	0.20	U
2,2-Dichloropropane	5	0.20	U	0.20	U
2-Butanone	50	0.80	U	0.80	U
2-Chlorotoluene	5	0.20	U	0.20	U
2-Hexanone	50	0.20	U	0.20	U
4-Chlorotoluene	5	0.20	U	0.20	U
4-Methyl-2-pentanone	~	0.20	U	0.20	U
Acetone	50	1.40	JB	1	U
Benzene	1	0.20	U	0.20	U
Bromobenzene	5	0.20	U	0.20	U
Bromochloromethane	5	0.20	U	0.20	U
Bromodichloromethane	50	0.20	U	0.20	U
Bromoform	50	0.20	U	0.20	U
Bromomethane	5	0.20	U	0.20	U
Carbon disulfide	~	0.20	U	0.20	U
Carbon tetrachloride	5	0.20	U	0.20	U
Chlorobenzene	5	0.20	U	0.20	U
Chloroethane	5	0.20	U	0.20	U

Chloroform	7	0.20	U	0.23	J
Sample ID **York ID** **Sampling Date** **Client Matrix**	**NYSDEC TOGS Standards and Guidance Values - GA**	**MW-1S** **15I0743-01** **9/21/2015** **Water**		**MW-1D** **15I0743-02** **9/21/2015** **Water**	
Compound		Result	Q	Result	Q
Chloromethane	5	0.20	U	0.43	J
cis-1,2-Dichloroethylene	5	3.10		0.40	J
cis-1,3-Dichloropropylene	0.4	0.20	U	0.20	U
Dibromochloromethane	50	0.20	U	0.20	U
Dibromomethane	~	0.20	U	0.20	U
Dichlorodifluoromethane	5	0.20	U	0.20	U
Ethyl Benzene	5	0.20	U	0.20	U
Hexachlorobutadiene	0.5	0.20	U	0.20	U
Isopropylbenzene	5	0.20	U	0.20	U
Methyl tert-butyl ether (MTBE)	10	0.20	U	0.20	U
Methylene chloride	5	1	U	1	U
Naphthalene	10	1	U	1	U
n-Butylbenzene	5	0.20	U	0.20	U
n-Propylbenzene	5	0.20	U	0.20	U
o-Xylene	5	0.20	U	0.20	U
p- & m- Xylenes	5	0.50	U	0.50	U
p-Diethylbenzene	~	0.20	U	0.20	U
p-Ethyltoluene	~	0.20	U	0.20	U
p-Isopropyltoluene	5	0.20	U	0.20	U
sec-Butylbenzene	5	0.20	U	0.20	U
Styrene	5	0.20	U	0.20	U
tert-Butylbenzene	5	0.20	U	0.20	U
Tetrachloroethylene	5	1.70		120	
Toluene	5	0.20	U	0.20	U
trans-1,2-Dichloroethylene	5	0.20	U	0.20	U
trans-1,3-Dichloropropylene	0.4	0.20	U	0.20	U
Trichloroethylene	5	0.39	J	0.74	
Trichlorofluoromethane	5	0.20	U	0.20	U
Vinyl Chloride	2	0.20	U	0.20	U
Xylenes, Total	5	0.60	U	0.60	U

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

6.3 CONCENTRATIONS OF CONTAMINANTS OF CONCERN IN GROUNDWATER CONCENTRATIONS

The 2015 groundwater sample results were compared with the 2013 baseline groundwater sample results, for total concentrations of PCE. As shown in Table IV below, the total concentrations of PCE significantly decreased from 2013 to 2015. In 2015, only MW-1D, MW-2S and MW-20-7 have reported concentrations above the NYSDEC Ground Water Standards. This significant decrease in PCE concentrations between 2013 and 2015 was the result of the operation of the AS/SVE system and the removal of impacted soil. See Figure 4.0 for well locations and concentrations.

Table IV
Historical Tetrachloroethylene Concentration
20 West Centennial, Roosevelt, New York

Well ID	MW-20-4	MW-2S	MW-2D	MW-20-8	MW-20-7	MW-1S	MW-1D	NYSDEC GW Standards
DTB	27	25	50	25	30			
Date								
June 18, 2013	**200**	**410**	**19**	**140**	**18**	**540**	**190**	5
July 23, 2015*	5	**10**	1.20	1.30	**5.50**	1.70	**120**	5

*NOTE THAT MW-1S AND 1D SAMPLED ON SEPTEMBER 21, 2015

7.0 SYSTEM PERFORMANCE TESTING

To test the performance of the remediation system, a site and system monitoring inspection is performed on a monthly basis. This inspection includes checking the mechanical operation of the remediation system and the performance of pressure field monitoring. The pressure field monitoring and communication testing is performed by utilizing a monometer to measure the vacuum at six (6) pressure field monitoring points, three (3) soil vapor extraction makeup air monitoring points and one (1) downgradient monitoring well that is screened above the groundwater table. Air sampling of influent and effluent air was conducted on July 3, 2014 and July 23, 2015, the results of which also provided measurement of the amount of contamination removed from the soil vapor beneath the Site.

7.1 PRESSURE FIELD MONITORING & COMMUNICATION TESTING

Pressure field monitoring and communication testing is performed on a monthly basis during the system operational inspection. Of the ten (10) monitoring points, eight (8) points (p1 through p5, SVE-3, SVE-7 and SVE-10) are located within the Site Building, one (1) point (MW-20-4) is located in the grassy area to the south of the Site Building and one (1) point (p6) is located in the lower level of the Parish Hall to the east of the Site. Access to the Parish Hall is limited, so the vacuum at p6 is not routinely monitored. During the November 20, 2014 monthly site inspection and system check, all pressure field monitoring points were accessible and minimal vacuum was registered in p6. The SVE portion of the remediation system was re-balanced to increase the vacuum along the eastern property boundary and on December 8, 2014, the pressure

field at p6 was found to have a vacuum of 0.012 inch of water. This indicates that with re-balancing of the SVE system, the Parish Hall basement now has sufficient vacuum to prevent vapor intrusion within the building.

7.2 INFLUENT/EFFLUENT SAMPLING

Influent and effluent samples were collected on July 3, 2014. The influent sample was collected from a sampling port located along the SVE discharge line prior to the carbon unit. This sample was collected with a 6-liter summa canister fitted with a direct draw sampling regulator. The effluent sample was collected from the SVE air stream, after exiting the carbon unit. This sample was collected with a 6-liter summa canister fitted with a direct draw sampling regulator. Samples were submitted for laboratory analysis at York Analytical Laboratories, Inc., of Stratford, Connecticut (NYSDOH ELAP #10854 for laboratory analysis).

On July 23, 2015, approximately one year after the initial sampling, another round of influent and effluent samples were collected and analyzed. Samples were submitted to Pace Analytical (NYSDOH ELAP #10478 for laboratory analysis).

7.3 ANALYTICAL RESULTS

Influent and Effluent samples from July 3, 2014 and July 23, 2015 were analyzed for the presence of VOCs. Tabulated analytical results are presented in Tables V and VI, on the following pages.

Laboratory analysis of the samples showed the following:

- Tetrachloroethylene (PCE) was detected at 8,400 µg/L in the influent sample and 370 µg/L in the effluent sample for July 2014.
- Tetrachloroethylene (PCE) was detected at 6,170 µg/L in the influent sample and 15.7 µg/L in the effluent sample for July 2015.
- Trichloroethylene (TCE) was detected at 110 µg/L in the influent sample and 1.30 µg/L in the effluent sample for July 2014.
- Trichloroethylene (TCE) was detected at 31 µg/L in the influent sample and <0.25 µg/L in the effluent sample for July 2015.

The analysis in Tables V and VI display the amount of contaminants drawn out of the ground by the SVE system and the amount filtered out by the carbon unit before being dispersed into the atmosphere. This analysis demonstrates a significant decrease in PCE and TCE concentrations over the course of the year, reflecting an overall reduction in contaminants within soil and groundwater beneath the Site. Utilizing the analytical data and system flow volume, the weight of contamination removed by the system over the course of the year was calculated to be 37.94 pounds.

Table V
Influent and Effluent - Start Up
20 West Centennial, Roosevelt, New York

Sample ID York ID Sampling Date Client Matrix		System Influent Pre-Carbon Filter 14G0214-01 7/3/2014 Vapor Extraction		System Effluent Post-Carbon Filter 14G0214-02 7/3/2014 Vapor Extraction	
Compound	**CAS Number**	**Result**	**Q**	**Result**	**Q**
Volatile Organics, EPA TO15		µg/m3		µg/m3	
Dilution Factor		10		10	
1,1,1-Trichloroethane	71-55-6	5.50	U	5.50	U
1,1,2,2-Tetrachloroethane	79-34-5	6.90	U	6.90	U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	7.70	U	7.70	U
1,1,2-Trichloroethane	79-00-5	5.50	U	5.50	U
1,1-Dichloroethane	75-34-3	4	U	4	U
1,1-Dichloroethylene	75-35-4	4	U	4	U
1,2,4-Trichlorobenzene	120-82-1	7.40	U	7.40	U
1,2,4-Trimethylbenzene	95-63-6	6.40	D	11	D
1,2-Dibromoethane	106-93-4	7.70	U	7.70	U
1,2-Dichlorobenzene	95-50-1	6	U	6	U
1,2-Dichloroethane	107-06-2	4	U	4	U
1,2-Dichloropropane	78-87-5	4.60	U	4.60	U
1,2-Dichlorotetrafluoroethane	76-14-2	7	U	7	U
1,3,5-Trimethylbenzene	108-67-8	4.90	U	4.90	U
1,3-Dichlorobenzene	541-73-1	6	U	6	U
1,4-Dichlorobenzene	106-46-7	6	U	6	U
4-Methyl-2-pentanone	108-10-1	4.10	U	4.10	U
Acetone	67-64-1	20	BD	13	BD
Benzene	71-43-2	3.20	U	3.20	U
Bromodichloromethane	75-27-4	6.20	U	6.20	U
Bromoform	75-25-2	10	U	10	U
Bromomethane	74-83-9	3.90	U	3.90	U
Carbon disulfide	75-15-0	3.10	U	3.10	U
Carbon tetrachloride	56-23-5	1.60	U	1.60	U
Chlorobenzene	108-90-7	4.60	U	4.60	U
Chloroethane	75-00-3	2.60	U	2.60	U
Chloroform	67-66-3	4.90	U	4.90	U
Chloromethane	74-87-3	2.10	U	2.10	U
cis-1,2-Dichloroethylene	156-59-2	67	D	4	U
cis-1,3-Dichloropropylene	10061-01-5	4.50	U	4.50	U
Dibromochloromethane	124-48-1	8	U	8	U
Dichlorodifluoromethane	75-71-8	4.90	U	4.90	U
Ethyl Benzene	100-41-4	19	D	14	D
Hexachlorobutadiene	87-68-3	11	U	11	U
Isopropanol	67-63-0	4.90	U	4.90	U
Methyl tert-butyl ether (MTBE)	1634-04-4	3.60	U	3.60	U
Methylene chloride	75-09-2	6.90	U	6.90	U
o-Xylene	95-47-6	14	D	11	D
p- & m- Xylenes	179601-23-1	56	D	46	D

Styrene	100-42-5	4.30	U	4.30	U
Sample ID **York ID** **Sampling Date** **Client Matrix**		**System Influent Pre-Carbon Filter 14G0214-01 7/3/2014 Vapor Extraction**		**System Effluent Post-Carbon Filter 14G0214-02 7/3/2014 Vapor Extraction**	
Compound	**CAS Number**	Q	Result	Q	Results
Tetrachloroethylene	127-18-4	8,400	DE	370	D
Tetrahydrofuran	109-99-9	13	D	2.90	U
Toluene	108-88-3	9.80	D	13	D
trans-1,2-Dichloroethylene	156-60-5	4	U	4	U
trans-1,3-Dichloropropylene	10061-02-6	4.50	U	4.50	U
Trichloroethylene	79-01-6	110	D	1.30	U
Trichlorofluoromethane	75-69-4	5.60	U	5.60	U
Vinyl acetate	108-05-4	3.50	U	3.50	U
Vinyl Chloride	75-01-4	1.30	U	1.30	U

Table VI
Influent and Effluent - After 14 Months
20 W. Centennial, Roosevelt, New York

Sample ID **York ID** **Sampling Date** **Client Matrix**		**System Influent Pre-Carbon Filter 1507I72-001 7/23/2015 Vapor Extraction**		**System Effluent Post-Carbon Filter 1507I72-002 7/3/2014 Vapor Extraction**	
Compound	**CAS Number**	Result	Q	Result	Q
Volatile Organics, EPA TO15		µg/m3		µg/m3	
Dilution Factor		1		1	
1,1,1-Trichloroethane	71-55-6	<1.09	U	<1.09	U
1,1,2,2-Tetrachloroethane	79-34-5	<1.37	U	<1.37	U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	<1.53	U	<1.53	U
1,1,2-Trichloroethane	79-00-5	<1.09	U	<1.09	U
1,1-Dichloroethane	75-34-3	<0.81	U	<0.81	U
1,1-Dichloroethylene	75-35-4	<0.79	U	<0.79	U
1,2,4-Trichlorobenzene	120-82-1	<1.48	U	<1.48	U
1,2,4-Trimethylbenzene	95-63-6	3.69	D	2.06	D
1,2-Dibromoethane	106-93-4	<1.54	U	<1.54	U
1,2-Dichlorobenzene	95-50-1	<1.20	U	<1.20	U
1,2-Dichloroethane	107-06-2	<0.81	U	<0.81	U
1,2-Dichloropropane	78-87-5	<0.92	U	<0.92	U
1,2-Dichlorotetrafluoroethane	76-14-2	<1.40	U	<1.40	U
1,3,5-Trimethylbenzene	108-67-8	<0.98	U	<0.98	U
1,3-Dichlorobenzene	541-73-1	<1.20	U	<1.20	U
1,4-Dichlorobenzene	106-46-7	<1.20	U	<1.20	U
Acetone	67-64-1	31.0	S	145	DS
Benzene	71-43-2	1.37	U	68	U
Bromodichloromethane	75-27-4	<1.34	U	<1.34	U
Bromoform	75-25-2	<2.07	U	<2.07	U
Bromomethane	74-83-9	<0.78	U	<0.78	U
Carbon disulfide	75-15-0	<0.62	U	<0.62	U

Carbon tetrachloride	56-23-5	0.50	U	<0.25	U
Chlorobenzene	108-90-7	<0.92	U	<0.92	U
Chloroethane	75-00-3	<0.53	U	<0.53	U
Chloroform	67-66-3	1.12	U	<0.98	U
Chloromethane	74-87-3	0.58	U	2.50	U
cis-1,2-Dichloroethylene	156-59-2	31.8	D	<0.79	U
cis-1,3-Dichloropropylene	10061-01-5	<0.91	U	<0.91	U
Dibromochloromethane	124-48-1	<1.70	U	<1.70	U
Dichlorodifluoromethane	75-71-8	2.18	U	1.98	U
Ethyl Benzene	100-41-4	2.17	D	1.30	D
Methyl tert-butyl ether (MTBE)	1634-04-4	<0.72	U	<0.72	U
Methylene chloride	75-09-2	1.40	U	1.83	U
o-Xylene	95-47-6	3.30	D	1.61	D
p- & m- Xylenes	179601-23-1	9.34	D	5.04	D
Styrene	100-42-5	<0.85	U	<0.85	U
Tetrachloroethylene	127-18-4	6,170	DE	15.7	D
Toluene	108-88-3	19.5	D	12.6	D
trans-1,2-Dichloroethylene	156-60-5	0.79	U	<0.79	U
trans-1,3-Dichloropropylene	10061-02-6	<0.91	U	<0.91	U
Trichloroethylene	79-01-6	31.3	D	<0.25	U
Trichlorofluoromethane	75-69-4	5.28	U	2.02	U
Vinyl acetate	108-05-4	<0.70	U	<0.70	U
Vinyl Chloride	75-01-4	<0.25	U	<0.25	U

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

8.0 QUALITY ASSURANCE AND QUALITY CONTROL PROCEDURES (QA/QC)

The following sampling QA/QC protocol was used by ***LEA*** and is in accordance with the United States Environmental Protection Agency's (USEPA) accepted sampling procedures for hazardous waste streams [Municipal Research Laboratory, 1980, Sampling and Analysis Procedures for Hazardous Material Waste Streams, Office of Emergency and Remedial Response, Cincinnati, Ohio. EPA-600/280-018] and American Society of Testing and Material's (ASTM's) Sampling Procedures.

8.1 SAMPLING PERSONNEL

The activities associated with the sampling and analysis plan were performed by or under the direction of a USEPA Office of Emergency and Remedial Response, Certified Sampler for Hazardous Materials. The sample staff (samplers) possessed a minimum of a B.A. Degree in the Earth, Environmental, or Biological Sciences or a B.S. Degree in Engineering. Samplers had a minimum of one-year experience in environmental/geological field work. Additionally, all samplers had received mandatory forty-hour

Occupational Safety and Health Administration (OSHA) training on working with potentially hazardous materials and appropriate Hazard Communication Program and "Right-To-Know" training. See Appendix G Personnel Qualifications.

8.2 SAMPLING EQUIPMENT

Separate QA/QC measures were implemented for each of the instruments used in the performance of the SAP.

8.2.1 Hand Auger

Prior to arrival on the Site and between sample locations, the auger and extension rods were decontaminated by washing them with a detergent (Alconox) and potable water solution and rinsing them with distilled water.

8.2.2 Photo Ionization Detector

Calibration of the Photoionization Detector (PID) was conducted prior to sampling using a span gas of known concentration. The PID was a *RAE Systems MiniRae 2000*, photo ionization detection meter equipped with a 10.6 eV bulb.

8.2.3 Sample Vessels

All sample vessels were "Level A" certified decontaminated containers supplied by a New York State Certified Commercial Laboratory. Samples analyzed for hydrocarbons were placed in containers with Teflon lined caps. All samples were preserved by cooling them to a temperature of approximately four degrees Celsius.

8.2.4 DT 22 Soil Sampling Equipment

Prior to arrival on the Site and between sample locations, all portions of the sampling equipment that come in direct contact with potentially impacted soil were decontaminated by washing them with distilled water. All samples are collected in a single use dedicated acetate liner.

8.3 SAMPLE DOCUMENTATION

A sample represents physical evidence. To establish proper control of physical evidence, the following sample identification and chain-of custody procedures were followed.

8.3.1 Sample Identification

Sample identification was executed by use of a sample tag, log book, and chain-of-custody form providing the following information: 1) the project code; 2) the sample laboratory number; 3) the sample preservation; 4) instrument used for source sample grabs; 5) the composite medium used for source sample grabs; 6) the date the sample was secured from the source media; 7) the time the sample was secured from the source media; and 8) the person who secured the sample from the source media.

8.3.2 Chain-of-Custody Procedures

Due to the evidential nature of samples, possession was traceable from the time the samples were collected until they were received by the testing laboratory. A sample was considered under custody if it: was in a person's possession; was in a person's view, after being in possession; was in a person's possession and was locked up; or, was in a designated secure area. When transferring custody, the individuals relinquishing and receiving the samples signed, dated, and noted the time on the Chain-of-Custody form.

8.3.3 Laboratory-Custody Procedures

A designated sample custodian accepted custody of the shipped samples and verified that the information on the sample tags matched that on the Chain-of-Custody Records. Pertinent information as to shipment, pick-up, courier, etc., was entered in the "remarks" section. The custodian entered the sample tag data into a bound logbook. The laboratory custodian used the sample tag number, or assigned a unique laboratory number to each sample tag, and assured that all samples were transferred to the proper analyst or stored in the appropriate source area. The laboratory custodian distributed samples to the appropriate analysts. Laboratory personnel were responsible for the care and custody of samples, from the time they were received, until the sample was exhausted or returned to the sample custodian. All identifying data sheets and laboratory records were retained as part of the permanent documentation. Samples received by the laboratory were retained until after analysis and quality assurance checks were completed.

9.0 CONCLUSIONS

Other than a change in schedule, as noted in Section 1.3, the IRM was performed and completed in accordance with the approved IRM work plan.

- On June 18, 2013, ***LEA*** successfully performed baseline groundwater sampling.
- On June 17 and 18, 2013, ***LEA*** successfully performed UIC/Storm Drainage Drywell remediation.
- On January 20 and 21, 2015, ***LEA*** successfully conducted a pilot test of the AS/SVE system. The results of this test were used to design the final AS/SVE system.
- On January 21, 2015, the SVE pilot wells were used to provide a temporary SVE system for the Site.
- On June 11, 2014, the final AS/SVE system was completed and operational at the Site.

- On October 14 and 15, 2014, approximately 50 cubic yards, or 58.25 tons, of impacted soil were excavated from two areas identified as having the highest PCE impacted soil within the Site Building. The end point samples were collected and analyzed for the presence of VOCs utilizing EPA Method 8260. The results of the analysis found that PCE concentrations were below the unrestricted use SCOs set forth in the NYSDEC Part 375-6.8(a). The excavations were backfilled with a combination of native and imported soil. The impacted material was transported by Freeport Cartage Inc. to EnGlobe Corp. in Quebec, Canada for final disposal.

- On December 8, 2014, a pressure field and communication test was performed that confirmed that the building located on the adjoining property to the east of the Subject Building was included in the capture zone of the SVE system operating on the Subject Property.

- On July 23, 2015 and September 21, 2015, groundwater samples were collected from a total of seven (7) on-Site and off-Site groundwater monitoring wells. The collected samples were submitted to a NYSDOH accredited laboratory for analysis. The samples were analyzed for the presence of VOCs in accordance with EPA Method 8260, with ASP-B deliverables and subsequent Data Usability Summary Report (DUSR). The results of the analysis indicate that minor exceedances exist in two (2) of the groundwater monitoring wells (MW-2S and MW-20-7) and a third monitoring well (MW-1D, deep) with an exceedance, with a PCE concentration of 120 µg/L.

- The 2015 groundwater sample results were compared to the 2013 baseline groundwater sample results, for total concentrations of PCE. The total concentrations of PCE significantly decreased from 2013 to 2015. In 2015, only MW-1D, MW-2S and MW-20-7 have reported concentrations above the NYSDEC Ground Water Standards. This significant decrease in PCE concentrations between 2013 and 2015 was the result of the operation of the AS/SVE system and the removal of impacted soil.

- Analysis of the SVE system influent and effluent air samples from July 2014 and July 2015 demonstrate a significant decrease in PCE and TCE concentrations over the course of the year, reflecting an overall reduction in contaminants within soil and groundwater beneath the Site. Utilizing the analytical data and system flow volume, the weight of PCE and TCE contamination removed by the system over the course of the year was calculated to be 38.38 pounds.

10.0 RECOMMENDATIONS

Given the above conclusions, ***Laurel Environmental Associates, Ltd.*** has completed the IRM and, based upon the IRM, the Malcom Pirnie RI (May 2008), the Dermody Consulting Supplemental RI and Focused Feasibility Study (May 2012), ***Laurel Environmental Associates, Ltd.*** recommends finalizing the Feasibility Study (FS) and preparing a Proposed Remedial Action Plan (PRAP).

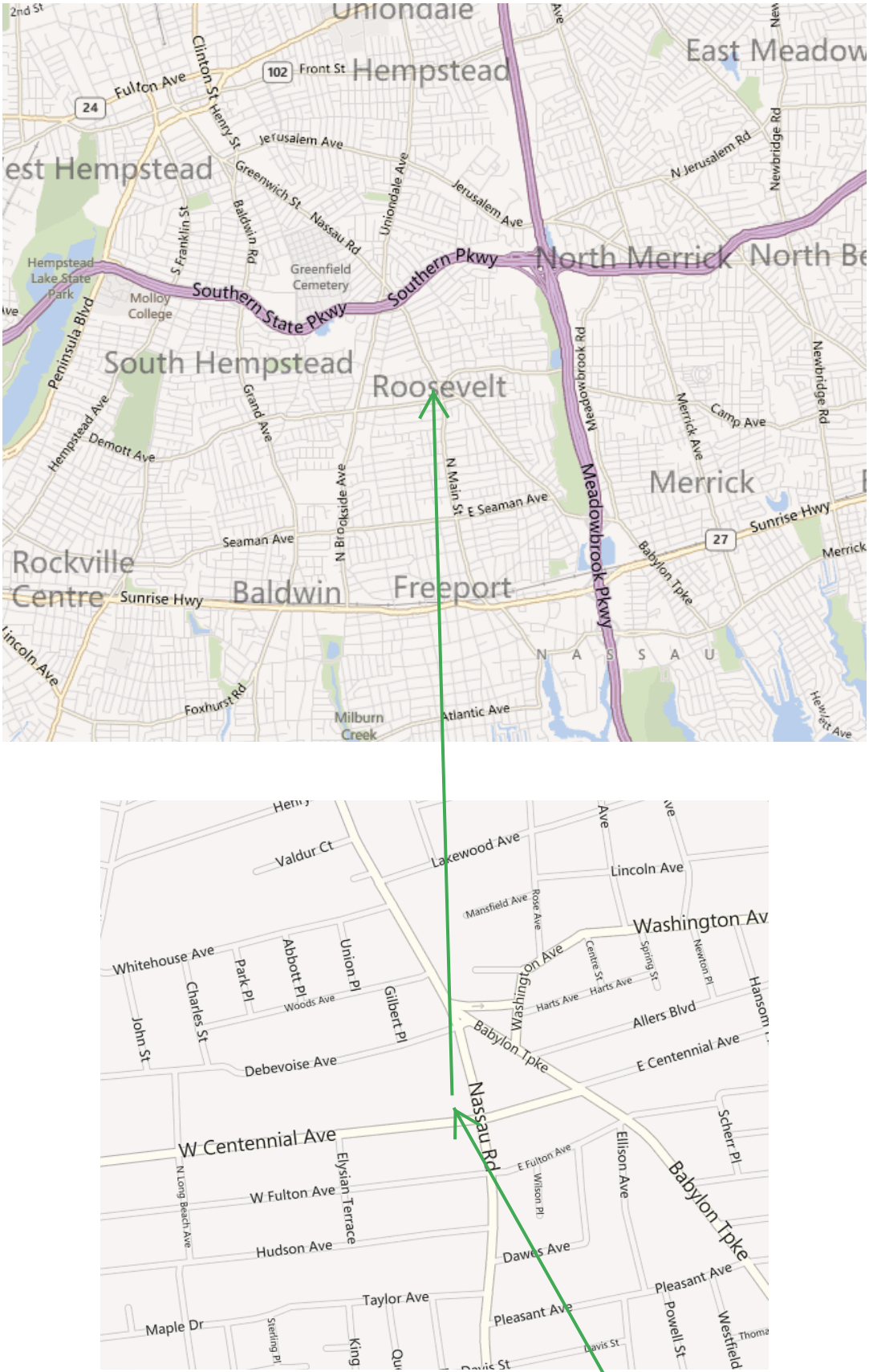
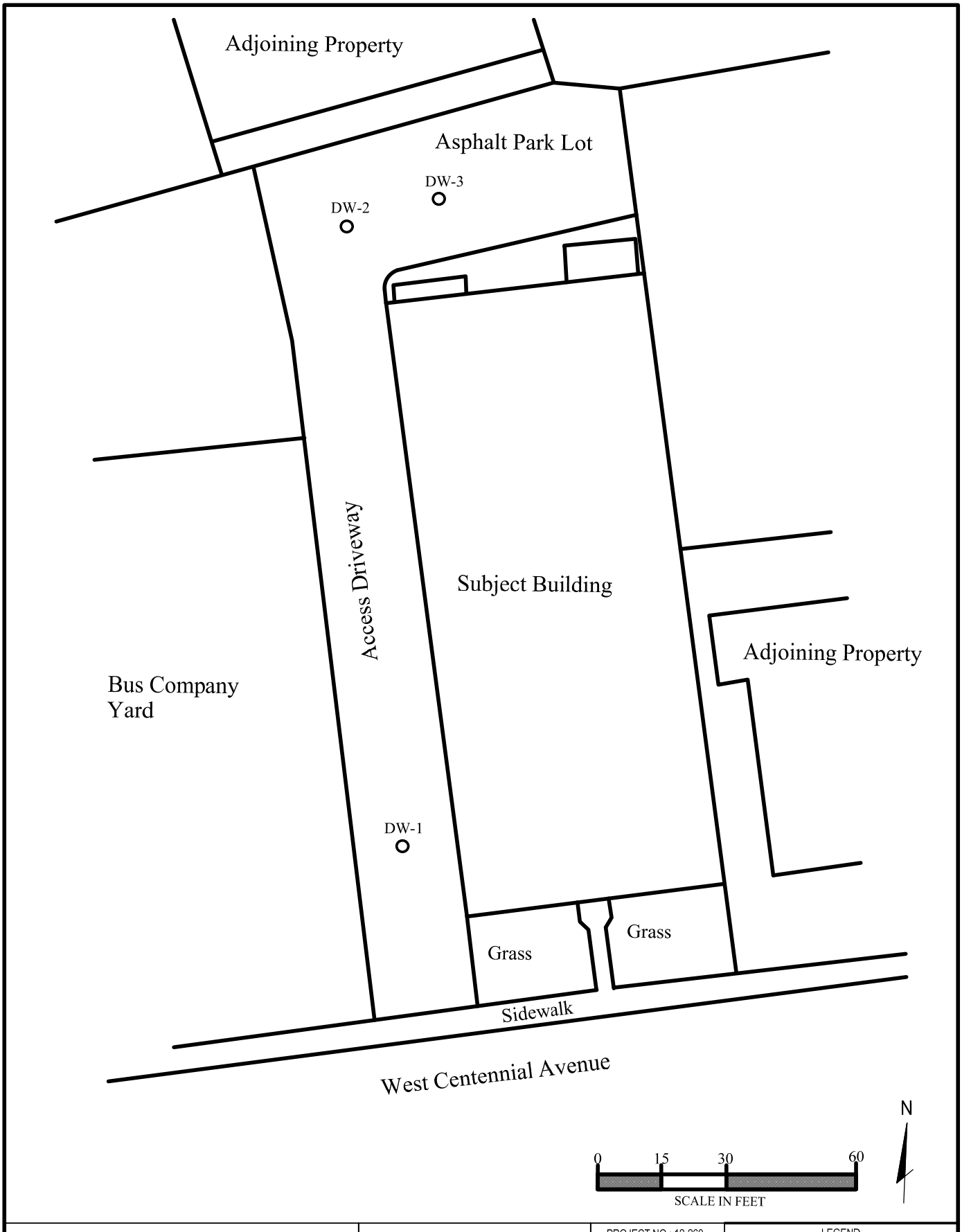


Figure 1.0 Site Location
20 West Centennial Avenue
Roosevelt, New York



Laurel ENVIRONMENTAL ASSOCIATES, LTD.

53 WEST HILLS ROAD, SUITE 1
HUNTINGTON STATION, NY 11746

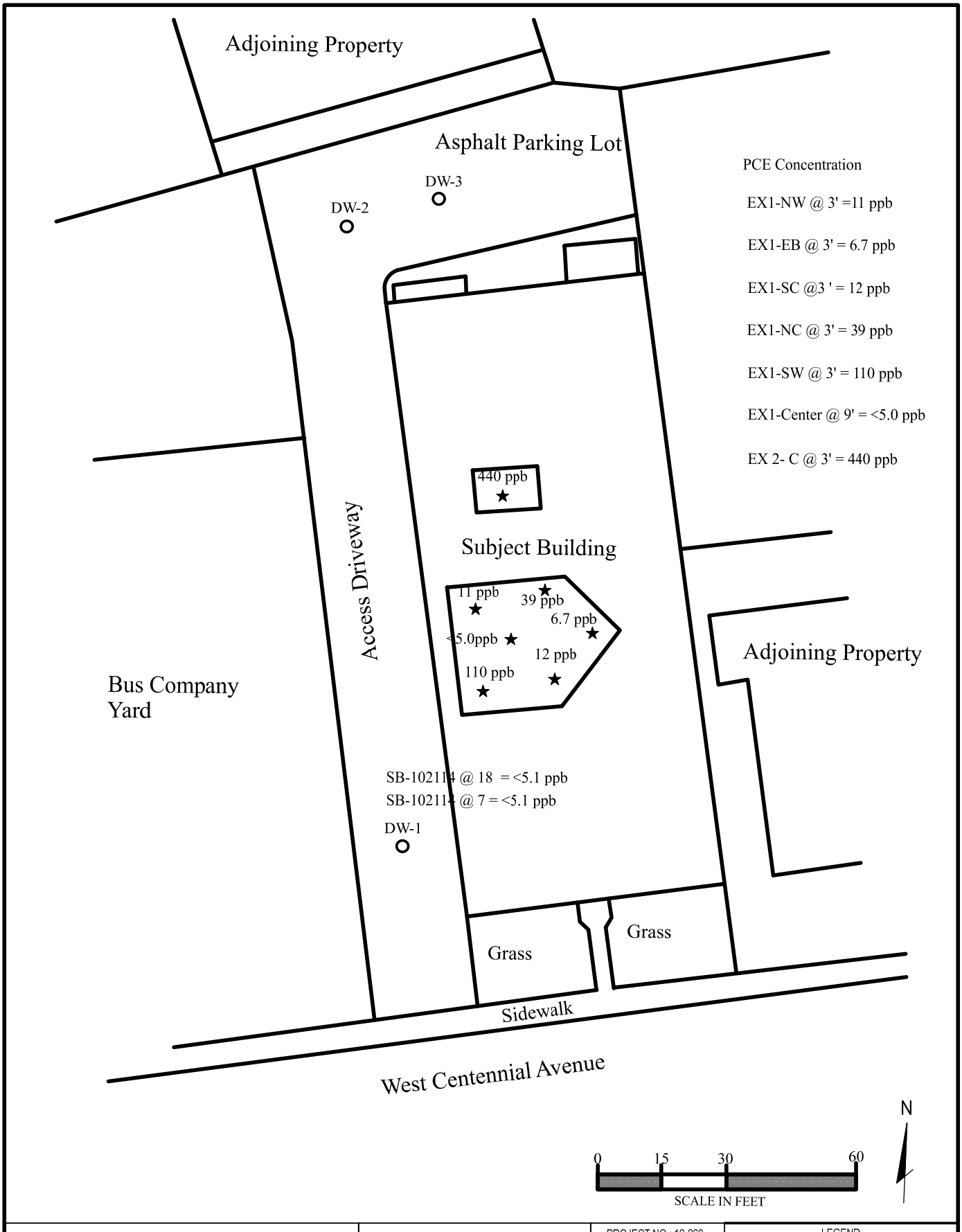
PHONE: 631-673-0612
FAX: 631-427-5323

WWW.LAURELENV.COM

FIGURE 2.0
SITE LAYOUT

20 WEST CENTENNIAL AVENUE
ROOSEVELT, NEW YORK

PROJECT NO.: 12-260	LEGEND
DRAWING DATE: 8/24/12	= Fence
DRAWN BY: BMC	= open grate manhole
CHECKED BY: THJ	
REVISIONS: 10/08/12	
REVISIONS:	
SCALE: 1 : 30	



53 WEST HILLS ROAD, SUITE 1
HUNTINGTON STATION, NY 11746

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

WWW.LAURELENV.COM

Figure 3.0
Excavation
Endpoint Results
20 WEST CENTENNIAL AVENUE
ROOSEVELT, NEW YORK

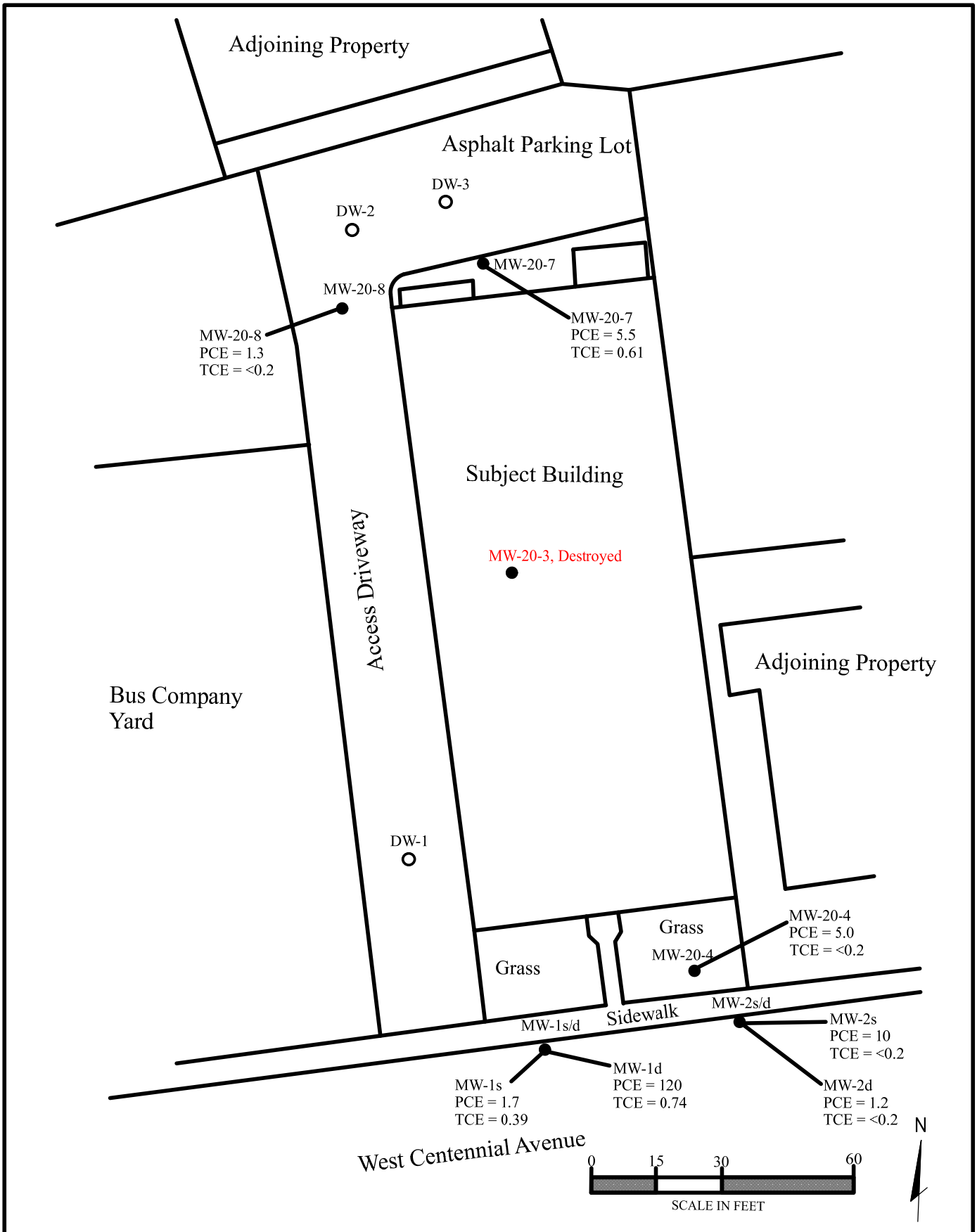
PROJECT NO.: 12-260
DRAWING DATE: 8/24/12
DRAWN BY: BMC
CHECKED BY: THJ
REVISIONS: 10/08/12
REVISIONS:
SCALE: 1 : 30

LEGEND

= Fence

= open grate manhole

★ = End point sample location with PCE conenctrations



53 WEST HILLS ROAD, SUITE 1
HUNTINGTON STATION, NY 11746

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

WWW.LAURELENV.COM

FIGURE 4.0
MONITORING WELL LOCATIONS

20 WEST CENTENNIAL AVENUE
ROOSEVELT, NEW YORK

PROJECT NO.: 12-260
DRAWING DATE: 8/24/12
DRAWN BY: BMC
CHECKED BY: DP
REVISIONS: 10/08/12
REVISIONS: 10/15/15
SCALE: 1 : 30

LEGEND

= Fence

= open grate manhole

APPENDIX A

Laboratory Analysis

Technical Report

prepared for:

Laurel Environmental
53 W Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Report Date: 07/29/2015
Client Project ID: 20 West Centennial
York Project (SDG) No.: 15G0848

Report Date: 07/29/2015
Client Project ID: 20 West Centennial
York Project (SDG) No.: 15G0848

Laurel Environmental
53 W Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 24, 2015 and listed below. The project was identified as your project: **20 West Centennial**.

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
15G0848-01	MW-20-4	Water	07/23/2015	07/24/2015
15G0848-02	MW2-S	Water	07/23/2015	07/24/2015
15G0848-03	MW2-D	Water	07/23/2015	07/24/2015
15G0848-04	MW-20-8	Water	07/23/2015	07/24/2015
15G0848-05	MW-20-7	Water	07/23/2015	07/24/2015
15G0848-06	DUP	Water	07/23/2015	07/24/2015
15G0848-07	Field Blank	Water	07/23/2015	07/24/2015
15G0848-08	Trip Blank	Water	07/23/2015	07/24/2015

General Notes for York Project (SDG) No.: 15G0848

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: 07/29/2015

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: **MW-20-4** | **York Sample ID:** **15G0848-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15G0848	20 West Centennial	Water	July 23, 2015 9:30 am	07/24/2015

Volatile Organics, 8260 List - Low Level | **Log-in Notes:** | **Sample Notes:**

Sample Prepared by Method: EPA 5030B

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/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 14:09	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 14:09	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 14:09	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 14:09	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 14:09	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 14:09	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 14:09	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 14:09	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 14:09	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 14:09	SS
527-53-7	**1,2,4,5-Tetramethylbenzene**	**1.1**	B	ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/28/2015 08:45	07/28/2015 14:09	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 14:09	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 14:09	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 14:09	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 14:09	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 14:09	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 14:09	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 14:09	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 14:09	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 14:09	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 14:09	SS

Sample Information

Client Sample ID: MW-20-4 **York Sample ID:** 15G0848-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15G0848	20 West Centennial	Water	July 23, 2015 9:30 am	07/24/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:09	SS
								Certifications:	NELAC-NY10854,NJDEP		
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:09	SS
								Certifications:	NELAC-NY10854,NJDEP		
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:09	SS
								Certifications:	NELAC-NY10854,NJDEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: MW-20-4 **York Sample ID:** 15G0848-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15G0848	20 West Centennial	Water	July 23, 2015 9:30 am	07/24/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 14:09	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 14:09	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 14:09	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 14:09	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 14:09	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 14:09	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 14:09	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 14:09	SS
91-20-3	**Naphthalene**	**1.3**	J	ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 14:09	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 14:09	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 14:09	SS
95-47-6	**o-Xylene**	**0.51**		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/28/2015 08:45	07/28/2015 14:09	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	07/28/2015 08:45	07/28/2015 14:09	SS
105-05-5	p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/28/2015 08:45	07/28/2015 14:09	SS
622-96-8	p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/28/2015 08:45	07/28/2015 14:09	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 14:09	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 14:09	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 14:09	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 14:09	SS
127-18-4	**Tetrachloroethylene**	**5.0**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 14:09	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 14:09	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 14:09	SS

Sample Information

Client Sample ID: MW-20-4 **York Sample ID:** 15G0848-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15G0848	20 West Centennial	Water	July 23, 2015 9:30 am	07/24/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

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/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:09	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
1330-20-7	*** Xylenes, Total**	**0.85**	J	ug/L	0.60	1.5	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:09	SS
								Certifications:	CTDOH,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*90.3 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*96.1 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*79-122*

Sample Information

Client Sample ID: MW2-S **York Sample ID:** 15G0848-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15G0848	20 West Centennial	Water	July 23, 2015 9:45 am	07/24/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

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/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: MW2-S **York Sample ID:** 15G0848-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15G0848	20 West Centennial	Water	July 23, 2015 9:45 am	07/24/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	NELAC-NY10854,NJDEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	NELAC-NY10854,NJDEP		
527-53-7	**1,2,4,5-Tetramethylbenzene**	**0.47**	J, B	ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	NELAC-NY10854		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	NELAC-NY10854,NJDEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	NELAC-NY10854,NJDEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	NELAC-NY10854,NJDEP		
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: MW2-S **York Sample ID:** 15G0848-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15G0848	20 West Centennial	Water	July 23, 2015 9:45 am	07/24/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	NELAC-NY10854,NJDEP		
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	NELAC-NY10854,NJDEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	NELAC-NY10854,NJDEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	NELAC-NY10854,NJDEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	NELAC-NY10854,NJDEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: MW2-S **York Sample ID:** 15G0848-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15G0848	20 West Centennial	Water	July 23, 2015 9:45 am	07/24/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	NELAC-NY10854		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	NELAC-NY10854		
105-05-5	p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	NELAC-NY10854		
622-96-8	p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	NELAC-NY10854		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
127-18-4	**Tetrachloroethylene**	**10**		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	07/28/2015 08:45	07/28/2015 14:42	SS
								Certifications:	CTDOH,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*88.7 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*92.4 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*107 %*	*79-122*

Sample Information

Client Sample ID: **MW2-D** **York Sample ID:** **15G0848-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15G0848	20 West Centennial	Water	July 23, 2015 10:00 am	07/24/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

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/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 15:15	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 15:15	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 15:15	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 15:15	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 15:15	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 15:15	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 15:15	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 15:15	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 15:15	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 15:15	SS
527-53-7	**1,2,4,5-Tetramethylbenzene**	**0.32**	J, B	ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/28/2015 08:45	07/28/2015 15:15	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 15:15	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 15:15	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 15:15	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 15:15	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 15:15	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 15:15	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 15:15	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 15:15	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 15:15	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 15:15	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 15:15	SS

Sample Information

Client Sample ID: **MW2-D** **York Sample ID:** **15G0848-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15G0848	20 West Centennial	Water	July 23, 2015 10:00 am	07/24/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 15:15	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 15:15	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 15:15	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 15:15	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 15:15	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 15:15	SS
67-64-1	Acetone	ND	SCAL-E	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 15:15	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 15:15	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 15:15	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 15:15	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 15:15	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 15:15	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 15:15	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 15:15	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 15:15	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 15:15	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 15:15	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 15:15	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 15:15	SS
156-59-2	**cis-1,2-Dichloroethylene**	**0.42**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 15:15	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 15:15	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 15:15	SS

Sample Information

Client Sample ID: MW2-D

York Sample ID: 15G0848-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15G0848	20 West Centennial	Water	July 23, 2015 10:00 am	07/24/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:15	SS
								Certifications: NELAC-NY10854,NJDEP			
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:15	SS
								Certifications: NELAC-NY10854,NJDEP			
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:15	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:15	SS
								Certifications: NELAC-NY10854,NJDEP			
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:15	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:15	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:15	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:15	SS
								Certifications: NELAC-NY10854,NJDEP			
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:15	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:15	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:15	SS
								Certifications: NELAC-NY10854			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:15	SS
								Certifications: NELAC-NY10854			
105-05-5	p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:15	SS
								Certifications: NELAC-NY10854			
622-96-8	p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:15	SS
								Certifications: NELAC-NY10854			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:15	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:15	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:15	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:15	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
127-18-4	**Tetrachloroethylene**	**1.2**		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:15	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:15	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:15	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:15	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			

Sample Information

Client Sample ID: MW2-D **York Sample ID:** 15G0848-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15G0848	20 West Centennial	Water	July 23, 2015 10:00 am	07/24/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:15	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:15	SS
								Certifications:	CTDOH,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*88.8 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*95.8 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*79-122*

Sample Information

Client Sample ID: MW-20-8 **York Sample ID:** 15G0848-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15G0848	20 West Centennial	Water	July 23, 2015 10:15 am	07/24/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

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/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:48	SS
								Certifications:	NELAC-NY10854,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:48	SS
								Certifications:	NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: MW-20-8 **York Sample ID:** 15G0848-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15G0848	20 West Centennial	Water	July 23, 2015 10:15 am	07/24/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 NELAC-NY10854,NJDEP	07/28/2015 15:48	SS
527-53-7	**1,2,4,5-Tetramethylbenzene**	**0.22**	J, B	ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 NELAC-NY10854	07/28/2015 15:48	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 NELAC-NY10854,NJDEP	07/28/2015 15:48	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 CTDOH,NELAC-NY10854,NJDEP	07/28/2015 15:48	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 CTDOH,NELAC-NY10854,NJDEP	07/28/2015 15:48	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 CTDOH,NELAC-NY10854,NJDEP	07/28/2015 15:48	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 CTDOH,NELAC-NY10854,NJDEP	07/28/2015 15:48	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 CTDOH,NELAC-NY10854,NJDEP	07/28/2015 15:48	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 CTDOH,NELAC-NY10854,NJDEP	07/28/2015 15:48	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 CTDOH,NELAC-NY10854,NJDEP	07/28/2015 15:48	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 CTDOH,NELAC-NY10854,NJDEP	07/28/2015 15:48	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 NELAC-NY10854,NJDEP	07/28/2015 15:48	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 CTDOH,NELAC-NY10854,NJDEP	07/28/2015 15:48	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 NELAC-NY10854,NJDEP	07/28/2015 15:48	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 CTDOH,NELAC-NY10854,NJDEP	07/28/2015 15:48	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 CTDOH,NELAC-NY10854,NJDEP	07/28/2015 15:48	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 CTDOH,NELAC-NY10854,NJDEP	07/28/2015 15:48	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 CTDOH,NELAC-NY10854,NJDEP	07/28/2015 15:48	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 CTDOH,NELAC-NY10854,NJDEP	07/28/2015 15:48	SS
67-64-1	Acetone	ND	SCAL-E	ug/L	1.0	2.0	1	EPA 8260C Certifications:	07/28/2015 08:45 CTDOH,NELAC-NY10854,NJDEP	07/28/2015 15:48	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 CTDOH,NELAC-NY10854,NJDEP	07/28/2015 15:48	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 NELAC-NY10854,NJDEP	07/28/2015 15:48	SS

Sample Information

Client Sample ID: MW-20-8 **York Sample ID:** 15G0848-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15G0848	20 West Centennial	Water	July 23, 2015 10:15 am	07/24/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:48	SS
								Certifications:	NELAC-NY10854,NJDEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:48	SS
								Certifications:	NELAC-NY10854,NJDEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:48	SS
								Certifications:	NELAC-NY10854,NJDEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:48	SS
								Certifications:	NELAC-NY10854,NJDEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:48	SS
								Certifications:	NELAC-NY10854,NJDEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: MW-20-8 **York Sample ID:** 15G0848-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15G0848	20 West Centennial	Water	July 23, 2015 10:15 am	07/24/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:48	SS
								Certifications:	NELAC-NY10854		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:48	SS
								Certifications:	NELAC-NY10854		
105-05-5	p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:48	SS
								Certifications:	NELAC-NY10854		
622-96-8	p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:48	SS
								Certifications:	NELAC-NY10854		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
127-18-4	**Tetrachloroethylene**	**1.3**		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	07/28/2015 08:45	07/28/2015 15:48	SS
								Certifications:	CTDOH,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*88.3 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*95.1 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*104 %*	*79-122*

Sample Information

Client Sample ID: MW-20-7 **York Sample ID:** 15G0848-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15G0848	20 West Centennial	Water	July 23, 2015 10:30 am	07/24/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

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/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 CTDOH,NELAC-NY10854,NJDEP	07/28/2015 16:21	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 CTDOH,NELAC-NY10854,NJDEP	07/28/2015 16:21	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 CTDOH,NELAC-NY10854,NJDEP	07/28/2015 16:21	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 CTDOH,NELAC-NY10854,NJDEP	07/28/2015 16:21	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 CTDOH,NELAC-NY10854,NJDEP	07/28/2015 16:21	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 CTDOH,NELAC-NY10854,NJDEP	07/28/2015 16:21	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 CTDOH,NELAC-NY10854,NJDEP	07/28/2015 16:21	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 NELAC-NY10854,NJDEP	07/28/2015 16:21	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 NELAC-NY10854,NJDEP	07/28/2015 16:21	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 NELAC-NY10854,NJDEP	07/28/2015 16:21	SS
527-53-7	1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 NELAC-NY10854	07/28/2015 16:21	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 NELAC-NY10854,NJDEP	07/28/2015 16:21	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 CTDOH,NELAC-NY10854,NJDEP	07/28/2015 16:21	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 CTDOH,NELAC-NY10854,NJDEP	07/28/2015 16:21	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 CTDOH,NELAC-NY10854,NJDEP	07/28/2015 16:21	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 CTDOH,NELAC-NY10854,NJDEP	07/28/2015 16:21	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 CTDOH,NELAC-NY10854,NJDEP	07/28/2015 16:21	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 CTDOH,NELAC-NY10854,NJDEP	07/28/2015 16:21	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 CTDOH,NELAC-NY10854,NJDEP	07/28/2015 16:21	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 CTDOH,NELAC-NY10854,NJDEP	07/28/2015 16:21	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 NELAC-NY10854,NJDEP	07/28/2015 16:21	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 CTDOH,NELAC-NY10854,NJDEP	07/28/2015 16:21	SS

Sample Information

Client Sample ID: MW-20-7 **York Sample ID:** 15G0848-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15G0848	20 West Centennial	Water	July 23, 2015 10:30 am	07/24/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 16:21	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 16:21	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 16:21	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 16:21	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 16:21	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 16:21	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 16:21	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 16:21	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 16:21	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 16:21	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 16:21	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 16:21	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 16:21	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 16:21	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 16:21	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 16:21	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 16:21	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 16:21	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 16:21	SS
156-59-2	**cis-1,2-Dichloroethylene**	**0.97**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 16:21	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 16:21	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 16:21	SS

Sample Information

Client Sample ID: MW-20-7 **York Sample ID:** 15G0848-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15G0848	20 West Centennial	Water	July 23, 2015 10:30 am	07/24/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:21	SS
								Certifications: NELAC-NY10854,NJDEP			
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:21	SS
								Certifications: NELAC-NY10854,NJDEP			
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:21	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:21	SS
								Certifications: NELAC-NY10854,NJDEP			
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:21	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:21	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:21	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:21	SS
								Certifications: NELAC-NY10854,NJDEP			
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:21	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:21	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:21	SS
								Certifications: NELAC-NY10854			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:21	SS
								Certifications: NELAC-NY10854			
105-05-5	p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:21	SS
								Certifications: NELAC-NY10854			
622-96-8	p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:21	SS
								Certifications: NELAC-NY10854			
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:21	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:21	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:21	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:21	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
127-18-4	**Tetrachloroethylene**	**5.5**		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:21	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:21	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:21	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:21	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			

Sample Information

Client Sample ID: MW-20-7 **York Sample ID:** 15G0848-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15G0848	20 West Centennial	Water	July 23, 2015 10:30 am	07/24/2015

Volatile Organics, 8260 List - Low Level **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	**Trichloroethylene**	**0.61**		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:21	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:21	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:21	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:21	SS
								Certifications:	CTDOH,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*89.2 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*93.6 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.7 %*	*79-122*

Sample Information

Client Sample ID: DUP **York Sample ID:** 15G0848-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15G0848	20 West Centennial	Water	July 23, 2015 12:00 am	07/24/2015

Volatile Organics, 8260 List - Low Level **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

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/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:54	SS
								Certifications:	NELAC-NY10854,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:54	SS
								Certifications:	NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: DUP **York Sample ID:** 15G0848-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15G0848	20 West Centennial	Water	July 23, 2015 12:00 am	07/24/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 16:54	SS
527-53-7	1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	07/28/2015 08:45	07/28/2015 16:54	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 16:54	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 16:54	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 16:54	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 16:54	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 16:54	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 16:54	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 16:54	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 16:54	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 16:54	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 16:54	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 16:54	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 16:54	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 16:54	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 16:54	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 16:54	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 16:54	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 16:54	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 16:54	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 16:54	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 16:54	SS

Sample Information

Client Sample ID: DUP **York Sample ID:** 15G0848-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15G0848	20 West Centennial	Water	July 23, 2015 12:00 am	07/24/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:54	SS
								Certifications:	NELAC-NY10854,NJDEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:54	SS
								Certifications:	NELAC-NY10854,NJDEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:54	SS
								Certifications:	NELAC-NY10854,NJDEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:54	SS
								Certifications:	NELAC-NY10854,NJDEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:54	SS
								Certifications:	NELAC-NY10854,NJDEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: DUP **York Sample ID:** 15G0848-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15G0848	20 West Centennial	Water	July 23, 2015 12:00 am	07/24/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:54	SS
								Certifications:	NELAC-NY10854		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:54	SS
								Certifications:	NELAC-NY10854		
105-05-5	p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:54	SS
								Certifications:	NELAC-NY10854		
622-96-8	p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:54	SS
								Certifications:	NELAC-NY10854		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
127-18-4	**Tetrachloroethylene**	**0.63**		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:54	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	07/28/2015 08:45	07/28/2015 16:54	SS
								Certifications:	CTDOH,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*88.9 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*96.3 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*104 %*	*79-122*

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **15G0848-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15G0848	20 West Centennial	Water	July 23, 2015 12:00 am	07/24/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

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/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 17:27	SS
								Certifications:	NELAC-NY10854,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 17:27	SS
								Certifications:	NELAC-NY10854,NJDEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 17:27	SS
								Certifications:	NELAC-NY10854,NJDEP		
527-53-7	1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 17:27	SS
								Certifications:	NELAC-NY10854		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 17:27	SS
								Certifications:	NELAC-NY10854,NJDEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 17:27	SS
								Certifications:	NELAC-NY10854,NJDEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **15G0848-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15G0848	20 West Centennial	Water	July 23, 2015 12:00 am	07/24/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 17:27	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 17:27	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 17:27	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 17:27	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 17:27	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 17:27	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 17:27	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 17:27	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 17:27	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 17:27	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 17:27	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 17:27	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 17:27	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 17:27	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 17:27	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 17:27	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 17:27	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 17:27	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 17:27	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 17:27	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 17:27	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2015 08:45	07/28/2015 17:27	SS

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **15G0848-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15G0848	20 West Centennial	Water	July 23, 2015 12:00 am	07/24/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 17:27	SS
								Certifications:	NELAC-NY10854,NJDEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 17:27	SS
								Certifications:	NELAC-NY10854,NJDEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 17:27	SS
								Certifications:	NELAC-NY10854,NJDEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	07/28/2015 08:45	07/28/2015 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	07/28/2015 08:45	07/28/2015 17:27	SS
								Certifications:	NELAC-NY10854,NJDEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 17:27	SS
								Certifications:	NELAC-NY10854		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	07/28/2015 08:45	07/28/2015 17:27	SS
								Certifications:	NELAC-NY10854		
105-05-5	p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 17:27	SS
								Certifications:	NELAC-NY10854		
622-96-8	p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 17:27	SS
								Certifications:	NELAC-NY10854		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: Field Blank **York Sample ID:** 15G0848-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15G0848	20 West Centennial	Water	July 23, 2015 12:00 am	07/24/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 17:27	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	07/28/2015 08:45	07/28/2015 17:27	SS
								Certifications:	CTDOH,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*89.5 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*91.3 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*104 %*	*79-122*

Sample Information

Client Sample ID: Trip Blank **York Sample ID:** 15G0848-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15G0848	20 West Centennial	Water	July 23, 2015 12:00 am	07/24/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

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/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 18:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 18:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 18:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 18:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 18:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 18:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 18:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 18:00	SS
								Certifications:	NELAC-NY10854,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 18:00	SS
								Certifications:	NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **15G0848-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15G0848	20 West Centennial	Water	July 23, 2015 12:00 am	07/24/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 NELAC-NY10854,NJDEP	07/28/2015 18:00	SS
527-53-7	1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 NELAC-NY10854	07/28/2015 18:00	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 NELAC-NY10854,NJDEP	07/28/2015 18:00	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 CTDOH,NELAC-NY10854,NJDEP	07/28/2015 18:00	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 CTDOH,NELAC-NY10854,NJDEP	07/28/2015 18:00	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 CTDOH,NELAC-NY10854,NJDEP	07/28/2015 18:00	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 CTDOH,NELAC-NY10854,NJDEP	07/28/2015 18:00	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 CTDOH,NELAC-NY10854,NJDEP	07/28/2015 18:00	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 CTDOH,NELAC-NY10854,NJDEP	07/28/2015 18:00	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 CTDOH,NELAC-NY10854,NJDEP	07/28/2015 18:00	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 CTDOH,NELAC-NY10854,NJDEP	07/28/2015 18:00	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 NELAC-NY10854,NJDEP	07/28/2015 18:00	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 CTDOH,NELAC-NY10854,NJDEP	07/28/2015 18:00	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 NELAC-NY10854,NJDEP	07/28/2015 18:00	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 CTDOH,NELAC-NY10854,NJDEP	07/28/2015 18:00	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 CTDOH,NELAC-NY10854,NJDEP	07/28/2015 18:00	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 CTDOH,NELAC-NY10854,NJDEP	07/28/2015 18:00	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 CTDOH,NELAC-NY10854,NJDEP	07/28/2015 18:00	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 CTDOH,NELAC-NY10854,NJDEP	07/28/2015 18:00	SS
67-64-1	Acetone	ND	SCAL-E	ug/L	1.0	2.0	1	EPA 8260C Certifications:	07/28/2015 08:45 CTDOH,NELAC-NY10854,NJDEP	07/28/2015 18:00	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 CTDOH,NELAC-NY10854,NJDEP	07/28/2015 18:00	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/28/2015 08:45 NELAC-NY10854,NJDEP	07/28/2015 18:00	SS

Sample Information

Client Sample ID: Trip Blank **York Sample ID:** 15G0848-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15G0848	20 West Centennial	Water	July 23, 2015 12:00 am	07/24/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 18:00	SS
								Certifications:	NELAC-NY10854,NJDEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 18:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 18:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 18:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 18:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 18:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 18:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 18:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 18:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 18:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 18:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 18:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 18:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 18:00	SS
								Certifications:	NELAC-NY10854,NJDEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 18:00	SS
								Certifications:	NELAC-NY10854,NJDEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 18:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 18:00	SS
								Certifications:	NELAC-NY10854,NJDEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 18:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 18:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	07/28/2015 08:45	07/28/2015 18:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	07/28/2015 08:45	07/28/2015 18:00	SS
								Certifications:	NELAC-NY10854,NJDEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 18:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **15G0848-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15G0848	20 West Centennial	Water	July 23, 2015 12:00 am	07/24/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 18:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 18:00	SS
								Certifications:	NELAC-NY10854		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C	07/28/2015 08:45	07/28/2015 18:00	SS
								Certifications:	NELAC-NY10854		
105-05-5	p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 18:00	SS
								Certifications:	NELAC-NY10854		
622-96-8	p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 18:00	SS
								Certifications:	NELAC-NY10854		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 18:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 18:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 18:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 18:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 18:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 18:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 18:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 18:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 18:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 18:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	07/28/2015 08:45	07/28/2015 18:00	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C	07/28/2015 08:45	07/28/2015 18:00	SS
								Certifications:	CTDOH,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*85.5 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*92.8 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*105 %*	*79-122*

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
15G0848-01	MW-20-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G0848-02	MW2-S	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G0848-03	MW2-D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G0848-04	MW-20-8	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G0848-05	MW-20-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G0848-06	DUP	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G0848-07	Field Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15G0848-08	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
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.

---

*	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
120 Research Dr.
Stratford, CT 06615
(203) 325-1371
Fax (203) 357-0166

Field Chain-of-Custody Record

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

York Project No. 15G0848

YOUR Information

Company: Laurel Env
Address: 53 West Hills Rd Huntington Station NY
Phone No. 631 673 0612
Contact Person: Scott Yanuck
E-Mail Address: labresults@laurelenv.com

Report To:

Company: / Address: / Phone No. / Attention: / E-Mail Address: SAME

Invoice To:

Company: / Address: SAME
Phone No.
Attention: Kathy L.
E-Mail Address:

YOUR Project ID

20 West Centennial

Purchase Order No.

Samples from: CT__ NY X NJ__

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☒

Report Type

Summary Report ____
Summary w/ QA Summary ____
CT RCP Package ____
CTRCP DQA/DUE Pkg ____
NY ASP A Package ____
NY ASP B Package ____
NJDEP Red. Deliv. ____

Electronic Data Deliverables (EDD)

Simple Excel ____
NYSDEC EQuIS ____
EQuIS (std) ____
EZ-EDD (EQuIS) ____
NJDEP SRP HazSite EDD ____
GIS/KEY (std) ____
Other ____
York Regulatory Comparison Excel Spreadsheet
Compare to the following Regs. (please fill in):

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

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

Name (printed): Nicole D. Clarity

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

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

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
MW-20-4	7/23/15 9:30	GW	EPA 8260	3 VOAs with HCL
MW2-S	9:45	↓	↓	↓
MW2-D	10:00	↓	↓	↓
MW-20-8	10:15	↓	↓	↓
MW-20-7	10:30	↓	↓	↓
DUP	↓	↓	↓	↓
Field Blank	↓	↓	↓	↓
Trip Blank	↓	↓	↓	↓

Comments

Preservation — Check those Applicable: 4°C X Frozen ___ HCl X MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
[signature]	7/23 1600	K Bolu	7-24-15 1055 AM
K Bolu 7-24-15		K Ny 7-24-15 (Samples Received in LAB by)	1636

Temperature on Receipt: 3.4 °C

Technical Report

prepared for:

Laurel Environmental
53 W Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Report Date: 09/29/2015
Client Project ID: 20 West Centennial Ave
York Project (SDG) No.: 15I0743

Report Date: 09/29/2015
Client Project ID: 20 West Centennial Ave
York Project (SDG) No.: 15I0743

Laurel Environmental
53 W Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on September 22, 2015 and listed below. The project was identified as your project: **20 West Centennial Ave**.

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
15I0743-01	MW-1S	Water	09/21/2015	09/22/2015
15I0743-02	MW-1D	Water	09/21/2015	09/22/2015

General Notes for York Project (SDG) No.: 15I0743

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: 09/29/2015

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: MW-1S

York Sample ID: 15I0743-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15I0743	20 West Centennial Ave	Water	September 21, 2015 3:00 pm	09/22/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

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/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 22:40	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 22:40	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 22:40	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 22:40	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 22:40	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 22:40	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 22:40	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 NELAC-NY10854,NJDEP	09/26/2015 22:40	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 NELAC-NY10854,NJDEP	09/26/2015 22:40	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 NELAC-NY10854,NJDEP	09/26/2015 22:40	SS
527-53-7	1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 NELAC-NY10854	09/26/2015 22:40	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 NELAC-NY10854,NJDEP	09/26/2015 22:40	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 22:40	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 22:40	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 22:40	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 22:40	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 22:40	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 22:40	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 22:40	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 22:40	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 NELAC-NY10854,NJDEP	09/26/2015 22:40	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 22:40	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 NELAC-NY10854,NJDEP	09/26/2015 22:40	SS

Sample Information

Client Sample ID: MW-1S

York Sample ID: 15I0743-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15I0743	20 West Centennial Ave	Water	September 21, 2015 3:00 pm	09/22/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/26/2015 09:24	09/26/2015 22:40	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/26/2015 09:24	09/26/2015 22:40	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/26/2015 09:24	09/26/2015 22:40	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/26/2015 09:24	09/26/2015 22:40	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/26/2015 09:24	09/26/2015 22:40	SS
67-64-1	**Acetone**	**1.4**	CCV-E, SCAL-E, J, B	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/26/2015 09:24	09/26/2015 22:40	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/26/2015 09:24	09/26/2015 22:40	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/26/2015 09:24	09/26/2015 22:40	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/26/2015 09:24	09/26/2015 22:40	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/26/2015 09:24	09/26/2015 22:40	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/26/2015 09:24	09/26/2015 22:40	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/26/2015 09:24	09/26/2015 22:40	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/26/2015 09:24	09/26/2015 22:40	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/26/2015 09:24	09/26/2015 22:40	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/26/2015 09:24	09/26/2015 22:40	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/26/2015 09:24	09/26/2015 22:40	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/26/2015 09:24	09/26/2015 22:40	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/26/2015 09:24	09/26/2015 22:40	SS
156-59-2	**cis-1,2-Dichloroethylene**	**3.1**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/26/2015 09:24	09/26/2015 22:40	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/26/2015 09:24	09/26/2015 22:40	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/26/2015 09:24	09/26/2015 22:40	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/26/2015 09:24	09/26/2015 22:40	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/26/2015 09:24	09/26/2015 22:40	SS

Sample Information

Client Sample ID: MW-1S

York Sample ID: 15I0743-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15I0743	20 West Centennial Ave	Water	September 21, 2015 3:00 pm	09/22/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 22:40	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 NELAC-NY10854,NJDEP	09/26/2015 22:40	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 22:40	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 22:40	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 22:40	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/26/2015 09:24 NELAC-NY10854,NJDEP	09/26/2015 22:40	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 22:40	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 22:40	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 NELAC-NY10854	09/26/2015 22:40	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	09/26/2015 09:24 NELAC-NY10854	09/26/2015 22:40	SS
105-05-5	p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 NELAC-NY10854	09/26/2015 22:40	SS
622-96-8	p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 NELAC-NY10854	09/26/2015 22:40	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 22:40	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 22:40	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 22:40	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 22:40	SS
127-18-4	**Tetrachloroethylene**	**1.7**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 22:40	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 22:40	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 22:40	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 22:40	SS
79-01-6	**Trichloroethylene**	**0.39**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 22:40	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 22:40	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 22:40	SS

Sample Information

Client Sample ID: MW-1S **York Sample ID:** 15I0743-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15I0743	20 West Centennial Ave	Water	September 21, 2015 3:00 pm	09/22/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/26/2015 09:24	09/26/2015 22:40	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*108 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*98.4 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.1 %*	*79-122*

Sample Information

Client Sample ID: MW-1D **York Sample ID:** 15I0743-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15I0743	20 West Centennial Ave	Water	September 21, 2015 3:00 pm	09/22/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

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/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/26/2015 09:24	09/26/2015 23:14	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/26/2015 09:24	09/26/2015 23:14	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/26/2015 09:24	09/26/2015 23:14	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/26/2015 09:24	09/26/2015 23:14	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/26/2015 09:24	09/26/2015 23:14	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/26/2015 09:24	09/26/2015 23:14	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/26/2015 09:24	09/26/2015 23:14	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/26/2015 09:24	09/26/2015 23:14	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/26/2015 09:24	09/26/2015 23:14	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/26/2015 09:24	09/26/2015 23:14	SS
527-53-7	1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	09/26/2015 09:24	09/26/2015 23:14	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	09/26/2015 09:24	09/26/2015 23:14	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/26/2015 09:24	09/26/2015 23:14	SS

Sample Information

Client Sample ID: MW-1D

York Sample ID: 15I0743-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15I0743	20 West Centennial Ave	Water	September 21, 2015 3:00 pm	09/22/2015

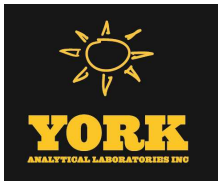
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 23:14	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 23:14	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 23:14	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 23:14	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 23:14	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 23:14	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 23:14	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 NELAC-NY10854,NJDEP	09/26/2015 23:14	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 23:14	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 NELAC-NY10854,NJDEP	09/26/2015 23:14	SS
78-93-3	2-Butanone	ND		ug/L	0.80	2.0	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 23:14	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 23:14	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 23:14	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 23:14	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 23:14	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 23:14	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 23:14	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 NELAC-NY10854,NJDEP	09/26/2015 23:14	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 NELAC-NY10854,NJDEP	09/26/2015 23:14	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 23:14	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 23:14	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 23:14	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 23:14	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 23:14	SS



Sample Information

Client Sample ID: **MW-1D** **York Sample ID:** **15I0743-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15I0743	20 West Centennial Ave	Water	September 21, 2015 3:00 pm	09/22/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 23:14	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 23:14	SS
67-66-3	**Chloroform**	**0.23**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 23:14	SS
74-87-3	**Chloromethane**	**0.43**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 23:14	SS
156-59-2	**cis-1,2-Dichloroethylene**	**0.40**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 23:14	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 23:14	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 23:14	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 NELAC-NY10854,NJDEP	09/26/2015 23:14	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 NELAC-NY10854,NJDEP	09/26/2015 23:14	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 23:14	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 NELAC-NY10854,NJDEP	09/26/2015 23:14	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 23:14	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 23:14	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 23:14	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	09/26/2015 09:24 NELAC-NY10854,NJDEP	09/26/2015 23:14	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 23:14	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 23:14	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 NELAC-NY10854	09/26/2015 23:14	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	09/26/2015 09:24 NELAC-NY10854	09/26/2015 23:14	SS
105-05-5	p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 NELAC-NY10854	09/26/2015 23:14	SS
622-96-8	p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 NELAC-NY10854	09/26/2015 23:14	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 23:14	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	09/26/2015 09:24 CTDOH,NELAC-NY10854,NJDEP	09/26/2015 23:14	SS

Sample Information

Client Sample ID: MW-1D **York Sample ID:** 15I0743-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
15I0743	20 West Centennial Ave	Water	September 21, 2015 3:00 pm	09/22/2015

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/26/2015 09:24	09/26/2015 23:14	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/26/2015 09:24	09/26/2015 23:14	SS
127-18-4	**Tetrachloroethylene**	**120**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/26/2015 09:24	09/26/2015 23:14	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/26/2015 09:24	09/26/2015 23:14	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/26/2015 09:24	09/26/2015 23:14	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/26/2015 09:24	09/26/2015 23:14	SS
79-01-6	**Trichloroethylene**	**0.74**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/26/2015 09:24	09/26/2015 23:14	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/26/2015 09:24	09/26/2015 23:14	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	09/26/2015 09:24	09/26/2015 23:14	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	09/26/2015 09:24	09/26/2015 23:14	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*107 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*92.1 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*95.1 %*	*79-122*

Analytical Batch Summary

Batch ID: BI51302 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
15I0743-01	MW-1S	09/26/15
15I0743-02	MW-1D	09/26/15
BI51302-BLK1	Blank	09/26/15
BI51302-BS1	LCS	09/26/15
BI51302-BSD1	LCS Dup	09/26/15

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 BI51302 - EPA 5030B											
Blank (BI51302-BLK1)											Prepared & Analyzed: 09/26/2015
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4,5-Tetramethylbenzene	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Butanone	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	1.7	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	0.45	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	2.0	"								

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 BI51302 - EPA 5030B											
Blank (BI51302-BLK1)								Prepared & Analyzed: 09/26/2015			
Naphthalene	ND	2.0	ug/L								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Diethylbenzene	ND	0.50	"								
p-Ethyltoluene	ND	0.50	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*10.6*		*"*	*10.0*		*106*	*69-130*				
Surrogate: Toluene-d8	*9.73*		*"*	*10.0*		*97.3*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.64*		*"*	*10.0*		*96.4*	*79-122*				
LCS (BI51302-BS1)								Prepared & Analyzed: 09/26/2015			
1,1,1,2-Tetrachloroethane	10.8		ug/L	10.0		108	82-126				
1,1,1-Trichloroethane	10.5		"	10.0		105	78-136				
1,1,2,2-Tetrachloroethane	10.8		"	10.0		108	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.8		"	10.0		108	54-165				
1,1,2-Trichloroethane	10.8		"	10.0		108	82-123				
1,1-Dichloroethane	11.3		"	10.0		113	82-129				
1,1-Dichloroethylene	10.2		"	10.0		102	68-138				
1,1-Dichloropropylene	10.6		"	10.0		106	83-133				
1,2,3-Trichlorobenzene	10.1		"	10.0		101	76-136				
1,2,3-Trichloropropane	10.4		"	10.0		104	77-128				
1,2,4,5-Tetramethylbenzene	10.3		"	10.0		103	85-140				
1,2,4-Trichlorobenzene	10.0		"	10.0		100	76-137				
1,2,4-Trimethylbenzene	10.7		"	10.0		107	82-132				
1,2-Dibromo-3-chloropropane	9.82		"	10.0		98.2	45-147				
1,2-Dibromoethane	10.7		"	10.0		107	83-124				
1,2-Dichlorobenzene	10.5		"	10.0		105	79-123				
1,2-Dichloroethane	10.4		"	10.0		104	73-132				
1,2-Dichloropropane	10.7		"	10.0		107	78-126				
1,3,5-Trimethylbenzene	10.5		"	10.0		105	80-131				
1,3-Dichlorobenzene	10.6		"	10.0		106	86-122				
1,3-Dichloropropane	10.5		"	10.0		105	81-125				
1,4-Dichlorobenzene	10.4		"	10.0		104	85-124				
2,2-Dichloropropane	10.1		"	10.0		101	56-150				
2-Butanone	10.8		"	10.0		108	49-152				
2-Chlorotoluene	10.6		"	10.0		106	79-130				
2-Hexanone	10.5		"	10.0		105	51-146				
4-Chlorotoluene	10.5		"	10.0		105	79-128				
4-Methyl-2-pentanone	5.61		"	10.0		56.1	57-145	Low Bias			

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 BI51302 - EPA 5030B											
LCS (BI51302-BS1)							Prepared & Analyzed: 09/26/2015				
Acetone	8.52		ug/L	10.0		85.2	14-150				
Benzene	11.0		"	10.0		110	85-126				
Bromobenzene	10.3		"	10.0		103	78-129				
Bromochloromethane	10.7		"	10.0		107	77-128				
Bromodichloromethane	10.7		"	10.0		107	79-128				
Bromoform	10.8		"	10.0		108	78-133				
Bromomethane	5.71		"	10.0		57.1	43-168				
Carbon disulfide	10.7		"	10.0		107	68-146				
Carbon tetrachloride	10.6		"	10.0		106	77-141				
Chlorobenzene	10.7		"	10.0		107	88-120				
Chloroethane	10.6		"	10.0		106	65-136				
Chloroform	11.0		"	10.0		110	82-128				
Chloromethane	9.11		"	10.0		91.1	43-155				
cis-1,2-Dichloroethylene	10.7		"	10.0		107	83-129				
cis-1,3-Dichloropropylene	9.84		"	10.0		98.4	80-131				
Dibromochloromethane	10.8		"	10.0		108	80-130				
Dibromomethane	11.0		"	10.0		110	72-134				
Dichlorodifluoromethane	9.97		"	10.0		99.7	44-144				
Ethyl Benzene	10.9		"	10.0		109	80-131				
Hexachlorobutadiene	9.56		"	10.0		95.6	67-146				
Isopropylbenzene	10.4		"	10.0		104	76-140				
Methyl tert-butyl ether (MTBE)	11.0		"	10.0		110	76-135				
Methylene chloride	10.5		"	10.0		105	55-137				
Naphthalene	10.4		"	10.0		104	70-147				
n-Butylbenzene	10.4		"	10.0		104	79-132				
n-Propylbenzene	10.6		"	10.0		106	78-133				
o-Xylene	10.9		"	10.0		109	78-130				
p- & m- Xylenes	22.3		"	20.0		111	77-133				
p-Diethylbenzene	10.4		"	10.0		104	84-134				
p-Ethyltoluene	10.5		"	10.0		105	88-129				
p-Isopropyltoluene	10.6		"	10.0		106	81-136				
sec-Butylbenzene	10.4		"	10.0		104	79-137				
Styrene	11.9		"	10.0		119	67-132				
tert-Butylbenzene	10.3		"	10.0		103	77-138				
Tetrachloroethylene	10.3		"	10.0		103	82-131				
Toluene	9.66		"	10.0		96.6	80-127				
trans-1,2-Dichloroethylene	10.5		"	10.0		105	80-132				
trans-1,3-Dichloropropylene	9.85		"	10.0		98.5	78-131				
Trichloroethylene	10.5		"	10.0		105	82-128				
Trichlorofluoromethane	9.21		"	10.0		92.1	67-139				
Vinyl Chloride	10.3		"	10.0		103	58-145				
Surrogate: 1,2-Dichloroethane-d4	*9.64*		*"*	*10.0*		*96.4*	*69-130*				
Surrogate: Toluene-d8	*9.42*		*"*	*10.0*		*94.2*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.67*		*"*	*10.0*		*96.7*	*79-122*				

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 BI51302 - EPA 5030B											
LCS Dup (BI51302-BSD1)								Prepared & Analyzed: 09/26/2015			
1,1,1,2-Tetrachloroethane	10.8		ug/L	10.0		108	82-126		0.278	30	
1,1,1-Trichloroethane	11.0		"	10.0		110	78-136		4.67	30	
1,1,2,2-Tetrachloroethane	10.8		"	10.0		108	76-129		0.556	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.2		"	10.0		112	54-165		3.35	30	
1,1,2-Trichloroethane	10.9		"	10.0		109	82-123		0.554	30	
1,1-Dichloroethane	11.6		"	10.0		116	82-129		2.89	30	
1,1-Dichloroethylene	10.8		"	10.0		108	68-138		5.53	30	
1,1-Dichloropropylene	11.1		"	10.0		111	83-133		4.62	30	
1,2,3-Trichlorobenzene	10.2		"	10.0		102	76-136		0.885	30	
1,2,3-Trichloropropane	10.6		"	10.0		106	77-128		2.48	30	
1,2,4,5-Tetramethylbenzene	10.4		"	10.0		104	85-140		0.775	30	
1,2,4-Trichlorobenzene	10.1		"	10.0		101	76-137		0.595	30	
1,2,4-Trimethylbenzene	10.6		"	10.0		106	82-132		0.376	30	
1,2-Dibromo-3-chloropropane	9.66		"	10.0		96.6	45-147		1.64	30	
1,2-Dibromoethane	10.7		"	10.0		107	83-124		0.187	30	
1,2-Dichlorobenzene	10.4		"	10.0		104	79-123		1.05	30	
1,2-Dichloroethane	10.8		"	10.0		108	73-132		3.68	30	
1,2-Dichloropropane	10.7		"	10.0		107	78-126		0.373	30	
1,3,5-Trimethylbenzene	10.6		"	10.0		106	80-131		0.854	30	
1,3-Dichlorobenzene	10.7		"	10.0		107	86-122		0.469	30	
1,3-Dichloropropane	10.6		"	10.0		106	81-125		0.851	30	
1,4-Dichlorobenzene	10.5		"	10.0		105	85-124		0.670	30	
2,2-Dichloropropane	10.0		"	10.0		100	56-150		0.398	30	
2-Butanone	10.3		"	10.0		103	49-152		5.30	30	
2-Chlorotoluene	10.6		"	10.0		106	79-130		0.849	30	
2-Hexanone	10.7		"	10.0		107	51-146		1.32	30	
4-Chlorotoluene	10.5		"	10.0		105	79-128		0.571	30	
4-Methyl-2-pentanone	5.55		"	10.0		55.5	57-145	Low Bias	1.08	30	
Acetone	8.87		"	10.0		88.7	14-150		4.03	30	
Benzene	11.2		"	10.0		112	85-126		2.61	30	
Bromobenzene	10.4		"	10.0		104	78-129		0.772	30	
Bromochloromethane	10.9		"	10.0		109	77-128		2.03	30	
Bromodichloromethane	10.8		"	10.0		108	79-128		0.559	30	
Bromoform	10.7		"	10.0		107	78-133		0.465	30	
Bromomethane	6.47		"	10.0		64.7	43-168		12.5	30	
Carbon disulfide	11.1		"	10.0		111	68-146		3.12	30	
Carbon tetrachloride	11.0		"	10.0		110	77-141		3.90	30	
Chlorobenzene	10.7		"	10.0		107	88-120		0.00	30	
Chloroethane	11.2		"	10.0		112	65-136		5.03	30	
Chloroform	11.2		"	10.0		112	82-128		2.16	30	
Chloromethane	9.35		"	10.0		93.5	43-155		2.60	30	
cis-1,2-Dichloroethylene	10.9		"	10.0		109	83-129		1.85	30	
cis-1,3-Dichloropropylene	9.87		"	10.0		98.7	80-131		0.304	30	
Dibromochloromethane	10.8		"	10.0		108	80-130		0.556	30	
Dibromomethane	10.9		"	10.0		109	72-134		0.731	30	
Dichlorodifluoromethane	10.3		"	10.0		103	44-144		3.35	30	
Ethyl Benzene	10.9		"	10.0		109	80-131		0.184	30	
Hexachlorobutadiene	9.69		"	10.0		96.9	67-146		1.35	30	
Isopropylbenzene	10.6		"	10.0		106	76-140		2.00	30	
Methyl tert-butyl ether (MTBE)	11.3		"	10.0		113	76-135		2.24	30	
Methylene chloride	10.8		"	10.0		108	55-137		2.63	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 BI51302 - EPA 5030B											
LCS Dup (BI51302-BSD1)								Prepared & Analyzed: 09/26/2015			
Naphthalene	10.5		ug/L	10.0		105	70-147		0.671	30	
n-Butylbenzene	10.6		"	10.0		106	79-132		1.90	30	
n-Propylbenzene	10.8		"	10.0		108	78-133		2.43	30	
o-Xylene	10.8		"	10.0		108	78-130		0.0921	30	
p- & m- Xylenes	22.4		"	20.0		112	77-133		0.671	30	
p-Diethylbenzene	10.5		"	10.0		105	84-134		0.669	30	
p-Ethyltoluene	10.6		"	10.0		106	88-129		0.854	30	
p-Isopropyltoluene	10.8		"	10.0		108	81-136		1.68	30	
sec-Butylbenzene	10.6		"	10.0		106	79-137		2.00	30	
Styrene	11.9		"	10.0		119	67-132		0.336	30	
tert-Butylbenzene	10.6		"	10.0		106	77-138		2.30	30	
Tetrachloroethylene	10.5		"	10.0		105	82-131		1.83	30	
Toluene	9.65		"	10.0		96.5	80-127		0.104	30	
trans-1,2-Dichloroethylene	11.0		"	10.0		110	80-132		4.65	30	
trans-1,3-Dichloropropylene	9.76		"	10.0		97.6	78-131		0.918	30	
Trichloroethylene	10.6		"	10.0		106	82-128		1.61	30	
Trichlorofluoromethane	10.0		"	10.0		100	67-139		8.72	30	
Vinyl Chloride	10.6		"	10.0		106	58-145		2.58	30	
Surrogate: 1,2-Dichloroethane-d4	*9.98*		*"*	*10.0*		*99.8*	*69-130*				
Surrogate: Toluene-d8	*9.28*		*"*	*10.0*		*92.8*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.76*		*"*	*10.0*		*97.6*	*79-122*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
15I0743-01	MW-1S	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
15I0743-02	MW-1D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

---

*	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.

York Project No. 810743

YOUR Information

Company: Laurel Environmental
Address: 53 West Hills Rd Huntington Station
Phone No. (631) 673-0612
Contact Person: Brian McCabe
E-Mail Address:

Report To:

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

Invoice To:

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

YOUR Project ID

20 West Centennial Ave.

Purchase Order No.

12-260

Samples from: CT ___ NY X NJ ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) X

Report Type

- Summary Report X
- Summary w/ QA Summary ___
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package X
- NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD)

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

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

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

Steve Bitetto
Samples Collected/Authorized By (Signature)

Steve Bitetto
Name (printed)

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

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
~~MW-1S~~ MW-1S	~~12:45~~ 9/21/15	GW	EPA 8260	3 X 40 ml VOA
MW-1D	9/21/15	GW	EPA 8260	3X 40 ml VOA

Comments

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

4°C ___ Frozen ___ HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other ___

Laurel Forbye 9-22-15 1025 AM
Samples Relinquished By Date/Time

K Barker 9-22-15
Samples Relinquished By Date/Time

K Barker 9-22-15 1025 AM
Samples Received By Date/Time

9/22/15 1711
Samples Received in LAB by Date/Time

Temperature on Receipt 9.0 °C

Technical Report

prepared for:

Laurel Environmental
53 W Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Report Date: 10/24/2014
Client Project ID: 20 W. Centennial Avenue Roosevelt
York Project (SDG) No.: 14J0771

Report Date: 10/24/2014
Client Project ID: 20 W. Centennial Avenue Roosevelt
York Project (SDG) No.: 14J0771

Laurel Environmental
53 W Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on October 17, 2014 and listed below. The project was identified as your project: **20 W. Centennial Avenue Roosevelt**.

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
14J0771-01	Ex 1-Northwest-3'	Soil	10/15/2014	10/17/2014
14J0771-02	Ex 1-East Bottom-3'	Soil	10/15/2014	10/17/2014
14J0771-03	Ex 1-South Center-3'	Soil	10/15/2014	10/17/2014
14J0771-04	Ex 1-North Center-3'	Soil	10/15/2014	10/17/2014
14J0771-05	Ex 1-Southwest-3'	Soil	10/15/2014	10/17/2014
14J0771-06	Ex 2-Center-5'	Soil	10/15/2014	10/17/2014
14J0771-07	Ex 1-Center-9'	Soil	10/15/2014	10/17/2014

General Notes for York Project (SDG) No.: 14J0771

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: 10/24/2014

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: Ex 1-Northwest-3' **York Sample ID:** 14J0771-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0771	20 W. Centennial Avenue Roosevelt	Soil	October 15, 2014 3:00 pm	10/17/2014

Volatile Organics, 8260 List **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	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	200	410	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
78-93-3	2-Butanone	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
67-64-1	Acetone	ND		ug/kg dry	10	20	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
71-43-2	Benzene	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
108-86-1	Bromobenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
75-25-2	Bromoform	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
74-83-9	Bromomethane	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK

Sample Information

Client Sample ID: **Ex 1-Northwest-3'** **York Sample ID:** **14J0771-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0771	20 W. Centennial Avenue Roosevelt	Soil	October 15, 2014 3:00 pm	10/17/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
75-00-3	Chloroethane	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
67-66-3	Chloroform	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
74-87-3	Chloromethane	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
74-95-3	Dibromomethane	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
75-09-2	Methylene chloride	ND		ug/kg dry	10	20	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
91-20-3	Naphthalene	ND		ug/kg dry	5.1	20	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
95-47-6	o-Xylene	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	10	20	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
100-42-5	Styrene	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
127-18-4	**Tetrachloroethylene**	**11**		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
108-88-3	Toluene	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	15	30	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	5.1	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 00:53	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*100 %*	*77-125*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.0 %*	*76-130*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*85-120*

Sample Information

Client Sample ID: **Ex 1-Northwest-3'** **York Sample ID:** **14J0771-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0771	20 W. Centennial Avenue Roosevelt	Soil	October 15, 2014 3:00 pm	10/17/2014

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**	**98.4**		%	0.100	0.100	1	SM 2540G	10/23/2014 20:16	10/24/2014 16:21	KK

Sample Information

Client Sample ID: **Ex 1-East Bottom-3'** **York Sample ID:** **14J0771-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0771	20 W. Centennial Avenue Roosevelt	Soil	October 15, 2014 3:00 pm	10/17/2014

Volatile Organics, 8260 List

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	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	210	430	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK

Sample Information

Client Sample ID: Ex 1-East Bottom-3' **York Sample ID:** 14J0771-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0771	20 W. Centennial Avenue Roosevelt	Soil	October 15, 2014 3:00 pm	10/17/2014

Volatile Organics, 8260 List

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
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
78-93-3	2-Butanone	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
67-64-1	Acetone	ND		ug/kg dry	11	21	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
71-43-2	Benzene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
108-86-1	Bromobenzene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
75-25-2	Bromoform	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
74-83-9	Bromomethane	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
75-00-3	Chloroethane	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
67-66-3	Chloroform	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
74-87-3	Chloromethane	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
74-95-3	Dibromomethane	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
75-09-2	Methylene chloride	ND		ug/kg dry	11	21	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
91-20-3	Naphthalene	ND		ug/kg dry	5.3	21	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
95-47-6	o-Xylene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	11	21	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
100-42-5	Styrene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
127-18-4	**Tetrachloroethylene**	**6.7**	J	ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK

Sample Information

Client Sample ID: Ex 1-East Bottom-3' **York Sample ID:** 14J0771-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0771	20 W. Centennial Avenue Roosevelt	Soil	October 15, 2014 3:00 pm	10/17/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	16	32	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 01:37	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.5 %*	*76-130*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*85-120*

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**	**93.9**		%	0.100	0.100	1	SM 2540G	10/23/2014 20:17	10/24/2014 16:24	KK

Sample Information

Client Sample ID: Ex 1-South Center-3' **York Sample ID:** 14J0771-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0771	20 W. Centennial Avenue Roosevelt	Soil	October 15, 2014 3:00 pm	10/17/2014

Volatile Organics, 8260 List

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	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK

Sample Information

Client Sample ID: Ex 1-South Center-3' **York Sample ID:** 14J0771-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0771	20 W. Centennial Avenue Roosevelt	Soil	October 15, 2014 3:00 pm	10/17/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	220	430	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
78-93-3	2-Butanone	ND		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
67-64-1	Acetone	ND		ug/kg dry	11	22	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
71-43-2	Benzene	ND		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
108-86-1	Bromobenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
75-25-2	Bromoform	ND		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
74-83-9	Bromomethane	ND		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
75-00-3	Chloroethane	ND		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
67-66-3	Chloroform	ND		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
74-87-3	Chloromethane	ND		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
74-95-3	Dibromomethane	ND		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK

Sample Information

Client Sample ID: **Ex 1-South Center-3'** **York Sample ID:** **14J0771-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0771	20 W. Centennial Avenue Roosevelt	Soil	October 15, 2014 3:00 pm	10/17/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
75-09-2	Methylene chloride	ND		ug/kg dry	11	22	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
91-20-3	Naphthalene	ND		ug/kg dry	5.4	22	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
95-47-6	o-Xylene	ND		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	11	22	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
100-42-5	Styrene	ND		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
127-18-4	**Tetrachloroethylene**	**12**		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
108-88-3	Toluene	ND		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	16	32	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	5.4	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 02:22	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.9 %*	*76-130*
2037-26-5	*Surrogate: Toluene-d8*	*98.3 %*	*85-120*

Sample Information

Client Sample ID: **Ex 1-South Center-3'** **York Sample ID:** **14J0771-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0771	20 W. Centennial Avenue Roosevelt	Soil	October 15, 2014 3:00 pm	10/17/2014

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	10/23/2014 20:17	10/24/2014 16:24	KK

Sample Information

Client Sample ID: **Ex 1-North Center-3'** **York Sample ID:** **14J0771-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0771	20 W. Centennial Avenue Roosevelt	Soil	October 15, 2014 3:00 pm	10/17/2014

Volatile Organics, 8260 List

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	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	210	430	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK

Sample Information

Client Sample ID: Ex 1-North Center-3' **York Sample ID:** 14J0771-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0771	20 W. Centennial Avenue Roosevelt	Soil	October 15, 2014 3:00 pm	10/17/2014

Volatile Organics, 8260 List

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
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
78-93-3	2-Butanone	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
67-64-1	Acetone	ND		ug/kg dry	11	21	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
71-43-2	Benzene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
108-86-1	Bromobenzene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
75-25-2	Bromoform	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
74-83-9	Bromomethane	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
75-00-3	Chloroethane	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
67-66-3	Chloroform	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
74-87-3	Chloromethane	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
74-95-3	Dibromomethane	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
75-09-2	Methylene chloride	ND		ug/kg dry	11	21	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
91-20-3	Naphthalene	ND		ug/kg dry	5.3	21	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
95-47-6	o-Xylene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	11	21	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
100-42-5	Styrene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
127-18-4	**Tetrachloroethylene**	**39**		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK

Sample Information

Client Sample ID: **Ex 1-North Center-3'** **York Sample ID:** **14J0771-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0771	20 W. Centennial Avenue Roosevelt	Soil	October 15, 2014 3:00 pm	10/17/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	16	32	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	5.3	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:05	BK

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

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**	**93.7**		%	0.100	0.100	1	SM 2540G	10/23/2014 20:17	10/24/2014 16:24	KK

Sample Information

Client Sample ID: **Ex 1-Southwest-3'** **York Sample ID:** **14J0771-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0771	20 W. Centennial Avenue Roosevelt	Soil	October 15, 2014 12:00 am	10/17/2014

Volatile Organics, 8260 List

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	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK

Sample Information

Client Sample ID: Ex 1-Southwest-3' **York Sample ID:** 14J0771-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0771	20 W. Centennial Avenue Roosevelt	Soil	October 15, 2014 12:00 am	10/17/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	220	450	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
78-93-3	2-Butanone	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
67-64-1	Acetone	ND		ug/kg dry	11	22	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
71-43-2	Benzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
108-86-1	Bromobenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
75-25-2	Bromoform	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
74-83-9	Bromomethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
75-00-3	Chloroethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
67-66-3	Chloroform	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
74-87-3	Chloromethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
74-95-3	Dibromomethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK

Sample Information

Client Sample ID: **Ex 1-Southwest-3'** **York Sample ID:** **14J0771-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0771	20 W. Centennial Avenue Roosevelt	Soil	October 15, 2014 12:00 am	10/17/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
75-09-2	Methylene chloride	ND		ug/kg dry	11	22	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
91-20-3	Naphthalene	ND		ug/kg dry	5.6	22	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
95-47-6	**o-Xylene**	**9.9**	J	ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
179601-23-1	**p- & m- Xylenes**	**22**	J	ug/kg dry	11	22	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
100-42-5	Styrene	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
127-18-4	**Tetrachloroethylene**	**110**		ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
108-88-3	Toluene	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
1330-20-7	**Xylenes, Total**	**32**	J	ug/kg dry	17	33	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	5.6	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 03:49	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*113 %*	*76-130*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*85-120*

Sample Information

Client Sample ID: **Ex 1-Southwest-3'** **York Sample ID:** **14J0771-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0771	20 W. Centennial Avenue Roosevelt	Soil	October 15, 2014 12:00 am	10/17/2014

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**	**89.9**		%	0.100	0.100	1	SM 2540G	10/23/2014 20:17	10/24/2014 16:24	KK

Sample Information

Client Sample ID: **Ex 2-Center-5'** **York Sample ID:** **14J0771-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0771	20 W. Centennial Avenue Roosevelt	Soil	October 15, 2014 3:00 pm	10/17/2014

Volatile Organics, 8260 List

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	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	220	440	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK

Sample Information

Client Sample ID: Ex 2-Center-5' **York Sample ID:** 14J0771-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0771	20 W. Centennial Avenue Roosevelt	Soil	October 15, 2014 3:00 pm	10/17/2014

Volatile Organics, 8260 List

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
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
78-93-3	2-Butanone	ND		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
67-64-1	Acetone	ND		ug/kg dry	11	22	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
71-43-2	Benzene	ND		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
108-86-1	Bromobenzene	ND		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
75-25-2	Bromoform	ND		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
74-83-9	Bromomethane	ND		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
75-00-3	Chloroethane	ND		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
67-66-3	Chloroform	ND		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
74-87-3	Chloromethane	ND		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
74-95-3	Dibromomethane	ND		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
75-09-2	Methylene chloride	ND		ug/kg dry	11	22	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
91-20-3	Naphthalene	ND		ug/kg dry	5.5	22	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
95-47-6	o-Xylene	ND		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	11	22	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
100-42-5	Styrene	ND		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
127-18-4	**Tetrachloroethylene**	**440**		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK

Sample Information

Client Sample ID: Ex 2-Center-5' **York Sample ID:** 14J0771-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0771	20 W. Centennial Avenue Roosevelt	Soil	October 15, 2014 3:00 pm	10/17/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	17	33	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	5.5	11	1	EPA 8260C	10/22/2014 16:34	10/23/2014 04:33	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*114 %*	*76-130*
2037-26-5	*Surrogate: Toluene-d8*	*104 %*	*85-120*

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**	**90.4**		%	0.100	0.100	1	SM 2540G	10/23/2014 20:17	10/24/2014 16:24	KK

Sample Information

Client Sample ID: Ex 1-Center-9' **York Sample ID:** 14J0771-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0771	20 W. Centennial Avenue Roosevelt	Soil	October 15, 2014 3:00 pm	10/17/2014

Volatile Organics, 8260 List

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	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK

Sample Information

Client Sample ID: Ex 1-Center-9' **York Sample ID:** 14J0771-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0771	20 W. Centennial Avenue Roosevelt	Soil	October 15, 2014 3:00 pm	10/17/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
123-91-1	1,4-Dioxane	ND		ug/kg dry	200	400	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
78-93-3	2-Butanone	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
95-49-8	2-Chlorotoluene	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
106-43-4	4-Chlorotoluene	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
67-64-1	Acetone	ND		ug/kg dry	10	20	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
71-43-2	Benzene	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
108-86-1	Bromobenzene	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
74-97-5	Bromochloromethane	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
75-25-2	Bromoform	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
74-83-9	Bromomethane	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
75-00-3	Chloroethane	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
67-66-3	Chloroform	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
74-87-3	Chloromethane	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
74-95-3	Dibromomethane	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK

Sample Information

Client Sample ID: Ex 1-Center-9' **York Sample ID:** 14J0771-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0771	20 W. Centennial Avenue Roosevelt	Soil	October 15, 2014 3:00 pm	10/17/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
98-82-8	Isopropylbenzene	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
75-09-2	Methylene chloride	ND		ug/kg dry	10	20	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
91-20-3	Naphthalene	ND		ug/kg dry	5.0	20	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
95-47-6	o-Xylene	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	10	20	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
100-42-5	Styrene	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
108-88-3	Toluene	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	15	30	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK
108-05-4	Vinyl acetate	ND		ug/kg dry	5.0	10	1	EPA 8260C	10/22/2014 16:34	10/23/2014 05:18	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.2 %*	*76-130*
2037-26-5	*Surrogate: Toluene-d8*	*98.2 %*	*85-120*

Sample Information

Client Sample ID: **Ex 1-Center-9'** **York Sample ID:** **14J0771-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14J0771	20 W. Centennial Avenue Roosevelt	Soil	October 15, 2014 3:00 pm	10/17/2014

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**	**99.9**		%	0.100	0.100	1	SM 2540G	10/23/2014 20:17	10/24/2014 16:24	KK

Analytical Batch Summary

Batch ID: BJ41187 **Preparation Method:** EPA 5035A **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
14J0771-01	Ex 1-Northwest-3'	10/22/14
14J0771-02	Ex 1-East Bottom-3'	10/22/14
14J0771-03	Ex 1-South Center-3'	10/22/14
14J0771-04	Ex 1-North Center-3'	10/22/14
14J0771-05	Ex 1-Southwest-3'	10/22/14
14J0771-06	Ex 2-Center-5'	10/22/14
14J0771-07	Ex 1-Center-9'	10/22/14
BJ41187-BLK1	Blank	10/22/14
BJ41187-BS1	LCS	10/22/14
BJ41187-BSD1	LCS Dup	10/22/14
BJ41187-DUP1	Duplicate	10/22/14
BJ41187-MS1	Matrix Spike	10/22/14

Batch ID: BJ41248 **Preparation Method:** % Solids Prep **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
14J0771-01	Ex 1-Northwest-3'	10/23/14
BJ41248-DUP1	Duplicate	10/23/14

Batch ID: BJ41249 **Preparation Method:** % Solids Prep **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
14J0771-02	Ex 1-East Bottom-3'	10/23/14
14J0771-03	Ex 1-South Center-3'	10/23/14
14J0771-04	Ex 1-North Center-3'	10/23/14
14J0771-05	Ex 1-Southwest-3'	10/23/14
14J0771-06	Ex 2-Center-5'	10/23/14
14J0771-07	Ex 1-Center-9'	10/23/14

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 BJ41187 - EPA 5035A											
Blank (BJ41187-BLK1)											
Prepared: 10/22/2014 Analyzed: 10/23/2014											
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	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	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	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Acetone	ND	10	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	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	"								
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 tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	10	"								
Naphthalene	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	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 BJ41187 - EPA 5035A											
Blank (BJ41187-BLK1)										Prepared: 10/22/2014 Analyzed: 10/23/2014	
o-Xylene	ND	5.0	ug/kg wet								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
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	"								
Vinyl acetate	ND	5.0	"								
Surrogate: 1,2-Dichloroethane-d4	*49.0*		*ug/L*	*50.0*		*98.1*	*77-125*				
Surrogate: p-Bromofluorobenzene	*50.2*		*"*	*50.0*		*100*	*76-130*				
Surrogate: Toluene-d8	*48.8*		*"*	*50.0*		*97.5*	*85-120*				
LCS (BJ41187-BS1)										Prepared & Analyzed: 10/22/2014	
1,1,1,2-Tetrachloroethane	54.4		ug/L	50.0		109	75-129				
1,1,1-Trichloroethane	53.8		"	50.0		108	71-137				
1,1,2,2-Tetrachloroethane	53.9		"	50.0		108	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51.4		"	50.0		103	58-146				
1,1,2-Trichloroethane	55.6		"	50.0		111	83-123				
1,1-Dichloroethane	55.0		"	50.0		110	75-130				
1,1-Dichloroethylene	53.4		"	50.0		107	64-137				
1,1-Dichloropropylene	52.9		"	50.0		106	77-127				
1,2,3-Trichlorobenzene	52.1		"	50.0		104	81-140				
1,2,3-Trichloropropane	53.5		"	50.0		107	81-126				
1,2,4-Trichlorobenzene	49.6		"	50.0		99.3	80-141				
1,2,4-Trimethylbenzene	52.2		"	50.0		104	84-125				
1,2-Dibromo-3-chloropropane	54.4		"	50.0		109	74-142				
1,2-Dibromoethane	53.2		"	50.0		106	86-123				
1,2-Dichlorobenzene	53.4		"	50.0		107	85-122				
1,2-Dichloroethane	53.6		"	50.0		107	71-133				
1,2-Dichloropropane	53.6		"	50.0		107	81-122				
1,3,5-Trimethylbenzene	51.6		"	50.0		103	82-126				
1,3-Dichlorobenzene	53.3		"	50.0		107	84-124				
1,3-Dichloropropane	51.9		"	50.0		104	83-123				
1,4-Dichlorobenzene	52.0		"	50.0		104	84-124				
1,4-Dioxane	1600		"	1000		160	10-228				
2,2-Dichloropropane	51.2		"	50.0		102	67-136				
2-Butanone	46.8		"	50.0		93.5	58-147				
2-Chlorotoluene	51.0		"	50.0		102	78-127				
4-Chlorotoluene	50.6		"	50.0		101	79-125				
Acetone	49.0		"	50.0		97.9	36-155				
Benzene	54.2		"	50.0		108	77-127				
Bromobenzene	52.7		"	50.0		105	77-129				
Bromochloromethane	53.2		"	50.0		106	74-129				
Bromodichloromethane	52.7		"	50.0		105	81-124				
Bromoform	52.6		"	50.0		105	80-136				

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 BJ41187 - EPA 5035A											
LCS (BJ41187-BS1)								Prepared & Analyzed: 10/22/2014			
Bromomethane	63.7		ug/L	50.0		127	32-177				
Carbon tetrachloride	52.3		"	50.0		105	66-143				
Chlorobenzene	54.4		"	50.0		109	86-120				
Chloroethane	53.7		"	50.0		107	51-142				
Chloroform	53.6		"	50.0		107	76-131				
Chloromethane	54.2		"	50.0		108	49-132				
cis-1,2-Dichloroethylene	59.5		"	50.0		119	74-132				
cis-1,3-Dichloropropylene	53.4		"	50.0		107	81-129				
Dibromochloromethane	53.7		"	50.0		107	10-200				
Dibromomethane	54.1		"	50.0		108	83-124				
Dichlorodifluoromethane	51.2		"	50.0		102	28-158				
Ethyl Benzene	54.4		"	50.0		109	84-125				
Hexachlorobutadiene	51.0		"	50.0		102	83-133				
Isopropylbenzene	54.0		"	50.0		108	81-127				
Methyl tert-butyl ether (MTBE)	54.2		"	50.0		108	74-131				
Methylene chloride	53.7		"	50.0		107	57-141				
Naphthalene	54.2		"	50.0		108	86-141				
n-Butylbenzene	50.9		"	50.0		102	80-130				
n-Propylbenzene	51.2		"	50.0		102	74-136				
o-Xylene	52.7		"	50.0		105	83-123				
p- & m- Xylenes	106		"	100		106	82-128				
p-Isopropyltoluene	54.3		"	50.0		109	85-125				
sec-Butylbenzene	54.6		"	50.0		109	83-125				
Styrene	52.4		"	50.0		105	86-126				
tert-Butylbenzene	53.3		"	50.0		107	80-127				
Tetrachloroethylene	52.9		"	50.0		106	80-129				
Toluene	52.5		"	50.0		105	85-121				
trans-1,2-Dichloroethylene	57.0		"	50.0		114	72-132				
trans-1,3-Dichloropropylene	52.1		"	50.0		104	78-132				
Trichloroethylene	52.8		"	50.0		106	84-123				
Trichlorofluoromethane	50.4		"	50.0		101	62-140				
Vinyl Chloride	52.3		"	50.0		105	52-130				
Vinyl acetate	54.3		"	50.0		109	67-136				
Surrogate: 1,2-Dichloroethane-d4	*48.1*		*"*	*50.0*		*96.2*	*77-125*				
Surrogate: p-Bromofluorobenzene	*50.3*		*"*	*50.0*		*101*	*76-130*				
Surrogate: Toluene-d8	*48.6*		*"*	*50.0*		*97.1*	*85-120*				

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 BJ41187 - EPA 5035A											
LCS Dup (BJ41187-BSD1)							Prepared & Analyzed: 10/22/2014				
1,1,1,2-Tetrachloroethane	53.2		ug/L	50.0		106	75-129		2.25	30	
1,1,1-Trichloroethane	57.6		"	50.0		115	71-137		6.78	30	
1,1,2,2-Tetrachloroethane	55.5		"	50.0		111	79-129		2.80	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	53.7		"	50.0		107	58-146		4.38	30	
1,1,2-Trichloroethane	53.8		"	50.0		108	83-123		3.44	30	
1,1-Dichloroethane	55.0		"	50.0		110	75-130		0.0182	30	
1,1-Dichloroethylene	55.1		"	50.0		110	64-137		3.28	30	
1,1-Dichloropropylene	55.9		"	50.0		112	77-127		5.44	30	
1,2,3-Trichlorobenzene	52.8		"	50.0		106	81-140		1.41	30	
1,2,3-Trichloropropane	54.1		"	50.0		108	81-126		1.23	30	
1,2,4-Trichlorobenzene	51.2		"	50.0		102	80-141		3.17	30	
1,2,4-Trimethylbenzene	52.2		"	50.0		104	84-125		0.172	30	
1,2-Dibromo-3-chloropropane	56.2		"	50.0		112	74-142		3.33	30	
1,2-Dibromoethane	54.2		"	50.0		108	86-123		1.77	30	
1,2-Dichlorobenzene	53.3		"	50.0		107	85-122		0.0750	30	
1,2-Dichloroethane	55.4		"	50.0		111	71-133		3.26	30	
1,2-Dichloropropane	54.4		"	50.0		109	81-122		1.46	30	
1,3,5-Trimethylbenzene	53.3		"	50.0		107	82-126		3.37	30	
1,3-Dichlorobenzene	54.2		"	50.0		108	84-124		1.62	30	
1,3-Dichloropropane	50.5		"	50.0		101	83-123		2.66	30	
1,4-Dichlorobenzene	51.8		"	50.0		104	84-124		0.501	30	
1,4-Dioxane	1600		"	1000		160	10-228		0.461	30	
2,2-Dichloropropane	53.2		"	50.0		106	67-136		3.85	30	
2-Butanone	49.5		"	50.0		99.1	58-147		5.77	30	
2-Chlorotoluene	51.6		"	50.0		103	78-127		1.11	30	
4-Chlorotoluene	52.2		"	50.0		104	79-125		3.19	30	
Acetone	53.4		"	50.0		107	36-155		8.60	30	
Benzene	56.6		"	50.0		113	77-127		4.33	30	
Bromobenzene	54.7		"	50.0		109	77-129		3.74	30	
Bromochloromethane	55.7		"	50.0		111	74-129		4.70	30	
Bromodichloromethane	52.7		"	50.0		105	81-124		0.0379	30	
Bromoform	53.1		"	50.0		106	80-136		0.851	30	
Bromomethane	64.7		"	50.0		129	32-177		1.51	30	
Carbon tetrachloride	57.0		"	50.0		114	66-143		8.67	30	
Chlorobenzene	53.0		"	50.0		106	86-120		2.53	30	
Chloroethane	55.7		"	50.0		111	51-142		3.60	30	
Chloroform	56.9		"	50.0		114	76-131		5.84	30	
Chloromethane	56.7		"	50.0		113	49-132		4.38	30	
cis-1,2-Dichloroethylene	63.5		"	50.0		127	74-132		6.46	30	
cis-1,3-Dichloropropylene	52.4		"	50.0		105	81-129		1.89	30	
Dibromochloromethane	55.2		"	50.0		110	10-200		2.79	30	
Dibromomethane	55.0		"	50.0		110	83-124		1.67	30	
Dichlorodifluoromethane	52.3		"	50.0		105	28-158		2.07	30	
Ethyl Benzene	52.5		"	50.0		105	84-125		3.65	30	
Hexachlorobutadiene	53.3		"	50.0		107	83-133		4.28	30	
Isopropylbenzene	54.7		"	50.0		109	81-127		1.40	30	
Methyl tert-butyl ether (MTBE)	56.1		"	50.0		112	74-131		3.34	30	
Methylene chloride	54.9		"	50.0		110	57-141		2.23	30	
Naphthalene	53.7		"	50.0		107	86-141		0.909	30	
n-Butylbenzene	52.0		"	50.0		104	80-130		2.08	30	
n-Propylbenzene	52.1		"	50.0		104	74-136		1.65	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 BJ41187 - EPA 5035A											
LCS Dup (BJ41187-BSD1)								Prepared & Analyzed: 10/22/2014			
o-Xylene	52.4		ug/L	50.0		105	83-123		0.723	30	
p- & m- Xylenes	104		"	100		104	82-128		1.66	30	
p-Isopropyltoluene	54.5		"	50.0		109	85-125		0.276	30	
sec-Butylbenzene	54.1		"	50.0		108	83-125		1.07	30	
Styrene	52.3		"	50.0		105	86-126		0.248	30	
tert-Butylbenzene	54.5		"	50.0		109	80-127		2.15	30	
Tetrachloroethylene	52.9		"	50.0		106	80-129		0.0189	30	
Toluene	52.0		"	50.0		104	85-121		0.880	30	
trans-1,2-Dichloroethylene	56.6		"	50.0		113	72-132		0.546	30	
trans-1,3-Dichloropropylene	51.8		"	50.0		104	78-132		0.539	30	
Trichloroethylene	52.2		"	50.0		104	84-123		1.03	30	
Trichlorofluoromethane	54.3		"	50.0		109	62-140		7.41	30	
Vinyl Chloride	53.3		"	50.0		107	52-130		1.78	30	
Vinyl acetate	54.3		"	50.0		109	67-136		0.0553	30	
Surrogate: 1,2-Dichloroethane-d4	*51.3*		*"*	*50.0*		*103*	*77-125*				
Surrogate: p-Bromofluorobenzene	*51.6*		*"*	*50.0*		*103*	*76-130*				
Surrogate: Toluene-d8	*47.4*		*"*	*50.0*		*94.8*	*85-120*				
Duplicate (BJ41187-DUP1)	*Source sample: 14J0771-01 (Ex 1-Northwest-3')							Prepared: 10/22/2014 Analyzed: 10/23/2014			
1,1,1,2-Tetrachloroethane	ND	10	ug/kg dry		ND					200	
1,1,1-Trichloroethane	ND	10	"		ND					200	
1,1,2,2-Tetrachloroethane	ND	10	"		ND					200	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	10	"		ND					200	
1,1,2-Trichloroethane	ND	10	"		ND					200	
1,1-Dichloroethane	ND	10	"		ND					200	
1,1-Dichloroethylene	ND	10	"		ND					200	
1,1-Dichloropropylene	ND	10	"		ND					200	
1,2,3-Trichlorobenzene	ND	10	"		ND					200	
1,2,3-Trichloropropane	ND	10	"		ND					200	
1,2,4-Trichlorobenzene	ND	10	"		ND					200	
1,2,4-Trimethylbenzene	ND	10	"		ND					200	
1,2-Dibromo-3-chloropropane	ND	10	"		ND					200	
1,2-Dibromoethane	ND	10	"		ND					200	
1,2-Dichlorobenzene	ND	10	"		ND					200	
1,2-Dichloroethane	ND	10	"		ND					200	
1,2-Dichloropropane	ND	10	"		ND					200	
1,3,5-Trimethylbenzene	ND	10	"		ND					200	
1,3-Dichlorobenzene	ND	10	"		ND					200	
1,3-Dichloropropane	ND	10	"		ND					200	
1,4-Dichlorobenzene	ND	10	"		ND					200	
1,4-Dioxane	ND	200	"		ND					200	
2,2-Dichloropropane	ND	10	"		ND					200	
2-Butanone	ND	10	"		ND					200	
2-Chlorotoluene	ND	10	"		ND					200	
4-Chlorotoluene	ND	10	"		ND					200	
Acetone	ND	20	"		ND					200	
Benzene	ND	10	"		ND					200	
Bromobenzene	ND	10	"		ND					200	
Bromochloromethane	ND	10	"		ND					200	
Bromodichloromethane	ND	10	"		ND					200	
Bromoform	ND	10	"		ND					200	
Bromomethane	ND	10	"		ND					200	

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 BJ41187 - EPA 5035A											
Duplicate (BJ41187-DUP1)	*Source sample: 14J0771-01 (Ex 1-Northwest-3')						Prepared: 10/22/2014 Analyzed: 10/23/2014				
Carbon tetrachloride	ND	10	ug/kg dry		ND					200	
Chlorobenzene	ND	10	"		ND					200	
Chloroethane	ND	10	"		ND					200	
Chloroform	ND	10	"		ND					200	
Chloromethane	ND	10	"		ND					200	
cis-1,2-Dichloroethylene	ND	10	"		ND					200	
cis-1,3-Dichloropropylene	ND	10	"		ND					200	
Dibromochloromethane	ND	10	"		ND					200	
Dibromomethane	ND	10	"		ND					200	
Dichlorodifluoromethane	ND	10	"		ND					200	
Ethyl Benzene	ND	10	"		ND					200	
Hexachlorobutadiene	ND	10	"		ND					200	
Isopropylbenzene	ND	10	"		ND					200	
Methyl tert-butyl ether (MTBE)	ND	10	"		ND					200	
Methylene chloride	ND	20	"		ND					200	
Naphthalene	ND	20	"		ND					200	
n-Butylbenzene	ND	10	"		ND					200	
n-Propylbenzene	ND	10	"		ND					200	
o-Xylene	ND	10	"		ND					200	
p- & m- Xylenes	ND	20	"		ND					200	
p-Isopropyltoluene	ND	10	"		ND					200	
sec-Butylbenzene	ND	10	"		ND					200	
Styrene	ND	10	"		ND					200	
tert-Butylbenzene	ND	10	"		ND					200	
Tetrachloroethylene	11	10	"		11				1.26	200	
Toluene	ND	10	"		ND					200	
trans-1,2-Dichloroethylene	ND	10	"		ND					200	
trans-1,3-Dichloropropylene	ND	10	"		ND					200	
Trichloroethylene	ND	10	"		ND					200	
Trichlorofluoromethane	ND	10	"		ND					200	
Vinyl Chloride	ND	10	"		ND					200	
Xylenes, Total	ND	30	"		ND					200	
Vinyl acetate	ND	10	"		ND					200	
Surrogate: 1,2-Dichloroethane-d4	*52.0*		*ug/L*	*50.0*		*104*	*77-125*				
Surrogate: p-Bromofluorobenzene	*51.3*		*"*	*50.0*		*103*	*76-130*				
Surrogate: Toluene-d8	*48.4*		*"*	*50.0*		*96.9*	*85-120*				

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 BJ41187 - EPA 5035A

Matrix Spike (BJ41187-MS1) *Source sample: 14J0771-01 (Ex 1-Northwest-3') Prepared: 10/22/2014 Analyzed: 10/23/2014

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	48.3		ug/L	50.0	ND	96.6	15-161				
1,1,1-Trichloroethane	52.4		"	50.0	ND	105	42-145				
1,1,2,2-Tetrachloroethane	52.6		"	50.0	ND	105	16-167				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	42.2		"	50.0	ND	84.3	11-160				
1,1,2-Trichloroethane	51.2		"	50.0	ND	102	44-145				
1,1-Dichloroethane	52.7		"	50.0	ND	105	46-142				
1,1-Dichloroethylene	50.3		"	50.0	ND	101	30-153				
1,1-Dichloropropylene	49.8		"	50.0	ND	99.7	40-133				
1,2,3-Trichlorobenzene	35.9		"	50.0	ND	71.8	10-157				
1,2,3-Trichloropropane	52.7		"	50.0	ND	105	38-155				
1,2,4-Trichlorobenzene	31.6		"	50.0	ND	63.3	10-151				
1,2,4-Trimethylbenzene	44.6		"	50.0	ND	89.2	10-170				
1,2-Dibromo-3-chloropropane	50.0		"	50.0	ND	99.9	36-138				
1,2-Dibromoethane	51.3		"	50.0	ND	103	40-142				
1,2-Dichlorobenzene	43.4		"	50.0	ND	86.8	10-147				
1,2-Dichloroethane	51.9		"	50.0	ND	104	48-133				
1,2-Dichloropropane	50.8		"	50.0	ND	102	47-141				
1,3,5-Trimethylbenzene	46.2		"	50.0	ND	92.3	10-150				
1,3-Dichlorobenzene	41.9		"	50.0	ND	83.7	10-144				
1,3-Dichloropropane	49.7		"	50.0	ND	99.5	43-142				
1,4-Dichlorobenzene	40.8		"	50.0	ND	81.6	10-160				
1,4-Dioxane	1450		"	1000	ND	145	10-191				
2,2-Dichloropropane	46.4		"	50.0	ND	92.7	38-130				
2-Butanone	45.8		"	50.0	ND	91.6	10-189				
2-Chlorotoluene	45.1		"	50.0	ND	90.3	14-144				
4-Chlorotoluene	43.0		"	50.0	ND	86.0	15-138				
Acetone	51.6		"	50.0	ND	103	10-196				
Benzene	52.8		"	50.0	ND	106	43-139				
Bromobenzene	47.5		"	50.0	ND	95.0	23-142				
Bromochloromethane	53.0		"	50.0	ND	106	38-145				
Bromodichloromethane	48.8		"	50.0	ND	97.5	38-147				
Bromoform	52.5		"	50.0	ND	105	29-156				
Bromomethane	60.9		"	50.0	ND	122	10-166				
Carbon tetrachloride	52.0		"	50.0	ND	104	35-145				
Chlorobenzene	47.1		"	50.0	ND	94.2	21-154				
Chloroethane	54.6		"	50.0	ND	109	15-160				
Chloroform	54.0		"	50.0	ND	108	47-142				
Chloromethane	54.6		"	50.0	ND	109	10-159				
cis-1,2-Dichloroethylene	57.3		"	50.0	ND	115	42-144				
cis-1,3-Dichloropropylene	44.7		"	50.0	ND	89.4	18-159				
Dibromochloromethane	50.2		"	50.0	ND	100	10-179				
Dibromomethane	49.5		"	50.0	ND	99.0	47-143				
Dichlorodifluoromethane	40.6		"	50.0	ND	81.2	10-145				
Ethyl Benzene	45.9		"	50.0	ND	91.8	11-158				
Hexachlorobutadiene	35.0		"	50.0	ND	69.9	10-158				
Isopropylbenzene	48.2		"	50.0	ND	96.5	10-162				
Methyl tert-butyl ether (MTBE)	54.6		"	50.0	ND	109	42-152				
Methylene chloride	52.9		"	50.0	1.11	104	28-151				
Naphthalene	40.9		"	50.0	ND	81.8	10-158				
n-Butylbenzene	38.0		"	50.0	ND	76.1	10-162				
n-Propylbenzene	45.2		"	50.0	ND	90.4	10-155				

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 BJ41187 - EPA 5035A											
Matrix Spike (BJ41187-MS1)	*Source sample: 14J0771-01 (Ex 1-Northwest-3')								Prepared: 10/22/2014 Analyzed: 10/23/2014		
o-Xylene	47.2		ug/L	50.0	ND	94.3	10-158				
p- & m- Xylenes	89.4		"	100	ND	89.4	10-156				
p-Isopropyltoluene	42.4		"	50.0	ND	84.8	10-147				
sec-Butylbenzene	44.9		"	50.0	ND	89.7	10-157				
Styrene	45.3		"	50.0	ND	90.5	13-171				
tert-Butylbenzene	50.1		"	50.0	ND	100	10-160				
Tetrachloroethylene	49.1		"	50.0	5.52	87.1	30-167				
Toluene	47.8		"	50.0	ND	95.6	21-160				
trans-1,2-Dichloroethylene	52.3		"	50.0	ND	105	29-153				
trans-1,3-Dichloropropylene	44.2		"	50.0	ND	88.4	18-155				
Trichloroethylene	46.7		"	50.0	ND	93.3	24-169				
Trichlorofluoromethane	49.2		"	50.0	ND	98.4	35-142				
Vinyl Chloride	50.4		"	50.0	ND	101	12-160				
Vinyl acetate	25.4		"	50.0	ND	50.7	10-119				
Surrogate: 1,2-Dichloroethane-d4	*50.7*		*"*	*50.0*		*101*	*77-125*				
Surrogate: p-Bromofluorobenzene	*51.3*		*"*	*50.0*		*103*	*70-130*				
Surrogate: Toluene-d8	*47.4*		*"*	*50.0*		*94.7*	*85-120*				

Miscellaneous Physical Parameters - 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 BJ41248 - % Solids Prep											
Duplicate (BJ41248-DUP1)	*Source sample: 14J0771-01 (Ex 1-Northwest-3')								Prepared: 10/23/2014 Analyzed: 10/24/2014		
% Solids	98.5	0.100	%		98.4				0.112	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14J0771-01	Ex 1-Northwest-3'	2 oz. WM Clear Glass Cool to 4° C
14J0771-02	Ex 1-East Bottom-3'	2 oz. WM Clear Glass Cool to 4° C
14J0771-03	Ex 1-South Center-3'	2 oz. WM Clear Glass Cool to 4° C
14J0771-04	Ex 1-North Center-3'	2 oz. WM Clear Glass Cool to 4° C
14J0771-05	Ex 1-Southwest-3'	2 oz. WM Clear Glass Cool to 4° C
14J0771-06	Ex 2-Center-5'	2 oz. WM Clear Glass Cool to 4° C
14J0771-07	Ex 1-Center-9'	8 oz. WM Clear Glass Cool to 4° C

Notes and Definitions

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.

---

*	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.

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

Field Chain-of-Custody Record

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

York Project No. 14J0771

YOUR Information

Company: Laurel Env.
Address: 53 West Hills Rd Huntington Station NY
Phone No. 631-673-0612
Contact Person: Scott Yanuck
E-Mail Address: Results@laurelen...

Report To:

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

Invoice To:

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

YOUR Project ID

20 W. Centennial Avenue Roosevelt.

Purchase Order No.

Samples from: CT___ NY X NJ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☒

Report Type

- Summary Report X
- Summary w/ QA Summary
- CT RCP Package
- CTRCP DQA/DUE Pkg
- NY ASP A Package
- NY ASP B Package
- NJDEP Red. Deliv.

Electronic Data Deliverables (EDD)

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

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

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

Samples Collected/Authorized By (Signature)

Nicole D. Clarity
Name (printed)

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

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
Ex1-northwest-3'	10.15.14	S	~~8260~~ EPA 8260 Full list	(1) 2oz
Ex1-East Bottom-3'				
Ex1-South Center-3'				
Ex1-North Center-3'				
Ex1-Southwest-3'				
Ex2-Center-5'				
Ex1-Center-9'				(1) 8oz.

Comments

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

4°C X Frozen___ HCl___ MeOH___ HNO_3___ H_2SO_4___ NaOH___
ZnAc Ascorbic Acid Other

Samples Relinquished By — Date/Time: 10/15
Samples Relinquished By — Date/Time:

Samples Received By — Date/Time: 10/17/14 1130 AM
Samples Received in LAB by — Date/Time: 10/17/14 1630

Temperature on Receipt 3.1 °C

Technical Report

prepared for:

Laurel Environmental
53 West Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Report Date: 06/27/2013
Client Project ID: 20 West Centennial
York Project (SDG) No.: 13F0697

Report Date: 06/27/2013
Client Project ID: 20 West Centennial
York Project (SDG) No.: 13F0697

Laurel Environmental
53 West Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on June 20, 2013 and listed below. The project was identified as your project: **20 West Centennial**.

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
13F0697-01	DW-1 @ 11.5'	Soil	06/18/2013	06/20/2013
13F0697-02	DW-1 @ 16.5'	Soil	06/18/2013	06/20/2013
13F0697-03	DW-2 @ 14'	Soil	06/18/2013	06/20/2013
13F0697-04	DW-2 @ 16.5'	Soil	06/18/2013	06/20/2013
13F0697-05	DW-3 @ 17'	Soil	06/18/2013	06/20/2013
13F0697-06	DW-DUP	Soil	06/18/2013	06/20/2013
13F0697-07	GW-2 GW	Water	06/18/2013	06/20/2013
13F0697-08	MW-20-3	Water	06/18/2013	06/20/2013
13F0697-09	MW-20-4	Water	06/18/2013	06/20/2013
13F0697-10	MW-20-7	Water	06/18/2013	06/20/2013
13F0697-11	MW-20-8	Water	06/18/2013	06/20/2013
13F0697-12	MW-1S	Water	06/18/2013	06/20/2013
13F0697-13	MW-1D	Water	06/18/2013	06/20/2013
13F0697-14	MW-2S	Water	06/18/2013	06/20/2013
13F0697-15	MW-2D	Water	06/18/2013	06/20/2013
13F0697-16	Equipment Blank	Water	06/18/2013	06/20/2013
13F0697-17	TripBlank	Water	06/18/2013	06/20/2013
13F0697-18	Rinsate Blank	Water	06/18/2013	06/20/2013
13F0697-19	GW-DUP	Water	06/18/2013	06/20/2013

General Notes for York Project (SDG) No.: 13F0697

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: 06/27/2013

Benjamin Gulizia
Laboratory Director

YORK

Sample Information

Client Sample ID: DW-1 @ 11.5'

York Sample ID: 13F0697-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Soil	June 18, 2013 2:30 pm	06/20/2013

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	794	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	1050	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
62-53-3	Aniline	ND		ug/kg dry	1250	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
120-12-7	Anthracene	ND		ug/kg dry	1200	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	820	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	868	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	1840	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	728	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	2190	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	1210	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	1060	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	1480	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	570	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	754	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	1120	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	772	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
117-81-7	Bis(2-ethylhexyl)phthalate	**2820**		ug/kg dry	1510	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	1180	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	1280	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
218-01-9	Chrysene	ND		ug/kg dry	1010	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	882	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	1020	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	890	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1430	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1350	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	693	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	1150	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	1380	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	978	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	1130	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	969	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	2190	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR

Sample Information

Client Sample ID: DW-1 @ 11.5'

York Sample ID: 13F0697-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Soil	June 18, 2013 2:30 pm	06/20/2013

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	Fluoranthene	ND		ug/kg dry	1280	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
86-73-7	Fluorene	ND		ug/kg dry	1050	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	1290	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	741	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	1630	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	627	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	1000	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
78-59-1	Isophorone	ND		ug/kg dry	754	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	1680	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
91-20-3	Naphthalene	ND		ug/kg dry	539	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	2180	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	908	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	645	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	732	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	899	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	991	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
85-01-8	Phenanthrene	ND		ug/kg dry	1140	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
129-00-0	Pyrene	ND		ug/kg dry	895	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
110-86-1	Pyridine	ND		ug/kg dry	1540	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	794	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
86-74-8	Carbazole	ND		ug/kg dry	1520	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR

	Surrogate Recoveries	Result		Acceptance Range
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*18.9 %*	*S-06*	*30-130*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*16.0 %*	*S-06*	*30-130*
1718-51-0	*Surrogate: Terphenyl-d14*	*18.0 %*	*S-06*	*30-130*

Sample Information

Client Sample ID: DW-1 @ 11.5' **York Sample ID:** 13F0697-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Soil	June 18, 2013 2:30 pm	06/20/2013

Metals, Priority Pollutant

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	**7.76**		mg/kg dry	0.289	0.658	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 21:49	MW
7440-38-2	Arsenic	**3.42**		mg/kg dry	0.447	1.32	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 21:49	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.132	0.132	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 21:49	MW
7440-43-9	Cadmium	**0.929**		mg/kg dry	0.132	0.658	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 21:49	MW
7440-47-3	Chromium	**13.8**		mg/kg dry	0.158	0.658	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 21:49	MW
7440-50-8	Copper	**114**		mg/kg dry	0.158	0.658	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 21:49	MW
7439-92-1	Lead	**271**		mg/kg dry	0.224	0.395	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 21:49	MW
7440-02-0	Nickel	**12.3**		mg/kg dry	0.171	0.658	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 21:49	MW
7782-49-2	Selenium	**1.82**		mg/kg dry	0.658	0.658	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 21:49	MW
7440-22-4	Silver	ND		mg/kg dry	0.132	0.658	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 21:49	MW
7440-28-0	Thallium	ND		mg/kg dry	0.421	0.658	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 21:49	MW
7440-66-6	Zinc	**162**		mg/kg dry	0.118	0.658	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 21:49	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	**0.115**		mg/kg dry	0.000513	0.000513	1	EPA SW846-7473	06/24/2013 19:13	06/24/2013 22:44	AAKBA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	**76.0**		%	0.100	0.100	1	SM 2540G	06/21/2013 13:04	06/21/2013 15:46	BGS

Sample Information

Client Sample ID: DW-1 @ 16.5' **York Sample ID:** 13F0697-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Soil	June 18, 2013 2:30 pm	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS

Sample Information

Client Sample ID: DW-1 @ 16.5'

York Sample ID: 13F0697-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Soil	June 18, 2013 2:30 pm	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	110	210	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
78-93-3	2-Butanone	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
67-64-1	Acetone	ND		ug/kg dry	5.3	21	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
71-43-2	Benzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
108-86-1	Bromobenzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
75-25-2	Bromoform	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
74-83-9	Bromomethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
75-00-3	Chloroethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS

Sample Information

Client Sample ID: DW-1 @ 16.5'

York Sample ID: 13F0697-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Soil	June 18, 2013 2:30 pm	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	Chloroform	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
74-87-3	Chloromethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
74-95-3	Dibromomethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
75-09-2	Methylene chloride	ND		ug/kg dry	5.3	21	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
91-20-3	Naphthalene	ND		ug/kg dry	5.3	21	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
95-47-6	o-Xylene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	11	21	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
100-42-5	Styrene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
108-88-3	Toluene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	16	32	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*103 %*	*73-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.1 %*	*72-127*

Sample Information

Client Sample ID: DW-1 @ 16.5' **York Sample ID:** 13F0697-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Soil	June 18, 2013 2:30 pm	06/20/2013

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	*Surrogate: Toluene-d8*	*95.0 %*			*84-117*						

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	**94.2**		%	0.100	0.100	1	SM 2540G	06/25/2013 23:28	06/26/2013 05:51	KK

Sample Information

Client Sample ID: DW-2 @ 14' **York Sample ID:** 13F0697-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Soil	June 18, 2013 11:00 am	06/20/2013

Semi-Volatiles, 8270 Base/Neutrals

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	127	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	169	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
62-53-3	Aniline	ND		ug/kg dry	201	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
120-12-7	Anthracene	ND		ug/kg dry	192	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	131	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	139	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	295	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	117	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	352	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	194	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	169	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	237	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	91.4	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	121	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	179	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	124	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	243	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	190	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	206	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR

Sample Information

Client Sample ID: DW-2 @ 14'

York Sample ID: 13F0697-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Soil	June 18, 2013 11:00 am	06/20/2013

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
218-01-9	Chrysene	ND		ug/kg dry	162	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	141	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	164	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	143	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	230	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	217	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	111	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	184	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	221	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	157	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	181	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	155	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	352	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
206-44-0	Fluoranthene	ND		ug/kg dry	206	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
86-73-7	Fluorene	ND		ug/kg dry	169	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	207	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	119	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	262	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	101	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	160	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
78-59-1	Isophorone	ND		ug/kg dry	121	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	270	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
91-20-3	Naphthalene	ND		ug/kg dry	86.5	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	349	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	146	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	103	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	117	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	144	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	159	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
85-01-8	Phenanthrene	ND		ug/kg dry	184	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
129-00-0	Pyrene	ND		ug/kg dry	143	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
110-86-1	Pyridine	ND		ug/kg dry	247	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR

Sample Information

Client Sample ID: DW-2 @ 14'

York Sample ID: 13F0697-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Soil	June 18, 2013 11:00 am	06/20/2013

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	127	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
86-74-8	Carbazole	ND		ug/kg dry	243	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR

	Surrogate Recoveries	Result	Acceptance Range
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*53.0 %*	*30-130*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*49.4 %*	*30-130*
1718-51-0	*Surrogate: Terphenyl-d14*	*59.2 %*	*30-130*

Metals, Priority Pollutant

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	**0.651**		mg/kg dry	0.232	0.527	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:06	MW
7440-38-2	Arsenic	ND		mg/kg dry	0.359	1.05	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:06	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.105	0.105	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:06	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.105	0.527	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:06	MW
7440-47-3	Chromium	**35.7**		mg/kg dry	0.127	0.527	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:06	MW
7440-50-8	Copper	**3.53**		mg/kg dry	0.127	0.527	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:06	MW
7439-92-1	Lead	**11.1**		mg/kg dry	0.179	0.316	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:06	MW
7440-02-0	Nickel	**5.06**		mg/kg dry	0.137	0.527	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:06	MW
7782-49-2	Selenium	**0.910**		mg/kg dry	0.527	0.527	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:06	MW
7440-22-4	Silver	ND		mg/kg dry	0.105	0.527	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:06	MW
7440-28-0	Thallium	ND		mg/kg dry	0.338	0.527	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:06	MW
7440-66-6	Zinc	**27.8**		mg/kg dry	0.095	0.527	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:06	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	**0.00295**		mg/kg dry	0.000411	0.000411	1	EPA SW846-7473	06/24/2013 19:13	06/25/2013 07:13	AAKBA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	**94.8**		%	0.100	0.100	1	SM 2540G	06/21/2013 13:04	06/21/2013 15:46	BGS

Sample Information

Client Sample ID: **DW-2 @ 16.5'** | **York Sample ID:** **13F0697-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Soil	June 18, 2013 11:00 am	06/20/2013

Volatile Organics, 8260 List | **Log-in Notes:** | **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 11:	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
95-63-6	1,2,4-Trimethylbenzene	**6.7**	J	ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	100	210	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
78-93-3	2-Butanone	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
67-64-1	Acetone	**8.4**	J, B	ug/kg dry	5.2	21	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
71-43-2	Benzene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
108-86-1	Bromobenzene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
75-25-2	Bromoform	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS

Sample Information

Client Sample ID: DW-2 @ 16.5'

York Sample ID: 13F0697-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Soil	June 18, 2013 11:00 am	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
75-00-3	Chloroethane	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
67-66-3	Chloroform	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
74-87-3	Chloromethane	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
74-95-3	Dibromomethane	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
75-09-2	Methylene chloride	ND		ug/kg dry	5.2	21	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
91-20-3	Naphthalene	ND		ug/kg dry	5.2	21	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
95-47-6	o-Xylene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	10	21	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
100-42-5	Styrene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
108-88-3	Toluene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS

Sample Information

Client Sample ID: DW-2 @ 16.5' **York Sample ID:** 13F0697-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Soil	June 18, 2013 11:00 am	06/20/2013

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/kg dry	16	31	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*101 %*	*73-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.1 %*	*72-127*
2037-26-5	*Surrogate: Toluene-d8*	*96.1 %*	*84-117*

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	**96.0**		%	0.100	0.100	1	SM 2540G	06/25/2013 23:28	06/26/2013 05:51	KK

Sample Information

Client Sample ID: DW-3 @ 17' **York Sample ID:** 13F0697-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Soil	June 18, 2013 10:30 am	06/20/2013

Semi-Volatiles, 8270 Base/Neutrals

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	646	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	857	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
62-53-3	Aniline	ND		ug/kg dry	1020	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
120-12-7	Anthracene	ND		ug/kg dry	975	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	668	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	707	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	1500	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	593	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	1790	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	985	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	861	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	1200	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	464	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	614	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR

Sample Information

Client Sample ID: DW-3 @ 17'

York Sample ID: 13F0697-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Soil	June 18, 2013 10:30 am	06/20/2013

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	910	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	628	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	1230	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	964	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	1050	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
218-01-9	Chrysene	ND		ug/kg dry	821	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	718	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	832	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	725	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1170	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1100	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	564	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	935	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	1120	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	796	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	918	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	789	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	1790	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
206-44-0	Fluoranthene	ND		ug/kg dry	1050	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
86-73-7	Fluorene	ND		ug/kg dry	857	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	1050	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	603	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	1330	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	511	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	814	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
78-59-1	Isophorone	ND		ug/kg dry	614	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	1370	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
91-20-3	Naphthalene	ND		ug/kg dry	439	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	1770	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	739	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	525	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	596	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR

Sample Information

Client Sample ID: DW-3 @ 17'

York Sample ID: 13F0697-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Soil	June 18, 2013 10:30 am	06/20/2013

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	732	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	807	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
85-01-8	Phenanthrene	ND		ug/kg dry	932	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
129-00-0	Pyrene	ND		ug/kg dry	728	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
110-86-1	Pyridine	ND		ug/kg dry	1250	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	646	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
86-74-8	Carbazole	ND		ug/kg dry	1240	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR

	Surrogate Recoveries	Result	Acceptance Range
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*50.0 %*	*30-130*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*59.9 %*	*30-130*
1718-51-0	*Surrogate: Terphenyl-d14*	*73.8 %*	*30-130*

Metals, Priority Pollutant

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	**0.890**		mg/kg dry	0.236	0.536	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:11	MW
7440-38-2	Arsenic	ND		mg/kg dry	0.364	1.07	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:11	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.107	0.107	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:11	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.107	0.536	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:11	MW
7440-47-3	Chromium	**8.65**		mg/kg dry	0.129	0.536	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:11	MW
7440-50-8	Copper	**7.40**		mg/kg dry	0.129	0.536	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:11	MW
7439-92-1	Lead	**7.93**		mg/kg dry	0.182	0.321	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:11	MW
7440-02-0	Nickel	**2.12**		mg/kg dry	0.139	0.536	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:11	MW
7782-49-2	Selenium	ND		mg/kg dry	0.536	0.536	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:11	MW
7440-22-4	Silver	ND		mg/kg dry	0.107	0.536	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:11	MW
7440-28-0	Thallium	ND		mg/kg dry	0.343	0.536	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:11	MW
7440-66-6	Zinc	**34.0**		mg/kg dry	0.096	0.536	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:11	MW

Sample Information

Client Sample ID: DW-3 @ 17' **York Sample ID:** 13F0697-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Soil	June 18, 2013 10:30 am	06/20/2013

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	**0.0299**		mg/kg dry	0.000418	0.000418	1	EPA SW846-7473	06/24/2013 19:13	06/25/2013 07:22	AAKBA

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	**93.4**		%	0.100	0.100	1	SM 2540G	06/21/2013 13:04	06/21/2013 15:46	BGS

Sample Information

Client Sample ID: DW-DUP **York Sample ID:** 13F0697-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Soil	June 18, 2013 3:00 pm	06/20/2013

Semi-Volatiles, 8270 Base/Neutrals

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	658	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	872	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
62-53-3	Aniline	ND		ug/kg dry	1040	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
120-12-7	Anthracene	ND		ug/kg dry	992	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	679	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	719	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	1520	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	603	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	1820	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	1000	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	876	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	1220	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	472	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	625	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	927	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	639	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	1250	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	981	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR

Sample Information

Client Sample ID: DW-DUP

York Sample ID: 13F0697-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Soil	June 18, 2013 3:00 pm	06/20/2013

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	1060	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
218-01-9	Chrysene	ND		ug/kg dry	836	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	730	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	847	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	738	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1190	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1120	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	574	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	952	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	1140	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	810	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	934	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	803	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	1820	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
206-44-0	Fluoranthene	ND		ug/kg dry	1060	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
86-73-7	Fluorene	ND		ug/kg dry	872	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	1070	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	614	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	1350	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	520	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	828	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
78-59-1	Isophorone	ND		ug/kg dry	625	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	1400	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
91-20-3	Naphthalene	ND		ug/kg dry	447	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	1810	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	752	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	534	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	607	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	745	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	821	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
85-01-8	Phenanthrene	ND		ug/kg dry	948	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
129-00-0	Pyrene	ND		ug/kg dry	741	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR

Sample Information

Client Sample ID: DW-DUP

York Sample ID: 13F0697-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Soil	June 18, 2013 3:00 pm	06/20/2013

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-86-1	Pyridine	ND		ug/kg dry	1280	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	658	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
86-74-8	Carbazole	ND		ug/kg dry	1260	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR

	Surrogate Recoveries	Result	Acceptance Range
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*68.3 %*	*30-130*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*53.7 %*	*30-130*
1718-51-0	*Surrogate: Terphenyl-d14*	*80.0 %*	*30-130*

Metals, Priority Pollutant

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	**0.810**		mg/kg dry	0.240	0.545	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:28	MW
7440-38-2	Arsenic	ND		mg/kg dry	0.371	1.09	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:28	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.109	0.109	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:28	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.109	0.545	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:28	MW
7440-47-3	Chromium	**10.0**		mg/kg dry	0.131	0.545	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:28	MW
7440-50-8	Copper	**7.76**		mg/kg dry	0.131	0.545	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:28	MW
7439-92-1	Lead	**8.64**		mg/kg dry	0.185	0.327	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:28	MW
7440-02-0	Nickel	**2.41**		mg/kg dry	0.142	0.545	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:28	MW
7782-49-2	Selenium	ND		mg/kg dry	0.545	0.545	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:28	MW
7440-22-4	Silver	ND		mg/kg dry	0.109	0.545	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:28	MW
7440-28-0	Thallium	ND		mg/kg dry	0.349	0.545	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:28	MW
7440-66-6	Zinc	**35.1**		mg/kg dry	0.098	0.545	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:28	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	**0.0177**		mg/kg dry	0.000425	0.000425	1	EPA SW846-7473	06/24/2013 19:13	06/25/2013 07:31	AAKBA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	**91.7**		%	0.100	0.100	1	SM 2540G	06/21/2013 13:04	06/21/2013 15:46	BGS

Sample Information

Client Sample ID: GW-2 GW

York Sample ID: 13F0697-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 9:20 am	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
67-64-1	Acetone	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS

Sample Information

Client Sample ID: GW-2 GW

York Sample ID: 13F0697-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 9:20 am	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
127-18-4	Tetrachloroethylene	**220**		ug/L	5.0	10	2	EPA SW846-8260B	06/24/2013 23:50	06/27/2013 13:47	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
79-01-6	Trichloroethylene	**11**		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS

Sample Information

Client Sample ID: GW-2 GW **York Sample ID:** 13F0697-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 9:20 am	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.2 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.3 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*96.5 %*	*81.2-127*

Sample Information

Client Sample ID: MW-20-3 **York Sample ID:** 13F0697-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 12:00 pm	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS

Sample Information

Client Sample ID: MW-20-3 **York Sample ID:** 13F0697-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 12:00 pm	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
67-64-1	Acetone	**3.6**	J, B	ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
156-59-2	cis-1,2-Dichloroethylene	**3.9**	J	ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS

Sample Information

Client Sample ID: MW-20-3 **York Sample ID:** 13F0697-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 12:00 pm	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
127-18-4	Tetrachloroethylene	**11**		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*98.9 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*126 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*81.2-127*

Sample Information

Client Sample ID: MW-20-4 **York Sample ID:** 13F0697-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 1:10 pm	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS

Sample Information

Client Sample ID: MW-20-4 **York Sample ID:** 13F0697-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 1:10 pm	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
67-64-1	Acetone	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
156-59-2	cis-1,2-Dichloroethylene	**7.3**		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS

Sample Information

Client Sample ID: MW-20-4 **York Sample ID:** 13F0697-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 1:10 pm	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
127-18-4	Tetrachloroethylene	**200**		ug/L	5.0	10	2	EPA SW846-8260B	06/24/2013 23:50	06/27/2013 15:11	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
79-01-6	Trichloroethylene	**5.3**		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*100 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*96.7 %*	*81.2-127*

Sample Information

Client Sample ID: MW-20-7 **York Sample ID:** 13F0697-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 4:30 pm	06/20/2013

Volatile Organics, 8260 List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 11	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
67-64-1	Acetone	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS

Sample Information

Client Sample ID: MW-20-7 **York Sample ID:** 13F0697-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 4:30 pm	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
127-18-4	Tetrachloroethylene	**18**		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS

Sample Information

Client Sample ID: **MW-20-7** **York Sample ID:** **13F0697-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 4:30 pm	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.4 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*81.2-127*

Sample Information

Client Sample ID: **MW-20-8** **York Sample ID:** **13F0697-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 12:59 pm	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS

Sample Information

Client Sample ID: MW-20-8 **York Sample ID:** 13F0697-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 12:59 pm	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
67-64-1	Acetone	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
156-59-2	cis-1,2-Dichloroethylene	**3.8**	J	ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS

Sample Information

Client Sample ID: MW-20-8 **York Sample ID:** 13F0697-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 12:59 pm	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
127-18-4	Tetrachloroethylene	**140**		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
79-01-6	Trichloroethylene	**11**		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*101 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*95.9 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*96.6 %*	*81.2-127*

Sample Information

Client Sample ID: MW-1S **York Sample ID:** 13F0697-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 3:00 pm	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS

Sample Information

Client Sample ID: MW-1S

York Sample ID: 13F0697-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 3:00 pm	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
67-64-1	Acetone	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
156-59-2	cis-1,2-Dichloroethylene	**13**		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS

Sample Information

Client Sample ID: **MW-1S** **York Sample ID:** **13F0697-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 3:00 pm	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
127-18-4	Tetrachloroethylene	**540**		ug/L	25	50	10	EPA SW846-8260B	06/24/2013 23:50	06/27/2013 15:53	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
79-01-6	Trichloroethylene	**12**		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*101 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.1 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*94.7 %*	*81.2-127*

Sample Information

Client Sample ID: MW-1D

York Sample ID: 13F0697-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 3:30 pm	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
79-00-5	1,1,2-Trichloroethane	**4.9**	J	ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
67-64-1	Acetone	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS

Sample Information

Client Sample ID: MW-1D

York Sample ID: 13F0697-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 3:30 pm	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
127-18-4	Tetrachloroethylene	**190**		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS

Sample Information

Client Sample ID: **MW-1D** **York Sample ID:** **13F0697-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 3:30 pm	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*101 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*100 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*96.6 %*	*81.2-127*

Sample Information

Client Sample ID: **MW-2S** **York Sample ID:** **13F0697-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 2:00 pm	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS

Sample Information

Client Sample ID: **MW-2S** | **York Sample ID:** **13F0697-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 2:00 pm	06/20/2013

Volatile Organics, 8260 List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
67-64-1	Acetone	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
156-59-2	cis-1,2-Dichloroethylene	**12**		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS

Sample Information

Client Sample ID: MW-2S **York Sample ID:** 13F0697-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 2:00 pm	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
127-18-4	Tetrachloroethylene	**410**		ug/L	12	25	5	EPA SW846-8260B	06/24/2013 23:50	06/27/2013 16:34	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
79-01-6	Trichloroethylene	**7.5**		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.4 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*92.3 %*	*81.2-127*

Sample Information

Client Sample ID: MW-2D **York Sample ID:** 13F0697-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 2:30 pm	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS

Sample Information

Client Sample ID: MW-2D

York Sample ID: 13F0697-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 2:30 pm	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
67-64-1	Acetone	**3.6**	J, B	ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS

Sample Information

Client Sample ID: MW-2D

York Sample ID: 13F0697-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 2:30 pm	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
127-18-4	Tetrachloroethylene	**19**		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.8 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*124 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*81.2-127*

Sample Information

Client Sample ID: **Equipment Blank** **York Sample ID:** **13F0697-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 8:30 am	06/20/2013

Volatile Organics, 8260 List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 11:	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
78-93-3	2-Butanone	**4.4**	J	ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
67-64-1	Acetone	**3.9**	J	ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS

Sample Information

Client Sample ID: **Equipment Blank** **York Sample ID:** **13F0697-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 8:30 am	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS

Sample Information

Client Sample ID: **Equipment Blank** **York Sample ID:** **13F0697-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 8:30 am	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*103 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*104 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*97.2 %*	*81.2-127*

Sample Information

Client Sample ID: **TripBlank** **York Sample ID:** **13F0697-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 3:00 pm	06/20/2013

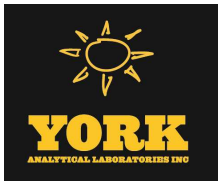
Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS



Sample Information

Client Sample ID: **TripBlank** **York Sample ID:** **13F0697-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 3:00 pm	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
67-64-1	Acetone	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS

Sample Information

Client Sample ID: **TripBlank** **York Sample ID:** **13F0697-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 3:00 pm	06/20/2013

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*97.3 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.1 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*97.2 %*	*81.2-127*

Sample Information

Client Sample ID: **Rinsate Blank** **York Sample ID:** **13F0697-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 8:30 am	06/20/2013

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS

Sample Information

Client Sample ID: **Rinsate Blank** **York Sample ID:** **13F0697-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 8:30 am	06/20/2013

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
78-93-3	2-Butanone	**3.9**	J	ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
67-64-1	Acetone	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS

Sample Information

Client Sample ID: **Rinsate Blank** **York Sample ID:** **13F0697-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 8:30 am	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*96.6 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.2 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*94.2 %*	*81.2-127*

Sample Information

Client Sample ID: GW-DUP

York Sample ID: 13F0697-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 3:00 pm	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
67-64-1	Acetone	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS

Sample Information

Client Sample ID: GW-DUP

York Sample ID: 13F0697-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 3:00 pm	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
156-59-2	cis-1,2-Dichloroethylene	**4.4**	J	ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
127-18-4	Tetrachloroethylene	**150**		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
79-01-6	Trichloroethylene	**11**		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS

Sample Information

Client Sample ID: GW-DUP **York Sample ID:** 13F0697-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 3:00 pm	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*101 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.1 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*96.4 %*	*81.2-127*

Analytical Batch Summary

Batch ID: BF31001 **Preparation Method:** % Solids Prep **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
13F0697-01	DW-1 @ 11.5'	06/21/13
13F0697-03	DW-2 @ 14'	06/21/13
13F0697-05	DW-3 @ 17'	06/21/13
13F0697-06	DW-DUP	06/21/13

Batch ID: BF31002 **Preparation Method:** EPA 3550B **Prepared By:** SA

YORK Sample ID	Client Sample ID	Preparation Date
13F0697-01	DW-1 @ 11.5'	06/21/13
13F0697-03	DW-2 @ 14'	06/21/13
13F0697-05	DW-3 @ 17'	06/21/13
13F0697-06	DW-DUP	06/21/13
BF31002-BLK1	Blank	06/21/13
BF31002-BS1	LCS	06/21/13
BF31002-BSD1	LCS Dup	06/21/13
BF31002-MS1	Matrix Spike	06/21/13

Batch ID: BF31056 **Preparation Method:** EPA 5035A **Prepared By:** KH

YORK Sample ID	Client Sample ID	Preparation Date
13F0697-02	DW-1 @ 16.5'	06/24/13
13F0697-04	DW-2 @ 16.5'	06/24/13
BF31056-BLK1	Blank	06/24/13
BF31056-BS1	LCS	06/24/13
BF31056-BSD1	LCS Dup	06/24/13

Batch ID: BF31080 **Preparation Method:** EPA 3050B **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
13F0697-01	DW-1 @ 11.5'	06/24/13
13F0697-03	DW-2 @ 14'	06/24/13
13F0697-05	DW-3 @ 17'	06/24/13
13F0697-06	DW-DUP	06/24/13
BF31080-BLK1	Blank	06/24/13
BF31080-DUP1	Duplicate	06/24/13
BF31080-MS1	Matrix Spike	06/24/13
BF31080-SRM1	Reference	06/24/13

Batch ID: BF31086 **Preparation Method:** EPA 7473 soil **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
13F0697-01	DW-1 @ 11.5'	06/24/13
13F0697-03	DW-2 @ 14'	06/24/13

13F0697-05	DW-3 @ 17'	06/24/13
13F0697-06	DW-DUP	06/24/13
BF31086-BLK1	Blank	06/24/13
BF31086-DUP1	Duplicate	06/24/13
BF31086-MS1	Matrix Spike	06/24/13
BF31086-SRM1	Reference	06/24/13

Batch ID: BF31189 **Preparation Method:** EPA 5030B **Prepared By:** EKM

YORK Sample ID	Client Sample ID	Preparation Date
13F0697-07	GW-2 GW	06/24/13
13F0697-09	MW-20-4	06/24/13
13F0697-10	MW-20-7	06/24/13
13F0697-11	MW-20-8	06/24/13
13F0697-12	MW-1S	06/24/13
13F0697-13	MW-1D	06/24/13
13F0697-14	MW-2S	06/24/13
13F0697-16	Equipment Blank	06/24/13
13F0697-17	TripBlank	06/24/13
13F0697-18	Rinsate Blank	06/24/13
13F0697-19	GW-DUP	06/24/13
BF31189-BLK1	Blank	06/25/13
BF31189-BS1	LCS	06/25/13
BF31189-BSD1	LCS Dup	06/25/13
BF31189-MS1	Matrix Spike	06/25/13
BF31189-MSD1	Matrix Spike Dup	06/25/13

Batch ID: BF31193 **Preparation Method:** % Solids Prep **Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date
13F0697-02	DW-1 @ 16.5'	06/25/13
13F0697-04	DW-2 @ 16.5'	06/25/13

Batch ID: BF31328 **Preparation Method:** EPA 5030B **Prepared By:** KH

YORK Sample ID	Client Sample ID	Preparation Date
13F0697-07RE1	GW-2 GW	06/27/13
13F0697-08	MW-20-3	06/27/13
13F0697-09RE1	MW-20-4	06/27/13
13F0697-12RE1	MW-1S	06/27/13
13F0697-14RE1	MW-2S	06/27/13
13F0697-15	MW-2D	06/27/13
BF31328-BLK1	Blank	06/27/13
BF31328-BS1	LCS	06/27/13
BF31328-BSD1	LCS Dup	06/27/13

Volatile Organic Compounds by EPA SW846-8260B - 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 BF31056 - EPA 5035A											
Blank (BF31056-BLK1)											
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	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	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	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Acetone	3.8	10	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	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	"								
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 tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	10	"								
Naphthalene	2.6	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								

Prepared & Analyzed: 06/24/2013

Volatile Organic Compounds by EPA SW846-8260B - 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 BF31056 - EPA 5035A											
Blank (BF31056-BLK1)									Prepared & Analyzed: 06/24/2013		
o-Xylene	ND	5.0	ug/kg wet								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
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	"								
Vinyl acetate	ND	5.0	"								
Surrogate: 1,2-Dichloroethane-d4	*53.1*		*ug/L*	*50.0*		*106*	*73-130*				
Surrogate: p-Bromofluorobenzene	*49.1*		*"*	*50.0*		*98.2*	*72-127*				
Surrogate: Toluene-d8	*48.9*		*"*	*50.0*		*97.9*	*84-117*				
LCS (BF31056-BS1)									Prepared & Analyzed: 06/24/2013		
1,1,1,2-Tetrachloroethane	49		ug/L	50.0		97.8	72-132				
1,1,1-Trichloroethane	50		"	50.0		99.1	77-131				
1,1,2,2-Tetrachloroethane	48		"	50.0		96.3	68-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49		"	50.0		97.3	75-143				
1,1,2-Trichloroethane	49		"	50.0		97.1	72-128				
1,1-Dichloroethane	49		"	50.0		97.3	78-133				
1,1-Dichloroethylene	46		"	50.0		92.1	71-142				
1,1-Dichloropropylene	47		"	50.0		93.1	77-124				
1,2,3-Trichlorobenzene	51		"	50.0		101	65-134				
1,2,3-Trichloropropane	46		"	50.0		91.5	65-127				
1,2,4-Trichlorobenzene	49		"	50.0		98.0	59-133				
1,2,4-Trimethylbenzene	46		"	50.0		92.1	68-128				
1,2-Dibromo-3-chloropropane	54		"	50.0		108	58-145				
1,2-Dibromoethane	50		"	50.0		99.9	73-128				
1,2-Dichlorobenzene	47		"	50.0		94.1	69-126				
1,2-Dichloroethane	51		"	50.0		103	78-131				
1,2-Dichloropropane	49		"	50.0		98.2	72-129				
1,3,5-Trimethylbenzene	46		"	50.0		91.8	67-125				
1,3-Dichlorobenzene	45		"	50.0		90.7	67-125				
1,3-Dichloropropane	48		"	50.0		96.2	73-126				
1,4-Dichlorobenzene	45		"	50.0		90.7	67-127				
1,4-Dioxane	96		"	50.0		193	10-265				
2,2-Dichloropropane	49		"	50.0		97.8	68-133				
2-Butanone	50		"	50.0		99.0	49-138				
2-Chlorotoluene	45		"	50.0		89.5	61-121				
4-Chlorotoluene	46		"	50.0		92.1	65-126				
Acetone	37		"	50.0		73.3	21-131				
Benzene	47		"	50.0		94.6	81-125				
Bromobenzene	46		"	50.0		92.2	65-125				
Bromochloromethane	50		"	50.0		99.6	78-127				
Bromodichloromethane	50		"	50.0		99.1	73-131				
Bromoform	51		"	50.0		102	66-137				

Volatile Organic Compounds by EPA SW846-8260B - 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 BF31056 - EPA 5035A											
LCS (BF31056-BS1)								Prepared & Analyzed: 06/24/2013			
Bromomethane	41		ug/L	50.0		82.1	55-144				
Carbon tetrachloride	49		"	50.0		97.9	74-137				
Chlorobenzene	48		"	50.0		95.3	75-127				
Chloroethane	45		"	50.0		90.5	65-138				
Chloroform	50		"	50.0		99.2	82-128				
Chloromethane	46		"	50.0		92.4	51-138				
cis-1,2-Dichloroethylene	48		"	50.0		96.7	77-130				
cis-1,3-Dichloropropylene	50		"	50.0		99.3	68-123				
Dibromochloromethane	51		"	50.0		103	73-136				
Dibromomethane	50		"	50.0		100	75-131				
Dichlorodifluoromethane	39		"	50.0		77.6	10-183				
Ethyl Benzene	48		"	50.0		96.8	75-130				
Hexachlorobutadiene	48		"	50.0		95.5	59-130				
Isopropylbenzene	45		"	50.0		90.0	68-135				
Methyl tert-butyl ether (MTBE)	51		"	50.0		101	76-136				
Methylene chloride	47		"	50.0		94.7	55-143				
Naphthalene	54		"	50.0		108	65-140				
n-Butylbenzene	44		"	50.0		88.9	63-123				
n-Propylbenzene	46		"	50.0		91.4	65-127				
o-Xylene	49		"	50.0		97.5	71-123				
p- & m- Xylenes	96		"	100		95.5	72-127				
p-Isopropyltoluene	45		"	50.0		89.6	69-128				
sec-Butylbenzene	47		"	50.0		93.7	69-125				
Styrene	50		"	50.0		100	74-127				
tert-Butylbenzene	45		"	50.0		90.8	59-164				
Tetrachloroethylene	46		"	50.0		92.9	65-151				
Toluene	47		"	50.0		93.2	72-127				
trans-1,2-Dichloroethylene	48		"	50.0		95.2	73-137				
trans-1,3-Dichloropropylene	49		"	50.0		99.0	67-131				
Trichloroethylene	45		"	50.0		90.8	73-129				
Trichlorofluoromethane	48		"	50.0		96.0	69-136				
Vinyl Chloride	43		"	50.0		86.8	58-132				
Vinyl acetate	20		"	50.0		39.7	10-84				
Surrogate: 1,2-Dichloroethane-d4	*51.6*		*"*	*50.0*		*103*	*73-130*				
Surrogate: p-Bromofluorobenzene	*48.7*		*"*	*50.0*		*97.4*	*72-127*				
Surrogate: Toluene-d8	*49.0*		*"*	*50.0*		*98.1*	*84-117*				

Volatile Organic Compounds by EPA SW846-8260B - 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 BF31056 - EPA 5035A											
LCS Dup (BF31056-BSD1)							Prepared & Analyzed: 06/24/2013				
1,1,1,2-Tetrachloroethane	49		ug/L	50.0		98.1	72-132		0.306	30	
1,1,1-Trichloroethane	50		"	50.0		101	77-131		1.78	30	
1,1,2,2-Tetrachloroethane	49		"	50.0		97.1	68-129		0.889	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51		"	50.0		102	75-143		4.83	30	
1,1,2-Trichloroethane	48		"	50.0		95.6	72-128		1.58	30	
1,1-Dichloroethane	50		"	50.0		99.4	78-133		2.05	30	
1,1-Dichloroethylene	47		"	50.0		94.8	71-142		2.91	30	
1,1-Dichloropropylene	47		"	50.0		93.9	77-124		0.770	30	
1,2,3-Trichlorobenzene	48		"	50.0		97.0	65-134		4.36	30	
1,2,3-Trichloropropane	48		"	50.0		96.3	65-127		5.09	30	
1,2,4-Trichlorobenzene	49		"	50.0		97.6	59-133		0.409	30	
1,2,4-Trimethylbenzene	48		"	50.0		95.7	68-128		3.88	30	
1,2-Dibromo-3-chloropropane	52		"	50.0		104	58-145		3.85	30	
1,2-Dibromoethane	48		"	50.0		95.2	73-128		4.80	30	
1,2-Dichlorobenzene	48		"	50.0		96.3	69-126		2.29	30	
1,2-Dichloroethane	51		"	50.0		102	78-131		1.33	30	
1,2-Dichloropropane	49		"	50.0		97.4	72-129		0.818	30	
1,3,5-Trimethylbenzene	48		"	50.0		95.9	67-125		4.43	30	
1,3-Dichlorobenzene	47		"	50.0		94.9	67-125		4.59	30	
1,3-Dichloropropane	47		"	50.0		94.8	73-126		1.49	30	
1,4-Dichlorobenzene	47		"	50.0		94.7	67-127		4.25	30	
1,4-Dioxane	84		"	50.0		168	10-265		13.8	30	
2,2-Dichloropropane	50		"	50.0		100	68-133		2.52	30	
2-Butanone	50		"	50.0		99.5	49-138		0.464	30	
2-Chlorotoluene	46		"	50.0		92.5	61-121		3.25	30	
4-Chlorotoluene	49		"	50.0		98.0	65-126		6.25	30	
Acetone	37		"	50.0		73.3	21-131		0.0545	30	
Benzene	49		"	50.0		97.4	81-125		2.92	30	
Bromobenzene	48		"	50.0		96.6	65-125		4.75	30	
Bromochloromethane	50		"	50.0		101	78-127		1.34	30	
Bromodichloromethane	50		"	50.0		101	73-131		1.54	30	
Bromoform	51		"	50.0		103	66-137		0.449	30	
Bromomethane	42		"	50.0		84.4	55-144		2.71	30	
Carbon tetrachloride	50		"	50.0		101	74-137		2.84	30	
Chlorobenzene	48		"	50.0		95.6	75-127		0.377	30	
Chloroethane	48		"	50.0		96.8	65-138		6.77	30	
Chloroform	51		"	50.0		102	82-128		2.82	30	
Chloromethane	45		"	50.0		89.8	51-138		2.83	30	
cis-1,2-Dichloroethylene	50		"	50.0		99.8	77-130		3.16	30	
cis-1,3-Dichloropropylene	51		"	50.0		102	68-123		2.29	30	
Dibromochloromethane	52		"	50.0		103	73-136		0.272	30	
Dibromomethane	49		"	50.0		97.0	75-131		3.04	30	
Dichlorodifluoromethane	38		"	50.0		76.6	10-183		1.25	30	
Ethyl Benzene	48		"	50.0		96.5	75-130		0.372	30	
Hexachlorobutadiene	49		"	50.0		97.4	59-130		1.97	30	
Isopropylbenzene	48		"	50.0		95.3	68-135		5.76	30	
Methyl tert-butyl ether (MTBE)	51		"	50.0		102	76-136		0.355	30	
Methylene chloride	47		"	50.0		94.9	55-143		0.190	30	
Naphthalene	51		"	50.0		101	65-140		6.44	30	
n-Butylbenzene	48		"	50.0		95.1	63-123		6.78	30	
n-Propylbenzene	48		"	50.0		95.3	65-127		4.11	30	

Volatile Organic Compounds by EPA SW846-8260B - 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 BF31056 - EPA 5035A											
LCS Dup (BF31056-BSD1)								Prepared & Analyzed: 06/24/2013			
o-Xylene	48		ug/L	50.0		95.3	71-123		2.34	30	
p- & m- Xylenes	96		"	100		96.4	72-127		0.969	30	
p-Isopropyltoluene	47		"	50.0		94.3	69-128		5.18	30	
sec-Butylbenzene	48		"	50.0		96.7	69-125		3.15	30	
Styrene	49		"	50.0		97.1	74-127		3.30	30	
tert-Butylbenzene	47		"	50.0		94.4	59-164		3.91	30	
Tetrachloroethylene	47		"	50.0		94.7	65-151		1.96	30	
Toluene	47		"	50.0		94.7	72-127		1.60	30	
trans-1,2-Dichloroethylene	49		"	50.0		98.2	73-137		3.14	30	
trans-1,3-Dichloropropylene	50		"	50.0		100	67-131		1.46	30	
Trichloroethylene	48		"	50.0		96.9	73-129		6.44	30	
Trichlorofluoromethane	48		"	50.0		95.9	69-136		0.146	30	
Vinyl Chloride	44		"	50.0		87.6	58-132		0.872	30	
Vinyl acetate	19		"	50.0		38.0	10-84		4.17	30	
Surrogate: 1,2-Dichloroethane-d4	*49.3*		*"*	*50.0*		*98.6*	*73-130*				
Surrogate: p-Bromofluorobenzene	*48.7*		*"*	*50.0*		*97.5*	*72-127*				
Surrogate: Toluene-d8	*48.9*		*"*	*50.0*		*97.8*	*84-117*				
Batch BF31189 - EPA 5030B											
Blank (BF31189-BLK1)								Prepared: 06/25/2013 Analyzed: 06/26/2013			
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L								
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	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	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	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Acetone	ND	5.0	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								

Volatile Organic Compounds by EPA SW846-8260B - 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 BF31189 - EPA 5030B											
Blank (BF31189-BLK1)											
Prepared: 06/25/2013 Analyzed: 06/26/2013											
Bromomethane	ND	5.0	ug/L								
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	"								
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 tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	5.0	"								
Naphthalene	3.2	5.0	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
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-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	"								
Vinyl acetate	ND	5.0	"								
Surrogate: 1,2-Dichloroethane-d4	*51.9*		*"*	*50.0*		*104*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*51.4*		*"*	*50.0*		*103*	*63.5-145*				
Surrogate: Toluene-d8	*48.3*		*"*	*50.0*		*96.6*	*81.2-127*				

Volatile Organic Compounds by EPA SW846-8260B - 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 BF31189 - EPA 5030B											
LCS (BF31189-BS1)							Prepared & Analyzed: 06/25/2013				
1,1,1,2-Tetrachloroethane	47		ug/L	50.0		94.9	82.3-130				
1,1,1-Trichloroethane	49		"	50.0		97.3	75.6-137				
1,1,2,2-Tetrachloroethane	48		"	50.0		95.6	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50		"	50.0		100	71.1-129				
1,1,2-Trichloroethane	48		"	50.0		96.5	74.5-129				
1,1-Dichloroethane	48		"	50.0		96.0	79.6-132				
1,1-Dichloroethylene	45		"	50.0		90.5	80.2-146				
1,1-Dichloropropylene	46		"	50.0		92.3	75-136				
1,2,3-Trichlorobenzene	52		"	50.0		105	66.1-136				
1,2,3-Trichloropropane	47		"	50.0		93.6	63-131				
1,2,4-Trichlorobenzene	51		"	50.0		103	70.6-136				
1,2,4-Trimethylbenzene	46		"	50.0		91.5	75.3-135				
1,2-Dibromo-3-chloropropane	53		"	50.0		106	58.9-140				
1,2-Dibromoethane	48		"	50.0		96.6	79-130				
1,2-Dichlorobenzene	48		"	50.0		95.5	76.1-122				
1,2-Dichloroethane	51		"	50.0		101	74.6-132				
1,2-Dichloropropane	50		"	50.0		100	76.9-129				
1,3,5-Trimethylbenzene	47		"	50.0		93.8	70.6-127				
1,3-Dichlorobenzene	46		"	50.0		92.5	77-124				
1,3-Dichloropropane	47		"	50.0		94.9	75.8-126				
1,4-Dichlorobenzene	47		"	50.0		93.8	76.6-125				
2,2-Dichloropropane	49		"	50.0		97.3	69-133				
2-Butanone	51		"	50.0		102	70-130				
2-Chlorotoluene	44		"	50.0		87.6	66.3-119				
4-Chlorotoluene	47		"	50.0		93.3	69.2-127				
Acetone	35		"	50.0		70.8	70-130				
Benzene	47		"	50.0		94.6	76.2-129				
Bromobenzene	46		"	50.0		92.5	71.3-123				
Bromochloromethane	50		"	50.0		99.1	70.8-137				
Bromodichloromethane	51		"	50.0		101	79.7-134				
Bromoform	48		"	50.0		96.2	70.5-141				
Bromomethane	40		"	50.0		80.5	43.9-147				
Carbon tetrachloride	48		"	50.0		96.7	78.1-138				
Chlorobenzene	47		"	50.0		93.8	80.4-125				
Chloroethane	46		"	50.0		91.4	55.8-140				
Chloroform	48		"	50.0		97.0	76.6-133				
Chloromethane	43		"	50.0		87.0	48.8-115				
cis-1,2-Dichloroethylene	48		"	50.0		96.9	75.1-128				
cis-1,3-Dichloropropylene	50		"	50.0		99.2	74.5-128				
Dibromochloromethane	49		"	50.0		98.5	79.8-134				
Dibromomethane	51		"	50.0		102	79-130				
Dichlorodifluoromethane	36		"	50.0		72.5	47.1-101				
Ethyl Benzene	48		"	50.0		95.2	80.8-128				
Hexachlorobutadiene	50		"	50.0		100	64.8-128				
Isopropylbenzene	45		"	50.0		90.1	75.5-135				
Methyl tert-butyl ether (MTBE)	50		"	50.0		101	65.1-140				
Methylene chloride	47		"	50.0		93.5	61.3-120				
Naphthalene	54		"	50.0		107	62.3-148				
n-Butylbenzene	45		"	50.0		90.0	67.2-123				
n-Propylbenzene	46		"	50.0		92.1	70.5-127				
o-Xylene	46		"	50.0		92.6	75.9-122				

Volatile Organic Compounds by EPA SW846-8260B - 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 BF31189 - EPA 5030B

LCS (BF31189-BS1) — Prepared & Analyzed: 06/25/2013

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
p- & m- Xylenes	92		ug/L	100		92.3	77.7-127				
p-Isopropyltoluene	46		"	50.0		91.2	75.6-129				
sec-Butylbenzene	45		"	50.0		90.2	71.5-125				
Styrene	47		"	50.0		95.0	77.8-123				
tert-Butylbenzene	45		"	50.0		89.9	75.9-151				
Tetrachloroethylene	46		"	50.0		91.9	63.6-167				
Toluene	47		"	50.0		93.7	77-123				
trans-1,2-Dichloroethylene	47		"	50.0		93.4	76.3-139				
trans-1,3-Dichloropropylene	50		"	50.0		101	72.5-137				
Trichloroethylene	47		"	50.0		94.3	77.9-130				
Trichlorofluoromethane	47		"	50.0		94.9	57.4-133				
Vinyl Chloride	44		"	50.0		87.1	54.9-124				
Vinyl acetate	19		"	50.0		37.6	70-130	Low Bias			
Surrogate: 1,2-Dichloroethane-d4	*51.2*		*"*	*50.0*		*102*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*49.3*		*"*	*50.0*		*98.5*	*63.5-145*				
Surrogate: Toluene-d8	*49.4*		*"*	*50.0*		*98.8*	*81.2-127*				

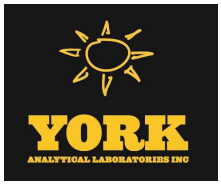
LCS Dup (BF31189-BSD1) — Prepared: 06/25/2013 Analyzed: 06/26/2013

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	46		ug/L	50.0		91.9	82.3-130		3.17	21.1	
1,1,1-Trichloroethane	49		"	50.0		97.8	75.6-137		0.595	19.7	
1,1,2,2-Tetrachloroethane	46		"	50.0		91.4	71.3-131		4.49	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	48		"	50.0		96.4	71.1-129		4.08	21.7	
1,1,2-Trichloroethane	47		"	50.0		93.1	74.5-129		3.59	20.3	
1,1-Dichloroethane	48		"	50.0		95.4	79.6-132		0.606	20.6	
1,1-Dichloroethylene	45		"	50.0		90.3	80.2-146		0.155	20	
1,1-Dichloropropylene	46		"	50.0		92.8	75-136		0.540	19.3	
1,2,3-Trichlorobenzene	51		"	50.0		102	66.1-136		2.63	21.6	
1,2,3-Trichloropropane	45		"	50.0		90.4	63-131		3.46	23.9	
1,2,4-Trichlorobenzene	49		"	50.0		98.0	70.6-136		4.53	21.7	
1,2,4-Trimethylbenzene	45		"	50.0		90.9	75.3-135		0.680	18.8	
1,2-Dibromo-3-chloropropane	47		"	50.0		94.2	58.9-140		11.6	27.7	
1,2-Dibromoethane	47		"	50.0		94.1	79-130		2.66	23	
1,2-Dichlorobenzene	46		"	50.0		92.6	76.1-122		3.02	19.8	
1,2-Dichloroethane	49		"	50.0		97.6	74.6-132		3.76	20.2	
1,2-Dichloropropane	47		"	50.0		94.7	76.9-129		5.56	20.7	
1,3,5-Trimethylbenzene	45		"	50.0		90.3	70.6-127		3.80	18.9	
1,3-Dichlorobenzene	46		"	50.0		92.1	77-124		0.368	19.2	
1,3-Dichloropropane	47		"	50.0		93.2	75.8-126		1.76	22.1	
1,4-Dichlorobenzene	46		"	50.0		92.4	76.6-125		1.50	18.6	
2,2-Dichloropropane	48		"	50.0		95.2	69-133		2.18	19.8	
2-Butanone	49		"	50.0		97.6	70-130		4.35	30	
2-Chlorotoluene	44		"	50.0		88.7	66.3-119		1.25	21.6	
4-Chlorotoluene	46		"	50.0		92.6	69.2-127		0.710	19	
Acetone	32		"	50.0		64.6	70-130	Low Bias	9.13	30	
Benzene	48		"	50.0		95.0	76.2-129		0.443	19	
Bromobenzene	46		"	50.0		91.7	71.3-123		0.890	20.3	
Bromochloromethane	48		"	50.0		96.9	70.8-137		2.18	23.9	
Bromodichloromethane	47		"	50.0		94.9	79.7-134		6.24	21	
Bromoform	46		"	50.0		92.0	70.5-141		4.50	21.8	
Bromomethane	43		"	50.0		86.9	43.9-147		7.62	28.4	
Carbon tetrachloride	47		"	50.0		94.9	78.1-138		1.86	20.1	
Chlorobenzene	47		"	50.0		93.1	80.4-125		0.728	19.9	

Volatile Organic Compounds by EPA SW846-8260B - 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 BF31189 - EPA 5030B											
LCS Dup (BF31189-BSD1)									Prepared: 06/25/2013 Analyzed: 06/26/2013		
Chloroethane	46		ug/L	50.0		92.4	55.8-140		1.04	23.3	
Chloroform	48		"	50.0		96.2	76.6-133		0.828	20.3	
Chloromethane	45		"	50.0		90.1	48.8-115		3.55	24.5	
cis-1,2-Dichloroethylene	48		"	50.0		96.3	75.1-128		0.621	20.5	
cis-1,3-Dichloropropylene	48		"	50.0		95.2	74.5-128		4.18	19.9	
Dibromochloromethane	48		"	50.0		96.3	79.8-134		2.34	21.3	
Dibromomethane	48		"	50.0		95.1	79-130		7.12	22.4	
Dichlorodifluoromethane	38		"	50.0		75.3	47.1-101		3.87	23.9	
Ethyl Benzene	47		"	50.0		95.0	80.8-128		0.231	19.2	
Hexachlorobutadiene	50		"	50.0		100	64.8-128		0.219	20.6	
Isopropylbenzene	44		"	50.0		88.5	75.5-135		1.77	20	
Methyl tert-butyl ether (MTBE)	49		"	50.0		97.3	65.1-140		3.65	23.6	
Methylene chloride	45		"	50.0		90.7	61.3-120		3.08	20.4	
Naphthalene	50		"	50.0		101	62.3-148		6.22	27.1	
n-Butylbenzene	45		"	50.0		89.2	67.2-123		0.960	19.1	
n-Propylbenzene	45		"	50.0		89.9	70.5-127		2.40	23.4	
o-Xylene	47		"	50.0		93.5	75.9-122		1.01	19.3	
p- & m- Xylenes	92		"	100		92.2	77.7-127		0.130	18.6	
p-Isopropyltoluene	45		"	50.0		91.0	75.6-129		0.285	19.1	
sec-Butylbenzene	45		"	50.0		90.7	71.5-125		0.487	18.9	
Styrene	48		"	50.0		95.7	77.8-123		0.734	20.9	
tert-Butylbenzene	45		"	50.0		90.6	75.9-151		0.798	20.9	
Tetrachloroethylene	47		"	50.0		93.1	63.6-167		1.36	27.7	
Toluene	45		"	50.0		90.1	77-123		3.92	18.7	
trans-1,2-Dichloroethylene	46		"	50.0		92.4	76.3-139		1.14	19.5	
trans-1,3-Dichloropropylene	47		"	50.0		94.6	72.5-137		6.55	19.3	
Trichloroethylene	45		"	50.0		89.3	77.9-130		5.40	20.5	
Trichlorofluoromethane	47		"	50.0		93.3	57.4-133		1.68	21.4	
Vinyl Chloride	42		"	50.0		84.4	54.9-124		3.15	22.3	
Vinyl acetate	18		"	50.0		36.8	70-130	Low Bias	2.15	30	
Surrogate: 1,2-Dichloroethane-d4	*49.5*		*"*	*50.0*		*98.9*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*49.3*		*"*	*50.0*		*98.6*	*63.5-145*				
Surrogate: Toluene-d8	*48.9*		*"*	*50.0*		*97.8*	*81.2-127*				



Volatile Organic Compounds by EPA SW846-8260B - 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 BF31189 - EPA 5030B											
Matrix Spike (BF31189-MS1)	*Source sample: 13F0697-18 (Rinsate Blank)								Prepared: 06/25/2013 Analyzed: 06/26/2013		
1,1,1,2-Tetrachloroethane	51		ug/L	50.0	ND	103	82-138				
1,1,1-Trichloroethane	52		"	50.0	ND	104	85.7-133				
1,1,2,2-Tetrachloroethane	49		"	50.0	ND	97.9	78.6-136				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51		"	50.0	ND	102	74.8-131				
1,1,2-Trichloroethane	50		"	50.0	ND	101	82.5-129				
1,1-Dichloroethane	51		"	50.0	ND	102	81.4-137				
1,1-Dichloroethylene	48		"	50.0	ND	95.4	90-138				
1,1-Dichloropropylene	49		"	50.0	ND	97.2	91.7-131				
1,2,3-Trichlorobenzene	58		"	50.0	ND	117	75.9-130				
1,2,3-Trichloropropane	46		"	50.0	ND	92.0	77.1-140				
1,2,4-Trichlorobenzene	54		"	50.0	ND	109	69.8-135				
1,2,4-Trimethylbenzene	47		"	50.0	ND	94.7	79.4-131				
1,2-Dibromo-3-chloropropane	56		"	50.0	ND	113	66.6-143				
1,2-Dibromoethane	51		"	50.0	ND	101	79.8-136				
1,2-Dichlorobenzene	49		"	50.0	ND	97.5	79.9-130				
1,2-Dichloroethane	51		"	50.0	ND	102	85-133				
1,2-Dichloropropane	50		"	50.0	ND	100	81.1-132				
1,3,5-Trimethylbenzene	47		"	50.0	ND	93.7	76.1-121				
1,3-Dichlorobenzene	47		"	50.0	ND	94.2	79.1-124				
1,3-Dichloropropane	50		"	50.0	ND	99.3	83.3-130				
1,4-Dichlorobenzene	47		"	50.0	ND	93.5	79.4-128				
2,2-Dichloropropane	48		"	50.0	ND	96.3	54.2-126				
2-Butanone	59		"	50.0	3.9	110	70-130				
2-Chlorotoluene	45		"	50.0	ND	89.4	60.2-144				
4-Chlorotoluene	47		"	50.0	ND	94.0	79.8-128				
Acetone	40		"	50.0	ND	80.9	70-130				
Benzene	50		"	50.0	ND	99.9	74.1-134				
Bromobenzene	48		"	50.0	ND	95.2	76.6-125				
Bromochloromethane	53		"	50.0	ND	106	85-133				
Bromodichloromethane	51		"	50.0	ND	102	80.8-143				
Bromoform	50		"	50.0	ND	100	65.8-164				
Bromomethane	37		"	50.0	ND	74.5	68.7-112				
Carbon tetrachloride	52		"	50.0	ND	103	85.7-138				
Chlorobenzene	49		"	50.0	ND	97.5	79.9-129				
Chloroethane	55		"	50.0	ND	110	74.7-127				
Chloroform	52		"	50.0	ND	104	50.6-145				
Chloromethane	43		"	50.0	ND	87.0	64-111				
cis-1,2-Dichloroethylene	52		"	50.0	ND	105	75.5-129				
cis-1,3-Dichloropropylene	50		"	50.0	ND	99.7	74.3-128				
Dibromochloromethane	53		"	50.0	ND	106	76.8-150				
Dibromomethane	51		"	50.0	ND	102	83.3-140				
Dichlorodifluoromethane	37		"	50.0	ND	74.2	51-100				
Ethyl Benzene	49		"	50.0	ND	98.2	82.9-127				
Hexachlorobutadiene	51		"	50.0	ND	102	73-128				
Isopropylbenzene	45		"	50.0	ND	89.0	78.7-131				
Methyl tert-butyl ether (MTBE)	53		"	50.0	ND	105	81.2-134				
Methylene chloride	48		"	50.0	ND	95.6	57.8-103				
Naphthalene	60		"	50.0	ND	120	80.1-122				
n-Butylbenzene	46		"	50.0	ND	93.0	72.4-120				
n-Propylbenzene	45		"	50.0	ND	90.1	74-130				
o-Xylene	50		"	50.0	ND	99.8	78.8-122				

Volatile Organic Compounds by EPA SW846-8260B - 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 BF31189 - EPA 5030B											
Matrix Spike (BF31189-MS1)	*Source sample: 13F0697-18 (Rinsate Blank)								Prepared: 06/25/2013 Analyzed: 06/26/2013		
p- & m- Xylenes	97		ug/L	100	ND	97.1	82.5-123				
p-Isopropyltoluene	47		"	50.0	ND	93.7	64.9-132				
sec-Butylbenzene	48		"	50.0	ND	95.3	25.4-151				
Styrene	50		"	50.0	ND	99.3	74.1-134				
tert-Butylbenzene	47		"	50.0	ND	93.9	79.5-171				
Tetrachloroethylene	46		"	50.0	ND	92.8	72.5-130				
Toluene	48		"	50.0	ND	96.8	77.8-121				
trans-1,2-Dichloroethylene	49		"	50.0	ND	97.5	83.8-140				
trans-1,3-Dichloropropylene	49		"	50.0	ND	97.9	74.9-136				
Trichloroethylene	48		"	50.0	ND	95.8	84.4-125				
Trichlorofluoromethane	51		"	50.0	ND	101	78.7-127				
Vinyl Chloride	44		"	50.0	ND	88.2	72.1-116				
Vinyl acetate	18		"	50.0	ND	36.4	70-130	Low Bias			
Surrogate: 1,2-Dichloroethane-d4	*50.9*		*"*	*50.0*		*102*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*48.9*		*"*	*50.0*		*97.8*	*63.5-145*				
Surrogate: Toluene-d8	*48.1*		*"*	*50.0*		*96.1*	*81.2-127*				
Matrix Spike Dup (BF31189-MSD1)	*Source sample: 13F0697-18 (Rinsate Blank)								Prepared: 06/25/2013 Analyzed: 06/26/2013		
1,1,1,2-Tetrachloroethane	48		ug/L	50.0	ND	95.2	82-138		7.42	21.3	
1,1,1-Trichloroethane	50		"	50.0	ND	99.8	85.7-133		3.75	22.6	
1,1,2,2-Tetrachloroethane	45		"	50.0	ND	90.6	78.6-136		7.72	23.1	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51		"	50.0	ND	102	74.8-131		0.157	25.6	
1,1,2-Trichloroethane	48		"	50.0	ND	95.7	82.5-129		5.15	19.3	
1,1-Dichloroethane	48		"	50.0	ND	96.8	81.4-137		4.76	20.7	
1,1-Dichloroethylene	46		"	50.0	ND	91.6	90-138		4.02	22.9	
1,1-Dichloropropylene	47		"	50.0	ND	93.4	91.7-131		4.03	24.9	
1,2,3-Trichlorobenzene	53		"	50.0	ND	107	75.9-130		9.06	21.4	
1,2,3-Trichloropropane	42		"	50.0	ND	84.2	77.1-140		8.83	28	
1,2,4-Trichlorobenzene	50		"	50.0	ND	99.5	69.8-135		8.91	22.5	
1,2,4-Trimethylbenzene	44		"	50.0	ND	88.5	79.4-131		6.79	33.9	
1,2-Dibromo-3-chloropropane	50		"	50.0	ND	100	66.6-143		11.5	23.3	
1,2-Dibromoethane	48		"	50.0	ND	96.4	79.8-136		4.95	19.1	
1,2-Dichlorobenzene	47		"	50.0	ND	93.5	79.9-130		4.19	23.2	
1,2-Dichloroethane	51		"	50.0	ND	101	85-133		0.923	19.1	
1,2-Dichloropropane	50		"	50.0	ND	99.3	81.1-132		0.842	19.9	
1,3,5-Trimethylbenzene	44		"	50.0	ND	87.4	76.1-121		6.98	31.2	
1,3-Dichlorobenzene	45		"	50.0	ND	89.4	79.1-124		5.27	22.6	
1,3-Dichloropropane	48		"	50.0	ND	95.7	83.3-130		3.67	20.9	
1,4-Dichlorobenzene	45		"	50.0	ND	89.5	79.4-128		4.37	21	
2,2-Dichloropropane	47		"	50.0	ND	94.2	54.2-126		2.16	24.5	
2-Butanone	53		"	50.0	3.9	97.7	70-130		11.7	30	
2-Chlorotoluene	43		"	50.0	ND	86.0	60.2-144		3.86	30.8	
4-Chlorotoluene	45		"	50.0	ND	89.3	79.8-128		5.13	23.2	
Acetone	36		"	50.0	ND	72.6	70-130		10.9	30	
Benzene	48		"	50.0	ND	95.4	74.1-134		4.53	20.8	
Bromobenzene	45		"	50.0	ND	89.2	76.6-125		6.46	23	
Bromochloromethane	51		"	50.0	ND	102	85-133		3.92	18.4	
Bromodichloromethane	49		"	50.0	ND	98.5	80.8-143		2.98	18.1	
Bromoform	46		"	50.0	ND	91.5	65.8-164		9.40	27.3	
Bromomethane	33		"	50.0	ND	65.6	68.7-112	Low Bias	12.8	22.8	
Carbon tetrachloride	49		"	50.0	ND	97.2	85.7-138		6.24	25.1	
Chlorobenzene	47		"	50.0	ND	94.4	79.9-129		3.21	21	

Volatile Organic Compounds by EPA SW846-8260B - 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 BF31189 - EPA 5030B											
Matrix Spike Dup (BF31189-MSD1)	*Source sample: 13F0697-18 (Rinsate Blank)						Prepared: 06/25/2013 Analyzed: 06/26/2013				
Chloroethane	58		ug/L	50.0	ND	115	74.7-127		4.91	23.7	
Chloroform	51		"	50.0	ND	101	50.6-145		2.32	21.7	
Chloromethane	42		"	50.0	ND	84.6	64-111		2.82	21.4	
cis-1,2-Dichloroethylene	50		"	50.0	ND	100	75.5-129		4.45	20.2	
cis-1,3-Dichloropropylene	50		"	50.0	ND	99.2	74.3-128		0.583	19.8	
Dibromochloromethane	50		"	50.0	ND	99.7	76.8-150		6.58	20.8	
Dibromomethane	48		"	50.0	ND	95.1	83.3-140		6.65	20.4	
Dichlorodifluoromethane	36		"	50.0	ND	71.2	51-100		4.18	27.6	
Ethyl Benzene	49		"	50.0	ND	97.3	82.9-127		0.962	21.4	
Hexachlorobutadiene	50		"	50.0	ND	99.5	73-128		2.46	26	
Isopropylbenzene	43		"	50.0	ND	86.0	78.7-131		3.43	26.7	
Methyl tert-butyl ether (MTBE)	50		"	50.0	ND	100	81.2-134		5.20	21.2	
Methylene chloride	47		"	50.0	ND	94.9	57.8-103		0.651	21.2	
Naphthalene	55		"	50.0	ND	110	80.1-122		8.49	26.1	
n-Butylbenzene	45		"	50.0	ND	89.2	72.4-120		4.15	30.8	
n-Propylbenzene	44		"	50.0	ND	87.5	74-130		2.88	31	
o-Xylene	48		"	50.0	ND	95.6	78.8-122		4.32	21	
p- & m- Xylenes	94		"	100	ND	93.7	82.5-123		3.55	22.5	
p-Isopropyltoluene	44		"	50.0	ND	88.4	64.9-132		5.80	25.2	
sec-Butylbenzene	45		"	50.0	ND	90.6	25.4-151		5.14	25.2	
Styrene	47		"	50.0	ND	93.4	74.1-134		6.10	20	
tert-Butylbenzene	45		"	50.0	ND	90.5	79.5-171		3.69	24.8	
Tetrachloroethylene	45		"	50.0	ND	90.0	72.5-130		3.02	22.7	
Toluene	46		"	50.0	ND	92.1	77.8-121		5.02	21.5	
trans-1,2-Dichloroethylene	48		"	50.0	ND	95.1	83.8-140		2.51	20.1	
trans-1,3-Dichloropropylene	48		"	50.0	ND	95.6	74.9-136		2.32	22.5	
Trichloroethylene	46		"	50.0	ND	92.6	84.4-125		3.48	20.7	
Trichlorofluoromethane	49		"	50.0	ND	98.4	78.7-127		2.96	24.7	
Vinyl Chloride	43		"	50.0	ND	85.2	72.1-116		3.48	24.9	
Vinyl acetate	17		"	50.0	ND	34.1	70-130	Low Bias	6.53	30	
Surrogate: 1,2-Dichloroethane-d4	*50.5*		*"*	*50.0*		*101*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*48.0*		*"*	*50.0*		*95.9*	*63.5-145*				
Surrogate: Toluene-d8	*48.1*		*"*	*50.0*		*96.2*	*81.2-127*				

Volatile Organic Compounds by EPA SW846-8260B - 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 BF31328 - EPA 5030B											
Blank (BF31328-BLK1)											
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L								
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	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	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	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Acetone	5.1	5.0	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	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	"								
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 tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	5.0	"								
Naphthalene	ND	5.0	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								

Prepared & Analyzed: 06/27/2013

Volatile Organic Compounds by EPA SW846-8260B - 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 BF31328 - EPA 5030B											
Blank (BF31328-BLK1)											Prepared & Analyzed: 06/27/2013
p- & m- Xylenes	ND	10	ug/L								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
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	"								
Vinyl acetate	ND	5.0	"								
Surrogate: 1,2-Dichloroethane-d4	*50.6*		*"*	*50.0*		*101*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*57.0*		*"*	*50.0*		*114*	*63.5-145*				
Surrogate: Toluene-d8	*49.9*		*"*	*50.0*		*99.7*	*81.2-127*				
LCS (BF31328-BS1)											Prepared & Analyzed: 06/27/2013
1,1,1,2-Tetrachloroethane	52		ug/L	50.0		103	82.3-130				
1,1,1-Trichloroethane	50		"	50.0		99.1	75.6-137				
1,1,2,2-Tetrachloroethane	50		"	50.0		101	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46		"	50.0		92.0	71.1-129				
1,1,2-Trichloroethane	47		"	50.0		94.5	74.5-129				
1,1-Dichloroethane	48		"	50.0		95.6	79.6-132				
1,1-Dichloroethylene	42		"	50.0		84.5	80.2-146				
1,1-Dichloropropylene	46		"	50.0		91.2	75-136				
1,2,3-Trichlorobenzene	48		"	50.0		96.2	66.1-136				
1,2,3-Trichloropropane	51		"	50.0		102	63-131				
1,2,4-Trichlorobenzene	49		"	50.0		98.9	70.6-136				
1,2,4-Trimethylbenzene	49		"	50.0		97.3	75.3-135				
1,2-Dibromo-3-chloropropane	46		"	50.0		91.9	58.9-140				
1,2-Dibromoethane	49		"	50.0		98.5	79-130				
1,2-Dichlorobenzene	49		"	50.0		98.1	76.1-122				
1,2-Dichloroethane	49		"	50.0		97.9	74.6-132				
1,2-Dichloropropane	47		"	50.0		93.9	76.9-129				
1,3,5-Trimethylbenzene	49		"	50.0		99.0	70.6-127				
1,3-Dichlorobenzene	49		"	50.0		98.2	77-124				
1,3-Dichloropropane	47		"	50.0		94.9	75.8-126				
1,4-Dichlorobenzene	49		"	50.0		98.8	76.6-125				
2,2-Dichloropropane	49		"	50.0		98.0	69-133				
2-Butanone	45		"	50.0		89.8	70-130				
2-Chlorotoluene	47		"	50.0		93.8	66.3-119				
4-Chlorotoluene	50		"	50.0		99.1	69.2-127				
Acetone	36		"	50.0		71.0	70-130				
Benzene	50		"	50.0		99.5	76.2-129				
Bromobenzene	49		"	50.0		97.1	71.3-123				
Bromochloromethane	48		"	50.0		95.1	70.8-137				
Bromodichloromethane	49		"	50.0		98.6	79.7-134				
Bromoform	57		"	50.0		113	70.5-141				
Bromomethane	67		"	50.0		134	43.9-147				
Carbon tetrachloride	50		"	50.0		100	78.1-138				

Volatile Organic Compounds by EPA SW846-8260B - 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 BF31328 - EPA 5030B											
LCS (BF31328-BS1)							Prepared & Analyzed: 06/27/2013				
Chlorobenzene	48		ug/L	50.0		96.7	80.4-125				
Chloroethane	44		"	50.0		88.3	55.8-140				
Chloroform	49		"	50.0		97.6	76.6-133				
Chloromethane	41		"	50.0		81.3	48.8-115				
cis-1,2-Dichloroethylene	49		"	50.0		98.6	75.1-128				
cis-1,3-Dichloropropylene	52		"	50.0		104	74.5-128				
Dibromochloromethane	53		"	50.0		106	79.8-134				
Dibromomethane	50		"	50.0		99.7	79-130				
Dichlorodifluoromethane	39		"	50.0		77.2	47.1-101				
Ethyl Benzene	50		"	50.0		99.7	80.8-128				
Hexachlorobutadiene	49		"	50.0		97.9	64.8-128				
Isopropylbenzene	49		"	50.0		97.5	75.5-135				
Methyl tert-butyl ether (MTBE)	53		"	50.0		106	65.1-140				
Methylene chloride	47		"	50.0		93.7	61.3-120				
Naphthalene	44		"	50.0		88.5	62.3-148				
n-Butylbenzene	48		"	50.0		96.1	67.2-123				
n-Propylbenzene	50		"	50.0		99.1	70.5-127				
o-Xylene	47		"	50.0		94.6	75.9-122				
p- & m- Xylenes	99		"	100		98.5	77.7-127				
p-Isopropyltoluene	50		"	50.0		101	75.6-129				
sec-Butylbenzene	50		"	50.0		101	71.5-125				
Styrene	51		"	50.0		101	77.8-123				
tert-Butylbenzene	50		"	50.0		100	75.9-151				
Tetrachloroethylene	45		"	50.0		89.7	63.6-167				
Toluene	48		"	50.0		96.1	77-123				
trans-1,2-Dichloroethylene	46		"	50.0		92.1	76.3-139				
trans-1,3-Dichloropropylene	52		"	50.0		103	72.5-137				
Trichloroethylene	47		"	50.0		93.4	77.9-130				
Trichlorofluoromethane	46		"	50.0		91.6	57.4-133				
Vinyl Chloride	42		"	50.0		84.0	54.9-124				
Vinyl acetate	37		"	50.0		73.1	70-130				
Surrogate: 1,2-Dichloroethane-d4	*51.1*		*"*	*50.0*		*102*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*49.6*		*"*	*50.0*		*99.3*	*63.5-145*				
Surrogate: Toluene-d8	*48.5*		*"*	*50.0*		*97.0*	*81.2-127*				

Volatile Organic Compounds by EPA SW846-8260B - 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 BF31328 - EPA 5030B											
LCS Dup (BF31328-BSD1)							Prepared & Analyzed: 06/27/2013				
1,1,1,2-Tetrachloroethane	51		ug/L	50.0		102	82.3-130		1.60	21.1	
1,1,1-Trichloroethane	50		"	50.0		99.4	75.6-137		0.323	19.7	
1,1,2,2-Tetrachloroethane	48		"	50.0		96.8	71.3-131		3.99	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	45		"	50.0		90.4	71.1-129		1.78	21.7	
1,1,2-Trichloroethane	47		"	50.0		93.8	74.5-129		0.744	20.3	
1,1-Dichloroethane	48		"	50.0		95.8	79.6-132		0.146	20.6	
1,1-Dichloroethylene	41		"	50.0		82.5	80.2-146		2.44	20	
1,1-Dichloropropylene	46		"	50.0		91.5	75-136		0.263	19.3	
1,2,3-Trichlorobenzene	49		"	50.0		97.3	66.1-136		1.20	21.6	
1,2,3-Trichloropropane	47		"	50.0		94.4	63-131		7.36	23.9	
1,2,4-Trichlorobenzene	50		"	50.0		99.5	70.6-136		0.665	21.7	
1,2,4-Trimethylbenzene	49		"	50.0		98.9	75.3-135		1.65	18.8	
1,2-Dibromo-3-chloropropane	47		"	50.0		93.4	58.9-140		1.60	27.7	
1,2-Dibromoethane	49		"	50.0		97.5	79-130		0.959	23	
1,2-Dichlorobenzene	50		"	50.0		99.5	76.1-122		1.40	19.8	
1,2-Dichloroethane	48		"	50.0		95.4	74.6-132		2.61	20.2	
1,2-Dichloropropane	47		"	50.0		94.8	76.9-129		0.890	20.7	
1,3,5-Trimethylbenzene	50		"	50.0		100	70.6-127		1.17	18.9	
1,3-Dichlorobenzene	51		"	50.0		101	77-124		3.09	19.2	
1,3-Dichloropropane	47		"	50.0		95.0	75.8-126		0.0211	22.1	
1,4-Dichlorobenzene	50		"	50.0		101	76.6-125		1.90	18.6	
2,2-Dichloropropane	49		"	50.0		97.5	69-133		0.491	19.8	
2-Butanone	44		"	50.0		88.4	70-130		1.62	30	
2-Chlorotoluene	47		"	50.0		94.5	66.3-119		0.680	21.6	
4-Chlorotoluene	51		"	50.0		101	69.2-127		2.33	19	
Acetone	35		"	50.0		70.6	70-130		0.565	30	
Benzene	50		"	50.0		99.6	76.2-129		0.0402	19	
Bromobenzene	49		"	50.0		97.3	71.3-123		0.185	20.3	
Bromochloromethane	47		"	50.0		93.8	70.8-137		1.38	23.9	
Bromodichloromethane	48		"	50.0		95.5	79.7-134		3.21	21	
Bromoform	57		"	50.0		114	70.5-141		1.04	21.8	
Bromomethane	69		"	50.0		137	43.9-147		2.13	28.4	
Carbon tetrachloride	51		"	50.0		102	78.1-138		1.96	20.1	
Chlorobenzene	49		"	50.0		97.1	80.4-125		0.351	19.9	
Chloroethane	45		"	50.0		90.9	55.8-140		2.90	23.3	
Chloroform	48		"	50.0		95.6	76.6-133		1.99	20.3	
Chloromethane	41		"	50.0		81.3	48.8-115		0.0984	24.5	
cis-1,2-Dichloroethylene	49		"	50.0		97.2	75.1-128		1.45	20.5	
cis-1,3-Dichloropropylene	52		"	50.0		104	74.5-128		0.711	19.9	
Dibromochloromethane	53		"	50.0		106	79.8-134		0.321	21.3	
Dibromomethane	48		"	50.0		96.4	79-130		3.41	22.4	
Dichlorodifluoromethane	39		"	50.0		77.9	47.1-101		0.799	23.9	
Ethyl Benzene	50		"	50.0		100	80.8-128		0.400	19.2	
Hexachlorobutadiene	51		"	50.0		101	64.8-128		3.47	20.6	
Isopropylbenzene	50		"	50.0		99.0	75.5-135		1.53	20	
Methyl tert-butyl ether (MTBE)	52		"	50.0		103	65.1-140		2.12	23.6	
Methylene chloride	46		"	50.0		92.5	61.3-120		1.35	20.4	
Naphthalene	44		"	50.0		87.7	62.3-148		0.954	27.1	
n-Butylbenzene	49		"	50.0		98.6	67.2-123		2.61	19.1	
n-Propylbenzene	51		"	50.0		101	70.5-127		2.20	23.4	
o-Xylene	47		"	50.0		94.9	75.9-122		0.295	19.3	

Volatile Organic Compounds by EPA SW846-8260B - 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 BF31328 - EPA 5030B											
LCS Dup (BF31328-BSD1)								Prepared & Analyzed: 06/27/2013			
p- & m- Xylenes	99		ug/L	100		99.0	77.7-127		0.466	18.6	
p-Isopropyltoluene	52		"	50.0		103	75.6-129		2.43	19.1	
sec-Butylbenzene	51		"	50.0		103	71.5-125		1.88	18.9	
Styrene	51		"	50.0		101	77.8-123		0.316	20.9	
tert-Butylbenzene	51		"	50.0		102	75.9-151		1.21	20.9	
Tetrachloroethylene	45		"	50.0		91.0	63.6-167		1.46	27.7	
Toluene	48		"	50.0		96.7	77-123		0.685	18.7	
trans-1,2-Dichloroethylene	47		"	50.0		93.2	76.3-139		1.23	19.5	
trans-1,3-Dichloropropylene	51		"	50.0		103	72.5-137		0.758	19.3	
Trichloroethylene	47		"	50.0		93.4	77.9-130		0.0214	20.5	
Trichlorofluoromethane	46		"	50.0		91.1	57.4-133		0.482	21.4	
Vinyl Chloride	42		"	50.0		84.6	54.9-124		0.617	22.3	
Vinyl acetate	35		"	50.0		70.9	70-130		3.03	30	
Surrogate: 1,2-Dichloroethane-d4	*49.0*		*"*	*50.0*		*98.1*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*50.8*		*"*	*50.0*		*102*	*63.5-145*				
Surrogate: Toluene-d8	*48.7*		*"*	*50.0*		*97.3*	*81.2-127*				

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control Data

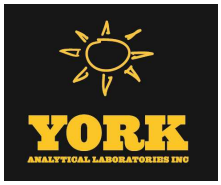
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF31002 - EPA 3550B											
Blank (BF31002-BLK1)											
Prepared: 06/21/2013 Analyzed: 06/25/2013											
Acenaphthene	ND	167	ug/kg wet								
Acenaphthylene	ND	167	"								
Aniline	ND	167	"								
Anthracene	ND	167	"								
Benzo(a)anthracene	ND	167	"								
Benzo(a)pyrene	ND	167	"								
Benzo(b)fluoranthene	ND	167	"								
Benzo(g,h,i)perylene	ND	167	"								
Benzo(k)fluoranthene	ND	167	"								
Benzyl butyl phthalate	ND	167	"								
4-Bromophenyl phenyl ether	ND	167	"								
4-Chloro-3-methylphenol	ND	167	"								
4-Chloroaniline	ND	167	"								
Bis(2-chloroethoxy)methane	ND	167	"								
Bis(2-chloroethyl)ether	ND	167	"								
Bis(2-chloroisopropyl)ether	ND	167	"								
Bis(2-ethylhexyl)phthalate	ND	167	"								
2-Chloronaphthalene	ND	167	"								
4-Chlorophenyl phenyl ether	ND	167	"								
Chrysene	ND	167	"								
Dibenzo(a,h)anthracene	ND	167	"								
Dibenzofuran	ND	167	"								
Di-n-butyl phthalate	ND	167	"								
1,2-Dichlorobenzene	ND	167	"								
1,4-Dichlorobenzene	ND	167	"								
1,3-Dichlorobenzene	ND	167	"								
3,3'-Dichlorobenzidine	ND	167	"								
Diethyl phthalate	ND	167	"								
Dimethyl phthalate	ND	167	"								
2,6-Dinitrotoluene	ND	167	"								
2,4-Dinitrotoluene	ND	167	"								
Di-n-octyl phthalate	ND	167	"								
Fluoranthene	ND	167	"								
Fluorene	ND	167	"								
Hexachlorobenzene	ND	167	"								
Hexachlorobutadiene	ND	167	"								
Hexachlorocyclopentadiene	ND	167	"								
Hexachloroethane	ND	167	"								
Indeno(1,2,3-cd)pyrene	ND	167	"								
Isophorone	ND	167	"								
2-Methylnaphthalene	ND	167	"								
Naphthalene	ND	167	"								
3-Nitroaniline	ND	167	"								
4-Nitroaniline	ND	167	"								
Nitrobenzene	ND	167	"								
N-nitroso-di-n-propylamine	ND	167	"								
N-Nitrosodimethylamine	ND	167	"								
N-Nitrosodiphenylamine	ND	167	"								
Phenanthrene	ND	167	"								
Pyrene	ND	167	"								
Pyridine	ND	167	"								

Semivolatile Organic Compounds by EPA Method 8270C - 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 BF31002 - EPA 3550B											
Blank (BF31002-BLK1)								Prepared: 06/21/2013 Analyzed: 06/25/2013			
1,2,4-Trichlorobenzene	ND	167	ug/kg wet								
Carbazole	ND	167	"								
Surrogate: 2-Fluorobiphenyl	*1160*		*"*	*1670*		*69.1*	*30-130*				
Surrogate: Nitrobenzene-d5	*1260*		*"*	*1660*		*75.9*	*30-130*				
Surrogate: Terphenyl-d14	*1420*		*"*	*1670*		*84.9*	*30-130*				
LCS (BF31002-BS1)								Prepared: 06/21/2013 Analyzed: 06/25/2013			
Acenaphthene	1330	167	ug/kg wet	1670		79.7	31.1-109				
Acenaphthylene	1200	167	"	1670		72.2	31.1-106				
Aniline	1700	167	"	1670		102	5.07-149				
Anthracene	1180	167	"	1670		70.9	31.5-107				
Benzo(a)anthracene	1250	167	"	1670		75.2	31.5-115				
Benzo(a)pyrene	1440	167	"	1670		86.6	29.1-138				
Benzo(b)fluoranthene	1230	167	"	1670		73.8	14.9-131				
Benzo(g,h,i)perylene	1500	167	"	1670		89.8	6.56-121				
Benzo(k)fluoranthene	1360	167	"	1670		81.8	29.1-121				
Benzyl butyl phthalate	1430	167	"	1670		86.0	31.3-112				
4-Bromophenyl phenyl ether	1450	167	"	1670		87.1	25.2-113				
4-Chloro-3-methylphenol	1380	167	"	1670		82.6	29.5-124				
4-Chloroaniline	2540	167	"	1670		153	10-177				
Bis(2-chloroethoxy)methane	1250	167	"	1670		75.1	27.9-111				
Bis(2-chloroethyl)ether	1100	167	"	1670		65.7	18-122				
Bis(2-chloroisopropyl)ether	1290	167	"	1670		77.4	9.62-123				
Bis(2-ethylhexyl)phthalate	1300	167	"	1670		77.8	25-105				
2-Chloronaphthalene	1240	167	"	1670		74.7	31.7-108				
4-Chlorophenyl phenyl ether	1410	167	"	1670		84.4	23.6-110				
Chrysene	1190	167	"	1670		71.1	27.4-117				
Dibenzo(a,h)anthracene	1760	167	"	1670		106	14.6-119				
Dibenzofuran	1270	167	"	1670		76.4	30.2-108				
Di-n-butyl phthalate	1020	167	"	1670		61.3	33.5-100				
1,2-Dichlorobenzene	1280	167	"	1670		76.6	22.8-114				
1,4-Dichlorobenzene	1330	167	"	1670		79.9	19.8-121				
1,3-Dichlorobenzene	1250	167	"	1670		74.9	20.6-119				
3,3'-Dichlorobenzidine	1350	167	"	1670		81.2	10-180				
Diethyl phthalate	1280	167	"	1670		76.7	29.7-111				
Dimethyl phthalate	1370	167	"	1670		82.5	27-118				
2,6-Dinitrotoluene	1350	167	"	1670		81.0	26.1-119				
2,4-Dinitrotoluene	1380	167	"	1670		83.0	21.4-126				
Di-n-octyl phthalate	1310	167	"	1670		78.5	19-129				
Fluoranthene	1130	167	"	1670		67.6	31.3-110				
Fluorene	1390	167	"	1670		83.1	29.9-108				
Hexachlorobenzene	1340	167	"	1670		80.3	31.7-102				
Hexachlorobutadiene	1340	167	"	1670		80.1	10.1-134				
Hexachlorocyclopentadiene	1520	167	"	1670		91.3	10-122				
Hexachloroethane	1210	167	"	1670		72.3	20.2-114				
Indeno(1,2,3-cd)pyrene	1790	167	"	1670		108	12.6-120				
Isophorone	1260	167	"	1670		75.3	27.2-113				
2-Methylnaphthalene	1260	167	"	1670		75.8	17.4-119				
Naphthalene	1160	167	"	1670		69.5	25.2-111				
3-Nitroaniline	3840	167	"	1670		230	9.73-147	High Bias			
4-Nitroaniline	1880	167	"	1670		112	6.42-169				
Nitrobenzene	1230	167	"	1670		73.8	21.8-118				



Semivolatile Organic Compounds by EPA Method 8270C - 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 BF31002 - EPA 3550B											
LCS (BF31002-BS1)								Prepared: 06/21/2013 Analyzed: 06/25/2013			
N-nitroso-di-n-propylamine	1360	167	ug/kg wet	1670		81.8	25.3-118				
N-Nitrosodimethylamine	1210	167	"	1670		72.6	10-142				
N-Nitrosodiphenylamine	1570	167	"	1670		94.2	35.8-132				
Phenanthrene	1220	167	"	1670		73.0	31.2-105				
Pyrene	1240	167	"	1670		74.1	26.3-124				
Pyridine	163	167	"	1670		9.76	10-122	Low Bias			
1,2,4-Trichlorobenzene	1340	167	"	1670		80.7	19.3-128				
Carbazole	3330	167	"	1670		200	40-140	High Bias			
Surrogate: 2-Fluorobiphenyl	*1230*		*"*	*1670*		*73.5*	*30-130*				
Surrogate: Nitrobenzene-d5	*1270*		*"*	*1660*		*76.3*	*30-130*				
Surrogate: Terphenyl-d14	*1330*		*"*	*1670*		*79.9*	*30-130*				
LCS Dup (BF31002-BSD1)								Prepared: 06/21/2013 Analyzed: 06/25/2013			
Acenaphthene	1280	167	ug/kg wet	1670		76.8	31.1-109		3.60	30	
Acenaphthylene	1150	167	"	1670		68.9	31.1-106		4.62	30	
Aniline	1330	167	"	1670		79.7	5.07-149		24.8	30	
Anthracene	1140	167	"	1670		68.3	31.5-107		3.82	30	
Benzo(a)anthracene	1210	167	"	1670		72.5	31.5-115		3.74	30	
Benzo(a)pyrene	1410	167	"	1670		84.5	29.1-138		2.43	30	
Benzo(b)fluoranthene	1490	167	"	1670		89.4	14.9-131		19.2	30	
Benzo(g,h,i)perylene	1440	167	"	1670		86.5	6.56-121		3.72	30	
Benzo(k)fluoranthene	1300	167	"	1670		78.2	29.1-121		4.55	30	
Benzyl butyl phthalate	1260	167	"	1670		75.7	31.3-112		12.7	30	
4-Bromophenyl phenyl ether	1380	167	"	1670		82.6	25.2-113		5.37	30	
4-Chloro-3-methylphenol	1310	167	"	1670		78.6	29.5-124		5.06	30	
4-Chloroaniline	2440	167	"	1670		146	10-177		4.28	30	
Bis(2-chloroethoxy)methane	1220	167	"	1670		73.3	27.9-111		2.48	30	
Bis(2-chloroethyl)ether	568	167	"	1670		34.1	18-122		63.5	30	Non-dir.
Bis(2-chloroisopropyl)ether	1160	167	"	1670		69.5	9.62-123		10.7	30	
Bis(2-ethylhexyl)phthalate	1180	167	"	1670		70.8	25-105		9.42	30	
2-Chloronaphthalene	1210	167	"	1670		72.7	31.7-108		2.77	30	
4-Chlorophenyl phenyl ether	1350	167	"	1670		81.0	23.6-110		4.11	30	
Chrysene	1140	167	"	1670		68.2	27.4-117		4.28	30	
Dibenzo(a,h)anthracene	1500	167	"	1670		90.3	14.6-119		15.9	30	
Dibenzofuran	1210	167	"	1670		72.4	30.2-108		5.32	30	
Di-n-butyl phthalate	1030	167	"	1670		62.0	33.5-100		1.04	30	
1,2-Dichlorobenzene	1270	167	"	1670		76.3	22.8-114		0.471	30	
1,4-Dichlorobenzene	1240	167	"	1670		74.3	19.8-121		7.29	30	
1,3-Dichlorobenzene	1270	167	"	1670		76.5	20.6-119		2.14	30	
3,3'-Dichlorobenzidine	1300	167	"	1670		78.1	10-180		3.89	30	
Diethyl phthalate	1200	167	"	1670		72.1	29.7-111		6.13	30	
Dimethyl phthalate	1280	167	"	1670		76.9	27-118		6.95	30	
2,6-Dinitrotoluene	1360	167	"	1670		81.9	26.1-119		1.11	30	
2,4-Dinitrotoluene	1360	167	"	1670		81.6	21.4-126		1.75	30	
Di-n-octyl phthalate	1130	167	"	1670		67.5	19-129		15.0	30	
Fluoranthene	1170	167	"	1670		70.4	31.3-110		4.03	30	
Fluorene	1300	167	"	1670		78.1	29.9-108		6.28	30	
Hexachlorobenzene	1250	167	"	1670		75.0	31.7-102		6.88	30	
Hexachlorobutadiene	1340	167	"	1670		80.5	10.1-134		0.473	30	
Hexachlorocyclopentadiene	1500	167	"	1670		90.0	10-122		1.41	30	
Hexachloroethane	1180	167	"	1670		70.9	20.2-114		1.95	30	
Indeno(1,2,3-cd)pyrene	1530	167	"	1670		91.8	12.6-120		15.7	30	

Semivolatile Organic Compounds by EPA Method 8270C - 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 BF31002 - EPA 3550B											
LCS Dup (BF31002-BSD1)								Prepared: 06/21/2013 Analyzed: 06/25/2013			
Isophorone	1210	167	ug/kg wet	1670		72.3	27.2-113		4.04	30	
2-Methylnaphthalene	1210	167	"	1670		72.5	17.4-119		4.45	30	
Naphthalene	1140	167	"	1670		68.3	25.2-111		1.77	30	
3-Nitroaniline	3650	167	"	1670		219	9.73-147	High Bias	4.93	30	
4-Nitroaniline	2000	167	"	1670		120	6.42-169		6.65	30	
Nitrobenzene	1170	167	"	1670		70.0	21.8-118		5.37	30	
N-nitroso-di-n-propylamine	1230	167	"	1670		74.1	25.3-118		9.95	30	
N-Nitrosodimethylamine	1040	167	"	1670		62.2	10-142		15.5	30	
N-Nitrosodiphenylamine	1700	167	"	1670		102	35.8-132		7.77	30	
Phenanthrene	1170	167	"	1670		70.1	31.2-105		4.08	30	
Pyrene	1180	167	"	1670		70.7	26.3-124		4.75	30	
Pyridine	ND	167	"	1670			10-122	Low Bias		30	
1,2,4-Trichlorobenzene	1300	167	"	1670		77.8	19.3-128		3.66	30	
Carbazole	3200	167	"	1670		192	40-140	High Bias	3.93	30	
Surrogate: 2-Fluorobiphenyl	*1180*		*"*	*1670*		*70.7*	*30-130*				
Surrogate: Nitrobenzene-d5	*1230*		*"*	*1660*		*73.9*	*30-130*				
Surrogate: Terphenyl-d14	*1310*		*"*	*1670*		*78.4*	*30-130*				
Matrix Spike (BF31002-MS1)	*Source sample: 13F0697-01 (DW-1 @ 11.5')							Prepared: 06/21/2013 Analyzed: 06/25/2013			
Acenaphthene	ND	2190	ug/kg dry	2190	ND		31.1-109	Low Bias			
Acenaphthylene	ND	2190	"	2190	ND		31.1-106	Low Bias			
Aniline	ND	2190	"	2190	ND		40-140	Low Bias			
Anthracene	ND	2190	"	2190	ND		31.5-107	Low Bias			
Benzo(a)anthracene	ND	2190	"	2190	ND		31.5-115	Low Bias			
Benzo(a)pyrene	ND	2190	"	2190	ND		29.1-138	Low Bias			
Benzo(b)fluoranthene	ND	2190	"	2190	ND		14.9-131	Low Bias			
Benzo(g,h,i)perylene	ND	2190	"	2190	ND		6.56-121	Low Bias			
Benzo(k)fluoranthene	ND	2190	"	2190	ND		29.1-121	Low Bias			
Benzyl butyl phthalate	ND	2190	"	2190	ND		31.3-112	Low Bias			
4-Bromophenyl phenyl ether	ND	2190	"	2190	ND		25.2-113	Low Bias			
4-Chloro-3-methylphenol	ND	2190	"	2190	ND		29.5-124	Low Bias			
4-Chloroaniline	ND	2190	"	2190	ND		10-177	Low Bias			
Bis(2-chloroethoxy)methane	ND	2190	"	2190	ND		27.9-111	Low Bias			
Bis(2-chloroethyl)ether	ND	2190	"	2190	ND		18-122	Low Bias			
Bis(2-chloroisopropyl)ether	ND	2190	"	2190	ND		9.62-123	Low Bias			
Bis(2-ethylhexyl)phthalate	2640	2190	"	2190	2820	NR	25-105	Low Bias			
2-Chloronaphthalene	ND	2190	"	2190	ND		31.7-108	Low Bias			
4-Chlorophenyl phenyl ether	ND	2190	"	2190	ND		23.6-110	Low Bias			
Chrysene	ND	2190	"	2190	ND		27.4-117	Low Bias			
Dibenzo(a,h)anthracene	ND	2190	"	2190	ND		14.6-119	Low Bias			
Dibenzofuran	ND	2190	"	2190	ND		30.2-108	Low Bias			
Di-n-butyl phthalate	ND	2190	"	2190	ND		33.5-100	Low Bias			
1,2-Dichlorobenzene	ND	2190	"	2190	ND		22.8-114	Low Bias			
1,4-Dichlorobenzene	ND	2190	"	2190	ND		19.8-121	Low Bias			
1,3-Dichlorobenzene	ND	2190	"	2190	ND		20.6-119	Low Bias			
3,3'-Dichlorobenzidine	ND	2190	"	2190	ND		10-180	Low Bias			
Diethyl phthalate	ND	2190	"	2190	ND		29.7-111	Low Bias			
Dimethyl phthalate	ND	2190	"	2190	ND		27-118	Low Bias			
2,6-Dinitrotoluene	ND	2190	"	2190	ND		26.1-119	Low Bias			
2,4-Dinitrotoluene	ND	2190	"	2190	ND		21.4-126	Low Bias			
Di-n-octyl phthalate	ND	2190	"	2190	ND		19-129	Low Bias			
Fluoranthene	ND	2190	"	2190	ND		31.3-110	Low Bias			

Semivolatile Organic Compounds by EPA Method 8270C - 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 BF31002 - EPA 3550B											
Matrix Spike (BF31002-MS1)	*Source sample: 13F0697-01 (DW-1 @ 11.5')							Prepared: 06/21/2013 Analyzed: 06/25/2013			
Fluorene	ND	2190	ug/kg dry	2190	ND		29.9-108	Low Bias			
Hexachlorobenzene	ND	2190	"	2190	ND		31.7-102	Low Bias			
Hexachlorobutadiene	ND	2190	"	2190	ND		10.1-134	Low Bias			
Hexachlorocyclopentadiene	ND	2190	"	2190	ND		10-122	Low Bias			
Hexachloroethane	ND	2190	"	2190	ND		20.2-114	Low Bias			
Indeno(1,2,3-cd)pyrene	ND	2190	"	2190	ND		12.6-120	Low Bias			
Isophorone	ND	2190	"	2190	ND		27.2-113	Low Bias			
2-Methylnaphthalene	ND	2190	"	2190	ND		17.4-119	Low Bias			
Naphthalene	ND	2190	"	2190	ND		25.2-111	Low Bias			
3-Nitroaniline	ND	2190	"	2190	ND		9.73-147	Low Bias			
4-Nitroaniline	ND	2190	"	2190	ND		6.42-169	Low Bias			
Nitrobenzene	ND	2190	"	2190	ND		21.8-118	Low Bias			
N-nitroso-di-n-propylamine	ND	2190	"	2190	ND		25.3-118	Low Bias			
N-Nitrosodimethylamine	ND	2190	"	2190	ND		40-140	Low Bias			
N-Nitrosodiphenylamine	ND	2190	"	2190	ND		35.8-132	Low Bias			
Phenanthrene	ND	2190	"	2190	ND		31.2-105	Low Bias			
Pyrene	ND	2190	"	2190	ND		26.3-124	Low Bias			
Pyridine	ND	2190	"	2190	ND		40-140	Low Bias			
1,2,4-Trichlorobenzene	ND	2190	"	2190	ND		19.3-128	Low Bias			
Carbazole	ND	2190	"	2190	ND		40-140	Low Bias			
Surrogate: 2-Fluorobiphenyl	*504*		*"*	*2200*		*22.9*	*30-130*				
Surrogate: Nitrobenzene-d5	*456*		*"*	*2190*		*20.8*	*30-130*				
Surrogate: Terphenyl-d14	*561*		*"*	*2190*		*25.6*	*30-130*				

Metals by EPA 6000 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 BF31080 - EPA 3050B											
Blank (BF31080-BLK1)									Prepared & Analyzed: 06/24/2013		
Antimony	ND	0.500	mg/kg wet								
Arsenic	ND	1.00	"								
Beryllium	ND	0.100	"								
Cadmium	ND	0.500	"								
Chromium	ND	0.500	"								
Copper	ND	0.500	"								
Lead	ND	0.300	"								
Nickel	ND	0.500	"								
Selenium	ND	0.500	"								
Silver	ND	0.500	"								
Thallium	ND	0.500	"								
Zinc	ND	0.500	"								
Duplicate (BF31080-DUP1)	*Source sample: 13F0697-01 (DW-1 @ 11.5')								Prepared & Analyzed: 06/24/2013		
Antimony	7.76	0.658	mg/kg dry		7.76				0.000504	35	
Arsenic	3.46	1.32	"		3.42				1.21	35	
Beryllium	ND	0.132	"		ND					35	
Cadmium	0.932	0.658	"		0.929				0.366	35	
Chromium	13.7	0.658	"		13.8				0.766	35	
Copper	112	0.658	"		114				1.08	35	
Lead	270	0.395	"		271				0.351	35	
Nickel	12.2	0.658	"		12.3				0.760	35	
Selenium	2.10	0.658	"		1.82				14.4	35	
Silver	ND	0.658	"		ND					35	
Thallium	ND	0.658	"		ND					35	
Zinc	161	0.658	"		162				0.424	35	
Matrix Spike (BF31080-MS1)	*Source sample: 13F0697-01 (DW-1 @ 11.5')								Prepared & Analyzed: 06/24/2013		
Antimony	40.4	0.658	mg/kg dry	32.9	7.76	99.1	75-125				
Arsenic	266	1.32	"	263	3.42	99.7	75-125				
Beryllium	5.85	0.132	"	6.58	ND	88.9	75-125				
Cadmium	7.39	0.658	"	6.58	0.929	98.2	75-125				
Chromium	40.9	0.658	"	26.3	13.8	103	75-125				
Copper	145	0.658	"	32.9	114	94.0	75-125				
Lead	340	0.395	"	65.8	271	105	75-125				
Nickel	80.0	0.658	"	65.8	12.3	103	75-125				
Silver	5.28	0.658	"	6.58	ND	80.3	75-125				
Thallium	271	0.658	"	263	ND	103	75-125				
Zinc	220	0.658	"	65.8	162	88.3	75-125				

Metals by EPA 6000 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 BF31080 - EPA 3050B											
Reference (BF31080-SRM1)								Prepared & Analyzed: 06/24/2013			
Antimony	125	0.500	mg/kg wet	92.9		134	24.8-272				
Arsenic	88.4	1.00	"	94.5		93.6	69.2-131				
Beryllium	49.6	0.100	"	52.6		94.2	73-127				
Cadmium	53.3	0.500	"	59.9		88.9	73.1-127				
Chromium	64.6	0.500	"	69.3		93.3	68.4-132				
Copper	75.8	0.500	"	78.0		97.2	73.6-126				
Lead	84.1	0.300	"	91.7		91.7	70.2-130				
Nickel	59.6	0.500	"	56.6		105	70-130				
Selenium	152	0.500	"	159		95.6	67.9-133				
Silver	28.9	0.500	"	33.9		85.2	65.5-135				
Thallium	109	0.500	"	119		91.8	67.6-133				
Zinc	124	0.500	"	137		90.5	67.4-133				

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 BF31086 - EPA 7473 soil											
Blank (BF31086-BLK1)								Prepared & Analyzed: 06/24/2013			
Mercury	ND	0.000390	mg/kg wet								
Duplicate (BF31086-DUP1)	*Source sample: 13F0697-01 (DW-1 @ 11.5')							Prepared & Analyzed: 06/24/2013			
Mercury	0.111	0.000513	mg/kg dry		0.115				3.37	35	
Matrix Spike (BF31086-MS1)	*Source sample: 13F0697-01 (DW-1 @ 11.5')							Prepared: 06/24/2013 Analyzed: 06/25/2013			
Mercury	0.740		mg/kg	0.500	0.0875	130	75-125	High Bias			
Reference (BF31086-SRM1)								Prepared & Analyzed: 06/24/2013			
Mercury	4.13		mg/kg	3.73		111	68.6-131				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13F0697-02	DW-1 @ 16.5'	2 oz. WM Clear Glass Cool to 4° C
13F0697-04	DW-2 @ 16.5'	2 oz. WM Clear Glass Cool to 4° C
13F0697-07	GW-2 GW	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0697-08	MW-20-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0697-09	MW-20-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0697-10	MW-20-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0697-11	MW-20-8	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0697-12	MW-1S	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0697-13	MW-1D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0697-14	MW-2S	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0697-15	MW-2D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0697-16	Equipment Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0697-17	TripBlank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0697-18	Rinsate Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0697-19	GW-DUP	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interferences.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-LSRD	Original sample conc <50 X reporting limit.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, 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.

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

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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 MDL, with values between the MDL and the RL being "J" flagged as estimated results.

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

Field Chain-of-Custody Record

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

York Project No. 13F0697

YOUR Information

Company: Laurel Env Assoc
Address: 53 West Hills Rd Huntington Station
Phone No. (631) 673-0612
Contact Person: Scott
E-Mail Address:

Report To:

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

Invoice To:

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

YOUR Project ID

20 West Centennial

Purchase Order No.

12-260

Samples from: CT ___ NY X NJ ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☒

Report Type

- Summary Report ___
- Summary w/ QA Summary ___
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package X
- NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD)

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

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

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

Brian M'Cabe
Samples Collected/Authorized By (Signature)

Brian M'Cabe
Name (printed)

Matrix Codes

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

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
DW-1 @ 11.5'	6/18/13 2:30	S	EPA 8270 BN only & PP metals	1 X 8 oz
DW-1 @ 16.5'	6/18/13 2:30		USEPA 8260	1 X 4 oz
DW-2 @ 14.'	6/18/13 11:00		EPA 8270 BN only & PP Metals	1 X 8 oz
DW-2 @ 16.5'	6/18/13 11:00		USEPA 8260	1 X 4 oz
DW-3 @ 17'	6/18/13 10:30		EPA 8270 BN only & PP Metals	1 X 8 oz
DW-Dup	6/18/13 N/A		EPA 8270 BN only & PP Metals	1 X 8 oz

Comments
Run MS and MSD from DW-1 @ 11.5'

Preservation Check those Applicable
4°C ___ Frozen ___ HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Brian M'Cabe 6/18/13
Samples Relinquished By — Date/Time

Samples Relinquished By — Date/Time

I A Barker 6/20/13 1120 AM
Samples Received By — Date/Time

Grace 6-20-13 1800
Samples Received in LAB by — Date/Time

Temperature on Receipt 4.5 °C

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

Field Chain-of-Custody Record

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

York Project No. 13E0697

YOUR Information	**Report To:**	**Invoice To:**
Company: Laurel Env Assoc	Company: Scott	Company: Kathy
Address: 53 West Hills Rd Huntington Station NY	Address:	Address:
Phone No: (631) 673-0612	Phone No.	Phone No.
Contact Person:	Attention:	Attention:
E-Mail Address:	E-Mail Address:	E-Mail Address:

YOUR Project ID: 20 West Centennial

Purchase Order No.: 12-260

Samples from: CT ___ NY X NJ ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☒

Report Type

- Summary Report ___
- Summary w/ QA Summary ___
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package X
- NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD)

- Simple Excel ___
- NYSDEC EQuIS X
- EQuIS (std) ~~X~~ BM
- EZ-EDD (EQuIS) ~~X~~ BM
- NJDEP SRP HazSite EDD ___
- GIS/KEY (std) ___
- Other ___
- **York Regulatory Comparison**
- **Excel Spreadsheet**

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

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

Brian McCabe
Samples Collected/Authorized By (Signature)

Brian McCabe
Name (printed)

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

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
GW-2 GW	6/18/13 9:20	GW	USEPA 8260	2X40 ml VOA
MW-20-3	12:00			
MW-20-4	1:10			
MW-20-7	4:30			
MW-20-8	12:59			
MW-1S	3:00			
MW-1D	3:30			
MW-2S	2:00			
MW-2D	2:30			
Equipment Blank	8:30			1X40 ml VOA

Comments

Preservation Check those Applicable: 4°C ___ Frozen ___ HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions

Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By — Date/Time: 6/18/13

Samples Relinquished By — Date/Time:

Samples Received By — Date/Time: K Barker 6/20/13 1120 AM

Samples Received in LAB by — Date/Time: Bruce 6-20-13 1800

Temperature on Receipt: ~~4.5~~ 4.5 °C

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

Field Chain-of-Custody Record

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

York Project No. 13F0697

YOUR Information	**Report To:**	**Invoice To:**
Company: Laurel Env Asso	Company: Scott	Company: Kathy
Address: 53 West Hill Rd Huntington Station	Address:	Address:
Phone No. (631) 673-0612	Phone No.	Phone No.
Contact Person:	Attention:	Attention:
E-Mail Address:	E-Mail Address:	E-Mail Address:

YOUR Project ID: 20 West Centennial

Purchase Order No.: 12-260

Samples from: CT ___ NY X NJ ___

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

Report Type
- Summary Report ___
- Summary w/ QA Summary ___
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package X
- NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD)
- Simple Excel ___
- NYSDEC EQuIS X
- EQuIS (std) ___
- EZ-EDD (EQuIS) ___
- NJDEP SRP HazSite EDD ___
- GIS/KEY (std) ___
- Other ___
- **York Regulatory Comparison Excel Spreadsheet**

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

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

Samples Collected/Authorized By (Signature)

Brian M'Cabe
Name (printed)

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

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
Trip Blank	6/18/13 N/A	GW	US EPA 8260	2x40ml VOA
Rinsate Blank	8:30			3x40 ml VOA
GW-DUP	N/A			2x40 ml VOA

Comments
Run MS and MSD from Rinsate Blank

Preservation Check those Applicable
4°C ___ Frozen ___ HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
		Grace 6-20-13 1800	
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time

Temperature on Receipt 4.5 °C

Technical Report

prepared for:

Laurel Environmental
53 W Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Report Date: 07/09/2014
Client Project ID: 20 West Centennial
York Project (SDG) No.: 14G0214

Report Date: 07/09/2014
Client Project ID: 20 West Centennial
York Project (SDG) No.: 14G0214

Laurel Environmental
53 W Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 07, 2014 and listed below. The project was identified as your project: **20 West Centennial**.

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
14G0214-01	System Influent	Vapor Extraction	07/03/2014	07/07/2014
14G0214-02	System Effluent	Vapor Extraction	07/03/2014	07/07/2014

General Notes for York Project (SDG) No.: 14G0214

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: 07/09/2014

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: **System Influent** **York Sample ID:** **14G0214-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G0214	20 West Centennial	Vapor Extraction	July 3, 2014 3:00 pm	07/07/2014

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	1.3	1.3	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
108-05-4	Vinyl acetate	ND		ug/m³	3.5	3.5	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
79-01-6	**Trichloroethylene**	**110**		ug/m³	1.3	1.3	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	4.5	4.5	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	4.0	4.0	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
108-88-3	**Toluene**	**9.8**		ug/m³	3.8	3.8	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
109-99-9	*** Tetrahydrofuran**	**13**		ug/m³	2.9	2.9	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
127-18-4	**Tetrachloroethylene**	**8400**	E	ug/m³	1.7	1.7	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
100-42-5	Styrene	ND		ug/m³	4.3	4.3	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
115-07-1	* Propylene	ND		ug/m³	1.7	1.7	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
622-96-8	* p-Ethyltoluene	ND		ug/m³	4.9	4.9	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
179601-23-1	**p- & m- Xylenes**	**56**		ug/m³	8.7	8.7	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
95-47-6	**o-Xylene**	**14**		ug/m³	4.3	4.3	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
110-54-3	n-Hexane	ND		ug/m³	3.5	3.5	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
142-82-5	n-Heptane	ND		ug/m³	4.1	4.1	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
75-09-2	Methylene chloride	ND		ug/m³	6.9	6.9	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	3.6	3.6	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	4.1	4.1	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
67-63-0	Isopropanol	ND		ug/m³	4.9	4.9	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
87-68-3	Hexachlorobutadiene	ND		ug/m³	11	11	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
100-41-4	**Ethyl Benzene**	**19**		ug/m³	4.3	4.3	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
141-78-6	* Ethyl acetate	ND		ug/m³	7.2	7.2	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
110-82-7	Cyclohexane	ND		ug/m³	3.4	3.4	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	4.5	4.5	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
156-59-2	**cis-1,2-Dichloroethylene**	**67**		ug/m³	4.0	4.0	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
74-87-3	Chloromethane	ND		ug/m³	2.1	2.1	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
67-66-3	Chloroform	ND		ug/m³	4.9	4.9	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
75-00-3	Chloroethane	ND		ug/m³	2.6	2.6	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
56-23-5	Carbon tetrachloride	ND		ug/m³	1.6	1.6	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
75-15-0	Carbon disulfide	ND		ug/m³	3.1	3.1	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
74-83-9	Bromomethane	ND		ug/m³	3.9	3.9	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
75-25-2	Bromoform	ND		ug/m³	10	10	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
75-27-4	Bromodichloromethane	ND		ug/m³	6.2	6.2	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
100-44-7	Benzyl chloride	ND		ug/m³	5.2	5.2	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
71-43-2	Benzene	ND		ug/m³	3.2	3.2	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
67-64-1	**Acetone**	**20**	B	ug/m³	2.4	2.4	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
591-78-6	* 2-Hexanone	ND		ug/m³	8.2	8.2	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
78-93-3	**2-Butanone**	**5.9**		ug/m³	2.9	2.9	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB

Sample Information

Client Sample ID: **System Influent** **York Sample ID:** **14G0214-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G0214	20 West Centennial	Vapor Extraction	July 3, 2014 3:00 pm	07/07/2014

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/m³	3.6	3.6	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	6.0	6.0	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	6.0	6.0	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
106-99-0	1,3-Butadiene	ND		ug/m³	4.3	4.3	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	4.9	4.9	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	7.0	7.0	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
78-87-5	1,2-Dichloropropane	ND		ug/m³	4.6	4.6	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
107-06-2	1,2-Dichloroethane	ND		ug/m³	4.0	4.0	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	6.0	6.0	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
95-63-6	**1,2,4-Trimethylbenzene**	**6.4**		ug/m³	4.9	4.9	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	7.4	7.4	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
75-35-4	1,1-Dichloroethylene	ND		ug/m³	4.0	4.0	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
75-34-3	1,1-Dichloroethane	ND		ug/m³	4.0	4.0	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	5.6	5.6	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	5.5	5.5	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	7.7	7.7	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	6.9	6.9	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	5.5	5.5	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
75-71-8	Dichlorodifluoromethane	ND		ug/m³	4.9	4.9	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
106-93-4	1,2-Dibromoethane	ND		ug/m³	7.7	7.7	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
124-48-1	Dibromochloromethane	ND		ug/m³	8.0	8.0	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
80-62-6	Methyl Methacrylate	ND		ug/m³	4.1	4.1	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB
108-90-7	Chlorobenzene	ND		ug/m³	4.6	4.6	10	EPA TO-15	07/08/2014 10:07	07/08/2014 21:18	RQB

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*90.7 %*	*72-118*

Sample Information

Client Sample ID: **System Effluent** **York Sample ID:** **14G0214-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G0214	20 West Centennial	Vapor Extraction	July 3, 2014 3:00 pm	07/07/2014

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	1.3	1.3	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB
108-05-4	Vinyl acetate	ND		ug/m³	3.5	3.5	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB

Sample Information

Client Sample ID: **System Effluent** **York Sample ID:** **14G0214-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G0214	20 West Centennial	Vapor Extraction	July 3, 2014 3:00 pm	07/07/2014

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/m³	1.3	1.3	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	4.5	4.5	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	4.0	4.0	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB
108-88-3	**Toluene**	**13**		ug/m³	3.8	3.8	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB
109-99-9	* Tetrahydrofuran	ND		ug/m³	2.9	2.9	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB
127-18-4	**Tetrachloroethylene**	**370**		ug/m³	1.7	1.7	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB
100-42-5	Styrene	ND		ug/m³	4.3	4.3	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB
115-07-1	* Propylene	ND		ug/m³	1.7	1.7	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB
622-96-8	*** p-Ethyltoluene**	**7.9**		ug/m³	4.9	4.9	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB
179601-23-1	**p- & m- Xylenes**	**46**		ug/m³	8.7	8.7	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB
95-47-6	**o-Xylene**	**11**		ug/m³	4.3	4.3	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB
110-54-3	n-Hexane	ND		ug/m³	3.5	3.5	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB
142-82-5	n-Heptane	ND		ug/m³	4.1	4.1	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB
75-09-2	Methylene chloride	ND		ug/m³	6.9	6.9	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	3.6	3.6	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	4.1	4.1	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB
67-63-0	Isopropanol	ND		ug/m³	4.9	4.9	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB
87-68-3	Hexachlorobutadiene	ND		ug/m³	11	11	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB
100-41-4	**Ethyl Benzene**	**14**		ug/m³	4.3	4.3	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB
141-78-6	* Ethyl acetate	ND		ug/m³	7.2	7.2	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB
110-82-7	Cyclohexane	ND		ug/m³	3.4	3.4	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	4.5	4.5	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	4.0	4.0	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB
74-87-3	Chloromethane	ND		ug/m³	2.1	2.1	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB
67-66-3	Chloroform	ND		ug/m³	4.9	4.9	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB
75-00-3	Chloroethane	ND		ug/m³	2.6	2.6	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB
56-23-5	Carbon tetrachloride	ND		ug/m³	1.6	1.6	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB
75-15-0	Carbon disulfide	ND		ug/m³	3.1	3.1	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB
74-83-9	Bromomethane	ND		ug/m³	3.9	3.9	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB
75-25-2	Bromoform	ND		ug/m³	10	10	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB
75-27-4	Bromodichloromethane	ND		ug/m³	6.2	6.2	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB
100-44-7	Benzyl chloride	ND		ug/m³	5.2	5.2	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB
71-43-2	Benzene	ND		ug/m³	3.2	3.2	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB
67-64-1	**Acetone**	**13**	B	ug/m³	2.4	2.4	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB
591-78-6	* 2-Hexanone	ND		ug/m³	8.2	8.2	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB
78-93-3	**2-Butanone**	**3.5**		ug/m³	2.9	2.9	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB
123-91-1	1,4-Dioxane	ND		ug/m³	3.6	3.6	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	6.0	6.0	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	6.0	6.0	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB

Sample Information

Client Sample ID: **System Effluent** **York Sample ID:** **14G0214-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14G0214	20 West Centennial	Vapor Extraction	July 3, 2014 3:00 pm	07/07/2014

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-99-0	1,3-Butadiene	ND		ug/m³	4.3	4.3	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	4.9	4.9	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	7.0	7.0	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB
78-87-5	1,2-Dichloropropane	ND		ug/m³	4.6	4.6	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB
107-06-2	1,2-Dichloroethane	ND		ug/m³	4.0	4.0	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	6.0	6.0	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB
95-63-6	**1,2,4-Trimethylbenzene**	**11**		ug/m³	4.9	4.9	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	7.4	7.4	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB
75-35-4	1,1-Dichloroethylene	ND		ug/m³	4.0	4.0	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB
75-34-3	1,1-Dichloroethane	ND		ug/m³	4.0	4.0	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	5.6	5.6	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	5.5	5.5	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	7.7	7.7	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	6.9	6.9	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	5.5	5.5	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB
75-71-8	Dichlorodifluoromethane	ND		ug/m³	4.9	4.9	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB
106-93-4	1,2-Dibromoethane	ND		ug/m³	7.7	7.7	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB
124-48-1	Dibromochloromethane	ND		ug/m³	8.0	8.0	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB
80-62-6	Methyl Methacrylate	ND		ug/m³	4.1	4.1	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB
108-90-7	Chlorobenzene	ND		ug/m³	4.6	4.6	10	EPA TO-15	07/08/2014 10:07	07/08/2014 20:28	RQB

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*90.8 %*	*72-118*

Notes and Definitions

E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
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.

---

*	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.

YORK ANALYTICAL LABORATORIES, INC.

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

Field Chain-of-Custody Record - AIR

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. 14G0214

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type/Deliverables
Company: Laurel Environmental	Company: Scott	Company: Kathy	20 West Centennial	RUSH - Same Day ☐	Summary Report X
Address: 53 West Hills Rd Huntington Station	Address:	Address:		RUSH - Next Day ☐	Summary w/ QA Summary ___
Phone No.	Phone No.	Phone No.	**Purchase Order No.**	RUSH - Two Day ☐	CT RCP Package ___
Contact Person: Scott	Attention:	Attention:	12-260	RUSH - Three Day ☐	NY ASP A Package ___
E-Mail Address:	E-Mail Address:	E-Mail Address:	Samples from: CT___ NY X NJ___	RUSH - Four Day ☐	NY ASP B/CLP Pkg ___
				Standard(5-7 Days) X	NJDEP Reduced ___

Electronic Deliverables: EDD (Specify Type) ___ Standard Excel ___ Regulatory Comparison Excel ___

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.

Brian McCabe (signature)
Samples Collected/Authorized By (Signature)

Brian McCabe
Name (printed)

Air Matrix Codes
- AI - INDOOR Ambient Air
- AO- OUTDOOR Amb. Air
- AE- Vapor Extraction Well/ Process Gas/Effluent
- AS- SOIL Vapor/Sub-Slab

TO15 Volatiles and Other Gas Analyses

EPA TO-15 List	EPA TO-14A List
NYSDEC VI list	Tentatively Identified Compounds
NYSDEC STARS List	Air VPH
Project Specific List by TO-15	Helium
NJDEP Target List	Methane
CTDEP RCP Target List	OTHER___

Detection Limits Required
- $\leq$ 1 ug/m^3 ___
- NYSDEC VI Limits ___ (VI = vapor intrusion)
- NJDEP low level ___
- Routine Survey X
- Other ___

Special Instructions

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum Afer Sampling (in. Hg)	Choose Analyses Needed from the Menu Above and Enter Below	Sampling Media
System Influent	7/3/14	AE	N/A	N/A	EPA TO-15	6 Liter Summa canister Y51 ~~Tedlar Bag~~
System Effluent	7/3/14	AE	N/A	N/A	EPA TO-15	6 Liter Summa canister ___ Tedlar Bag Y02
						6 Liter Summa canister___ Tedlar Bag___
						6 Liter Summa canister___ Tedlar Bag___
						6 Liter Summa canister___ Tedlar Bag___
						6 Liter Summa canister___ Tedlar Bag___
						6 Liter Summa canister___ Tedlar Bag___
						6 Liter Summa canister___ Tedlar Bag___
						6 Liter Summa canister___ Tedlar Bag___
						6 Liter Summa canister___ Tedlar Bag___

Comments

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
Brian McCabe (signature)	7/3/14 18:00	K Bailey (signature)	7/7/14 1110 AM
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
		Pace	7-7-14 1735

Pace Analytical
575 Broad Hollow Road , Melville, NY 11747
TEL: (631) 694-3040 FAX: (631) 420-8436
NYSDOH ID#10478 www.pacelabs.com

LABORATORY RESULTS

Results for the samples and analytes requested

The lab is not directly responsible for the integrity of the sample before receipt at the lab and is responsible only for the certified tests requested.

Laurel Environmental
53 West Hills Rd
Huntington Station, N.Y 11746
Attn To : Scott Yanuck
Collected : 7/23/2015 12:50:00 PM
Received : 7/27/2015 10:10:00 AM
Collected By CLIENT

Lab No. : 1507I72-001
Client Sample ID: SYSTEM INFLUENT
20 West Centennial Ave

Sample Information:
Type : Air
Origin:

Method: ETO-15 :

Parameter(s)	Result	Units	Qualifier	D.F.	Result	Units	Date Analyzed
1,1,1-Trichloroethane	< 0.20	ppbv		1	< 1.09	µg/m³	07/28/2015 1:03 AM
1,1,2,2-Tetrachloroethane	< 0.20	ppbv		1	< 1.37	µg/m³	07/28/2015 1:03 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 0.20	ppbv		1	< 1.53	µg/m³	07/28/2015 1:03 AM
1,1,2-Trichloroethane	< 0.20	ppbv		1	< 1.09	µg/m³	07/28/2015 1:03 AM
1,1-Dichloroethane	< 0.20	ppbv		1	< 0.81	µg/m³	07/28/2015 1:03 AM
1,1-Dichloroethene	< 0.20	ppbv		1	< 0.79	µg/m³	07/28/2015 1:03 AM
1,2,4-Trichlorobenzene	< 0.20	ppbv		1	< 1.48	µg/m³	07/28/2015 1:03 AM
1,2,4-Trimethylbenzene	0.75	ppbv		1	3.69	µg/m³	07/28/2015 1:03 AM
1,2-Dibromoethane	< 0.20	ppbv		1	< 1.54	µg/m³	07/28/2015 1:03 AM
1,2-Dichlorobenzene	< 0.20	ppbv		1	< 1.20	µg/m³	07/28/2015 1:03 AM
1,2-Dichloroethane	< 0.20	ppbv		1	< 0.81	µg/m³	07/28/2015 1:03 AM
1,2-Dichloroethene (cis)	8.03	ppbv		1	31.8	µg/m³	07/28/2015 1:03 AM
1,2-Dichloroethene (trans)	0.20	ppbv		1	0.79	µg/m³	07/28/2015 1:03 AM
1,2-Dichloropropane	< 0.20	ppbv		1	< 0.92	µg/m³	07/28/2015 1:03 AM
1,2-Dichlorotetrafluoroethane	< 0.20	ppbv		1	< 1.40	µg/m³	07/28/2015 1:03 AM
1,3,5-Trimethylbenzene	< 0.20	ppbv		1	< 0.98	µg/m³	07/28/2015 1:03 AM
1,3-Dichlorobenzene	< 0.20	ppbv		1	< 1.20	µg/m³	07/28/2015 1:03 AM
1,3-Dichloropropene (cis)	< 0.20	ppbv		1	< 0.91	µg/m³	07/28/2015 1:03 AM
1,3-Dichloropropene (trans)	< 0.20	ppbv		1	< 0.91	µg/m³	07/28/2015 1:03 AM
1,3-Hexachlorobutadiene	< 0.20	ppbv		1	< 2.13	µg/m³	07/28/2015 1:03 AM
1,4-Dichlorobenzene	< 0.20	ppbv		1	< 1.20	µg/m³	07/28/2015 1:03 AM
Acetone	13.0	ppbv	S	1	31.0	µg/m³	07/28/2015 1:03 AM
Benzene	0.43	ppbv		1	1.37	µg/m³	07/28/2015 1:03 AM
Bromodichloromethane	< 0.20	ppbv		1	< 1.34	µg/m³	07/28/2015 1:03 AM
Bromoform	< 0.20	ppbv		1	< 2.07	µg/m³	07/28/2015 1:03 AM
Bromomethane	< 0.20	ppbv		1	< 0.78	µg/m³	07/28/2015 1:03 AM
Carbon disulfide	< 0.20	ppbv		1	< 0.62	µg/m³	07/28/2015 1:03 AM
Carbon tetrachloride	0.08	ppbv		1	0.50	µg/m³	07/28/2015 1:03 AM
Chlorobenzene	< 0.20	ppbv		1	< 0.92	µg/m³	07/28/2015 1:03 AM
Chloroethane	< 0.20	ppbv		1	< 0.53	µg/m³	07/28/2015 1:03 AM
Chloroform	0.23	ppbv		1	1.12	µg/m³	07/28/2015 1:03 AM
Chloromethane	0.28	ppbv		1	0.58	µg/m³	07/28/2015 1:03 AM
Dibromochloromethane	< 0.20	ppbv		1	< 1.70	µg/m³	07/28/2015 1:03 AM
Dichlorodifluoromethane	0.44	ppbv		1	2.18	µg/m³	07/28/2015 1:03 AM
Ethylbenzene	0.50	ppbv		1	2.17	µg/m³	07/28/2015 1:03 AM

Qualifiers: E = Value above quantitation range, Value estimated.
B = Found in Blank
D.F. = Dilution Factor D = Results for Dilution
H = Received/analyzed outside of analytical holding time
+ = NYSDOH ELAP does not offer certification for this analyte / matrix / method
c = Calibration acceptability criteria exceeded for this analyte
R = Reporting limit below calibration range. Value estimated.
J = Estimated value - below calibration range
S = Recovery exceeded control limits for this analyte
N = Indicates presumptive evidence of compound

Elizabeth Harrison
Project Manager

Test results meet the requirements of NELAC unless otherwise noted.

Date Reported : 7/28/2015

Pace Analytical
575 Broad Hollow Road , Melville, NY 11747
TEL: (631) 694-3040 FAX: (631) 420-8436
NYSDOH ID#10478 www.pacelabs.com

LABORATORY RESULTS

Results for the samples and analytes requested

The lab is not directly responsible for the integrity of the sample before receipt at the lab and is responsible only for the certified tests requested.

Laurel Environmental
53 West Hills Rd
Huntington Station, N.Y 11746
Attn To : Scott Yanuck
Collected : 7/23/2015 12:50:00 PM
Received : 7/27/2015 10:10:00 AM
Collected By CLIENT

Lab No. : 1507I72-001
Client Sample ID: SYSTEM INFLUENT

20 West Centennial Ave

Sample Information:
Type : Air

Origin:

Method: ETO-15 :

Parameter(s)	Result	Units	Qualifier	D.F.	Result	Units	Date Analyzed
Methyl butyl ketone	< 0.20	ppbv	+	1	< 0.82	µg/m³	07/28/2015 1:03 AM
Methyl ethyl ketone	1.28	ppbv		1	3.78	µg/m³	07/28/2015 1:03 AM
Methyl isobutyl ketone	< 0.20	ppbv		1	< 0.82	µg/m³	07/28/2015 1:03 AM
Methyl tert-butyl ether	< 0.20	ppbv		1	< 0.72	µg/m³	07/28/2015 1:03 AM
Methylene chloride	0.36	ppbv		1	1.40	µg/m³	07/28/2015 1:03 AM
Styrene	< 0.20	ppbv		1	< 0.85	µg/m³	07/28/2015 1:03 AM
Tetrachloroethene	909	ppbv	D	25	6170	µg/m³	07/28/2015 12:31 AM
Toluene	5.18	ppbv		1	19.5	µg/m³	07/28/2015 1:03 AM
Trichloroethene	5.82	ppbv		1	31.3	µg/m³	07/28/2015 1:03 AM
Trichlorofluoromethane	0.94	ppbv		1	5.28	µg/m³	07/28/2015 1:03 AM
Vinyl acetate	< 0.20	ppbv		1	< 0.70	µg/m³	07/28/2015 1:03 AM
Vinyl chloride	< 0.10	ppbv		1	< 0.25	µg/m³	07/28/2015 1:03 AM
Xylenes (m&p)	2.15	ppbv		1	9.34	µg/m³	07/28/2015 1:03 AM
Xylenes (o)	0.76	ppbv		1	3.30	µg/m³	07/28/2015 1:03 AM
Surr: 4-Bromofluorobenzene	88.0	%REC	Limit 70-130		No M.W. Data		07/28/2015 1:03 AM

Qualifiers: E = Value above quantitation range, Value estimated.
B = Found in Blank
D.F. = Dilution Factor D = Results for Dilution
H = Received/analyzed outside of analytical holding time
+ = NYSDOH ELAP does not offer certification for this analyte / matrix / method
c = Calibration acceptability criteria exceeded for this analyte
R = Reporting limit below calibration range. Value estimated.
J = Estimated value - below calibration range
S = Recovery exceeded control limits for this analyte
N = Indicates presumptive evidence of compound

Elizabeth Harrison
Project Manager

Test results meet the requirements of NELAC unless otherwise noted.

Date Reported : 7/28/2015

Pace Analytical
575 Broad Hollow Road , Melville, NY 11747
TEL: (631) 694-3040 FAX: (631) 420-8436
NYSDOH ID#10478 www.pacelabs.com

LABORATORY RESULTS

Results for the samples and analytes requested

The lab is not directly responsible for the integrity of the sample before receipt at the lab and is responsible only for the certified tests requested.

Laurel Environmental
53 West Hills Rd
Huntington Station, N.Y 11746
Attn To : Scott Yanuck
Collected : 7/23/2015 12:55:00 PM
Received : 7/27/2015 10:10:00 AM
Collected By CLIENT

Lab No. : 1507I72-002
Client Sample ID: SYSTEM EFFLUENT
20 West Centennial Ave

Sample Information:
Type : Air
Origin:

Method: ETO-15 :

Parameter(s)	Result	Units	Qualifier	D.F.	Result	Units	Date Analyzed
1,1,1-Trichloroethane	< 0.20	ppbv		1	< 1.09	µg/m³	07/27/2015 11:32 PM
1,1,2,2-Tetrachloroethane	< 0.20	ppbv		1	< 1.37	µg/m³	07/27/2015 11:32 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	< 0.20	ppbv		1	< 1.53	µg/m³	07/27/2015 11:32 PM
1,1,2-Trichloroethane	< 0.20	ppbv		1	< 1.09	µg/m³	07/27/2015 11:32 PM
1,1-Dichloroethane	< 0.20	ppbv		1	< 0.81	µg/m³	07/27/2015 11:32 PM
1,1-Dichloroethene	< 0.20	ppbv		1	< 0.79	µg/m³	07/27/2015 11:32 PM
1,2,4-Trichlorobenzene	< 0.20	ppbv		1	< 1.48	µg/m³	07/27/2015 11:32 PM
1,2,4-Trimethylbenzene	0.42	ppbv		1	2.06	µg/m³	07/27/2015 11:32 PM
1,2-Dibromoethane	< 0.20	ppbv		1	< 1.54	µg/m³	07/27/2015 11:32 PM
1,2-Dichlorobenzene	< 0.20	ppbv		1	< 1.20	µg/m³	07/27/2015 11:32 PM
1,2-Dichloroethane	< 0.20	ppbv		1	< 0.81	µg/m³	07/27/2015 11:32 PM
1,2-Dichloroethene (cis)	< 0.20	ppbv		1	< 0.79	µg/m³	07/27/2015 11:32 PM
1,2-Dichloroethene (trans)	< 0.20	ppbv		1	< 0.79	µg/m³	07/27/2015 11:32 PM
1,2-Dichloropropane	< 0.20	ppbv		1	< 0.92	µg/m³	07/27/2015 11:32 PM
1,2-Dichlorotetrafluoroethane	< 0.20	ppbv		1	< 1.40	µg/m³	07/27/2015 11:32 PM
1,3,5-Trimethylbenzene	< 0.20	ppbv		1	< 0.98	µg/m³	07/27/2015 11:32 PM
1,3-Dichlorobenzene	< 0.20	ppbv		1	< 1.20	µg/m³	07/27/2015 11:32 PM
1,3-Dichloropropene (cis)	< 0.20	ppbv		1	< 0.91	µg/m³	07/27/2015 11:32 PM
1,3-Dichloropropene (trans)	< 0.20	ppbv		1	< 0.91	µg/m³	07/27/2015 11:32 PM
1,3-Hexachlorobutadiene	< 0.20	ppbv		1	< 2.13	µg/m³	07/27/2015 11:32 PM
1,4-Dichlorobenzene	< 0.20	ppbv		1	< 1.20	µg/m³	07/27/2015 11:32 PM
Acetone	61.0	ppbv	DS	20	145	µg/m³	07/27/2015 11:00 PM
Benzene	21.3	ppbv		1	68.0	µg/m³	07/27/2015 11:32 PM
Bromodichloromethane	< 0.20	ppbv		1	< 1.34	µg/m³	07/27/2015 11:32 PM
Bromoform	< 0.20	ppbv		1	< 2.07	µg/m³	07/27/2015 11:32 PM
Bromomethane	< 0.20	ppbv		1	< 0.78	µg/m³	07/27/2015 11:32 PM
Carbon disulfide	< 0.20	ppbv		1	< 0.62	µg/m³	07/27/2015 11:32 PM
Carbon tetrachloride	< 0.04	ppbv		1	< 0.25	µg/m³	07/27/2015 11:32 PM
Chlorobenzene	< 0.20	ppbv		1	< 0.92	µg/m³	07/27/2015 11:32 PM
Chloroethane	< 0.20	ppbv		1	< 0.53	µg/m³	07/27/2015 11:32 PM
Chloroform	< 0.20	ppbv		1	< 0.98	µg/m³	07/27/2015 11:32 PM
Chloromethane	1.21	ppbv		1	2.50	µg/m³	07/27/2015 11:32 PM
Dibromochloromethane	< 0.20	ppbv		1	< 1.70	µg/m³	07/27/2015 11:32 PM
Dichlorodifluoromethane	0.40	ppbv		1	1.98	µg/m³	07/27/2015 11:32 PM
Ethylbenzene	0.30	ppbv		1	1.30	µg/m³	07/27/2015 11:32 PM

Qualifiers: E = Value above quantitation range, Value estimated.
B = Found in Blank
D.F. = Dilution Factor D = Results for Dilution
H = Received/analyzed outside of analytical holding time
+ = NYSDOH ELAP does not offer certification for this analyte / matrix / method
c = Calibration acceptability criteria exceeded for this analyte
R = Reporting limit below calibration range. Value estimated.
J = Estimated value - below calibration range
S = Recovery exceeded control limits for this analyte
N = Indicates presumptive evidence of compound

Elizabeth Harrison
Project Manager

Test results meet the requirements of NELAC unless otherwise noted.

Date Reported : 7/28/2015

Pace Analytical
575 Broad Hollow Road , Melville, NY 11747
TEL: (631) 694-3040 FAX: (631) 420-8436
NYSDOH ID#10478 www.pacelabs.com

LABORATORY RESULTS

Results for the samples and analytes requested

The lab is not directly responsible for the integrity of the sample before receipt at the lab and is responsible only for the certified tests requested.

Laurel Environmental
53 West Hills Rd
Huntington Station, N.Y 11746
Attn To : Scott Yanuck
Collected : 7/23/2015 12:55:00 PM
Received : 7/27/2015 10:10:00 AM
Collected By CLIENT

Lab No. : 1507I72-002
Client Sample ID: SYSTEM EFFLUENT
20 West Centennial Ave

Sample Information:
Type : Air
Origin:

Method: ETO-15 :

Parameter(s)	Result	Units	Qualifier	D.F.	Result	Units	Date Analyzed
Methyl butyl ketone	< 0.20	ppbv	+	1	< 0.82	µg/m³	07/27/2015 11:32 PM
Methyl ethyl ketone	0.55	ppbv		1	1.62	µg/m³	07/27/2015 11:32 PM
Methyl isobutyl ketone	< 0.20	ppbv		1	< 0.82	µg/m³	07/27/2015 11:32 PM
Methyl tert-butyl ether	< 0.20	ppbv		1	< 0.72	µg/m³	07/27/2015 11:32 PM
Methylene chloride	0.47	ppbv		1	1.83	µg/m³	07/27/2015 11:32 PM
Styrene	< 0.20	ppbv		1	< 0.85	µg/m³	07/27/2015 11:32 PM
Tetrachloroethene	2.32	ppbv		1	15.7	µg/m³	07/27/2015 11:32 PM
Toluene	3.35	ppbv		1	12.6	µg/m³	07/27/2015 11:32 PM
Trichloroethene	< 0.05	ppbv		1	< 0.25	µg/m³	07/27/2015 11:32 PM
Trichlorofluoromethane	0.36	ppbv		1	2.02	µg/m³	07/27/2015 11:32 PM
Vinyl acetate	< 0.20	ppbv		1	< 0.70	µg/m³	07/27/2015 11:32 PM
Vinyl chloride	< 0.10	ppbv		1	< 0.25	µg/m³	07/27/2015 11:32 PM
Xylenes (m&p)	1.16	ppbv		1	5.04	µg/m³	07/27/2015 11:32 PM
Xylenes (o)	0.37	ppbv		1	1.61	µg/m³	07/27/2015 11:32 PM
Surr: 4-Bromofluorobenzene	91.9	%REC	Limit 70-130		No M.W. Data		07/27/2015 11:32 PM

Qualifiers: E = Value above quantitation range, Value estimated.
B = Found in Blank
D.F. = Dilution Factor D = Results for Dilution
H = Received/analyzed outside of analytical holding time
+ = NYSDOH ELAP does not offer certification for this analyte / matrix / method
c = Calibration acceptability criteria exceeded for this analyte
R = Reporting limit below calibration range. Value estimated.
J = Estimated value - below calibration range
S = Recovery exceeded control limits for this analyte
N = Indicates presumptive evidence of compound

Elizabeth Harrison
Project Manager

Test results meet the requirements of NELAC unless otherwise noted.

Date Reported : 7/28/2015

PACE ANALYTICAL
575 Broad Hollow Road
Melville, NY 11747
TEL: (631) 694-3040 FAX: (631) 420-8436
Website: www.pacelabs.com

Sample Receipt Checklist

Client Name **LRL** Date and Time Received: **7/27/2015 10:10:00 AM**

Work Order Number: **1507I72** RcptNo: **1** Received by: **MelissaWatson**

Completed by: M - Wat Reviewed by: Elizabeth Harrison

Completed Date: 7/27/2015 12:05:03 PM Reviewed Date: 7/27/2015 2:12:41 PM

Carrier name: PACE Pickup

Chain of custody present?	Yes	☑	No	☐		
Chain of custody signed when relinquished and received?	Yes	☑	No	☐		
Chain of custody agrees with sample labels?	Yes	☑	No	☐		
Are matrices correctly identified on Chain of custody?	Yes	☑	No	☐		
Is it clear what analyses were requested?	Yes	☑	No	☐		
Custody seals intact on sample bottles?	Yes	☐	No	☐	Not Present	☑
Samples in proper container/bottle?	Yes	☑	No	☐		
Were correct preservatives used and noted?	Yes	☑	No	☐	NA	☐
Preservative added to bottles:						
Sample Condition?	Intact	☑	Broken	☐	Leaking	☐
Sufficient sample volume for indicated test?	Yes	☑	No	☐		
Were container labels complete (ID, Pres, Date)?	Yes	☑	No	☐		
All samples received within holding time?	Yes	☑	No	☐		
Was an attempt made to cool the samples?	Yes	☐	No	☐	NA	☑
All samples received at a temp. of > 0° C to 6.0° C?	Yes	☐	No	☐	NA	☑
Response when temperature is outside of range:						
Sample Temp. taken and recorded upon receipt?	Yes	☐	No	☑	To	°
Water - Were bubbles absent in VOC vials?	Yes	☐	No	☐	No Vials	☑
Water - Was there Chlorine Present?	Yes	☐	No	☐	NA	☑
Water - pH acceptable upon receipt?	Yes	☐	No	☐	No Water	☑
Are Samples considered acceptable?	Yes	☑	No	☐		
Custody Seals present?	Yes	☐	No	☑		
Airbill or Sticker?	Air Bill	☐	Sticker	☐	Not Present	☑

Airbill No:

Case Number: SDG: SAS:

Any No response should be detailed in the comments section below, if applicable.

Client Contacted? ☐ Yes ☐ No ☑ NA Person Contacted:

Contact Mode: ☐ Phone: ☐ Fax: ☐ Email: ☐ In Person:

Client Instructions:

Date Contacted: Contacted By:

Regarding:

Comments:

CorrectiveAction:

Pace Analytical
575 Broad Hollow Road , Melville, NY 11747
TEL: (631) 694-3040 FAX: (631) 420-8436
NYSDOH ID#10478 www.pacelabs.com

WorkOrder :
1507I72

Certifications

STATE	CERTIFICATION #
NEW YORK	10478
NEW JERSEY	NY158
CONNECTICUT	PH-0435
MARYLAND	208
MASSACHUSETTS	M-NY026
NEW HAMPSHIRE	2987
RHODE ISLAND	LAO00340
PENNSYLVANIA	68-00350

PACE ANALYTICAL

~~H2M LABS, INC.~~

575 Broad Hollow Rd., Melville, NY 11747
Tel: (631) 694-3040 Fax:(631) 420-8436

0877

AIR CANISTER CHAIN OF CUSTODY

Client Contact Information	Project Manager: Scott Yanuck	CLIENT: Laurel Environmental Ass	H2M SDG NO.:
Company: Laurel Environmental Associate	Phone: (631) 673-0612	Samplers Name(s) Dina Palazzolo	
Address: 53 West Hills Road	Site Contact: Scott Yanuck		
City/State/Zip Huntington Station NY 11746			
Phone: (631) 673-0612			
FAX:			
Project Name: 20 West Centennial	Analysis Turnaround Time		
Site: 20 West Centennial Ave	Standard (Specify)_____		
PO # 12-260	Rush (Specify)_____		

				Canister Pressure								Analysis				Matrix			
				FIELD		LAB													
Sample Identification	Date Collected	Time Collected	Temp. (F)	Initial("Hg) (Start)	("Hg) / PSI (Stop)	Outgoing ("Hg) (Lab)	Incoming ("Hg) (Lab)	Flow Controller ID	Canister ID	Can Size (L)	LAB ID No.	TO-15	OTHER			Indoor / Ambient Air	Soil Gas	Source Level	
System Influent	7/23/15	12:50	83	32	2			20	00191	1.4	1507172 001	✓						✓	
System Effluent	7/23/15	12:55	83	32	4			20	1628	6	↓ 002	✓						✓	

	Pressure			Temperature (Fahrenheit)			
	Ambient	Maximum	Minimum		Ambient	Maximum	Minimum
Start				Start			
Stop				Stop			

Special Instructions/QC Requirements & Comments:

Samples Relinquished by:	Date/Time: 7/24/15 9:30am	Received by:	Date/Time: 7/27/15 9:45AM
Relinquished by:	Date/Time: 7/27/15 10:10 AM	Received by:	Date/Time: 7-27-15 10:40

WHITE COPY - ORIGINAL YELLOW COPY - CLIENT PINK COPY - LABORATORY

* Notify lab if equipment is damaged upon receipt. Client is responsible for damage to equipement

APPENDIX B

Waste Manifests

AARCO Environmental Services Corp.

DAILY JOB REPORT

Client Name: Laurel Environmental Date: 6/18/13

Job No.: 13-M497 Weather: Sunny

Job Name/Location: 20 w Centennial Ave Day of the Week: Tuesday
Roosevelt NY

Start Time 5:30 AM	Leave Site 1:00 PM
Leave Yard 6:15 AM To Clearbrook to Dump.	Back In Yard
Arrive At Site 9:50 AM	Clock Out

Work Performed:

Cleaned out 2 Drains
Total of 7 yrds
Manifest #55673

Personnel On Site:

Sergio Magana
Daibi Pacheco

FUEL
_____ Gals

AMEX CARD
Purchase - Attach
Circle One
Y or N

Signature
Sergio Magana

Remarks (Changes, additional work, pick up material, problems with equipment, etc...):

Subcontractors on site:

Equipment (trucks, excavator, pump trick etc.)	Time In	Time Out
G449		

Client Signature: X _____ *AARCO Signature:* X Sergio Magana

AARCO Environmental Services Corp.

DAILY JOB REPORT

Client Name: Laurel Environmental Date: 6/12/13

Job No.: 13-19497 Weather: Sunny

Job Name/Location: 20 W Centennial Ave Day of the Week: Monday

Roosevelt NY

Start Time 5:30 AM	Leave Site 2:45PM
Leave Yard 6:10 AM	Back In Yard
Arrive At Site 7:00 AM	Clock Out

Work Performed:

Cleaned out completely 1 storm drain.
Cleaned out 70% of 2nd one.
Need to comeback and Finished 2nd one and 3rd one.
TRUCK Full
M#55672

Personnel On Site:

Sergio Magana
Daibi Pacheco
Mike D. Helped us for 3hrs "Problem w/ Truck G086"

FUEL
_____ Gals

AMEX CARD
Purchase - Attach
Circle One
Y or N

Signature
Sergio Magana

Remarks (Changes, additional work, pick up material, problems with equipment, etc...):

Subcontractors on site:

Equipment (trucks, excavator, pump trick etc.)	Time In	Time Out
G086		

Client Signature: X _____ *AARCO Signature:* X Sergio Magana

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

JOB# 13-19497

NON-HAZARDOUS WATER MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No. 55673	2. Page 1 of

3. Generator's Name and Mailing Address
Laurel Environmental
20 W Centennial Ave
Roosevelt NY 11575

4. Generator's Phone ( )

5. Transporter 1 Company Name **AARCO ENVIRONMENTAL SERVICES CORP.**	6. US EPA ID Number N.Y.R.0.0.0.1.0.7.3.2.6	A. Transporter's Phone **631-586-5900**
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address clearbrook 972 nicholls Rd Deer Park NY	10. US EPA ID Number	C. Facility's Phone

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. NON Haz "Solids"	001	TT	007	yd
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above

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

Approval # ~~[illegible]~~ AA-130

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

Printed/Typed Name	Signature	Month	Day	Year
Brian McCabe	[signature]	06	8	13

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Sergio Magana	[signature]	06	8	13

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

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

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR'S COPY

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

JOB # B-19497

NON-HAZARDOUS WATER MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of
. . . . .	55672	

GENERATOR

3. Generator's Name and Mailing Address
Laurel Environmental
20 Centennial Ave
Riverhead NY

4. Generator's Phone ( )

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
AARCO ENVIRONMENTAL SERVICES CORP.	N.Y.R.0.0.0.1.0.7.3.2.6	631-586-5900
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
	. . . . .	
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Nor Brook 972 Nichols Rd Deer Park NY 11729	. . . . .	

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Haz "wet Solids"	001	TT	0012	Y
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above

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

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

Printed/Typed Name	Signature	Month	Day	Year
Brian Miller Laurel	Brian Miller	06	17	13

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Sergio Magana	Sergio Magana	06	17	13

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
		.	.	.

FACILITY

19. Discrepancy Indication Space

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

Printed/Typed Name	Signature	Month	Day	Year
		.	.	.

GENERATOR'S COPY

ClearBrook Work Order

"We make it easy!"

Truck # 3420

Site # 73127

WO # 926367

Date 6/18/13 PO #

BIC# 1272 Office 631.586.0002 Toll Free 888.753.7246

Service Address

Customer Name: Aarco Environmental

Address: 20 W. Centennial Ave

City & State: Roosevelt, NY Zip: 11575

Contact: _____

Billing Address

Customer Name: _____

Address: _____

City & State: _____ Zip: _____

Contact: _____

Job/Service Time Detail

ClearBrook Departure: 615

Customer Arrival: 715

Customer Departure: 815

Disposal Arrival: _____

Disposal Departure: _____

ClearBrook Return: _____

Total/Time: _____

Reason for Delay:

Service Detail

Gallons 2500 Disposal Site Clear FLO

Tons/Yards _____ Manifest # _____

Jet ☐ Vactor ☐ Hours _____

Labor _____

Misc. _____

Emergency Charge

COD ☐ Send Invoice ☐

Sub Total _____

Tax _____ Tax Rate %

Total _____

Customer's Signature: Brian McCabe LEA

Brian M'Cabe

Print Name:

By signing, I acknowledge I have read and approve all General Terms and Conditions listed on reverse side.

Waste Type

- ☐ Sewage
- ☐ Sludge
- ☐ Leachate
- ☐ Cesspool / Septic
- ☐ Holding Tank
- ☐ Car Wash
- ☐ Exterior Brown Grease
- ☐ Interior Brown Grease
- ☐ Commercial/Industrial
- ☐ Lift Station
- ☒ Other
- ☐ Catch Basin

ClearBrook Operators

CB Driver Name: Anthony Williams

CB Helper Name: _____

Job Notes:

Pumped 2 storm drains 2500 gal

Recommendations:

Follow Up Assigned To:

Form 129 Rev 212

CLEAR FLO TECHNOLOGIES, INC.
1110 A Rte. 109
N. Lindenhurst, N.Y. 11757
Tel: (631) 956-7600
Fax: (631) 956-7020

MANIFEST NUMBER		
Part 1	Part 2	Part 3
6/17/13	715	
Date of Pick-Up	Time of Pick-Up	Chronological Number /Also Used as Sample #
(Use 2 Digit Numbers) Example 040103	(Military Time)	(Assigned at Clear Flo-Receiving Station)

LIQUID WASTE DISCHARGE MANIFEST

1. WASTEWATER STREAM IDENTIFICATION (Sections 1A, 1B, & 1C must be completed by generator or hauler)

A. Volume:	**Gallons:** 8000	**Wt. In:** 2500		**Wt. Out:**	
B. Type:	☐ Condensate Water	☐ Decant Grease	☐ Grease	☐ Industrial Rinse	☐ Leachate
	☐ Leachate Pool	☐ Pharmaceutical	☐ Septic/Septage	☐ Sludge	☒ Storm Water
	☐ STP Effluent	☐ Transfer Leachate	**Other:**		
C. Source	☐ Home/Apt.	☒ Office/Commercial	☐ Municipal	☐ Industrial	☐ Other

Description of Other and special handling instructions, if any _____

2. GENERATOR OF WASTEWATER (Sections 2A, 2B, & 2C must be completed by generator or hauler)

A. Complete Name (print or type): Arco Environmental B. Tel. No.: _____

C. Complete Pickup Address: 20 W. Centennial Ave Roosevelt, NY 11575

ALL WASTEWATERS ARE SUBJECT TO THE TERMS AND CONDITIONS CONTAINED IN THE DISCHARGE PERMIT

The undersigned, being duly authorized, does hereby certify to the best of their knowledge to the accuracy of the source and type of wastewater identified and subject to this manifest. **SECTION D GENERATOR SIGNATURE REQUIRED**

D. Signature of Generator or Agent: [signature] LEA Date: 6/17/13

3. **HAULER OF LIQUID WASTE** (Sections 3A, 3B, 3C, 3D and 3E must be completed by hauler)

A. Company name (print or type): Clear Brook
B. SCDPW Permit No.: _____ C. Vehicle License No.: 3502 D. Pump Out Date: 6/17/13
E. NYS DEC Permit No.: 2A-263

The above described liquid waste was picked up and hauled by me to the disposal facility named below and was discharged. I certify under penalty of perjury that the foregoing is true and correct.

F. Signature of authorized agent and title: [signature]

4. **ACCEPTANCE BY CLEAR FLO TECHNOLOGIES, INC.** (must be completed by disposer)

The above hauler delivered the described wastewater to the disposal facility and it was accepted.

Disposal Date: _____ Sample ID No.: _____

Signature of authorized agent and title: _____

PINK-GENERATOR YELLOW-TRANSPORTER WHITE_DISPOSAL FACILITY GOLD-FILE

FREEHOLD CARTAGE INC.

P.O. BOX 5010 • FREEHOLD, NJ 07728-5010
(732) 462-1001 • FAX (732) 308-0924

BILL OF LADING

FCI EPA ID NO. NJD054126164

S 529622

350 Pigeon Point Road New Castle, DE 19720 Phone: (302) 658-2005 Fax: (302) 658-6229	175 Bartow Mun. Airport Bartow, FL 33830 Phone: (863) 533-4599 Fax: (863) 533-1613	5533 Dunham Road Maple Heights, OH 44137 Phone: (330) 835-3473 Fax: (330) 835-3732	108 Monahan Avenue Dunmore, PA 18512 Phone: (570) 342-7232 Fax: (570) 342-7367	132 Myrtle Beach Hwy. Sumter, SC 29153 Phone: (803) 773-2611 Fax: (803) 773-2942

SHIPPER NAME/ADDRESS: 20 W. Centennial Corp, Roosevelt, NY.

PHONE (AREA CODE):

TRACTOR: 900 | TRAILER: 4471 | APPOINTMENT TIME:

FCI REP. LOADING (PRINT): T Conklin | PROCEDURE: Live Load | EQUIP. SPOTTED: | EQUIP. REMOVED: 1200

TIME AT SHIPPER (MILITARY TIME ONLY): 8:00 ARRIVAL TIME | 8:45 DEPARTURE TIME

COMMENTS OR DELAYS AT SHIPPER:

EQUIPMENT USED: 1-Liner

BROKER:

PO#: | WO#: 0560729

MANIFEST / DOCUMENT NO.

(X) HM		PROPER U.S. D.O.T. SHIPPING NAME	U.S. D.O.T. HAZARDOUS CLASS	NA/UN/NO.	PACKING GROUP	NO. CONT.	CONT. TYPE	NET QUANTITY	UNIT MEASURE	WASTE NO.	FORM
X	1	Haz Waste Solid	9	3077	III	1	cm	20 Est	T	F002	S
	2										
	3										

SPECIAL HANDLING INSTRUCTIONS INCLUDING CONTAINER EXEMPTION NUMBER.

SHIPPER'S CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation, U.S. EPA and the State. The materials described above were consigned to the Transporter named. The consignee can and will accept the shipment and has a valid permit to do so if required. I certify that the foregoing is true and correct to the best of my knowledge.

Payment to the contractor for waste removal does not constitute payment to the carrier and if the contractor does not pay the carrier, the shipper is obligated to pay the agreed rate offered to the contractor.

PLEASE PRINT NAME/TITLE: Brian McCabe

SHIPPER'S SIGNATURE: X [signature] I HAVE READ THE ABOVE AND UNDERSTAND AND AGREE TO ALL OF ITS CONTENT.

DATE LOADED: 3 / 30 / 15 (MO. DAY YR.)

CONSIGNEE NAME/ADDRESS: Gulf Stream, Plattsburgh, N.Y.

PHONE (AREA CODE):

TRACTOR: 900 | TRAILER: 4471 | APPOINTMENT TIME:

FCI REP. UNLOADING (PRINT): T Conklin | PROCEDURE: Remanifest | EQUIP. SPOTTED: | EQUIP. REMOVED: 1200

TIME AT CONSIGNEE (MILITARY TIME ONLY): 16:30 ARRIVAL TIME | 16:45 DEPARTURE TIME

COMMENTS OR DELAYS AT CONSIGNEE:

EQUIPMENT USED:

PLEASE PRINT NAME/TITLE: Rhonda L Barber, Pres

CONSIGNEE SIGNATURE: X Rhonda L Barber Pres

DATE UNLOADED: 3 / 30 / 15 (MO. DAY YR.)

AR H-0257	MD HWH-167 2001-OPV-2335	MO H-1490	OH UPW-0190713-OH	TX 40705
CT CT-HW-307	ME ME-HWT-47 ME-WOT-47	ND WH-429	OK UPW-0190713-OH	WI 11602
DE DE-HW-203 DE-SW-203	MI UPW-0190713-OH	NH TNH-0047	ONTARIO, CANADA A 840943	WV UPW-0190713-OH
IL UPW-0190713-OH	MN UPW-0190713-OH	NJ S-2265 15939	PA PA-AH-0067	
MA MA-294		NY NJ-113	QUEBEC, CANADA QC-6ML-047	
			RI RI-535	

White - FCI Original
Yellow - FCI Billing
Blue - FCI Office/Customer
Green - Retained by TSDF
Gold - Retained by Generator

S 529622

FCI

FREEHOLD CARTAGE INC.

P.O. BOX 5010 • FREEHOLD, NJ 07728-5010
(732) 462-1001 • FAX (732) 308-0924

BILL OF LADING

FCI EPA ID NO. NJD054126164

S529623

350 Pigeon Point Road New Castle, DE 19720 Phone: (302) 658-2005 Fax: (302) 658-6229	175 Bartow Mun. Airport Bartow, FL 33830 Phone: (863) 533-4599 Fax: (863) 533-1613	5533 Dunham Road Maple Heights, OH 44137 Phone: (330) 835-3473 Fax: (330) 835-3732	108 Monahan Avenue Dunmore, PA 18512 Phone: (570) 342-7232 Fax: (570) 342-7367	132 Myrtle Beach Hwy. Sumter, SC 29153 Phone: (803) 773-2611 Fax: (803) 773-2942

SHIPPER NAME/ADDRESS: Gulf Stream
Plattsburg, NY,

PHONE (AREA CODE):

TRACTOR: 900 TRAILER: 4471

APPOINTMENT TIME: :

FCI REP. LOADING (PRINT): T. Conklin
PROCEDURE: Remanifest
EQUIP. SPOTTED:
EQUIP. REMOVED: 1200

TIME AT SHIPPER (MILITARY TIME ONLY): 16:30 ARRIVAL TIME 16:45 DEPARTURE TIME

COMMENTS OR DELAYS AT SHIPPER:

EQUIPMENT USED:

BROKER:

PO#: WO#:

MANIFEST / DOCUMENT NO.

(X) HM		PROPER U.S. D.O.T. SHIPPING NAME	U.S. D.O.T. HAZARDOUS CLASS	NA/UN/NO.	PACKING GROUP	NO. CONT.	CONT. TYPE	NET QUANTITY	UNIT MEASURE	WASTE NO.	FORM
X	1	Haz Waste Solid	9	3077	III	1	cm	20, Est	T		
	2										
	3										

SPECIAL HANDLING INSTRUCTIONS INCLUDING CONTAINER EXEMPTION NUMBER.

SHIPPER'S CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation, U.S. EPA and the State. The materials described above were consigned to the Transporter named. The consignee can and will accept the shipment and has a valid permit to do so if required. I certify that the foregoing is true and correct to the best of my knowledge.

Payment to the contractor for waste removal does not constitute payment to the carrier and if the contractor does not pay the carrier, the shipper is obligated to pay the agreed rate offered to the contractor.

PLEASE PRINT NAME/TITLE: Rhonda Barber Pres

SHIPPER'S SIGNATURE: X Rhonda Barber Pres
I HAVE READ THE ABOVE AND UNDERSTAND AND AGREE TO ALL OF ITS CONTENT.

DATE LOADED: 3 / 30 / 15 (MO. DAY YR.)

CONSIGNEE NAME/ADDRESS: Englobe
Montreal East, Qc.

PHONE (AREA CODE):

TRACTOR: 900 TRAILER: 4471

APPOINTMENT TIME: :

FCI REP. UNLOADING (PRINT): T Conklin
PROCEDURE: unload
EQUIP. SPOTTED:
EQUIP. REMOVED: 1200

TIME AT CONSIGNEE (MILITARY TIME ONLY): 8:00 ARRIVAL TIME 8:30 DEPARTURE TIME

COMMENTS OR DELAYS AT CONSIGNEE:

EQUIPMENT USED:

PLEASE PRINT NAME/TITLE:

CONSIGNEE SIGNATURE: X

DATE UNLOADED: 3 / 31 / 15 (MO. DAY YR.)

AR H-0257 CT CT-HW-307 DE DE-HW-203 DE-SW-203 IL UPW-0190713-OH MA MA-294	MD HWH-167 2001-OPV-2335 ME ME-HWT-47 ME-WOT-47 MI UPW-0190713-OH MN UPW-0190713-OH	MO H-1490 ND WH-429 NH TNH-0047 NJ S-2265 15939 NY NJ-113	OH UPW-0190713-OH OK UPW-0190713-OH ONTARIO, CANADA A 840943 PA PA-AH-0067 QUEBEC, CANADA QC-6ML-047 RI RI-535	TX 40705 WI 11602 WV UPW-0190713-OH

White - FCI Original
Yellow - FCI Billing
Blue - FCI Office/Customer
Green - Retained by TSDF
Gold - Retained by Generator

S529623

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

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number NYD002173110	2. Page 1 of 1	3. Emergency Response Phone	4. Manifest Tracking Number 01394411 JJK

GENERATOR

5. Generator's Name and Mailing Address: Gulfstream Corp. 20 West Centennial Avenue Roosevelt NY 11575 347-701-0121
Generator's Phone:
Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Freehold Cartage, Inc.
U.S. EPA ID Number: NJD054126164

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address: 8365 Avenue Broadway Nord, Montreal-East, Quebec, H1B 5X7 514 644-1405
Facility's Phone:
U.S. EPA ID Number: 1167280206

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN3077, RQ, Waste Environmentally hazardous substances, Solid, n.o.s. 9, PGIII (Tetrachloroethylene)	001	DT	Est 40,000	P	F002		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
Gulfstream TLC acting as intermediary arranging for export. Soil contaminated with tetrachloroethylene.
ERG #171 USEPA AOC #9531-4E/14

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Brian Miller for Gulfstream Corp.
Signature:
Month: 03 Day: 30 Year: 15

INT'L

16. International Shipments ☐ Import to U.S. ☒ Export from U.S. Port of entry/exit: Lewis Point, NY
Transporter signature (for exports only): Timothy B Conklin
Date leaving U.S.: 3-30-15

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Timothy B Conklin
Signature: Timothy B Conklin
Month: 03 Day: 30 Year: 15

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number: P2273

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name
Signature
Month Day Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

TRANSPORTER'S COPY

EDI Electronic Manifest

CRN number: 358520325932

358520325932

Tractor Plate	**AG609S**	**NJ**
Trailer Plate(s)	**167678C**	**ME**

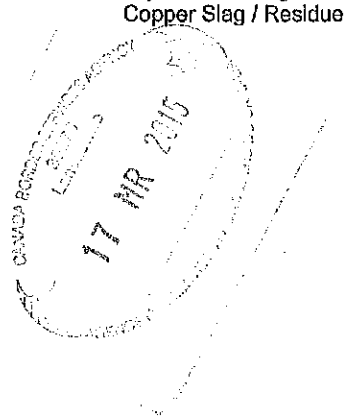
Earliest arrival
calculated 1 hour after CBSA acceptance of Conveyance

First Port Of Arrival Lansdowne (Thousand Islands Bridge)

Driver name Timothy B Conklin

Cargo

CCN number	Inbond #	Shipper / Consignee	Cargo details
3585040437		Johnson Mat/Glencore Ca	Qty: 1 CBC Weight: 14968 K Copper Slag / Residue



MOVEMENT DOCUMENT / MANIFEST
DOCUMENT DE MOUVEMENT / MANIFESTE

This Movement document/manifest conforms to all federal and provincial transport and environmental legislation.
Ce document de mouvement/manifeste est conforme aux législations fédérale et provinciale sur l'environnement et le transport.

M11802

Movement Document / Manifest Reference No.
N° de référence du document de mouvement/manifeste **9621878-9**

A Generator / consignor — Producteur / expéditeur

Registration No. / Provincial ID No. — N° d'immatriculation - d'id. provincial (1): NYR000156539

Company name / Nom de l'entreprise: Gulfstream TLC, Inc.

Mailing address / Adresse postale, City / Ville, Province, Postal code / Code postal: 1380 Military Turnpike #410 Plattsburgh NY 12901

E-mail / Courrier électronique — Tel. No. / N° de tél.: (518) 782-2539

Shipping site address / Adresse du lieu de l'expédition: 1380, Military Tnpk #410

City / Ville: Plattsburgh — Province: NY — Postal code / Code postal: 12901

Intended Receiver / consignee — Réceptionnaire / destinataire prévu (2): EnGlobe Corp — Registration No. / Provincial ID No. — N° d'immatriculation - d'id. provincial: 116728020S

Mailing address / Adresse postale, City / Ville, Province, Postal code / Code postal: 8365 Ave. Broadway Nord, Mtl, QC H1B 5X7

E-mail / Courrier électronique — Tel. No. / N° de tél.: 514 644-1405

Receiving site address / Adresse du lieu de destination: 8365 Avenue Broadway Nord

City / Ville: Montreal-Est — Province: Quebec — Postal code / Code postal: H1B 5X7

B Carrier — Transporteur

Registration No. / Provincial ID No. — N° d'immatriculation - d'id. provincial (23): NJD054126164

Company name / Nom de l'entreprise: Freehold Cartage, Inc.

Mailing address / Adresse postale, City / Ville, Province, Postal code / Code postal: 825, Highway 33, Freehold, NJ 07728

E-mail / Courrier électronique — Tel. No. / N° de tél.: (732) 462-1001

Vehicle / Véhicule	Registration No. / N° d'immatriculation	Prov. (24)
Trailer - Rail car No. 1 / 1er remorque - wagon	16 7678C	ME
Trailer - Rail car No. 2 / 2e remorque - wagon		

Port of entry / Point d'entrée: St-Bernard-Lacolle Qc (International use only) — Port of exit / Point de sortie: Champlain, NY (25)

Carrier Certification : I certify that I have received waste or recyclable material from the generator / consignor for delivery to the receiver / consignee as set out in Part A and that the information contained in Part B is complete and correct. (26)
Attestation du transporteur : J'atteste avoir reçu les déchets ou matières recyclables du producteur / expéditeur en vue de leur livraison au réceptionnaire / destinataire, tels qu'ils figurent à la partie A et que les renseignements inscrits à la partie B sont exacts et complets.

Name of authorized person (print): / Nom de l'agent autorisé (caractères d'imprimerie): Timothy B Conklin — Tel. No. / N° de tél.: 732-462-1001

Year / Année: 15 — Month / Mois: 03 — Day / Jour: 30 — Signature: [signature]

Shipment details

Prov. code / Code prov. (3)	Shipping name / Appellation réglementaire (4)	Class / Classe, Sub. class(es) / Classe(s) sub. (5)	UN No. / N°NU (6)	Packing / risk gr. / Gr. d'emballage/ de risque (7)	Quantity shipped / Quantité expédiée	Units / L or / ou Kg / Unités (8)	Packaging/Contenant No. / N°	Codes Int.– ext. (9)	Phys. state / État phys. (10)
(i) 0018	Waste, Environmentally Hazardous	n/a	n/a	n/a	1818	kg	01	01	S23
(ii)	Substance, Solid, N.O.S.								
(iii)	(Tetrachloroethylene)								
(iv)									

	Notice No. / N° de notification	Notice Line No / N° de ligne de la notification (11)	Shipment / Envoi	Of / De (12)	D or R code / Code D ou R (13)	C code / Code C (14)	Basel Annex VIII or OECD Code / Annexe VIII de Bâle ou Code OCDE (15)	H code / Code H (16)	Y code / Code Y (17)	Export / Exportation	Import / Importation (18)	Customs code(s) / Code(s) de douanes (19)
(i)	534004	3	399		D8	C41	A3120	H12	Y41	-	-	3825.90.00.00
(ii)												
(iii)	International use only											
(iv)												

Generator / consignor certification: I certify that the information contained in Part A is correct and complete. (20)
Attestation du producteur / expéditeur: J'atteste que tous les renseignements à la partie A sont exacts et complets.

Name of authorized person (print) / Nom de l'agent autorisé (caractère d'imprimerie): Daniel Barber, Pres — Signature: [signature] — Tel. No. / N° de tél.: 518 561 7780

C Receiver / consignee — Réceptionnaire / destinataire

Reference Nos. of other movement document(s)/manifest(s) used / N° de référence des autres documents de mouvement/manifestes utilisés (27)

Registration No. / Provincial ID No. — N° d'immatriculation - d'id. provincial (28): 116 728 0206

Receiver / consignee information same as in Part A / Les renseignements du réceptionnaire / destinataire sont les mêmes qu'à la Partie A
☑ Yes / Oui ☐ No, complete the box below / Non, remplir la case ci-dessous

Company name / Nom de l'entreprise:
Mailing address / Adresse postale:
City / Ville — Province — Postal code / Code postal
E-mail / Courrier électronique — Tel. No. / N° de tél.: ( )
Receiving site address / Adresse du lieu de destination:

Date received / Date de réception (29): Year / Année: 2015 — Month / Mois: 03 — Day / Jour: 31 — Time / Heure: 08:00 ☒ A.M. ☐ P.M.

If waste or recyclable material to be transferred, specify intended company name/ Si les déchets ou matières recyclables doivent être transférés, préciser le nom du destinataire — (30) Registration No./Provincial ID No. / N° d'immatriculation/d'id provincial

Quantity received / Quantité reçue	Units / L or / ou kg / Unités (31)	Comments / Commentaires (32)	Handling Code / Code de manutention (33)	Shipment / Envoi Accepted / Accepté	Refused / Refusé (34)	Decont. Pack. / Cont. (35)	Veh. / Véh.
16480	kg	ok	5	X		ok	

If handling code "Other" (specify) / Si code de manutention « autre » (spécifier) (36)

Receiver / consignee certification : I certify that the information contained in Part C is correct and complete. / **Attestation du réceptionnaire / destinataire :** J'atteste que tous les renseignements à la partie C sont exacts et complets. (37)

Name of authorized person (print) / Nom de l'agent autorisé (caractère d'imprimerie):

Signature: [signature] — Tel. No. / N° de tél.: ( )

Special handling / Manutention spéciale (22): Emergency Contact ☐ Attached / Ci-joint ☐ As follows / Comme suit: CANUTEC 613-996-6666

Date shipped / Date d'expédition (21): Year / Année: 15 — Month / Mois: 03 — Day / Jour: 30 — Time / Heure: 1625 ☐ A.M. ☒ P.M.

Scheduled arrival date / Date d'arrivée prévue: Year / Année: 15 — Month / Mois: 03 — Day / Jour: 31

MOE 04-1917 (12/13)

VP10 / Signing for Gulfstream

Retained by Carrier - Gardée par le transporteur

Copy / Copie 4 (pink / rose

FREEHOLD CARTAGE INC.

P.O. BOX 5010 • FREEHOLD, NJ 07728-5010
(732) 462-1001 • FAX (732) 308-0924

BILL OF LADING

FCI EPA ID NO. NJD054126164

S 512815

350 Pigeon Point Road New Castle, DE 19720 Phone: (302) 658-2005 Fax: (302) 658-6229	175 Bartow Mun. Airport Bartow, FL 33830 Phone: (863) 533-4599 Fax: (863) 533-1613	5533 Dunham Road Maple Heights, OH 44137 Phone: (330) 835-3473 Fax: (330) 835-3732	108 Monahan Avenue Dunmore, PA 18512 Phone: (570) 342-7232 Fax: (570) 342-7367	132 Myrtle Beach Hwy. Sumter, SC 29153 Phone: (803) 773-2611 Fax: (803) 773-2942

SHIPPER NAME/ADDRESS: 20 west Centennial Corp
20 W. Centennial Ave
Roosevelt, NY 11575

PHONE (AREA CODE):

TRACTOR: 796 | TRAILER: 380 | APPOINTMENT TIME:

FCI REP. LOADING (PRINT): Alan K Bossick | PROCEDURE: LL | EQUIP. SPOTTED: 9981 | EQUIP. REMOVED:

TIME AT SHIPPER (MILITARY TIME ONLY): ARRIVAL TIME: 1215 | DEPARTURE TIME: 1345

COMMENTS OR DELAYS AT SHIPPER:

EQUIPMENT USED: 1-Liner

BROKER:

PO#: | WO#: 1058027

MANIFEST / DOCUMENT NO. 013394412 JJK

(X) HM		PROPER U.S. D.O.T. SHIPPING NAME	U.S. D.O.T. HAZARDOUS CLASS	NA/IJN/NO.	PACKING GROUP	NO. CONT.	CONT. TYPE	NET QUANTITY	UNIT MEASURE	WASTE NO.	FORM
X	1	NA 3077 RQ waste Environmentaly Hazardous	9	3077	III	1	CM	20	Y	F002	5
	2	Substances									
	3										

SPECIAL HANDLING INSTRUCTIONS INCLUDING CONTAINER EXEMPTION NUMBER:

SHIPPER'S CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation, U.S. EPA and the State. The materials described above were consigned to the Transporter named. The consignee can and will accept the shipment and has a valid permit to do so if required. I certify that the foregoing is true and correct to the best of my knowledge.

Payment to the contractor for waste removal does not constitute payment to the carrier and if the contractor does not pay the carrier, the shipper is obligated to pay the agreed rate offered to the contractor.

PLEASE PRINT NAME/TITLE: Brian M'Cabe

SHIPPER'S SIGNATURE: X [signature] I HAVE READ THE ABOVE AND UNDERSTAND AND AGREE TO ALL OF ITS CONTENT.

DATE LOADED: 3 / 30 / 15 (MO. / DAY / YR.)

CONSIGNEE NAME/ADDRESS: Englobe Corp % Gulf Stream
8365 Broadway Nord
Montreal Quebec Can H1B5X7

PHONE (AREA CODE):

TRACTOR: 896 | TRAILER: 350 | APPOINTMENT TIME:

FCI REP. UNLOADING (PRINT): Alan K Bossick | PROCEDURE: U Flip | EQUIP. SPOTTED: 9981 | EQUIP. REMOVED:

TIME AT CONSIGNEE (MILITARY TIME ONLY): ARRIVAL TIME: 0830 | DEPARTURE TIME: 0845

COMMENTS OR DELAYS AT CONSIGNEE:

EQUIPMENT USED:

PLEASE PRINT NAME/TITLE: Rhonda L Barber. Pres

CONSIGNEE SIGNATURE: X Rhonda L Barber. Pres

DATE UNLOADED: 3 / 31 / 15 (MO. / DAY / YR.)

AR H-0257	MD HWH-167 2001-OPV-2335	MO H-1490	OH UPW-0190713-OH	TX 40705
CT CT-HW-307	ME ME-HWT-47 ME-WOT-47	ND WH-429	OK UPW-0190713-OH	WI 11602
DE DE-HW-203 DE-SW-203	MI UPW-0190713-OH	NH TNH-0047	ONTARIO, CANADA A 840943	WV UPW-0190713-OH
IL UPW-0190713-OH	MN UPW-0190713-OH	NJ S-2265 15939	PA PA-AH-0067	
MA MA-294		NY NJ-113	QUEBEC, CANADA QC-6ML-047	
			RI RI-535	

White - FCI Original
Yellow - FCI Billing
Blue - FCI Office/Customer
Green - Retained by TSDF
Gold - Retained by Generator

S 512815

FREEHOLD CARTAGE INC.

P.O. BOX 5010 • FREEHOLD, NJ 07728-5010
(732) 462-1001 • FAX (732) 308-0924

BILL OF LADING

FCI EPA ID NO. NJD054126164

S 512816

350 Pigeon Point Road	175 Bartow Mun. Airport	5533 Dunham Road	108 Monahan Avenue	132 Myrtle Beach Hwy.
New Castle, DE 19720	Bartow, FL 33830	Maple Heights, OH 44137	Dunmore, PA 18512	Sumter, SC 29153
Phone: (302) 658-2005	Phone: (863) 533-4599	Phone: (330) 835-3473	Phone: (570) 342-7232	Phone: (803) 773-2611
Fax: (302) 658-6229	Fax: (863) 533-1613	Fax: (330) 835-3732	Fax: (570) 342-7367	Fax: (803) 773-2942

SHIPPER NAME/ADDRESS	PHONE (AREA CODE)	TRACTOR	TRAILER	APPOINTMENT TIME
West Centennial Corp % Gulf Stream Plattsburg NY		896	380	:

FCI REP. LOADING (PRINT)	PROCEDURE	EQUIP. SPOTTED	EQUIP. REMOVED	TIME AT SHIPPER	(MILITARY TIME ONLY)
Alan K Bessick	Remanifest	9981		:0830 ARRIVAL TIME	:0845 DEPARTURE TIME

COMMENTS OR DELAYS AT SHIPPER	EQUIPMENT USED

BROKER:

PO#:

WO#: 1058027.01

MANIFEST / DOCUMENT NO. 013394412 JJK

(X) HM		PROPER U.S. D.O.T. SHIPPING NAME	U.S. D.O.T. HAZARDOUS CLASS	NA/UN/NO.	PACKING GROUP	NO. CONT.	CONT. TYPE	NET QUANTITY	UNIT MEASURE	WASTE NO.	FORM
X	1	Waste Environmentally Hazardous Substances	9	3077	III	1	cm	20	Y	F002	S
	2										
	3										

SPECIAL HANDLING INSTRUCTIONS INCLUDING CONTAINER EXEMPTION NUMBER.

See BL# 512815

SHIPPER'S CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation, U.S. EPA and the State. The materials described above were consigned to the Transporter named. The consignee can and will accept the shipment and has a valid permit to do so if required. I certify that the foregoing is true and correct to the best of my knowledge.

Payment to the contractor for waste removal does not constitute payment to the carrier and if the contractor does not pay the carrier, the shipper is obligated to pay the agreed rate offered to the contractor.

PLEASE PRINT NAME/TITLE	SHIPPER'S SIGNATURE	DATE LOADED
Rhonda L Rauber, Pres	X Rhonda L Rauber, Pres I HAVE READ THE ABOVE AND UNDERSTAND AND AGREE TO ALL OF ITS CONTENT.	3 / 31 / 15 MO. DAY YR.

CONSIGNEE NAME/ADDRESS	PHONE (AREA CODE)	TRACTOR	TRAILER	APPOINTMENT TIME
En Globe Corp 8365 Ave. Broadway Nord Montreal-East QC H1B 5X7		896	380	:

FCI REP. UNLOADING (PRINT)	PROCEDURE	EQUIP. SPOTTED	EQUIP. REMOVED	TIME AT CONSIGNEE	(MILITARY TIME ONLY)
Alan K Bessick	unload	9981		1145 ~~:0830~~ ARRIVAL TIME	1245 ~~:0845~~ DEPARTURE TIME

COMMENTS OR DELAYS AT CONSIGNEE	EQUIPMENT USED
See BL# 512815	

PLEASE PRINT NAME/TITLE	CONSIGNEE SIGNATURE	DATE UNLOADED
	X	3 / 31 / 15 MO. DAY YR.

AR H-0257	MD HWH-167 2001-OPV-2335	MO H-1490	OH UPW-0190713-OH	TX 40705
CT CT-HW-307	ME ME-HWT-47 ME-WOT-47	ND WH-429	OK UPW-0190713-OH	WI 11602
DE DE-HW-203 DE-SW-203	MI UPW-0190713-OH	NH TNH-0047	ONTARIO, CANADA A 840943	WV UPW-0190713-OH
IL UPW-0190713-OH	MN UPW-0190713-OH	NJ S-2265 15939	PA PA-AH-0067	
MA MA-294		NY NJ-113	QUEBEC, CANADA QC-6ML-047	
			RI RI-535	

White - FCI Original
Yellow - FCI Billing
Blue - FCI Office/Customer
Green - Retained by TSDF
Gold - Retained by Generator

S 512816

SOLUTION
CENTRE DE TRAITEMENT DE SOL

Centre de traitement de sol / Soil Treatment Facility
8365, Broadway Nord, Montréal (Québec) H1B 5X7

SOLUTION
SOIL TREATMENT FACILITY

P- 6215

N° d'autorisation / Authorization No.: _____

Plage de contamination / Contamination level:

☐ *AB* ☐ *BC* ☐ *>C* ☒ *>RESC (>D)*

☐ *à caractériser / sampling on arrival (n° échantillon / sample ID):* _____

☐ *Autres / Other:* _____

Transporteur / Carrier: F C L

Immatriculation / Truck ID: 376

_____
Signature du conducteur / Driver's signature

_____
Acceptation des sols / Soil acceptance

Vente de sable / Sand purchase:

Classe / Class ☐ *A* ☐ *B*

Autres / Other: _____

Pesée / Weighing:

Remarques / Remarks: _____

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NYR000217810
2. Page 1 of: 1
3. Emergency Response Phone: 631-662-0523
4. Manifest Tracking Number: 013394412 JJK

5. Generator's Name and Mailing Address:
20 West Centennial Corp.
20 West Centennial Avenue Roosevelt NY 11575
Generator's Phone: 347-701-0121

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Freehold Cartage, Inc. — U.S. EPA ID Number: NJD054126164

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address:
EnGlobe Corp.
8365 Avenue Broadway Nord, Montreal-East, Quebec, H1B 5X7
Facility's Phone: 514 644-1405
U.S. EPA ID Number: 1167280206

GENERATOR

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3077, RQ, Waste Environmentally hazardous substances, Solid, n.o.s. 9, PGIII (Tetrachloroethylene)	001	DT	20	Y KA	F002
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Gulfstream TLC acting as intermediary arranging for export. Soil contaminated with tetrachloroethylene.
ERG #171 USEPA AOC #9531/4E/14

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: [handwritten name] Representative for 20 W... — Signature: [signature] — Month 3 Day 30 Year 15

INT'L
16. International Shipments ☐ Import to U.S. ☒ Export from U.S. Port of entry/exit: Rouses Point, NY Champlain, NY
Transporter signature (for exports only): [signature] Date leaving U.S.: 3/31/15

TRANSPORTER
17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Alan K Rossick — Signature: [signature] — Month 03 Day 30 Year 15
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY
18. Discrepancy
18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
12650 K
Manifest Reference Number: 12-6215
18b. Alternate Facility (or Generator): ... 512 815 — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name — Signature — Month 03 Day 31 Year 2015

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. **TRANSPORTER'S COPY**

MOVEMENT DOCUMENT / MANIFEST
DOCUMENT DE MOUVEMENT / MANIFESTE

This Movement document/manifest conforms to all federal and provincial transport and environmental legislation.
Ce document de mouvement/manifeste est conforme aux législations fédérale et provinciale sur l'environnement et le transport.

M11802

Movement Document / Manifest Reference No. / N° de référence du document de mouvement/manifeste: **9621881-3**

A — Generator / consignor / Producteur / expéditeur
Registration No. / Provincial ID No. / N° d'immatriculation - d'id. provincial (1): NYR000156539
Company name / Nom de l'entreprise: Gulfstream TLC, Inc.
Mailing address / Adresse postale, City / Ville, Province, Postal code / Code postal: 1080 Military Tnpk#410 Plattsburgh NY 12901
E-mail / Courrier électronique:
Tel. No. / N° de tél.: 800-782-2539
Shipping site address / Adresse du lieu de l'expédition: 1080, Military Tnpk #410.
City / Ville: Plattsburgh — Province: NY — Postal code / Code postal: 12901

Intended Receiver / consignee / Réceptionnaire / destinataire prévu (2): EnGlobe Corp
Registration No. / Provincial ID No. / N° d'immatriculation - d'id. provincial: 1167280206
Mailing address / Adresse postale, City / Ville, Province, Postal code / Code postal: 8365 Ave. Broadway Nord, Mtl, QC H1B 5X7
E-mail / Courrier électronique:
Tel. No. / N° de tél.: 514 644-1405
Receiving site address / Adresse du lieu de destination: 8365 Avenue Broadway Nord
City / Ville: Montreal-Est — Province: Quebec — Postal code / Code postal: H1B 5X7

B — Carrier / Transporteur
Registration No. / Provincial ID No. / N° d'immatriculation - d'id. provincial (23): NJD054126164
Company name / Nom de l'entreprise: Freehold Cartage, Inc.
Mailing address / Adresse postale, City / Ville, Province, Postal code / Code postal: 825, Highway 33, Freehold, NJ 07728
E-mail / Courrier électronique:
Tel. No. / N° de tél.: (732) 462-1001

Vehicle / Véhicule	Registration No. / N° d'immatriculation	Prov. (24)
Trailer - Rail car No. 1 / 1er remorque - wagon	1659613	Me.
Trailer - Rail car No. 2 / 2e remorque - wagon		

Port of entry / Point d'entrée: St-Bernard Lacolle Qc — Port of exit / Point de sortie (25): Champlain, NY

Carrier Certification: I certify that I have received waste or recyclable material from the generator / consignor for delivery to the receiver / consignee as set out in Part A and that the information contained in Part B is complete and correct. (26)
Attestation du transporteur: J'atteste avoir reçu les déchets ou matières recyclables du producteur / expéditeur en vue de leur livraison au réceptionnaire / destinataire, tels qu'ils figurent à la partie A et que les renseignements inscrits à la partie B sont exacts et complets.

Name of authorized person (print) / Nom de l'agent autorisé (caractères d'imprimerie): Alan k Rossick
Tel. No. / N° de tél.: 732-462-1001
Year / Année — Month / Mois — Day / Jour:
Signature: [signature]

Reference Nos. of other movement document(s)/manifest(s) used / N° de référence des autres documents de mouvement/manifestes utilisés (27):

C — Receiver / consignee / Réceptionnaire / destinataire
Registration No. / Provincial ID No. / N° d'immatriculation - d'id. provincial (28): 1167280206
Receiver / consignee information same as in Part A / Les renseignements du réceptionnaire / destinataire sont les mêmes qu'à la Partie A
☑ Yes / Oui ☐ No, complete the box below / Non, remplir la case ci-dessous
Company name / Nom de l'entreprise:
Mailing address / Adresse postale:
City / Ville — Province — Postal code / Code postal:
E-mail / Courrier électronique — Tel. No. / N° de tél.: ( )
Receiving site address / Adresse du lieu de destination:

Date received / Date de réception (29): Year / Année 2015 — Month / Mois 03 — Day / Jour 31 — Time / Heure 11:45 ☑ A.M. ☐ P.M.

If waste or recyclable material to be transferred, specify intended company name / Si les déchets ou matières recyclables doivent être transférés, préciser le nom du destinataire:
(30) Registration No./Provincial ID No. / N° d'immatriculation/d'id provincial:

	Prov. code / Code prov. (3)	Shipping name / Appellation réglementaire (4)	Class / Classe Sub. class(es) / Classe(s) sub. (5)	UN No. / N°NU (6)	Packing / risk gr. / Gr. d'emballage/ de risque (7)	Quantity shipped / Quantité expédiée	Units L or / ou Kg / Unités (8)	Packaging/Contenant No. / N°	Codes Int.–ext. (9)	Phys. state / État phys. (10)	Quantity received / Quantité reçue	Units / Unités L or / ou kg (31)	Comments / Commentaires (32)	Handling Code / Code de manutention (33)	Shipment / Envoi Accepted / Accepté (34)	Refused / Refusé	Decont. (35) Pack. / Cont.	Veh.
(i)	0018	Waste, Environmentally Hazardous Substance, Solid, N.O.S. (Tetrachloroethylene)	n/a	n/a	n/a	20,000	kg	01	01	S23	12650	OK	5	X			OK	OK
(ii)																		
(iii)																		
(iv)																		

	Notice No. / N° de notification (11)	Notice Line No / N° de ligne de la notification	Shipment / Envoi (12)	Of / De	D or R code / Code D ou R (13)	C code / Code C (14)	Basel Annex VIII or OECD Code / Annexe VIII de Bâle ou Code OCDE (15)	H code / Code H (16)	Y code / Code Y (17)	Export / Exportation (18)	Import / Importation	Customs code(s) / Code(s) de douanes (19)
(i)	534004	3		999	D8	C41	A3150	H12	Y41	–	–	3825.90.00.00
(ii)												
(iii)												
(iv)												

International use only

If handling code "Other" (specify) / Si code de manutention « autre » (spécifier) (36):

Receiver / consignee certification: I certify that the information contained in Part C is correct and complete. / Attestation du réceptionnaire / destinataire: J'atteste que tous les renseignements à la partie C sont exacts et complets. (37)
Name of authorized person (print) / Nom de l'agent autorisé (caractère d'imprimerie):
Signature: [signature] — Tel. No. / N° de tél.: ( )

Special handling / Manutention spéciale (22): ☐ Attached / Ci-joint ☐ As follows / Ci-contre
Emergency Contact: CANUTEC 613-996-6666

Generator / consignor certification: I certify that the information contained in Part A is correct and complete.
Attestation du producteur / expéditeur: J'atteste que tous les renseignements à la partie A sont exacts et complets.
Name of authorized person (print) / Nom de l'agent autorisé (caractère d'imprimerie): Shamia Kaduh, Pic SP 3/17/10 XPO \ Agent for Gulfstream
Signature — Tel. No. / N° de tél. (20)

(21) Date shipped / Date d'expédition: Year / Année — Month / Mois — Day / Jour — Time / Heure ☐ A.M. ☐ P.M.
Scheduled arrival date / Date d'arrivée prévue: Year / Année — Month / Mois — Day / Jour

MOE 04-1917 (12/13)

Retained by Carrier - Gardée par le transporteur

Copy / Copie 4 (pink / rose)

SOLUTION
CENTRE DE TRAITEMENT DE SOL

Centre de traitement de sol / Soil Treatment Facility
8365, Broadway Nord, Montréal (Québec) H1B 5X7

SOLUTION
SOIL TREATMENT FACILITY

P- 7273

N° d'autorisation / Authorization No.: M100

Plage de contamination / Contamination level:

☐ AB ☐ BC ☐ >C ☒ >RESC (>D)

☐ à caractériser / sampling on arrival (n° échantillon / sample ID): _____

☐ Autres / Other: _____

Transporteur / Carrier: FCT

Immatriculation / Truck ID: 100-4471

_____
Signature du conducteur / Driver's signature

_____
Acceptation des sols / Soil acceptance

Vente de sable / Sand purchase:

Classe / Class ☐ A ☐ B

Autres / Other: _____

Pesée / Weighing:

Remarques / Remarks: _____

FREEHOLD CARTAGE INC.

P.O. BOX 5010 • FREEHOLD, NJ 07728-5010
(732) 462-1001 • FAX (732) 308-0924

BILL OF LADING

FCI EPA ID NO. NJD054126164

S 515831

350 Pigeon Point Road New Castle, DE 19720 Phone: (302) 658-2005 Fax: (302) 658-6229	175 Bartow Mun. Airport Bartow, FL 33830 Phone: (863) 533-4599 Fax: (863) 533-1613	5533 Dunham Road Maple Heights, OH 44137 Phone: (330) 835-3473 Fax: (330) 835-3732	108 Monahan Avenue Dunmore, PA 18512 Phone: (570) 342-7232 Fax: (570) 342-7367	132 Myrtle Beach Hwy. Sumter, SC 29153 Phone: (803) 773-2611 Fax: (803) 773-2942

SHIPPER NAME/ADDRESS: 20 W Cammel Corp, 2001 Benton Ave Rossetti NY
PHONE: (AREA CODE)
TRACTOR: 818
TRAILER: 403
APPOINTMENT TIME: 15:00

FCI REP. LOADING (PRINT): ALS
PROCEDURE: LL
EQUIP. SPOTTED: 0318
EQUIP. REMOVED:
TIME AT SHIPPER (MILITARY TIME ONLY): ARRIVAL TIME 12:00 — DEPARTURE TIME [illegible]

COMMENTS OR DELAYS AT SHIPPER:
EQUIPMENT USED: 1 Liner

BROKER:
PO#:
WO#: 1058030
MANIFEST / DOCUMENT NO. 013359441

(X) HM		PROPER U.S. D.O.T. SHIPPING NAME	U.S. D.O.T. HAZARDOUS CLASS	NA/UN/NO.	PACKING GROUP	NO. CONT.	CONT. TYPE	NET QUANTITY	UNIT MEASURE	WASTE NO.	FORM
X	1	See Manifest	9	3077	III	1	CM	20	Yd	–	S
	2										
	3										

SPECIAL HANDLING INSTRUCTIONS INCLUDING CONTAINER EXEMPTION NUMBER.

SHIPPER'S CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation, U.S. EPA and the State. The materials described above were consigned to the Transporter named. The consignee can and will accept the shipment and has a valid permit to do so if required. I certify that the foregoing is true and correct to the best of my knowledge.

Payment to the contractor for waste removal does not constitute payment to the carrier and if the contractor does not pay the carrier, the shipper is obligated to pay the agreed rate offered to the contractor.

PLEASE PRINT NAME/TITLE: Brian McCabe
SHIPPER'S SIGNATURE: X [signature]
I HAVE READ THE ABOVE AND UNDERSTAND AND AGREE TO ALL OF ITS CONTENT.
DATE LOADED: 3 / 20 / 15 (MO. DAY YR.)

CONSIGNEE NAME/ADDRESS: Gulfstream, Plattsburgh NY
PHONE: (AREA CODE)
TRACTOR: 818
TRAILER: 403
APPOINTMENT TIME: :

FCI REP. UNLOADING (PRINT): ALS
PROCEDURE: FTP PW
EQUIP. SPOTTED: 0318
EQUIP. REMOVED:
TIME AT CONSIGNEE (MILITARY TIME ONLY): ARRIVAL TIME 08:30 — DEPARTURE TIME 08:45

COMMENTS OR DELAYS AT CONSIGNEE:
EQUIPMENT USED:

PLEASE PRINT NAME/TITLE: Rhonda L Barber, Pres
CONSIGNEE SIGNATURE: X Rhonda L Barber, Pres
DATE UNLOADED: 3 / 30 / 15 (MO. DAY YR.)

AR H-0257 CT CT-HW-307 DE DE-HW-203 DE-SW-203 IL UPW-0190713-OH MA MA-294	MD HWH-167 2001-OPV-2335 ME ME-HWT-47 ME-WOT-47 MI UPW-0190713-OH MN UPW-0190713-OH	MO H-1490 ND WH-429 NH TNH-0047 NJ S-2265 15939 NY NJ-113	OH UPW-0190713-OH OK UPW-0190713-OH ONTARIO, CANADA A 840943 PA PA-AH-0067 QUEBEC, CANADA QC-6ML-047 RI RI-535	TX 40705 WI 11602 WV UPW-0190713-OH

White - FCI Original
Yellow - FCI Billing
Blue - FCI Office/Customer
Green - Retained by TSDF
Gold - Retained by Generator

S 515831

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

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NYD 000 217810
2. Page 1 of: 1
3. Emergency Response Phone:
4. Manifest Tracking Number: 013394413 JJK

GENERATOR

5. Generator's Name and Mailing Address: 20 West Centennial Corp. 20 West Centennial Avenue Roosevelt NY 11575
Generator's Phone: 347-701-0121
Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: Freehold Cartage, Inc.
U.S. EPA ID Number: NJD054126164

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: EnGlobe Corp. 8365 Avenue Broadway Nord, Montreal-East, Quebec, H1B 5X7
Facility's Phone: 514 644-1405
U.S. EPA ID Number: 1167280206

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN3077, RQ, Waste Environmentally hazardous substances, Solid, n.o.s. 9, PCBII (Tetrachloroethylene)	001	DT	25	P	D002		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
Gulfstream TLC acting as intermediary arranging for export. Soil contaminated with tetrachloroethylene.
ERG #171 USEPA AOC #0531/4E/14

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable International and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Brian Michael Rogers, Vice President
Signature:
Month: 5 Day: 30 Year: 15

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Rouses Point, NY
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name:
Signature:
Month: Day: Year:
Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
2020 Kg
Manifest Reference Number: P-6214
18b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name:
Signature:
Month: Day: 31 Year: 20

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

TRANSPORTER'S COP

Canada Border Services Agency | Agence des services frontaliers du Canada

CANADA CUSTOMS INVOICE
FACTURE DES DOUANES CANADIENNES

PROTECTED / PROTÉGÉ B when completed / une fois rempli

1. Vendor (name and address) - Vendeur (nom et adresse)

Gulfstream TLC, Inc.
1080 Military Turnpike, Unit 410
Plattsburgh, NY 12901

2. Date of direct shipment to Canada - Date d'expédition directe vers le Canada

2015/02/17

3. Other references (includes purchaser's order No.)
Autres références (inclure le n° de commande de l'acheteur)

M11802

4. Consignee (name and address) - Destinataire (nom et adresse)

EnGlobe Corp.
8365, Broadway North
Montreal-East (Quebec)
H1B 5X7

5. Purchaser's name and address (if other than consignee)
Nom et adresse de l'acheteur (s'il diffère du destinataire)

Englobe Corp. (454645-8)
4495 Wilfred Hamel Blvd. Suite 200
Québec (Québec) G1P 2J7

6. Country of transhipment - Pays de transbordement

7. Country of origin of goods
Pays d'origine des marchandises

United States (NJ)

IF SHIPMENT INCLUDES GOODS OF DIFFERENT ORIGINS ENTER ORIGINS AGAINST ITEMS IN 12.
SI L'EXPÉDITION COMPREND DES MARCHANDISES D'ORIGINES DIFFÉRENTES, PRÉCISEZ LEUR PROVENANCE EN 12.

8. Transportation: Give mode and place of direct shipment to Canada
Transport : Précisez mode et point d'expédition directe vers le Canada

Road from New York

9. Conditions of sale and terms of payment
(i.e. sale, consignment shipment, leased goods, etc.)
Conditions de vente et modalités de paiement
(p. ex. vente, expédition en consignation, location de marchandises, etc.)

Contaminated soil for treatment and disposal

10. Currency of settlement - Devises du paiement

Canadian funds

11. Number of packages Nombre de colis	12. Specification of commodities (kind of packages, marks and numbers, general description and characteristics, i.e., grade, quality) Désignation des articles (nature des colis, marques et numéros, description générale et caractéristiques, p. ex. classe, qualité)	13. Quantity (state unit) Quantité (précisez l'unité)	Selling price - Prix de vente 14. Unit price Prix unitaire	15. Total
1	Waste Environmentally Hazardous Bulk load - Contaminated soil *Value for custom purposes only, no commercial value Waste*	20,000kg	0.01	200.00

3585041277
(PARS)

18. If any of fields 1 to 17 are included on an attached commercial invoice, check this box
Si tout renseignement relativement aux zones 1 à 17 figure sur une ou des factures commerciales ci-attachées, cochez cette case ☐
Commercial Invoice No. - N° de la facture commerciale ▶

16. Total weight - Poids total		17. Invoice total Total de la facture
Net	Gross - Brut	
20000kg	20000	200.00

19. Exporter's name and address (if other than vendor)
Nom et adresse de l'exportateur (s'il diffère du vendeur)

20. Originator (name and address) - Expéditeur d'origine (nom et adresse)

21. Agency ruling (if applicable) - Décision de l'Agence (s'il y a lieu)

22. If fields 23 to 25 are not applicable, check this box
Si les zones 23 à 25 sont sans objet, cochez cette case ☑

23. If included in field 17 indicate amount:
Si compris dans le total à la zone 17, précisez :

(i) Transportation charges, expenses and insurance from the place of direct shipment to Canada
Les frais de transport, dépenses et assurances à partir du point d'expédition directe vers le Canada

(ii) Costs for construction, erection and assembly incurred after importation into Canada
Les coûts de construction, d'érection et d'assemblage après importation au Canada

(iii) Export packing
Le coût de l'emballage d'exportation

24. If not included in field 17 indicate amount:
Si non compris dans le total à la zone 17, précisez :

(i) Transportation charges, expenses and insurance to the place of direct shipment to Canada
Les frais de transport, dépenses et assurances jusqu'au point d'expédition directe vers le Canada

(ii) Amounts for commissions other than buying commissions
Les commissions autres que celles versées pour l'achat

(iii) Export packing
Le coût de l'emballage d'exportation

25. Check (if applicable):
Cochez (s'il y a lieu) :

(i) Royalty payments or subsequent proceeds are paid or payable by the purchaser
Des redevances ou produits ont été ou seront versés par l'acheteur ☐

(ii) The purchaser has supplied goods or services for use in the production of these goods
L'acheteur a fourni des marchandises ou des services pour la production de ces marchandises ☐

Dans ce formulaire, toutes les expressions désignant des personnes visent à la fois les hommes et les femmes.

SOLUTION CENTRE DE TRAITEMENT DE SOL

Centre de traitement de sol / Soil Treatment Facility
8365, Broadway Nord, Montréal (Québec) H1B 5X7

SOLUTION SOIL TREATMENT FACILITY

N° d'autorisation / Authorization No.: M11802

Plage de contamination / Contamination level:

☐ AB ☐ BC ☐ >C ☒ >RESC (>D)

☐ à caractériser / sampling on arrival (n° échantillon / sample ID): ____

☐ Autres / Other: ____

Transporteur / Carrier: FTI

Immatriculation / Truck ID: 817

____
Signature du conducteur / Driver's signature

____
Acceptation des sols / Soil acceptance

Vente de sable / Sand purchase:

Classe / Class: [illegible] [illegible]

☐ A ☐ B

Autres / Other: ____

Pesée / Weighing:

[illegible] [illegible] kg

ID 818.
GROSS 28100 kg

[illegible] 12 [illegible] kg

Remarques / Remarks: [illegible]

MOVEMENT DOCUMENT / MANIFEST
DOCUMENT DE MOUVEMENT / MANIFESTE

This Movement document/manifest conforms to all federal and provincial transport and environmental legislation.
Ce document de mouvement/manifeste est conforme aux législations fédérale et provinciale sur l'environnement et le transport.

M11802

Movement Document / Manifest Reference No. / N° de référence du document de mouvement/manifeste: **9621882-1**

A Generator / consignor — Producteur / expéditeur

Registration No. / Provincial ID No. / N° d'immatriculation - d'id. provincial (1): NYR000156539

Company name / Nom de l'entreprise: Gulfstream TLC, Inc.

Mailing address / Adresse postale; City / Ville; Province; Postal code / Code postal: 1080 Military Tpk#410 Plattsburgh NY 12901

E-mail / Courrier électronique:

Tel. No. / N° de tél.: 509-762-2539

Shipping site address / Adresse du lieu de l'expédition: 1080, Military Tpke #410

City / Ville: Plattsburgh — Province: NY — Postal code / Code postal: 12901

Intended Receiver / consignee — Réceptionnaire / destinataire prévu: Eniglobe Corp

Registration No. / Provincial ID No. / N° d'immatriculation - d'id. provincial (2): 116728 0206

Mailing address / Adresse postale; City / Ville; Province; Postal code / Code postal: 8585 Ave. Broadway Nord, Md, QC H1B 5X7

E-mail / Courrier électronique:

Tel. No. / N° de tél.: 514 644-1405

Receiving site address / Adresse du lieu de destination: 8585 Avenue Broadway Nord

City / Ville: Montreal-Est — Province: Quebec — Postal code / Code postal: H1B 5X7

B Carrier — Transporteur

Registration No. / Provincial ID No. / N° d'immatriculation - d'id. provincial (23): NJD054126164

Company name / Nom de l'entreprise: Freehold Cartage, Inc.

Mailing address / Adresse postale; City / Ville; Province; Postal code / Code postal: 825, Highway 33, Freehold, NJ 07728

E-mail / Courrier électronique:

Tel. No. / N° de tél.: (732) 462-1001

Vehicle / Véhicule	Registration No. / N° d'immatriculation	Prov. (24)
Trailer - Rail car No. 1 / 1er remorque - wagon	135815	NJ
Trailer - Rail car No. 2 / 2e remorque - wagon		

Port of entry / Point d'entrée: St-Bernard Lacolle Qc (International use only) — Port of exit / Point de sortie: Champlain, NY (International use only) (25)

Carrier Certification : I certify that I have received waste or recyclable material from the generator / consignor for delivery to the receiver / consignee as set out in Part A and that the information contained in Part B is complete and correct. (26)
Attestation du transporteur : J'atteste avoir reçu les déchets ou matières recyclables du producteur / expéditeur en vue de leur livraison au réceptionnaire / destinataire, tels qu'ils figurent à la partie A et que les renseignements inscrits à la partie B sont exacts et complets.

Name of authorized person (print): / Nom de l'agent autorisé (caractères d'imprimerie):

Tel. No. / N° de tél.: ( )

Year / Année: 15 — Month / Mois: 03 — Day / Jour: 31 — Signature: [signature]

C Receiver / consignee — Réceptionnaire / destinataire

Reference Nos. of other movement document(s)/manifest(s) used / N° de référence des autres documents de mouvement/manifestes utilisés:

Registration No. / Provincial ID No. / N° d'immatriculation - d'id. provincial: 116728 0206

Receiver / consignee information same as in Part A / Les renseignements du réceptionnaire / destinataire sont les mêmes qu'à la Partie A
☑ Yes / Oui ☐ No, complete the box below / Non, remplir la case ci-dessous

Company name / Nom de l'entreprise:

Mailing address / Adresse postale:

City / Ville: — Province: — Postal code / Code postal:

E-mail / Courrier électronique: — Tel. No. / N° de tél.: ( )

Receiving site address / Adresse du lieu de destination:

Date received / Date de réception: Year / Année: 2015 — Month / Mois: 03 — Day / Jour: 31 — Time / Heure: 11:45 ☑ A.M. ☐ P.M. (29)

If waste or recyclable material to be transferred, specify intended company name / Si les déchets ou matières recyclables doivent être transférés, préciser le nom du destinataire (30) — Registration No./Provincial ID No. / N° d'immatriculation/d'id provincial:

Shipment details

	Prov. code / Code prov. (3)	Shipping name / Appellation réglementaire (4)	Class / Classe Sub. class(es) / Classe(s) sub. (5)	UN No. / N°NU (6)	Packing / risk gr. / Gr. d'emballage/de risque (7)	Quantity shipped / Quantité expédiée	Units L or / ou Kg / Unités (8)	Packaging/Contenant No./N° (9)	Codes int.–ext.	Phys. state / État phys. (10)	Quantity received / Quantité reçue	Units L or / ou kg / Unités (31)	Comments / Commentaires (32)	Handling Code / Code de manutention (33)	Shipment / Envoi Accepted / Accepté (34)	Refused / Refusé	Decont. Pack. Cont. / Vét.
(i)	0018	Waste, Environmentally Hazardous	n/a	n/a	n/a		kg	01	01	S23	12020	Kg	OK	5	X		OK
(ii)		Substance, Solid, N.O.S. (Tetrachloroethylene)															
(iii)																	
(iv)																	

	Notice No. / N° de notification	Notice Line No / N° de ligne de la notification (11)	Shipment / Envoi (12)	Of / De	D or R code / Code D ou R (13)	C code / Code C (14)	Basel Annex VIII or OECD Code / Annexe VIII de Bâle ou Code OCDE (15)	H code / Code H (16)	Y code / Code Y (17)	National code in country of / Code du pays: Export / Exportation (18)	Import / Importation	Customs code(s) / Code(s) de douanes (19)
(i)	534004	3	3	300	D8 / C41		A3130	H12	Y41	-	-	3825.90.00.00
(ii)												
(iii)												
(iv)												

International use only

If handling code "Other" (specify) / Si code de manutention « autre » (spécifier):

Receiver / consignee certification : I certify that the information contained in Part C is correct and complete. / **Attestation du réceptionnaire / destinataire :** J'atteste que tous les renseignements à la partie C sont exacts et complets.

Name of authorized person (print) / Nom de l'agent autorisé (caractère d'imprimerie):

Signature: [signature] — Tel. No. / N° de tél.: ( )

Special handling / Manutention spéciale (22): ☐ Attached / Ci-joint ☐ As follows / Comme suit: Emergency Contact: CANUTEC 613-996-6666

Generator / consignor certification: I certify that the information contained in Part A is correct and complete.
Attestation du producteur / expéditeur: J'atteste que tous les renseignements à la partie A sont exacts et complets. (20)

Name of authorized person (print) / Nom de l'agent autorisé (caractère d'imprimerie): Dennis Baudry, PRO 06501780 — Signature: — Tel. No. / N° de tél.:

XPRO Signatory for Gulfstream

Date shipped / Date d'expédition (21): Year / Année: 15 — Month / Mois: 03 — Day / Jour: 31 — Time / Heure: ☐ A.M. ☐ P.M.

Scheduled arrival date / Date d'arrivée prévue: Year / Année: 15 — Month / Mois: 03 — Day / Jour: 31

MOE 04-1917 (12/13)

Retained by Carrier - Gardée par le transporteur

Copy / Copie 4 (pink / rose

FREEHOLD CARTAGE INC.
P.O. BOX 5010 • FREEHOLD, NJ 07728-5010
(732) 462-1001 • FAX (732) 308-0924

BILL OF LADING
FCI EPA ID NO. NJD054126164

S 515830

350 Pigeon Point Road, New Castle, DE 19720, Phone: (302) 658-2005, Fax: (302) 658-6229
175 Bartow Mun. Airport, Bartow, FL 33830, Phone: (863) 533-4599, Fax: (863) 533-1613
5533 Dunham Road, Maple Heights, OH 44137, Phone: (330) 835-3473, Fax: (330) 835-3732
108 Monahan Avenue, Dunmore, PA 18512, Phone: (570) 342-7232, Fax: (570) 342-7367
132 Myrtle Beach Hwy., Sumter, SC 29153, Phone: (803) 773-2611, Fax: (803) 773-2942

SHIPPER NAME/ADDRESS: Gulf Sum... Pittsburgh, NY
PHONE (AREA CODE): —
TRACTOR: 818
TRAILER: 423
APPOINTMENT TIME: :
FCI REP. LOADING (PRINT): A.S
PROCEDURE: Flip
EQUIP. SPOTTED: 0318
EQUIP. REMOVED:
TIME AT SHIPPER (MILITARY TIME ONLY): ARRIVAL TIME : DEPARTURE TIME :
COMMENTS OR DELAYS AT SHIPPER: —
EQUIPMENT USED: —

BROKER:
PO#:
WO#: 1058030.01

MANIFEST / DOCUMENT NO.

(X) HM		PROPER U.S. D.O.T. SHIPPING NAME	U.S. D.O.T. HAZARDOUS CLASS	NA/UN/NO.	PACKING GROUP	NO. CONT.	CONT. TYPE	NET QUANTITY	UNIT MEASURE	WASTE NO.	FORM
X	1	See Manifest	9	3077	III	01	CM	20	yd	—	S
	2										
	3										

SPECIAL HANDLING INSTRUCTIONS INCLUDING CONTAINER EXEMPTION NUMBER.

SHIPPER'S CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation, U.S. EPA and the State. The materials described above were consigned to the Transporter named. The consignee can and will accept the shipment and has a valid permit to do so if required. I certify that the foregoing is true and correct to the best of my knowledge.

Payment to the contractor for waste removal does not constitute payment to the carrier and if the contractor does not pay the carrier, the shipper is obligated to pay the agreed rate offered to the contractor.

PLEASE PRINT NAME/TITLE: Rhonda L. Barber, Pres
SHIPPER'S SIGNATURE: X Rhonda L Barber, Pres
I HAVE READ THE ABOVE AND UNDERSTAND AND AGREE TO ALL OF ITS CONTENT.
DATE LOADED: 3/30/15 (MO. DAY YR.)

CONSIGNEE NAME/ADDRESS: Envirite, 830 Ave Bradley, Nord
PHONE (AREA CODE): —
TRACTOR: 818
TRAILER: 423
APPOINTMENT TIME: :
FCI REP. UNLOADING (PRINT): A.S
PROCEDURE: Unload
EQUIP. SPOTTED: 0318
EQUIP. REMOVED:
TIME AT CONSIGNEE (MILITARY TIME ONLY): ARRIVAL TIME 11:45 DEPARTURE TIME 12:38
COMMENTS OR DELAYS AT CONSIGNEE:
EQUIPMENT USED: —
PLEASE PRINT NAME/TITLE:
CONSIGNEE SIGNATURE: X
DATE UNLOADED: 3/31/15 (MO. DAY YR.)

AR H-0257
CT CT-HW-307
DE DE-HW-203, DE-SW-203
IL UPW-0190713-OH
MA MA-294
MD HWH-167, 2001-OPV-2335
ME ME-HWT-47, ME-WOT-47
MI UPW-0190713-OH
MN UPW-0190713-OH
MO H-1490
ND WH-429
NH TNH-0047
NJ S-2265, 15939
NY NJ-113
OH UPW-0190713-OH
OK UPW-0190713-OH
ONTARIO, CANADA A 840943
PA PA-AH-0067
QUEBEC, CANADA QC-6ML-047
RI RI-535
TX 40705
WI 11602
WV UPW-0190713-OH

White - FCI Original
Yellow - FCI Billing
Blue - FCI Office/Customer
Green - Retained by TSDF
Gold - Retained by Generator

S 515830

EDI Electronic Manifest

CRN number: 358520328229

358520328229

Tractor Plate	**AJ837X**	**NJ**
Trailer Plate(s)	**1358151**	**ME**

Earliest arrival
calculated 1 hour after CBSA acceptance of Conveyance

First Port Of Arrival St-Bernard-De-Lacolle: Highway 15

Driver name Alan Schulwitz

Cargo

CCN number	Inbond #	Shipper / Consignee	Cargo details
3585041277		20 W. Cente/EnGlobe	Qty: 1 CBC Weight: 18181 K Contaminated Soil

AGENCE DES SERVICES FRONTALIERS DU CANADA
24232
Lacolle Rte 15
31 MR 2015
CANADA BORDER SERVICES AGENCY

MOVEMENT DOCUMENT / MANIFEST
DOCUMENT DE MOUVEMENT / MANIFESTE

This Movement document/manifest conforms to all federal and provincial transport and environmental legislation.
Ce document de mouvement/manifeste est conforme aux législations fédérale et provinciale sur l'environnement et le transport.

M11802

Movement Document / Manifest Reference No. / N° de référence du document de mouvement/manifeste: **9621882-1**

A Generator / consignor — Producteur / expéditeur

Registration No. / Provincial ID No. / N° d'immatriculation - d'id. provincial (1): NYR000156539

Company name / Nom de l'entreprise: Gulfstream TLC, Inc.

Mailing address / Adresse postale, City / Ville, Province, Postal code / Code postal: 1080 Military Trpk#410 Plattsburgh NY 12901

E-mail / Courrier électronique:
Tel. No. / N° de tél.: 800-782-2539

Shipping site address / Adresse du lieu de l'expédition: 1080, Military Trpk #410.
City / Ville: Plattsburgh — Province: NY — Postal code / Code postal: 12901

Intended Receiver / consignee — Réceptionnaire / destinataire prévu (2): EnGlobe Corp
Registration No. / Provincial ID No. / N° d'immatriculation - d'id. provincial: 1167280206
Mailing address / Adresse postale, City / Ville, Province, Postal code / Code postal: 8365 Ave. Broadway Nord, Mtl, QC H1B 5X7
E-mail / Courrier électronique:
Tel. No. / N° de tél.: 514 644-1405
Receiving site address / Adresse du lieu de destination: 8365 Avenue Broadway Nord
City / Ville: Montreal-Est — Province: Quebec — Postal code / Code postal: H1B 5X7

B Carrier — Transporteur

Registration No. / Provincial ID No. / N° d'immatriculation - d'id. provincial (23): NJD054126164

Company name / Nom de l'entreprise: Freehold Cartage, Inc.

Mailing address / Adresse postale, City / Ville, Province, Postal code / Code postal: 825, Highway 33, Freehold, NJ 07728

E-mail / Courrier électronique:
Tel. No. / N° de tél.: (732) 462-1001

Vehicle / Véhicule	Registration No. / N° d'immatriculation	Prov. (24)
Trailer - Rail car No. 1 / 1re remorque - wagon	135815	ME
Trailer - Rail car No. 2 / 2e remorque - wagon		

Port of entry / Point d'entrée: St-Bernard-Lacolle Qc — Port of exit / Point de sortie: Champlain, NY (25)

Carrier Certification : I certify that I have received waste or recyclable material from the generator / consignor for delivery to the receiver / consignee as set out in Part A and that the information contained in Part B is complete and correct. (26)
Attestation du transporteur : J'atteste avoir reçu les déchets ou matières recyclables du producteur / expéditeur en vue de leur livraison au réceptionnaire / destinataire, tels qu'ils figurent à la partie A et que les renseignements inscrits à la partie B sont exacts et complets.

Name of authorized person (print) / Nom de l'agent autorisé (caractères d'imprimerie):
Tel. No. / N° de tél. ( )

Year / Année: 15 — Month / Mois: 03 — Day / Jour: 31 — Signature: [signature]

C Receiver / consignee — Réceptionnaire / destinataire

Reference Nos. of other movement document(s)/manifest(s) used / N° de référence des autres documents de mouvement/manifestes utilisés (27):

Registration No. / Provincial ID No. / N° d'immatriculation - d'id. provincial (28):

Receiver / consignee information same as in Part A / Les renseignements du réceptionnaire / destinataire sont les mêmes qu'à la Partie A
☐ Yes / Oui ☐ No, complete the box below / Non, remplir la case ci-dessous

Company name / Nom de l'entreprise:
Mailing address / Adresse postale:
City / Ville — Province — Postal code / Code postal:
E-mail / Courrier électronique — Tel. No. / N° de tél. ( )
Receiving site address / Adresse du lieu de destination:

Date received / Date de réception: Year / Année — Month / Mois — Day / Jour — Time / Heure ☐ A.M. ☐ P.M. (29)

If waste or recyclable material to be transferred, specify intended company name/ Si les dechets ou matières recyclables doivent être transférés, préciser le nom du destinataire — Registration No./Provincial ID No. / N° d'immatriculation/d'id provincial (30)

Waste details

	Prov. code / Code prov. (3)	Shipping name / Appellation réglementaire (4)	Class / Classe, Sub. class(es) / Classe(s) sub. (5)	UN No. / N°NU (6)	Packing / risk gr. / Gr. d'emballage/ de risque (7)	Quantity shipped / Quantité expédiée	Units L or / ou Kg / Unités (8)	Packaging/Contenant No. / N°	Codes Int.–ext. (9)	Phys. state / État phys. (10)
(i)	0018	Waste, Environmentally Hazardous	n/a	n/a	n/a		kg	01	01	S23
(ii)		Substance, Solid, N.O.S.								
(iii)		(Tetrachloroethylene)								
(iv)										

	Quantity received / Quantité reçue	Units L or / ou kg / Unités (31)	Comments / Commentaires (32)	Handling Code / Code de manutention (33)	Shipment / Envoi Accepted / Accepté	Refused / Refusé (34)	Decont. Pack. / Cont.	Veh. / Véh. (35)
(i)								
(ii)								
(iii)								
(iv)								

	Notice No. / N° de notification	Notice Line No / N° de ligne de la notification (11)	Shipment / Envoi	Of / De (12)	D or R code / Code D ou R (13)	C code / Code C (14)	Basel Annex VIII or OECD Code / Annexe VIII de Bâle ou Code OCDE (15)	H code / Code H (16)	Y code / Code Y (17)	National code in country of / Code du pays: Export / Exportation	Import / Importation (18)	Customs code(s) / Code(s) de douanes (19)
(i)	534004	3		999	D8	C41	A3150	H12	Y41	-	-	3825.90.00.00
(ii)												
(iii)												
(iv)												

International use only

If handling code "Other" (specify) / Si code de manutention « autre » (spécifier) (36)

Receiver / consignee certification : I certify that the information contained in Part C is correct and complete. / Attestation du réceptionnaire / destinataire : J'atteste que tous les renseignements à la partie C sont exacts et complets. (37)
Name of authorized person (print) / Nom de l'agent autorisé (caractère d'imprimerie):
Signature — Tel. No. / N° de tél. ( )

Special handling / Manutention spéciale: ☐ Attached / Ci-joint ☐ Aucune (22)
Emergency Contact: CANUTEC 613-996-6666

Generator / consignor certification: I certify that the information contained in Part A is correct and complete.
Attestation du producteur / expéditeur: J'atteste que tous les renseignements à la partie A sont exacts et complets.

Name of authorized person (print) / Nom de l'agent autorisé (caractère d'imprimerie): Dermot Dubold, Pres
Signature: [signature] — Tel. No. / N° de tél.: 5185101780 (20)
XPO \ Signing for Gulfstream

Date shipped / Date d'expédition (21): Year / Année: 15 — Month / Mois: 03 — Day / Jour: 31 — Time / Heure ☐ A.M. ☐ P.M.
Scheduled arrival date / Date d'arrivée prévue: Year / Année: 15 — Month / Mois: 03 — Day / Jour: 31

MOE 04-1917 (12/13)

Instructions for completion and distribution on reverse / Instructions pour compléter et distribuer au verso

Copy / Copie 1 (white / blanche

Canada Border Services Agency | Agence des services frontaliers du Canada

CANADA CUSTOMS INVOICE
FACTURE DES DOUANES CANADIENNES

PROTECTED PROTÉGÉ B when completed une fois rempli

Page 1 of de 1

1. Vendor (name and address) - Vendeur (nom et adresse)

Gulfstream TLC, Inc.
1080 Military Turnpike, Unit 410
Plattsburgh, NY 12901

2. Date of direct shipment to Canada - Date d'expédition directe vers le Canada

2015/02/17

3. Other references (include purchaser's order No.)
Autres références (inclure le n° de commande de l'acheteur)

M11802

4. Consignee (name and address) - Destinataire (nom et adresse)

EnGlobe Corp.
8365, Broadway North
Montreal-East (Quebec)
H1B 5X7

5. Purchaser's name and address (if other than consignee)
Nom et adresse de l'acheteur (s'il diffère du destinataire)

Englobe Corp. (454645-8)
4495 Wilfred Hamel Blvd. Suite 200
Québec (Québec) G1P 2J7

6. Country of transhipment - Pays de transbordement

7. Country of origin of goods
Pays d'origine des marchandises

United States (NJ)

IF SHIPMENT INCLUDES GOODS OF DIFFERENT ORIGINS ENTER ORIGINS AGAINST ITEMS IN 12.
SI L'EXPÉDITION COMPREND DES MARCHANDISES D'ORIGINES DIFFÉRENTES, PRÉCISEZ LEUR PROVENANCE EN 12.

8. Transportation: Give mode and place of direct shipment to Canada
Transport : Précisez mode et point d'expédition directe vers le Canada

Road from New York

9. Conditions of sale and terms of payment
(i.e. sale, consignment shipment, leased goods, etc.)
Conditions de vente et modalités de paiement
(p. ex. vente, expédition en consignation, location de marchandises, etc.)

Contaminated soil for treatment and disposal

10. Currency of settlement - Devises du paiement

Canadian funds

11. Number of packages Nombre de colis	12. Specification of commodities (kind of packages, marks and numbers, general description and characteristics, i.e., grade, quality) Désignation des articles (nature des colis, marques et numéros, description générale et caractéristiques, p. ex. classe, qualité)	13. Quantity (state unit) Quantité (précisez l'unité)	Selling price - Prix de vente	
			14. Unit price Prix unitaire	15. Total
1	Waste Environmentally Hazardous Bulk load - Contaminated soil *Value for custom purposes only, no commercial value Waste*	20,000kg	0.01	200.00

3585041277
(PARS)

18. If any of fields 1 to 17 are included on an attached commercial invoice, check this box
Si tout renseignement relativement aux zones 1 à 17 figure sur une ou des factures commerciales ci-attachées, cochez cette case ☐
Commercial Invoice No. - N° de la facture commerciale ▶

16. Total weight - Poids total

Net	Gross - Brut
20000kg	20000

17. Invoice total
Total de la facture

200.00

19. Exporter's name and address (if other than vendor)
Nom et adresse de l'exportateur (s'il diffère du vendeur)

20. Originator (name and address) - Expéditeur d'origine (nom et adresse)

21. Agency ruling (if applicable) - Décision de l'Agence (s'il y a lieu)

22. If fields 23 to 25 are not applicable, check this box
Si les zones 23 à 25 sont sans objet, cochez cette case ☑

23. If included in field 17 indicate amount:
Si compris dans le total à la zone 17, précisez :

(i) Transportation charges, expenses and insurance from the place of direct shipment to Canada
Les frais de transport, dépenses et assurances à partir du point d'expédition directe vers le Canada

(ii) Costs for construction, erection and assembly incurred after importation into Canada
Les coûts de construction, d'érection et d'assemblage après importation au Canada

(iii) Export packing
Le coût de l'emballage d'exportation

24. If not included in field 17 indicate amount:
Si non compris dans le total à la zone 17, précisez :

(i) Transportation charges, expenses and insurance to the place of direct shipment to Canada
Les frais de transport, dépenses et assurances jusqu'au point d'expédition directe vers le Canada

(ii) Amounts for commissions other than buying commissions
Les commissions autres que celles versées pour l'achat

(iii) Export packing
Le coût de l'emballage d'exportation

25. Check (if applicable):
Cochez (s'il y a lieu) :

(i) Royalty payments or subsequent proceeds are paid or payable by the purchaser
Des redevances ou produits ont été ou seront versés par l'acheteur ☐

(ii) The purchaser has supplied goods or services for use in the production of these goods
L'acheteur a fourni des marchandises ou des services pour la production de ces marchandises ☐

Dans ce formulaire, toutes les expressions désignant des personnes visent à la fois les hommes et les femmes.

CI1 (08/09) **If you require more space, please attach another sheet. - Si vous avez besoin de plus d'espace, veuillez joindre une autre feuille.** BSF189

Canada Border Services Agency | Agence des services frontaliers du Canada

CANADA CUSTOMS INVOICE
FACTURE DES DOUANES CANADIENNES

PROTECTED / PROTÉGÉ B when completed / une fois rempli

Page 1 of / de 1

1. Vendor (name and address) - Vendeur (nom et adresse)

Gulfstream TLC, Inc.
1080 Military Turnpike, Unit 410
Plattsburgh, NY 12901

2. Date of direct shipment to Canada - Date d'expédition directe vers le Canada

2015/02/17

3. Other references (include purchaser's order No.)
Autres références (inclure le n° de commande de l'acheteur)

M11802

4. Consignee (name and address) - Destinataire (nom et adresse)

EnGlobe Corp.
8365, Broadway North
Montreal-East (Quebec)
H1B 5X7

5. Purchaser's name and address (if other than consignee)
Nom et adresse de l'acheteur (s'il diffère du destinataire)

Englobe Corp. (454645-8)
4495 Wilfred Hamel Blvd. Suite 200
Québec (Québec) G1P 2J7

6. Country of transhipment - Pays de transbordement

7. Country of origin of goods
Pays d'origine des marchandises

United States (NJ)

IF SHIPMENT INCLUDES GOODS OF DIFFERENT ORIGINS ENTER ORIGINS AGAINST ITEMS IN 12.
SI L'EXPÉDITION COMPREND DES MARCHANDISES D'ORIGINES DIFFÉRENTES, PRÉCISEZ LEUR PROVENANCE EN 12.

8. Transportation: Give mode and place of direct shipment to Canada
Transport : Précisez mode et point d'expédition directe vers le Canada

Road from New York

9. Conditions of sale and terms of payment
(i.e. sale, consignment shipment, leased goods, etc.)
Conditions de vente et modalités de paiement
(p. ex. vente, expédition en consignation, location de marchandises, etc.)

Contaminated soil for treatment and disposal

10. Currency of settlement - Devises du paiement

Canadian funds

11. Number of packages / Nombre de colis	12. Specification of commodities (kind of packages, marks and numbers, general description and characteristics, i.e., grade, quality) / Désignation des articles (nature des colis, marques et numéros, description générale et caractéristiques, p. ex. classe, qualité)	13. Quantity (state unit) / Quantité (précisez l'unité)	Selling price - Prix de vente: 14. Unit price / Prix unitaire	15. Total
1	Waste Environmentally Hazardous Bulk load - Contaminated soil *Value for custom purposes only, no commercial value Waste*	20,000kg	0.01	200.00

3585041277
(PARS)

18. If any of fields 1 to 17 are included on an attached commercial invoice, check this box
Si tout renseignement relativement aux zones 1 à 17 figure sur une ou des factures commerciales ci-attachées, cochez cette case ☐
Commercial Invoice No. - N° de la facture commerciale ▶

16. Total weight - Poids total

Net	Gross - Brut
20000kg	20000

17. Invoice total
Total de la facture

200.00

19. Exporter's name and address (if other than vendor)
Nom et adresse de l'exportateur (s'il diffère du vendeur)

20. Originator (name and address) - Expéditeur d'origine (nom et adresse)

21. Agency ruling (if applicable) - Décision de l'Agence (s'il y a lieu)

22. If fields 23 to 25 are not applicable, check this box
Si les zones 23 à 25 sont sans objet, cochez cette case ☑

23. If included in field 17 indicate amount:
Si compris dans le total à la zone 17, précisez :

(i) Transportation charges, expenses and insurance from the place of direct shipment to Canada
Les frais de transport, dépenses et assurances à partir du point d'expédition directe vers le Canada

(ii) Costs for construction, erection and assembly incurred after importation into Canada
Les coûts de construction, d'érection et d'assemblage après importation au Canada

(iii) Export packing
Le coût de l'emballage d'exportation

24. If not included in field 17 indicate amount:
Si non compris dans le total à la zone 17, précisez :

(i) Transportation charges, expenses and insurance to the place of direct shipment to Canada
Les frais de transport, dépenses et assurances jusqu'au point d'expédition directe vers le Canada

(ii) Amounts for commissions other than buying commissions
Les commissions autres que celles versées pour l'achat

(iii) Export packing
Le coût de l'emballage d'exportation

25. Check (if applicable):
Cochez (s'il y a lieu) :

(i) Royalty payments or subsequent proceeds are paid or payable by the purchaser
Des redevances ou produits ont été ou seront versés par l'acheteur ☐

(ii) The purchaser has supplied goods or services for use in the production of these goods
L'acheteur a fourni des marchandises ou des services pour la production de ces marchandises ☐

Dans ce formulaire, toutes les expressions désignant des personnes visent à la fois les hommes et les femmes.

CI1 (08/09) **If you require more space, please attach another sheet. - Si vous avez besoin de plus d'espace, veuillez joindre une autre feuille.** BSF189

Canada Border Services Agency | Agence des services frontaliers du Canada

CANADA CUSTOMS INVOICE
FACTURE DES DOUANES CANADIENNES

PROTECTED B when completed / PROTÉGÉ B une fois rempli

1. Vendor (name and address) - Vendeur (nom et adresse)

Gulfstream TLC, Inc.
1080 Military Turnpike, Unit 410
Plattsburgh, NY 12901

2. Date of direct shipment to Canada - Date d'expédition directe vers le Canada

2015/02/17

3. Other references (include purchaser's order No.)
Autres références (inclure le n° de commande de l'acheteur)

M11802

4. Consignee (name and address) - Destinataire (nom et adresse)

EnGlobe Corp.
8365, Broadway North
Montreal-East (Quebec)
H1B 5X7

5. Purchaser's name and address (if other than consignee)
Nom et adresse de l'acheteur (s'il diffère du destinataire)

Englobe Corp. (454645-8)
4495 Wilfred Hamel Blvd. Suite 200
Québec (Québec) G1P 2J7

6. Country of transhipment - Pays de transbordement

7. Country of origin of goods
Pays d'origine des marchandises

United States (NJ)

IF SHIPMENT INCLUDES GOODS OF DIFFERENT ORIGINS ENTER ORIGINS AGAINST ITEMS IN 12.
SI L'EXPÉDITION COMPREND DES MARCHANDISES D'ORIGINES DIFFÉRENTES, PRÉCISEZ LEUR PROVENANCE EN 12.

8. Transportation: Give mode and place of direct shipment to Canada
Transport : Précisez mode et point d'expédition directe vers le Canada

Road from New York

9. Conditions of sale and terms of payment
(i.e. sale, consignment shipment, leased goods, etc.)
Conditions de vente et modalités de paiement
(p. ex. vente, expédition en consignation, location de marchandises, etc.)

Contaminated soil for treatment and disposal

10. Currency of settlement - Devises du paiement

Canadian funds

11. Number of packages / Nombre de colis	12. Specification of commodities (kind of packages, marks and numbers, general description and characteristics, i.e., grade, quality) / Désignation des articles (nature des colis, marques et numéros, description générale et caractéristiques, p. ex. classe, qualité)	13. Quantity (state unit) / Quantité (précisez l'unité)	Selling price - Prix de vente: 14. Unit price / Prix unitaire	15. Total
1	Waste Environmentally Hazardous Bulk load - Contaminated soil *Value for custom purposes only, no commercial value Waste*  3585041277 (PARS)	20,000kg	0.01	200.00

18. If any of fields 1 to 17 are included on an attached commercial invoice, check this box ☐
Si tout renseignement relativement aux zones 1 à 17 figure sur une ou des factures commerciales ci-attachées, cochez cette case
Commercial Invoice No. - N° de la facture commerciale ▶

16. Total weight - Poids total

Net	Gross - Brut
20000kg	20000

17. Invoice total / Total de la facture: 200.00

19. Exporter's name and address (if other than vendor)
Nom et adresse de l'exportateur (s'il diffère du vendeur)

20. Originator (name and address) - Expéditeur d'origine (nom et adresse)

21. Agency ruling (if applicable) - Décision de l'Agence (s'il y a lieu)

22. If fields 23 to 25 are not applicable, check this box ☑
Si les zones 23 à 25 sont sans objet, cochez cette case

23. If included in field 17 indicate amount:
Si compris dans le total à la zone 17, précisez :

(i) Transportation charges, expenses and insurance from the place of direct shipment to Canada
Les frais de transport, dépenses et assurances à partir du point d'expédition directe vers le Canada

(ii) Costs for construction, erection and assembly incurred after importation into Canada
Les coûts de construction, d'érection et d'assemblage après importation au Canada

(iii) Export packing
Le coût de l'emballage d'exportation

24. If not included in field 17 indicate amount:
Si non compris dans le total à la zone 17, précisez :

(i) Transportation charges, expenses and insurance to the place of direct shipment to Canada
Les frais de transport, dépenses et assurances jusqu'au point d'expédition directe vers le Canada

(ii) Amounts for commissions other than buying commissions
Les commissions autres que celles versées pour l'achat

(iii) Export packing
Le coût de l'emballage d'exportation

25. Check (if applicable):
Cochez (s'il y a lieu) :

(i) Royalty payments or subsequent proceeds are paid or payable by the purchaser
Des redevances ou produits ont été ou seront versés par l'acheteur ☐

(ii) The purchaser has supplied goods or services for use in the production of these goods
L'acheteur a fourni des marchandises ou des services pour la production de ces marchandises ☐

Dans ce formulaire, toutes les expressions désignant des personnes visent à la fois les hommes et les femmes.

If you require more space, please attach another sheet. - Si vous avez besoin de plus d'espace, veuillez joindre une autre feuille.

FREEHOLD CARTAGE INC.

P.O. BOX 5010 • FREEHOLD, NJ 07728-5010
(732) 462-1001 • FAX (732) 308-0924

BILL OF LADING

FCI EPA ID NO. NJD054126164

S530647

350 Pigeon Point Road New Castle, DE 19720 Phone: (302) 658-2005 Fax: (302) 658-6229	175 Bartow Mun. Airport Bartow, FL 33830 Phone: (863) 533-4599 Fax: (863) 533-1613	5533 Dunham Road Maple Heights, OH 44137 Phone: (330) 835-3473 Fax: (330) 835-3732	108 Monahan Avenue Dunmore, PA 18512 Phone: (570) 342-7232 Fax: (570) 342-7367	132 Myrtle Beach Hwy. Sumter, SC 29153 Phone: (803) 773-2611 Fax: (803) 773-2942

SHIPPER NAME/ADDRESS: 20 W Centennial Corp, Roosevelt N.Y.

PHONE (AREA CODE):

TRACTOR: 894 TRAILER: 405

APPOINTMENT TIME: :

FCI REP. LOADING (PRINT): Dan Callanan | PROCEDURE: Live | EQUIP. SPOTTED: | EQUIP. REMOVED: 0008

TIME AT SHIPPER (MILITARY TIME ONLY): ARRIVAL TIME 12:00 DEPARTURE TIME 9:30

COMMENTS OR DELAYS AT SHIPPER:

EQUIPMENT USED: 1-Liner

BROKER:

PO#: WO#: 1058025.00

MANIFEST / DOCUMENT NO.

(X) HM		PROPER U.S. D.O.T. SHIPPING NAME	U.S. D.O.T. HAZARDOUS CLASS	NA/UN/NO.	PACKING GROUP	NO. CONT.	CONT. TYPE	NET QUANTITY	UNIT MEASURE	WASTE NO.	FORM
X	1	9 Haz	9	3077	III	1	CM	Est 18,000	P		
	2										
	3										

SPECIAL HANDLING INSTRUCTIONS INCLUDING CONTAINER EXEMPTION NUMBER.
405-16-38033-ME.
894-AK2574-NJ.

SHIPPER'S CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation, U.S. EPA and the State. The materials described above were consigned to the Transporter named. The consignee can and will accept the shipment and has a valid permit to do so if required. I certify that the foregoing is true and correct to the best of my knowledge.

Payment to the contractor for waste removal does not constitute payment to the carrier and if the contractor does not pay the carrier, the shipper is obligated to pay the agreed rate offered to the contractor.

PLEASE PRINT NAME/TITLE: Brian M'Coh

SHIPPER'S SIGNATURE: X [signature]
I HAVE READ THE ABOVE AND UNDERSTAND AND AGREE TO ALL OF ITS CONTENT.

DATE LOADED: 3/30/15 (MO. DAY YR.)

CONSIGNEE NAME/ADDRESS: Gulfstream, Plattsburgh N.Y.

PHONE (AREA CODE):

TRACTOR: 894 TRAILER: 405

APPOINTMENT TIME: :

FCI REP. UNLOADING (PRINT): Dan Callanan | PROCEDURE: Flip | EQUIP. SPOTTED: 0008 | EQUIP. REMOVED:

TIME AT CONSIGNEE (MILITARY TIME ONLY): ARRIVAL TIME : DEPARTURE TIME :

COMMENTS OR DELAYS AT CONSIGNEE:

EQUIPMENT USED:

PLEASE PRINT NAME/TITLE: Rhonda L Barber. Pres

CONSIGNEE SIGNATURE: X Rhonda L Barber Pres

DATE UNLOADED: 3/31/15 (MO. DAY YR.)

AR H-0257 CT CT-HW-307 DE DE-HW-203 DE-SW-203 IL UPW-0190713-OH MA MA-294	MD HWH-167 2001-OPV-2335 ME ME-HWT-47 ME-WOT-47 MI UPW-0190713-OH MN UPW-0190713-OH	MO H-1490 ND WH-429 NH TNH-0047 NJ S-2265 15939 NY NJ-113	OH UPW-0190713-OH OK UPW-0190713-OH ONTARIO, CANADA A 840943 PA PA-AH-0067 QUEBEC, CANADA QC-6ML-047 RI RI-535	TX 40705 WI 11602 WV UPW-0190713-OH

White - FCI Original
Yellow - FCI Billing
Blue - FCI Office/Customer
Green - Retained by TSDF
Gold - Retained by Generator

S 530647

FREEHOLD CARTAGE INC.

P.O. BOX 5010 • FREEHOLD, NJ 07728-5010
(732) 462-1001 • FAX (732) 308-0924

BILL OF LADING

FCI EPA ID NO. NJD054126164

S 530648

350 Pigeon Point Road	175 Bartow Mun. Airport	5533 Dunham Road	108 Monahan Avenue	132 Myrtle Beach Hwy.
New Castle, DE 19720	Bartow, FL 33830	Maple Heights, OH 44137	Dunmore, PA 18512	Sumter, SC 29153
Phone: (302) 658-2005	Phone: (863) 533-4599	Phone: (330) 835-3473	Phone: (570) 342-7232	Phone: (803) 773-2611
Fax: (302) 658-6229	Fax: (863) 533-1613	Fax: (330) 835-3732	Fax: (570) 342-7367	Fax: (803) 773-2942

SHIPPER NAME/ADDRESS: Gulf Stream, Plattsburgh N.Y

PHONE (AREA CODE):

TRACTOR: 894 TRAILER: 405

APPOINTMENT TIME:

FCI REP. LOADING (PRINT): Dan Callahan

PROCEDURE: Flip

EQUIP. SPOTTED: 0008 EQUIP. REMOVED:

TIME AT SHIPPER (MILITARY TIME ONLY): ARRIVAL TIME / DEPARTURE TIME

COMMENTS OR DELAYS AT SHIPPER:

EQUIPMENT USED:

BROKER:

PO#: WO#: 105203

MANIFEST / DOCUMENT NO.

(X) HM		PROPER U.S. D.O.T. SHIPPING NAME	U.S. D.O.T. HAZARDOUS CLASS	NA/UN NO.	PACKING GROUP	NO. CONT.	CONT. TYPE	NET QUANTITY	UNIT MEASURE	WASTE NO.	FORM
X	1	Haz	9	3077	III	1	CM	18,000	P		
	2										
	3										

SPECIAL HANDLING INSTRUCTIONS INCLUDING CONTAINER EXEMPTION NUMBER.
405-16-38033-ME
894-AK257Y-NJ

SHIPPER'S CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation, U.S. EPA and the State. The materials described above were consigned to the Transporter named. The consignee can and will accept the shipment and has a valid permit to do so if required. I certify that the foregoing is true and correct to the best of my knowledge.

Payment to the contractor for waste removal does not constitute payment to the carrier and if the contractor does not pay the carrier, the shipper is obligated to pay the agreed rate offered to the contractor.

PLEASE PRINT NAME/TITLE: Rhonda L Barber Pres

SHIPPER'S SIGNATURE: X Rhonda L Barber Pres

I HAVE READ THE ABOVE AND UNDERSTAND AND AGREE TO ALL OF ITS CONTENT.

DATE LOADED: 3/13/15 (MO. DAY YR.)

CONSIGNEE NAME/ADDRESS: Enbridge Comp Montreal E Dc.

PHONE (AREA CODE):

TRACTOR: 894 TRAILER: 405

APPOINTMENT TIME:

FCI REP. UNLOADING (PRINT): Dan Callahan

PROCEDURE: Dump

EQUIP. SPOTTED: 0008 EQUIP. REMOVED:

TIME AT CONSIGNEE (MILITARY TIME ONLY): ARRIVAL TIME / DEPARTURE TIME

COMMENTS OR DELAYS AT CONSIGNEE:

EQUIPMENT USED:

PLEASE PRINT NAME/TITLE:

CONSIGNEE SIGNATURE: X

DATE UNLOADED: 3/13/15 (MO. DAY YR.)

AR H-0257	MD HWH-167	MO H-1490	OH UPW-0190713-OH	TX 40705
CT CT-HW-307	2001-OPV-2335	ND WH-429	OK UPW-0190713-OH	WI 11602
DE DE-HW-203	ME ME-HWT-47	NH TNH-0047	ONTARIO, CANADA A 840943	WV UPW-0190713-OH
DE-SW-203	ME-WOT-47	NJ S-2265	PA PA-AH-0067	
IL UPW-0190713-OH	MI UPW-0190713-OH	15939	QUEBEC, CANADA QC-6ML-047	
MA MA-294	MN UPW-0190713-OH	NY NJ-113	RI RI-535	

White - FCI Original
Yellow - FCI Billing
Blue - FCI Office/Customer
Green - Retained by TSDF
Gold - Retained by Generator

S 530648

SOLUTION
CENTRE DE TRAITEMENT DE SOL

Centre de traitement de sol / Soil Treatment Facility
8365, Broadway Nord, Montréal (Québec) H1B 5X7

SOLUTION
SOIL TREATMENT FACILITY

P- 7275

N° d'autorisation / Authorization No.: M11807

Vente de sable / Sand purchase: 2015/03/31 12:06

Classe / Class: 2015/03/31 ☐ A ☐ B 12:52

Plage de contamination / Contamination level:

☐ AB ☐ BC ☐ >C ☒ >RESC (>D)

☐ à caractériser / sampling on arrival (n° échantillon / sample ID):

☐ Autres / Other:

Autres / Other:

Transporteur / Carrier: FREEHOLD CARTAGE INC.

Immatriculation / Truck ID: 894-

Signature du conducteur / Driver's signature

Acceptation des sols / Soil acceptance

Pesée / Weighing:

ID 894.
GROSS 27970 kg
ID 894.
GROSS 27970 kg
TARE 16280 kg
NET 11690 kg

Remarques / Remarks: ATT 10-12 2452 / sable humide / polymere ou — 9621884-7 / 0133 / 44 / Tk

Canada Border Services Agency | Agence des services frontaliers du Canada

CANADA CUSTOMS INVOICE
FACTURE DES DOUANES CANADIENNES

PROTECTED B when completed
PROTÉGÉ B une fois rempli

Page 1 of de 1

1. Vendor (name and address) - Vendeur (nom et adresse)

Gulfstream TLC, Inc.
1080 Military Turnpike, Unit 410
Plattsburgh, NY 12901

2. Date of direct shipment to Canada - Date d'expédition directe vers le Canada

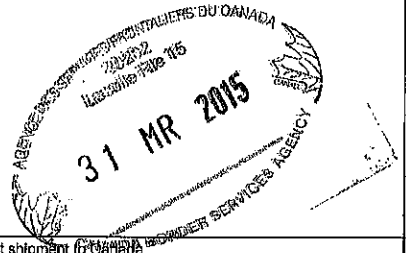
2015/02/17

3. Other references (include purchaser's order No.)
Autres références (inclure le n° de commande de l'acheteur)

M11802

4. Consignee (name and address) - Destinataire (nom et adresse)

EnGlobe Corp.
8365, Broadway North
Montreal-East (Quebec)
H1B 5X7



5. Purchaser's name and address (if other than consignee)
Nom et adresse de l'acheteur (s'il diffère du destinataire)

Englobe Corp. (454645-8)
4495 Wilfred Hamel Blvd. Suite 200
Québec (Québec) G1P 2J7

6. Country of transhipment - Pays de transbordement

7. Country of origin of goods
Pays d'origine des marchandises

United States (NJ)

IF SHIPMENT INCLUDES GOODS OF DIFFERENT ORIGINS ENTER ORIGINS AGAINST ITEMS IN 12.
SI L'EXPÉDITION COMPREND DES MARCHANDISES D'ORIGINES DIFFÉRENTES, PRÉCISEZ LEUR PROVENANCE EN 12.

8. Transportation: Give mode and place of direct shipment to Canada
Transport : Précisez mode et point d'expédition directe vers le Canada

Road from New York

9. Conditions of sale and terms of payment
(i.e. sale, consignment shipment, leased goods, etc.)
Conditions de vente et modalités de paiement
(p. ex. vente, expédition en consignation, location de marchandises, etc.)

Contaminated soil for treatment and disposal

10. Currency of settlement - Devises du paiement

Canadian funds

11. Number of packages Nombre de colis	12. Specification of commodities (kind of packages, marks and numbers, general description and characteristics, i.e., grade, quality) Désignation des articles (nature des colis, marques et numéros, description générale et caractéristiques, p. ex. classe, qualité)	13. Quantity (state unit) Quantité (précisez l'unité)	Selling price - Prix de vente	
			14. Unit price Prix unitaire	15. Total
1	Waste Environmentally Hazardous Bulk load - Contaminated soil *Value for custom purposes only, no commercial value Waste*	20,000kg	0.01	200.00

3585041280
(PARS)

18. If any of fields 1 to 17 are included on an attached commercial invoice, check this box
Si tout renseignement relativement aux zones 1 à 17 figure sur une ou des factures commerciales ci-attachées, cochez cette case ☐

Commercial Invoice No. - N° de la facture commerciale ▶

16. Total weight - Poids total

Net	Gross - Brut
20000kg	20000

17. Invoice total
Total de la facture

200.00

19. Exporter's name and address (if other than vendor)
Nom et adresse de l'exportateur (s'il diffère du vendeur)

20. Originator (name and address) - Expéditeur d'origine (nom et adresse)

21. Agency ruling (if applicable) - Décision de l'Agence (s'il y a lieu)

22. If fields 23 to 25 are not applicable, check this box
Si les zones 23 à 25 sont sans objet, cochez cette case ☑

23. If included in field 17 indicate amount:
Si compris dans le total à la zone 17, précisez :

(i) Transportation charges, expenses and insurance from the place of direct shipment to Canada
Les frais de transport, dépenses et assurances à partir du point d'expédition directe vers le Canada

(ii) Costs for construction, erection and assembly incurred after importation into Canada
Les coûts de construction, d'érection et d'assemblage après importation au Canada

(iii) Export packing
Le coût de l'emballage d'exportation

24. If not included in field 17 indicate amount:
Si non compris dans le total à la zone 17, précisez :

(i) Transportation charges, expenses and insurance to the place of direct shipment to Canada
Les frais de transport, dépenses et assurances jusqu'au point d'expédition directe vers le Canada

(ii) Amounts for commissions other than buying commissions
Les commissions autres que celles versées pour l'achat

(iii) Export packing
Le coût de l'emballage d'exportation

25. Check (if applicable):
Cochez (s'il y a lieu) :

(i) Royalty payments or subsequent proceeds are paid or payable by the purchaser
Des redevances ou produits ont été ou seront versés par l'acheteur ☐

(ii) The purchaser has supplied goods or services for use in the production of these goods
L'acheteur a fourni des marchandises ou des services pour la production de ces marchandises ☐

Dans ce formulaire, toutes les expressions désignant des personnes visent à la fois les hommes et les femmes.

CI1 (08/09) **If you require more space, please attach another sheet. - Si vous avez besoin de plus d'espace, veuillez joindre une autre feuille.** BSF169

Canada Border Services Agency — Agence des services frontaliers du Canada

PROTECTED B when completed / PROTÉGÉ B une fois rempli

CANADA CUSTOMS INVOICE
FACTURE DES DOUANES CANADIENNES

1. Vendor (name and address) - Vendeur (nom et adresse)

Gulfstream TLC, Inc.
1080 Military Turnpike, Unit 410
Plattsburgh, NY 12901

2. Date of direct shipment to Canada - Date d'expédition directe vers le Canada

2015/02/17

3. Other references (include purchaser's order No.) / Autres références (inclure le n° de commande de l'acheteur)

M11802

4. Consignee (name and address) - Destinataire (nom et adresse)

EnGlobe Corp.
8365, Broadway North
Montreal-East (Quebec)
H1B 5X7

AGENCE DES SERVICES FRONTALIERS DU CANADA 31 MR 2015 CANADA BORDER SERVICES AGENCY

5. Purchaser's name and address (if other than consignee) / Nom et adresse de l'acheteur (s'il diffère du destinataire)

Englobe Corp. (454645-8)
4495 Wilfred Hamel Blvd. Suite 200
Québec (Québec) G1P 2J7

6. Country of transhipment - Pays de transbordement

7. Country of origin of goods / Pays d'origine des marchandises

United States (NJ)

IF SHIPMENT INCLUDES GOODS OF DIFFERENT ORIGINS ENTER ORIGINS AGAINST ITEMS IN 12. SI L'EXPÉDITION COMPREND DES MARCHANDISES D'ORIGINES DIFFÉRENTES, PRÉCISEZ LEUR PROVENANCE EN 12.

8. Transportation: Give mode and place of direct shipment to Canada / Transport : Précisez mode et point d'expédition directe vers le Canada

Road from New York

9. Conditions of sale and terms of payment (i.e. sale, consignment shipment, leased goods, etc.) / Conditions de vente et modalités de paiement (p. ex. vente, expédition en consignation, location de marchandises, etc.)

Contaminated soil for treatment and disposal

10. Currency of settlement - Devises du paiement

Canadian funds

11. Number of packages / Nombre de colis	12. Specification of commodities (kind of packages, marks and numbers, general description and characteristics, i.e., grade, quality) / Désignation des articles (nature des colis, marques et numéros, description générale et caractéristiques, p. ex. classe, qualité)	13. Quantity (state unit) / Quantité (précisez l'unité)	14. Unit price / Prix unitaire (Selling price - Prix de vente)	15. Total (Selling price - Prix de vente)
1	Waste Environmentally Hazardous Bulk load - Contaminated soil *Value for custom purposes only, no commercial value Waste* 3585041280 (PARS)	20,000kg	0.01	200.00

18. If any of fields 1 to 17 are included on an attached commercial invoice, check this box ☐
Si tout renseignement relativement aux zones 1 à 17 figure sur une ou des factures commerciales ci-attachées, cochez cette case
Commercial Invoice No. - N° de la facture commerciale ▶

16. Total weight - Poids total

Net	Gross - Brut
20000kg	20000

17. Invoice total / Total de la facture: 200.00

19. Exporter's name and address (if other than vendor) / Nom et adresse de l'exportateur (s'il diffère du vendeur)

20. Originator (name and address) - Expéditeur d'origine (nom et adresse)

21. Agency ruling (if applicable) - Décision de l'Agence (s'il y a lieu)

22. If fields 23 to 25 are not applicable, check this box / Si les zones 23 à 25 sont sans objet, cochez cette case ☑

23. If included in field 17 indicate amount: / Si compris dans le total à la zone 17, précisez :

(i) Transportation charges, expenses and insurance from the place of direct shipment to Canada / Les frais de transport, dépenses et assurances à partir du point d'expédition directe vers le Canada

(ii) Costs for construction, erection and assembly incurred after importation into Canada / Les coûts de construction, d'érection et d'assemblage après importation au Canada

(iii) Export packing / Le coût de l'emballage d'exportation

24. If not included in field 17 indicate amount: / Si non compris dans le total à la zone 17, précisez :

(i) Transportation charges, expenses and insurance to the place of direct shipment to Canada / Les frais de transport, dépenses et assurances jusqu'au point d'expédition directe vers le Canada

(ii) Amounts for commissions other than buying commissions / Les commissions autres que celles versées pour l'achat

(iii) Export packing / Le coût de l'emballage d'exportation

25. Check (if applicable): / Cochez (s'il y a lieu) :

(i) Royalty payments or subsequent proceeds are paid or payable by the purchaser / Des redevances ou produits ont été ou seront versés par l'acheteur ☐

(ii) The purchaser has supplied goods or services for use in the production of these goods / L'acheteur a fourni des marchandises ou des services pour la production de ces marchandises ☐

Dans ce formulaire, toutes les expressions désignant des personnes visent à la fois les hommes et les femmes.

MOVEMENT DOCUMENT / MANIFEST
DOCUMENT DE MOUVEMENT / MANIFESTE

This Movement document/manifest conforms to all federal and provincial transport and environmental legislation.
Ce document de mouvement/manifeste est conforme aux législations fédérale et provinciale sur l'environnement et le transport.

M11802

01339414-JJK

Movement Document / Manifest Reference No. / N° de référence du document de mouvement/manifeste: **9621884-7**

A Generator / consignor — Producteur / expéditeur

Registration No. / Provincial ID No. / N° d'immatriculation - d'id. provincial: NYR000156539 (1)

Company name / Nom de l'entreprise: Gulfstream TLC, Inc.

Mailing address / Adresse postale: 1580 Military Tpk#410 | City / Ville: Plattsburgh | Province: NY | Postal code / Code postal: 12901

E-mail / Courrier électronique: | Tel. No. / N° de tél.: 802-782-2539

Shipping site address / Adresse du lieu de l'expédition: 1580, Military Tpk #410

City / Ville: Plattsburgh | Province: NY | Postal code / Code postal: 12901

Intended Receiver / consignee — Réceptionnaire / destinataire prévu (2): EnGlobe Corp

Registration No. / Provincial ID No. / N° d'immatriculation - d'id. provincial: 1167280206

Mailing address / Adresse postale: 8385 Ave. Broadway Nord | City / Ville: Mtl | Province: QC | Postal code / Code postal: H1B 5A7

E-mail / Courrier électronique: | Tel. No. / N° de tél.: 514 644-1405

Receiving site address / Adresse du lieu de destination: 8385 Avenue Broadway Nord

City / Ville: Montreal-Est | Province: Quebec | Postal code / Code postal: H1B 5A7

B Carrier — Transporteur

Registration No. / Provincial ID No. / N° d'immatriculation - d'id. provincial: NJD054126164 (23)

Company name / Nom de l'entreprise: Freehold Cartage, Inc.

Mailing address / Adresse postale: 825, Highway 33 | City / Ville: Freehold | Province: NJ | Postal code / Code postal: 07728

E-mail / Courrier électronique: | Tel. No. / N° de tél.: (732) 462-1001

Vehicle / Véhicule — Trailer - Rail car No. 1 / 1er remorque - wagon: Registration No. / N° d'immatriculation: 16-38033 | Prov.: ME (24)

Trailer - Rail car No. 2 / 2e remorque - wagon:

Port of entry / Point d'entrée: St-Bernard Lacolle Qc | Port of exit / Point de sortie: Champlain, NY (25) — International use only

Carrier Certification: I certify that I have received waste or recyclable material from the generator / consignor for delivery to the receiver / consignee as set out in Part A and that the information contained in Part B is complete and correct.
Attestation du transporteur : J'atteste avoir reçu les déchets ou matières recyclables du producteur / expéditeur en vue de leur livraison au réceptionnaire / destinataire, tels qu'ils figurent à la partie A et que les renseignements inscrits à la partie B sont exacts et complets. (26)

Name of authorized person (print) / Nom de l'agent autorisé (caractères d'imprimerie): [signature] | Tel. No. / N° de tél.: 732 462-1001

Year / Année: 15 | Month / Mois: 03 | Day / Jour: 31 | Signature:

C Receiver / consignee — Réceptionnaire / destinataire

Reference Nos. of other movement document(s)/manifest(s) used / N° de référence des autres documents de mouvement/manifestes utilisés (27):

Registration No. / Provincial ID No. / N° d'immatriculation - d'id. provincial (28): 1167280206

Receiver / consignee information same as in Part A / Les renseignements du réceptionnaire / destinataire sont les mêmes qu'à la Partie A: ☒ Yes / Oui ☐ No, complete the box below / Non, remplir la case ci-dessous

Company name / Nom de l'entreprise:

Mailing address / Adresse postale:

City / Ville: | Province: | Postal code / Code postal:

E-mail / Courrier électronique: | Tel. No. / N° de tél.:

Receiving site address / Adresse du lieu de destination:

Date received / Date de réception — Year / Année: 2014 | Month / Mois: 03 | Day / Jour: 31 | Time / Heure: 11:35 ☒ A.M. ☐ P.M. (29)

If waste or recyclable material to be transferred, specify intended company name / Si les déchets ou matières recyclables doivent être transférés, préciser le nom du destinataire (30) | Registration No. / Provincial ID No. / N° d'immatriculation / d'id. provincial:

Prov. code / Code prov. (3)	Shipping name / Appellation réglementaire	Class / Classe / Sub. class(es) / Classe(s) sub. (5)	UN No. / N° NU (6)	Packing / risk gr. / Gr. d'emballage / de risque (7)	Quantity shipped / Quantité expédiée	Units / L or / ou Kg / Unités (8)	Packaging / Contenant No. / N°	Codes Int. - ext.	Phys. state / État phys. (10)	Quantity received / Quantité reçue	Units / L or / ou Kg / Unités	Comments / Commentaires	Handling Code / Code de manutention	Shipment / Envoi Accepted / Accepté	Refused / Refusé	Decont. / Packs / Veh.
(i) 0018	Waste, Environmentally Hazardous Substance, Solid, N.O.S. ([illegible])	n/a	n/a	n/a	29,300	kg	01	01	S23	11690	kg	OK	R5	X		9K04
(ii)																
(iii)																
(iv)																

Notice No. / N° de notification (11)	Notice Line No / N° de ligne de la notification	Shipment / Envoi (12)	Of / De	D or R code / Code D ou R (13)	C code / Code C (14)	Basel Annex VIII or OECD Code / Annexe VIII de Bâle ou Code OCDE (15)	H code / Code H (16)	Y code / Code Y (17)	National code in country of Export / Code du pays Exportation (18)	Import / Importation	Customs code(s) / Code(s) de douanes (19)
(i) [illegible]	3	[illegible]	[illegible]	R5	[illegible]	[illegible]	[illegible]	Y41	-	-	3825.90.00.00
(ii)											
(iii)											
(iv)											

International use only

If handling code "Other" (specify) / Si code de manutention « autre » (spécifier) (36):

Receiver / consignee certification: I certify that the information contained in Part C is correct and complete.
Attestation du réceptionnaire / destinataire : J'atteste que tous les renseignements à la partie C sont exacts et complets. (37)

Name of authorized person (print) / Nom de l'agent autorisé (caractères d'imprimerie):

Signature: [signature] | Tel. No. / N° de tél.:

Special handling / Manutention spéciale: ☐ Attached / Ci-joint ☐ As ... (22)

Emergency Contact: CANUTEC 613-996-6666

Generator / consignor certification: I certify that the information contained in Part A is correct and complete.
Attestation du producteur / expéditeur : J'atteste que tous les renseignements à la partie A sont exacts et complets.

Name of authorized person (print) / Nom de l'agent autorisé (caractères d'imprimerie): Amanda Abudu, Pts [illegible] | Signature: | Tel. No. / N° de tél.: 518 561 [illegible] (20)

X Abudu for Gulfstream

Date shipped / Date d'expédition (21) — Year / Année: 15 | Month / Mois: 03 | Day / Jour: 31 | Time / Heure: ☒ A.M. ☐ P.M.

Scheduled arrival date / Date d'arrivée prévue — Year / Année: 15 | Month / Mois: 03 | Day / Jour: 31

MOE 04-1917 (12/13)

Retained by Carrier - Gardée par le transporteur

Copy / Copie 4 (pink / rose)

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

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number NYR000021810	2. Page 1 of 1	3. Emergency Response Phone	4. Manifest Tracking Number 013394414 JJK

GENERATOR

5. Generator's Name and Mailing Address: **20 West Centennial Corp.**
20 West Centennial Avenue Roosevelt NY 11575
Generator's Phone: **347-701-0121**

5. Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: **Freehold Cartage, Inc.** — U.S. EPA ID Number: **NJD054126164**

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address: **EnGlobe Corp.**
8365 Avenue Broadway Nord, Montreal-East, Quebec, H1B 5X7
514 644-1405
Facility's Phone: — U.S. EPA ID Number: **1162280206**

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN3077, RQ, Waste Environmentally hazardous substances, Solid, n.o.s. 9, PGIII (Tetrachloroethylene)	001	DT	18,000	P	F002		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
Gulfstream TLC acting as intermediary arranging for export. Soil contaminated with tetrachloroethylene.
ERG #171 USEPA AOC #9331/4E/14

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Brian McCabe Dept. of 20 West Centennial Corp. — Signature: [signature] — Month: 3 — Day: 30 — Year: 15

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. — Port of entry/exit: Rouses Point, NY
Transporter signature (for exports only): — Date leaving U.S.: 03/31/15

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Daniel R Callahan — Signature: [signature] — Month: 3 — Day: 30 — Year: 15

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space: ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
11650 Kg
Manifest Reference Number: P-7275

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month — Day — Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name — Signature — Month: 03 — Day: 11 — Year: 2015

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

TRANSPORTER'S COPY

APPENDIX C

Part 375- 6.8(a) Unrestricted Soil Cleanup Objectives

11.0 Final SCO Tables from Part 375

Tables 11-1 and 11-2 show the final SCOs as presented in 6 NYCRR Part 375-6.8. The Unrestricted use values shown in Table 11-1 were derived from the final human-health based SCOs (Table 5.6-1), the groundwater SCOs (Table 7-1) and the ecological SCOs (Table 8.6-1). The lowest of these values was selected as the final SCO, unless a corresponding rural soil background concentration (Tables 9.1-9 and 9.2-1) was higher, in which case the lowest rural soil background concentration was selected as the final SCO. If the final SCO was lower than the CRQL for a chemical (Section 9.4), the CRQL was substituted as the final SCO.

Table 11-1. Final Unrestricted Use SCOs as Presented in 6 NYCRR Part 375-6.8(a).

Unrestricted Use Soil Cleanup Objectives		
Contaminant	**CAS Number**	**Unrestricted Use**
Metals		
Arsenic	7440-38-2	13[c]
Barium	7440-39-3	350[c]
Beryllium	7440-41-7	7.2
Cadmium	7440-43-9	2.5[c]
Chromium, hexavalent[e]	18540-29-9	1[b]
Chromium, trivalent[e]	16065-83-1	30[c]
Copper	7440-50-8	50
Total Cyanide[e,f]		27
Lead	7439-92-1	63[c]
Manganese	7439-96-5	1600[c]
Total Mercury		0.18[c]
Nickel	7440-02-0	30
Selenium	7782-49-2	3.9[c]
Silver	7440-22-4	2
Zinc	7440-66-6	109[c]
PCBs/Pesticides		
2,4,5-TP Acid (Silvex)[f]	93-72-1	3.8
4,4’-DDE	72-55-9	0.0033[b]
4,4’-DDT	50-29-3	0.0033[b]
4,4'-DDD	72-54-8	0.0033[b]
Aldrin	309-00-2	0.005[c]
alpha-BHC	319-84-6	0.02
beta-BHC	319-85-7	0.036

Unrestricted Use Soil Cleanup Objectives		
Contaminant	**CAS Number**	**Unrestricted Use**
Chlordane (alpha)	5103-71-9	0.094
delta-BHC	319-86-8	0.04
Dibenzofuran[f]	132-64-9	7
Dieldrin	60-57-1	0.005[c]
Endosulfan I[d,f]	959-98-8	2.4
Endosulfan II[d,f]	33213-65-9	2.4
Endosulfan sulfate[d,f]	1031-07-8	2.4
Endrin	72-20-8	0.014
Heptachlor	76-44-8	0.042
Lindane	58-89-9	0.1
Polychlorinated biphenyls	1336-36-3	0.1
Semivolatile organic compounds		
Acenaphthene	83-32-9	20
Acenapthylene[f]	208-96-8	100[a]
Anthracene[f]	120-12-7	100[a]
Benz(a)anthracene[f]	56-55-3	1[c]
Benzo(a)pyrene	50-32-8	1[c]
Benzo(b)fluoranthene[f]	205-99-2	1[c]
Benzo(g,h,i)perylene[f]	191-24-2	100
Benzo(k)fluoranthene[f]	207-08-9	0.8[c]
Chrysene[f]	218-01-9	1[c]
Dibenz(a,h)anthracene[f]	53-70-3	0.33[b]
Fluoranthene[f]	206-44-0	100[a]
Fluorene	86-73-7	30
Indeno(1,2,3-cd)pyrene[f]	193-39-5	0.5[c]
m-Cresol[f]	108-39-4	0.33[b]

Unrestricted Use Soil Cleanup Objectives		
Contaminant	**CAS Number**	**Unrestricted Use**
Naphthalene[f]	91-20-3	12
o-Cresol[f]	95-48-7	0.33[b]
p-Cresol[f]	106-44-5	0.33[b]
Pentachlorophenol	87-86-5	0.8[b]
Phenanthrene[f]	85-01-8	100
Phenol	108-95-2	0.33[b]
Pyrene[f]	129-00-0	100
Volatile organic compounds		
1,1,1-Trichloroethane[f]	71-55-6	0.68
1,1-Dichloroethane[f]	75-34-3	0.27
1,1-Dichloroethene[f]	75-35-4	0.33
1,2-Dichlorobenzene[f]	95-50-1	1.1
1,2-Dichloroethane	107-06-2	0.02[c]
cis-1,2-Dichloroethene[f]	156-59-2	0.25
trans-1,2-Dichloroethene[f]	156-60-5	0.19
1,3-Dichlorobenzene[f]	541-73-1	2.4
1,4-Dichlorobenzene	106-46-7	1.8
1,4-Dioxane	123-91-1	0.1[b]
Acetone	67-64-1	0.05
Benzene	71-43-2	0.06
n-Butylbenzene[f]	104-51-8	12
Carbon tetrachloride[f]	56-23-5	0.76
Chlorobenzene	108-90-7	1.1
Chloroform	67-66-3	0.37
Ethylbenzene[f]	100-41-4	1
Hexachlorobenzene[f]	118-74-1	0.33[b]

Unrestricted Use Soil Cleanup Objectives		
Contaminant	**CAS Number**	**Unrestricted Use**
Methyl ethyl ketone	78-93-3	0.12
Methyl tert-butyl ether[f]	1634-04-4	0.93
Methylene chloride	75-09-2	0.05
n-Propylbenzene[f]	103-65-1	3.9
sec-Butylbenzene[f]	135-98-8	11
tert-Butylbenzene[f]	98-06-6	5.9
Tetrachloroethene	127-18-4	1.3
Toluene	108-88-3	0.7
Trichloroethene	79-01-6	0.47
1,2,4-Trimethylbenzene[f]	95-63-6	3.6
1,3,5-Trimethylbenzene[f]	108-67-8	8.4
Vinyl chloride[f]	75-01-4	0.02
Xylene (mixed)	1330-20-7	0.26

All Soil clean up objectives (SCOs) are in parts per million (ppm).
Footnotes:
[a] The SCOs for unrestricted use were capped at a maximum value of 100 ppm, as discussed in the TSD.
[b] For constituents where the calculated SCO was lower than the Contract Required Quantitation Limit (CRQL), the CRQL is used as the Track 1 SCO value.
[c] For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the DEC/DOH rural soil survey, the rural soil background concentration is used as the Track 1 SCO value for this use of the site.
[d] SCO is the sum of Endosulfan I, Endosulfan II and Endosulfan Sulfate.
[e] The SCO for this specific compound (or family of compounds) is considered to be met if the analysis for the total species of this contaminant is below the specific SCO.
[f] Protection of ecological resources soil cleanup objectives were not developed for contaminants identified in Table 375-6.7(b) with "NS". Where such contaminants appear in Table 375-6.7(a), the applicant may be required by the Department to calculate a protection of ecological resources soil cleanup objective according to the Technical Support Document.

Table 11-2. Final Restricted Use SCOs as Presented in 6 NYCRR Part 375-6.8(b).

Restricted Use Soil Cleanup Objectives							
		Protection of Public Health				Protection of Ecological Resources	Protection of Ground-water
Contaminant	CAS Number	Residential	Restricted-Residential	Commercial	Industrial		
Metals							
Arsenic	7440-38-2	16[f]	16[f]	16[f]	16[f]	13[f]	16[f]
Barium	7440-39-3	350[f]	400	400	10,000[d]	433	820
Beryllium	7440-41-7	14	72	590	2,700	10	47
Cadmium	7440-43-9	2.5[f]	4.3	9.3	60	4	7.5
Chromium, hexavalent[h]	18540-29-9	22	110	400	800	1[e]	19
Chromium, trivalent[h]	16065-83-1	36	180	1,500	6,800	41	NS
Copper	7440-50-8	270	270	270	10,000[d]	50	1,720
Total Cyanide[h]		27	27	27	10,000[d]	NS	40
Lead	7439-92-1	400	400	1,000	3,900	63[f]	450
Manganese	7439-96-5	2,000[f]	2,000[f]	10,000[d]	10,000[d]	1600[f]	2,000[f]
Total Mercury		0.81[j]	0.81[j]	2.8[j]	5.7[j]	0.18[f]	0.73
Nickel	7440-02-0	140	310	310	10,000[d]	30	130
Selenium	7782-49-2	36	180	1,500	6,800	3.9[f]	4[f]
Silver	7440-22-4	36	180	1,500	6,800	2	8.3
Zinc	7440-66-6	2200	10,000[d]	10,000[d]	10,000[d]	109[f]	2,480
PCBs/Pesticides							
2,4,5-TP Acid (Silvex)	93-72-1	58	100[a]	500[b]	1,000[c]	NS	3.8
4,4’-DDE	72-55-9	1.8	8.9	62	120	0.0033 [e l]	17
4,4’-DDT	50-29-3	1.7	7.9	47	94	0.0033 [e l]	136
4,4'-DDD	72-54-8	2.6	13	92	180	0.0033 [e l]	14

Restricted Use Soil Cleanup Objectives							
		Protection of Public Health				Protection of Ecological Resources	Protection of Ground-water
Contaminant	CAS Number	Residential	Restricted-Residential	Commercial	Industrial		
Aldrin	309-00-2	0.019	0.097	0.68	1.4	0.14	0.19
alpha-BHC	319-84-6	0.097	0.48	3.4	6.8	0.04[k]	0.02
beta-BHC	319-85-7	0.072	0.36	3	14	0.6	0.09
Chlordane (alpha)	5103-71-9	0.91	4.2	24	47	1.3	2.9
delta-BHC	319-86-8	100[a]	100[a]	500[b]	1,000[c]	0.04[k]	0.25
Dibenzofuran	132-64-9	14	59	350	1,000[c]	NS	210
Dieldrin	60-57-1	0.039	0.2	1.4	2.8	0.006	0.1
Endosulfan I	959-98-8	4.8[i]	24[i]	200[i]	920[i]	NS	102
Endosulfan II	33213-65-9	4.8[i]	24[i]	200[i]	920[i]	NS	102
Endosulfan sulfate	1031-07-8	4.8[i]	24[i]	200[i]	920[i]	NS	1,000[c]
Endrin	72-20-8	2.2	11	89	410	0.014	0.06
Heptachlor	76-44-8	0.42	2.1	15	29	0.14	0.38
Lindane	58-89-9	0.28	1.3	9.2	23	6	0.1
Polychlorinated biphenyls	1336-36-3	1	1	1	25	1	3.2
Semivolatiles							
Acenaphthene	83-32-9	100[a]	100[a]	500[b]	1,000[c]	20	98
Acenapthylene	208-96-8	100[a]	100[a]	500[b]	1,000[c]	NS	107
Anthracene	120-12-7	100[a]	100[a]	500[b]	1,000[c]	NS	1,000[c]
Benz(a)anthracene	56-55-3	1[f]	1[f]	5.6	11	NS	1[f]
Benzo(a)pyrene	50-32-8	1[f]	1[f]	1[f]	1.1	2.6	22
Benzo(b)fluoranthene	205-99-2	1[f]	1[f]	5.6	11	NS	1.7
Benzo(g,h,i)perylene	191-24-2	100[a]	100[a]	500[b]	1,000[c]	NS	1,000[c]
Benzo(k)fluoranthene	207-08-9	1	3.9	56	110	NS	1.7

Restricted Use Soil Cleanup Objectives							
Contaminant	CAS Number	Protection of Public Health				Protection of Ecological Resources	Protection of Ground-water
		Residential	Restricted-Residential	Commercial	Industrial		
Chrysene	218-01-9	1[f]	3.9	56	110	NS	1[f]
Dibenz(a,h)anthracene	53-70-3	0.33[e]	0.33[e]	0.56	1.1	NS	1,000[c]
Fluoranthene	206-44-0	100[a]	100[a]	500[b]	1,000[c]	NS	1,000[c]
Fluorene	86-73-7	100[a]	100[a]	500[b]	1,000[c]	30	386
Indeno(1,2,3-cd)pyrene	193-39-5	0.5[f]	0.5[f]	5.6	11	NS	8.2
m-Cresol	108-39-4	100[a]	100[a]	500[b]	1,000[c]	NS	0.33[e]
Naphthalene	91-20-3	100[a]	100[a]	500[b]	1,000[c]	NS	12
o-Cresol	95-48-7	100[a]	100[a]	500[b]	1,000[c]	NS	0.33[e]
p-Cresol	106-44-5	34	100[a]	500[b]	1,000[c]	NS	0.33[e]
Pentachlorophenol	87-86-5	2.4	6.7	6.7	55	0.8[e]	0.8[e]
Phenanthrene	85-01-8	100[a]	100[a]	500[b]	1,000[c]	NS	1,000[c]
Phenol	108-95-2	100[a]	100[a]	500[b]	1,000[c]	30	0.33[e]
Pyrene	129-00-0	100[a]	100[a]	500[b]	1,000[c]	NS	1,000[c]
Volatiles							
1,1,1-Trichloroethane	71-55-6	100[a]	100[a]	500[b]	1,000[c]	NS	0.68
1,1-Dichloroethane	75-34-3	19	26	240	480	NS	0.27
1,1-Dichloroethene	75-35-4	100[a]	100[a]	500[b]	1,000[c]	NS	0.33
1,2-Dichlorobenzene	95-50-1	100[a]	100[a]	500[b]	1,000[c]	NS	1.1
1,2-Dichloroethane	107-06-2	2.3	3.1	30	60	10	0.02[f]
cis-1,2-Dichloroethene	156-59-2	59	100[a]	500[b]	1,000[c]	NS	0.25
trans-1,2-Dichloroethene	156-60-5	100[a]	100[a]	500[b]	1,000[c]	NS	0.19
1,3-Dichlorobenzene	541-73-1	17	49	280	560	NS	2.4

Restricted Use Soil Cleanup Objectives							
		Protection of Public Health				Protection of Ecological Resources	Protection of Ground-water
Contaminant	CAS Number	Residential	Restricted-Residential	Commercial	Industrial		
1,4-Dichlorobenzene	106-46-7	9.8	13	130	250	20	1.8
1,4-Dioxane	123-91-1	9.8	13	130	250	0.1[e]	0.1[e]
Acetone	67-64-1	100[a]	100[b]	500[b]	1,000[c]	2.2	0.05
Benzene	71-43-2	2.9	4.8	44	89	70	0.06
n-Butylbenzene	104-51-8	100[a]	100[a]	500[b]	1,000[c]	NS	12
Carbon tetrachloride	56-23-5	1.4	2.4	22	44	NS	0.76
Chlorobenzene	108-90-7	100[a]	100[a]	500[b]	1,000[c]	40	1.1
Chloroform	67-66-3	10	49	350	700	12	0.37
Ethylbenzene	100-41-4	30	41	390	780	NS	1
Hexachlorobenzene	118-74-1	0.33[e]	1.2	6	12	NS	3.2
Methyl ethyl ketone	78-93-3	100[a]	100[a]	500[b]	1,000[c]	100[a]	0.12
Methyl tert-butyl ether	1634-04-4	62	100[a]	500[b]	1,000[c]	NS	0.93
Methylene chloride	75-09-2	51	100[a]	500[b]	1,000[c]	12	0.05
n-Propylbenzene	103-65-1	100[a]	100[a]	500[b]	1,000[c]	NS	3.9
sec-Butylbenzene	135-98-8	100[a]	100[a]	500[b]	1,000[c]	NS	11
tert-Butylbenzene	98-06-6	100[a]	100[a]	500[b]	1,000[c]	NS	5.9
Tetrachloroethene	127-18-4	5.5	19	150	300	2	1.3
Toluene	108-88-3	100[a]	100[a]	500[b]	1,000[c]	36	0.7
Trichloroethene	79-01-6	10	21	200	400	2	0.47
1,2,4-Trimethylbenzene	95-63-6	47	52	190	380	NS	3.6
1,3,5-Trimethylbenzene	108-67-8	47	52	190	380	NS	8.4
Vinyl chloride	75-01-4	0.21	0.9	13	27	NS	0.02
Xylene (mixed)	1330-20-7	100[a]	100[a]	500[b]	1,000[c]	0.26	1.6

All Soil clean up objectives (SCOs) are in parts per million (ppm).
NS=Not specified. See Technical Support Document (TSD).
Footnotes:
[a] The SCOs for residential, restricted-residential and ecological resources use were capped at a maximum value of 100 ppm, see TSD Section 9.3.
[b] The SCOs for commercial use were capped at a maximum value of 500 ppm, see TSD Section 9.3.
[c] The SCOs for industrial use and the protection of groundwater were capped at a maximum value of 1000 ppm, see TSD Section 9.3.
[d] The SCOs for metals were capped at a maximum value of 10,000 ppm, see TSD Section 9.3.
[e] For constituents where the calculated SCO was lower than the Contract Required Quantitation Limit (CRQL), the CRQL is used as the SCO value.
[f] For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the DEC/DOH rural soil survey, the rural soil background concentration is used as the Track 2 SCO value for this use of the site.
[g] SCO is the sum of DDD, DDE and DDT.
[h] The SCO for this specific compound (or family of compounds) is considered to be met if the analysis for the total species of this contaminant is below the specific SCO.
[i] This SCO is for the sum of Endosulfan I, Endosulfan II and Endosulfan Sulfate.
[j] This SCO is the lower of the values for mercury (elemental) or mercury (inorganic salts), see TSD table 5.6-1.
[k] This SCO is derived from data on mixed isomers of BHC.
[l] This SCO is for the sum of DDD, DDE and DDT.

APPENDIX D

UIC Cleanout Report

INTERIM REMEDIAL MEASURES
UIC REMEDIATION
REPORT

20 W. CENTENNIAL CORP.
20 WEST CENTENNIAL AVENUE
ROOSEVELT, NEW YORK 11575

PREPARED FOR:

DAVID W. DENENBERG
LAW OFFICES OF DAVIDOFF HATCHER & CITRON LLP
200 GARDEN CITY PLAZA
GARDEN CITY, NEW YORK 11530
ON BEHALF OF 20 W. CENTENNIAL CORP.

PREPARED BY:

LAUREL ENVIRONMENTAL ASSOCIATES, LTD.
53 WEST HILLS ROAD, SUITE 1
HUNTINGTON STATION, NEW YORK

OCTOBER 10, 2013
NYSDEC SITE CODE #1-30-154
ORDER OF CONSENT #W1-1137-09-06
***LEA* PROJECT #12-260**

53 WEST HILLS ROAD, SUITE 1, HUNTINGTON STATION, NEW YORK 11746
TELEPHONE: (631) 673-0612 FAX: (631) 427-5323
WWW.LAURELENV.COM

LAUREL ENVIRONMENTAL ASSOCIATES, LTD.
ENVIRONMENTAL CERTIFICATION

NYSDEC Site Code:	**1-30-154**
Order of Consent:	**W1-1137-09-06**
***LEA* Project No.:**	**12-260**
Report:	Interim Remedial Measures, UIC Remediation
Approved IRM Work Plan:	June 2013
Field Work Dates:	June 17, 2013 June 18, 2013
Report Date:	October 10, 2013
Site:	20 West Centennial Avenue, Roosevelt, New York 11575 Located on the north side of West Centennial Avenue, 175 fee west of Nassau Road and 550 feet east of Elysian Terrace
Weather Conditions:	92° F, Sunshine
Respondent:	20 W. Centennial Corp.
Report Prepared By:	

Brian McCabe
Senior Geologist

Carla M. Sullivan
VP, Senior Geologist, QA/QC

ENVIRONMENTAL PROFESSIONAL CERTIFICATION

I declare that, to the best of my professional knowledge and belief, we meet the definition of *Environmental Professional* as defined in § 312.10 of 40 Code of Federal Regulations (CFR) 312.

The Environmental Professional who directed this project has the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Site. We have developed and performed all the appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Scott A. Yanuck
Hydrogeologist, Principal

Date

TABLE OF CONTENTS

REPORT SPECIFICATIONS

This report contains (21) pages of text.

Copies and circulation of this report are as follows:

(2) One bound and one electronic copy to each person on the Report Distribution List which appears on page 5 of this document.

(1) One copy in the confidential client file at ***Laurel Environmental Associates, Ltd.***

This report is prepared for the exclusive use of the principal(s) noted above and is considered private and confidential. ***LEA*** shall not release this report or any of the findings of this report to any person or agency except with the authorization of the named principal(s).

LAUREL Environmental Associates, Ltd. •53 West Hills Road, Suite 1, Huntington Station, NY 11746 •phone (631) 673-0612 •fax (631) 427-5323

LIST OF FIGURES

LIST OF TABLES

LIST OF APPENDICES

REPORT DISTRIBUTION LIST

Henry Wilkie
NYSDEC
Division of Environmental Remediation
Remedial Bureau A, 12th Floor
625 Broadway
Albany, New York 12233-7015

Timothy LeBarron, Quality Assurance Officer
NYSDEC
Division of Environmental Remediation
Bureau of Technical Support Training and Technical Support Section
625 Broadway, 11th Floor
Albany, NY 12233

Steve Karpinski, Public Health Specialist II
Bureau of Environmental Exposure Investigation
New York State Department of Health
Empire State Plaza, Corning Tower, Room 1787
Albany, New York 12237

David W. Denenberg, Esquire
Law Offices of Davidoff Hutcher & Citron LLP
200 Garden City Plaza, Suite 315
Garden City, New York 11530

Paul Baer
20 W. Centennial Corp.
209 Nassau Road
Roosevelt, New York 11575

ACRONYMS

ARARs	Applicable or Relevant and Appropriate Requirements
AS	Air Sparge
bgs	below ground surface
CAMP	Community Air Monitoring Program
C&D	Construction and Demolition (debris)
CEC	Cation Exchange Capability
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFM	cubic feet per minute
COC	Contaminate of Concern
COD	Chemical Oxygen Demand
CPC	Chemical of Potential Concern
DNAPL	Dense non-aqueous phase liquid
DO	Dissolved Oxygen
DOT	Department of Transportation
EISB	Enhanced *In-situ* Bioremediation
EPA	Environmental Protection Agency
FWIA	Fish and Wildlife Impact Analysis
HASP	Health and Safety Plan
HP	Horsepower
HRA	Health Risk Assessment
HRC	Hydrogen Release Compound
GAC	Granulated Active Carbon
IHWS	Inactive Hazardous Waste Site
IIWA	Immediate Investigation Work Assignment
ISCO	In-Situ Chemical Oxidation
LBWD	Long Beach Water District
LEA	Laurel Environmental Associates Ltd
LDR	Land Disposal Restrictions
MNA	Monitored Natural Attenuation
MW	Monitoring Well
NCDH	Nassau County Department of Health
NCP	National Contingency Plan
NPL	National Priority List
NYSDOH	New York State Department of Health
NYSDEC	New York State Department of Environmental Conservation
O&M	Operation and Maintenance

OSHA	Occupational Safety and Health Administration
PAHs	Polycyclic Aromatic Hydrocarbons
PCE	Perchloroethene (same as Tetrachloroethene or PERC)
PID	Photoionization detector
POTW	Publicly-Owned Treatment Works
ppb	parts per billion (µg/kg)
ppm	parts per million (mg/kg)
PRAP	Proposed Remedial Action Plan
RAGS	Risk Assessment Guidance for Superfund
RAP	Remedial Action Plan
RAO	Remedial Action Objective
RI/FS	Remedial Investigation/Feasibility Study
ROD	Record of Decision
ROI	Radius of Influence
RSCO	Recommended Soil Cleanup Objective (as per TAGM)
SARA	Superfund Amendments and Reauthorization Act
SCGs	Standards, Criteria, and Guidance Values
SSVMP	Stainless Steel Vapor Monitoring Points
SCO	Soil Cleanup Objective
SCG	Standards, Criteria and Guidance
SVE	Soil Vapor Extraction
SVI	Soil Vapor Intrusion
SVOC	Semi Volatile Organic Compound
TAGM	Technical and Administrative Guidance Memorandum
TCE	Trichloroethene
TCL	Target Compound List
TCLP	Toxicity Characteristic Leaching Procedure
TMV	Toxicity, Mobility, or Volume
TOC	Total Organic Compounds
USEPA	United States Environmental Protection Agency
UTS	Universal Treatment Standards
VOC	Volatile Organic Compound
w.c.	Water Column

LAUREL Environmental Associates, Ltd. •53 West Hills Road, Suite 1, Huntington Station, NY 11746 •phone (631) 673-0612 •fax (631) 427-5323

1.0 INTRODUCTION

The scope of work performed in the remediation of the three (3) Class V underground Injection Control (UIC) structures at the Site is based upon the approved Interim Remedial Measures (IRMs) Work Plan. This IRM Work Plan was submitted to and approved by, the New York State Department of Conservation (NYSDEC) and the New York State Department of Health (NYSDOH).

Laurel Environmental Associates, Ltd. (LEA) was retained by 20 W. Centennial Corp.. to perform all tasks associated with the above referenced IRMs at the commercial property located at Site: 20 West Centennial Avenue, Roosevelt, New York 11575 (please see Figure 1.0, Site Location). The purpose of this specific scope of work is to remove liquid and impacted bottom sediments from the three (3) UICs identified as storm water drywells within the driveway and parking areas at the Site. These structures were previously determined to be impacted with semi-volatile organic compounds (SVOCs) above the Soil Cleanup Objective (SCO) provided in the Part 375-6.8(a) Unrestricted Soil/Groundwater Cleanup Objectives. As such, each structure required remediation and confirmatory end-point sampling.

Site Details	
Site Address	20 West Centennial Avenue, Roosevelt, New York
Cross Streets	Nassau Road
Site Owner	20 West Centennial Corp.
Site Occupant	Vacant Commercial Building
Tax Lot	Section: 55 Block: 415 Lot: 273
Municipality	Town of Hempstead, County of Nassau
Zoning	Residential and Commercial
USGS Quadrangle	Freeport, NY
Physical Location	Latitude 40° 40' 36.85" North Longitude 73° 35' 21.36" West
Land Size	Approximately 16,000 square feet
Building Footprint	Approximately 9,000 square feet
Site Elevation	38 feet
Depth to Groundwater	20 feet
Site Topography	Generally flat

1.1 SITE HISTORY

The Site has been the subject of ongoing investigation over the past eleven (11) years. A brief summary of the previous investigation is provided below:

A total of four investigations have been performed at the Site. These investigations have been performed by Sear-Brown Group, Malcolm Pirnie Consulting and Dermody Consulting. ***LEA*** reviewed the following investigations in preparation of the IRM Work Plan:

- **Phase I Environmental Site Assessment, Sear-Brown, October, 2002**
- **Phase II Environmental Site Assessment Report, Sear-Brown, December 26, 2002**
- **Subsurface Remedial Investigation, Malcolm Pirnie, April, 2008**
- **Supplemental Remedial Investigation Report and Focused Feasibility Study, Dermody Consulting, May, 2012**

1.1.1 Phase I Environmental Site Assessment

The Phase I indicated that prior to 1955, there was a small structure located in the southern portion of the Site. After 1955, a large industrial building (Southern Building or "Site") was constructed. Between 1955 and 1998, the building was operated as a commercial laundry by several different tenants. Ownership of the property also changed three times during that time frame.

The Phase I identified three active drywells throughout the asphalted parking area, and a trench drain abandoned with concrete within the subject building.

1.1.2 Phase II Environmental Site Assessment

A Phase II ESA was performed at the Site by Sear-Brown to address areas of concern identified during the performance of the Phase I. The Phase II consisted of the following:

- A geophysical survey was performed to verify the presence of USTs at the Site.
- Eight soil borings were installed at the Site, identified as GP-20-1 through GP-20-8. The soil borings were installed to a depth ranging from 8 to 28 feet below the ground surface. Of the eight soil borings, four were converted to permanent groundwater monitoring wells.

The results of the soil and groundwater sampling indicated the presence of tetrachloroethylene (PCE) and its degradation products, in various samples, above their respective regulatory standards.

1.1.3 Subsurface Remedial Investigation

In April and May of 2008, Malcolm Pirnie performed a Subsurface Remedial Investigation at the Site to further delineate the extent of impact. To this end, Malcolm Pirnie performed the following:

- Collected liquid and sediment samples for the three storm water drywells.
- Performed 19 soil borings, identified as SB-1 through SB-19. From the 19 borings, 33 soil samples were retained for laboratory analysis.
- Collected two surface samples, identified as SS-1 and SS-2.
- Collected 30 groundwater samples from various depths in four on-site locations and two off-site locations.

The soil and sediment samples collected were analyzed for the presence of volatile organic compounds (VOCs), semi-volatile organic compounds (SVOC), and metals. The liquid collected from the drywells was analyzed for VOCs. All of the groundwater samples were analyzed for VOCs and SVOCs.

The analytical results indicated that there was no up-gradient component to the PCE being encountered at the Site. The soil samples indicated that impacted soil was present in the soil retained from the shallow depths within the central portion of the south building. The results of the groundwater analysis verified the presence of PCE in the groundwater at the water table within the south building's interior and along the access driveway to the west of the south building. Groundwater samples obtained to the south of the south building, both on and off-site, verified the presence of PCE, with highest concentration at the water table and with decreasing concentration within the water column. The sediment sample obtained from the storm water drywell did not contain PCE. However, elevated SVOCs were present at concentrations exceeding the Soil Cleanup Objective (SCO) provided in the NYSDEC Technical and Administrative Guidance Memorandum (TAGM) 4046.

1.1.4 Supplemental Remedial Investigation Report and Focused Feasibility Study

Dermody Consulting performed a Supplemental Remedial Investigation in November, 2010 and September, 2011, to further delineate the extent of soil and groundwater impact both on and off-site. The scope of work performed by Dermody included the following:

- Performed a Ground Penetrating Radar (GPR) survey to evaluate the Site for the presence of USTs.
- Performed soil borings in five locations identified as SB-22 through SB-26. Core samples were collected from 0 - 20 feet bgs. The core samples were field screened utilizing a photoionization detector PID. The samples with the highest PID reading and the sample directly above the water table were retained for analysis.
- Collected six off-site groundwater samples utilizing a direct push sampler, identified as GW-28 through GW-33. Each groundwater sample was collected over three depth intervals; (24 - 26), (40 - 42) and (60 - 62) feet bgs.
- Installed and sampled four off-site groundwater monitoring wells identified as MW-1S (20 - 25), MW-1D (47 - 50), MW-2S (20 - 25), and MW-2D (47 - 50). These wells were installed directly south of the Site on the north side of West Centennial Avenue.

The results of the GPR survey confirmed the presence of the heating oil UST to the south of the south building and did not identify any anomalies consistent with USTs to the north of the south building. Soil samples were retained within the top three feet for all of the soil boring locations and from between 15 and 18 feet in boring locations SB-22 through SB-24. The analytical results from the soil borings confirmed that the PCE was present in the shallow soil in the central portion of the south building and in the corresponding area to the west of the south building in the access driveway. The off-site groundwater samples obtained through the direct push sampling confirmed the presence of low concentrations of PCE above NYSDEC Class GA Ambient Water Quality Standards in the water column to the south of the Site along the north side of West Centennial Avenue.

LAUREL Environmental Associates, Ltd. •53 West Hills Road, Suite 1, Huntington Station, NY 11746 •phone (631) 673-0612 •fax (631) 427-5323

1.2 IRM UIC REMEDIATION, SAMPLING AND ANALYSIS PLAN

An IRM UIC Remediation, Sampling and Analysis Plan was developed to address the identified and potential recognized environmental conditions commonly associated with the previously referenced historical and current usage. This program was included in the IRM Workplan, which received NYSDEC approval in June, 2013.

The configuration of the drywells was confirmed and waste characterization samples were collected. Upon facility approval, standing liquids will be pumped from each drywell using a vacuum truck and bottom sediments removed using a Guzzler until visually clean or groundwater was encountered. The following sampling methods were employed with respect to the remediated UIC structures:

1. Utilizing a stainless steel hand auger, soil samples from bottom-lying sediments within each of the on-site UIC structures were collected. These samples were field screened with a Photoionization Detector (PID), visual and olfactory methods. The samples were stored in a cooler with ice, pending submittal for laboratory analysis.
2. Utilizing a model 6610DT Geoprobe®, soil samples were collected directly above the groundwater table. The samples were field screened with a PID, visual and olfactory methods. The samples were then placed in a cooler with ice, pending submittal for laboratory analysis.

A total of five (5) soil samples and one Duplicate sample were collected and retained for laboratory analysis. The collected samples were analyzed using United States Environmental Protection Agency (USEPA) UIC parameters for volatile organic compounds (VOCs) in the case of the samples collected at the soil/groundwater interface, and semi-volatile organic compounds (SVOCs), and Priority Pollutant metals in the case of the samples collected at the base of each drywell. All analytical results are compared to the NYSDEC Part 375-6.8(a) SCOs.

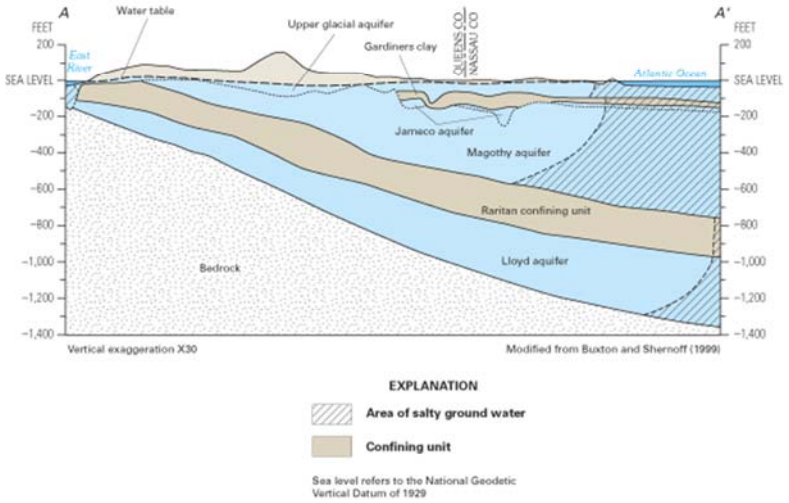
<u>The following tasks were completed by ***LEA*** at the Site:</u>

1. Determined the configuration of on-site UIC structures by observing piping within each.
2. Utilized a stainless steel hand auger two waste characterization samples from bottom lying sediments within each of the on-site drywells.
3. Utilized a vacuum truck to pump standing water
4. Utilized a Guzzler truck to remove visually impacted soils from the drywells
5. Utilized a stainless steel hand auger to collect endpoint soil samples from bottom lying sediments within each of the on-site drywells.
6. Utilized a model 6610DT Geoprobe® to collect a sample at the soil water interface in each of the three UIC structures, (drywells).
7. Field screened all soil samples using a Photo Ionization Detector (PID) equipped with a 10.6 eV lamp, visual and olfactory methods.
8. Submitted all samples to York Analytical Laboratories Inc for analysis.
9. Reviewed results and produced a report of findings with any recommendations clearly outlined.

All sampling equipment not considered disposable was decontaminated using Alconox®, a laboratory grade detergent, and rinsed with water before and after each use to ensure that cross-contamination of samples was eliminated.

2.0 SITE HYDROGEOLOGY

Nassau County, New York is located in the Atlantic Coastal Plain physiographic province that is characterized by low hills of unconsolidated sands, gravel and silt. According to Franke (1972), regionally, the near-surface sediments consist of the Upper Glacial deposits that are characterized by southward sloping deposits of sand, gravel and silt. The Upper Glacial deposits have a maximum thickness of 600 feet. They are underlain by the Magothy, Raritan and Lloyd Formations. The Gardiners Clay and the Jameco gravel separate the Upper Glacial deposits and the Magothy Formation along the southwest portion of Long Island. Due to less superficial contamination and higher well yields, the Magothy aquifer is the main supply for drinking and industrial water. Consequently, the USEPA has identified it as a Sole Source Aquifer. The Site is in the Upper Glacial aquifer. Pump test data suggests hydraulic conductivity between the Magothy and Upper Glacial aquifers. However, discontinuous clay lenses may prevent this interaction in some areas.



According to groundwater contour maps provided by the NCDH and the NYSDEC, Topographic Quadrangles provided by the USGS, and previous work performed by ***LEA*** in the area, the Site has an elevation of approximately 38 feet above mean sea level. Regional groundwater is estimated to be 20 feet below grade at the Site and flowing in a southerly direction, towards Baldwin Bay. A site specific hydrogeologic study is warranted to confirm localized on-site groundwater flow direction, which is beyond the scope of this report.

3.0 UIC REMEDIATION AND ANALYSIS

On June 17, and 18, 2013, Aarco Environmental, under the direction of ***LEA*** Staff, remediated the on-site UIC structures, which consist of three (3) storm water drywells, designated DW-1 through DW-3. Please refer to Figure 2.0 Site Sketch for drywell locations. The configuration of the structures was determined by visual inspection of piping within each structure. At the time the structures were being remediated, DW-2 and DW-3 were found to contain between three (3) and four (4) feet of liquid. Prior to remediation, the standing water was pumped from the two structures and transported by Clear Brook Environmental to Clearflo Technologies, Inc. for disposal. Utilizing a Guzzler truck, the bottom lying soil and sludge was removed from each structure until visually clean material was observed. The material within each structure consisted of dark brown to black sludgy material with sand, gravel, and soil with tree roots. Table I: UIC Remediation, below provides the depth of each drywell pre and post remediation with the approximate volume of soil/sludge removed:

Table I: UIC Remediation

UIC Structure	Diameter	Initial Depth	Final Depth	Volume of soil removed
DW-1	8’	9’	11.0’	3.5 cubic yards
DW-2	8’	10’	14’	6.2 cubic yards
DW-3	8’	12’	17’	9.3 cubic yards

After all of the impacted material was removed to the extent possible from the structures, post remedial endpoint sampling was performed.

3.1 SAMPLING AND ANALYSIS

Two set of samples were collected from DW-1 and DW-2. The first was an endpoint sample and the second was a sample collected at the soil/groundwater interface. The final depth of DW-3 at the conclusion of the remediation was 17 feet, which was at the soil/groundwater interface and therefore a second sample was not required to evaluate the vertical soil conditions in that area. Using a stainless steel hand auger, representative soil samples were collected from bottom-lying sediments within each structure. Each sample was collected at approximately one foot into the soil. Utilizing a Geoprobe ® 6610DT, one soil sample was collected below the base of DW-1 and DW-2 at the soil/groundwater interface, approximately 16.5 feet below the ground surface. Field characterization of the endpoint samples and the deeper samples for DW-1 and DW-2 consisted of tan gravelly sands with no obvious odor.

All samples collected from DW-1, DW-2, and DW-3 were submitted for laboratory analysis at a New York State Department of Health approved laboratory. Sample volumes were placed into appropriate laboratory supplied containers, stored on ice, and delivered via laboratory courier to York Analytical Laboratories, Inc., of Stratford, Connecticut for laboratory analysis. The shallow endpoint samples were analyzed for the presence of SVOCs using EPA Method 8270 (Base Neutral compounds only) and for

Priority Pollutant Metals (PPMs) using EPA Method 6010. The deeper samples collected for DW-1 and DW-2 were analyzed for the presence of VOCs using EPA Method 8260. Laboratory results can be found in Appendix B, while the NYSDEC Part 375-6.8(a) SCOs Table is included in Appendix D

Shallow End-Point Sample Results

The soil samples collected from DW-1, DW-2, and DW-3 were analyzed for the presence of SVOCs and PPMs. Laboratory analysis indicated that there were no SVOCs present in any of the structures above laboratory minimum detection limit. The minimum detection limits were evaluated and found to be below commercial and industrial use Soil Cleanup Objectives (SCOs). The laboratory analysis of the soil samples indicated the presence of several PPMs above the laboratory reported detection limits, but below the commercial and industrial use SCOs. All metals that were identified at concentrations below the laboratories minimum detection limits, were also well below the commercial and industrial use SCOs set forth in the NYSDEC Part 375-6.8(a) SCOs. Please refer to Table II, and III on the following page for the tabulated data.

Laboratory analysis of the samples showed the following:

- No SVOCs were detected above the minimum detection limit in DW-1 (11.5'), DW-2 (14') and DW-3 (17').
- Low levels of PPMs were detected in all three samples but were well below their respective regulatory cleanup objectives. .

TABLE II
Tabulated Metals Analytical Results

Location	DW-1	DW-2	DW-3	Commercial	Industrial
Depth	11.5'	14'	17'	Use SCO	Use SCO
Analyte					
Antimony	7.76	0.651	0.89	NGV	NGV
Arsenic	3.42	<0.359	<0.364	16	16
Beryllium	<0.132	<0.105	<0.107	590	2,700
Cadmium	0.929	<0.105	<0.107	9.3	60
Total Chromium	13.8	35.7	8.65	400	800
Copper	114	3.53	7.4	270	10,000
Lead	271	11.1	7.93	1,000	3,900
Mercury	0.115	0.00295	0.0299	2.8	5.7
Nickel	13.3	5.06	2.12	310	10,000
Selenium	1.82	0.91	<0.536	1,500	6,800
Silver	<0.132	<0.527	<0.107	1,500	6,800
Thallium	<0.421	<0.527	<0.343	NGV	NGV
Zinc	162	27.8	34	10,000	10,000

All concentrations are in parts per million (ppm)

NGV = No guidance value

TABLE III
Tabulated SVOC Analytical Results

Analyte/Location	DW-1	DW-2	DW-3	Commercial	Industrial
Depth	**11.5'**	**14'**	**17'**	**Use SCO**	**Use SCO**
Analyte					
Acenaphthene	<794	<120	<646	500,000	1,000,000
Acenapthylene	<1,050	<169	<857	500,000	1,000,000
Anthracene	<1,200	<192	<975	500,000	1,000,000
Benzo (a) anthracene	<820	<131	<668	5,600	11,000
Benzo (a) pyrene	<868	<295	<707	1,000	1,100
Benzo (b) fluoranthene	<1,840	<295	<1,500	5,600	11,000
Benzo (g,h,i) perylene	<728	<117	<593	500,000	1,000,000
Benzo (k) fluoranthene	<2,190	<352	<1,790	56,000	110,000
Chrysene	<1,010	<162	<821	56,000	110,000
Dibenzo (a,h) anthracene	<882	<141	<718	560	1,100
Fluoranthene	<1,280	<206	<1050	500,000	1,000,000
Fluorene	<1,050	<169	<857	500,000	1,000,000
Indeno (1,2,3-cd) pyrene	<1,000	<160	<814	5,600	11,000
m-Cresol	NA	NA	NA	500,000	1,000,000
Naphthalene (8270)	<539	<86.5	<439	500,000	1,000,000
o-Cresol	NA	NA	NA	500,000	1,000,000
p-Cresol	NA	NA	NA	500,000	1,000,000
Pentachlorophenol	NA	NA	NA	6,700	55,000
Phenanthrene	<1,140	<184	<932	500,000	1,000,000
Phenol	NA	NA	NA	500,000	1,000,000
Pyrene	<895	<143	<728	500,000	1,000,000

All concentrations are in parts per billion (ppb)

Based on the analytic results of the endpoint soil samples collected after the remediation of the three (3) drywells, all SVOCs and Metals have been remediated.

Soil/Groundwater Interface Samples

Soil samples were collected at the soil/groundwater interface in UIC structures DW-1 and DW-2 and analyzed for the presence of VOCs. Laboratory analysis of the soil samples indicated that DW-2 contained two (2) VOCs at concentrations above the laboratories reported detection limits; Acetone at 8.4 µg/L and 1,2,4-Trimethylbenzene at 6.7 µg/L. All other VOC compounds were at concentrations below the laboratories minimum detection limits. The minimum detection limits were evaluated and found to be below commercial and industrial use SCOs set forth in the NYSDEC Part 375-6.8(a) SCOs. Please refer to Table IV on the following page for tabulated data.

TABLE IV
Tabulated VOC Analytical Results

Analyte/Location	DW-1	DW-2	Commercial	Industrial
Depth	**16.5'**	**16.5'**	**Use SCO**	**Use SCO**
Analyte				
1,1,1-Trichloroethane	<5.3	<5.2	500,000	1,000,000
1,1-Dichloroethane	<5.3	<5.2	240,000	480,000
1,1-Dichloroethene	<5.3	<5.2	500,000	1,000,000
1,2-Dichlorobenzene	<5.3	<5.2	500,000	1,000,000
1,2-Dichloroethane	<5.3	<5.2	30,000	60,000
cis-1,2-Dichloroethene	<5.3	<5.2	500,000	1,000,000
trans-1,2-Dichloroethene	<5.3	<5.2	500,000	1,000,000
1,3-Dichlorobenzene	<5.3	<5.2	280,000	560,000
1,4-Dichlorobenzene	<5.3	<5.2	130,000	250,000
1,4-Dioxane	<110	<100	130,000	250,000
Acetone	<5.3	8.4	500,000	1,000,000
Benzene	<5.3	<5.2	44,000	89,000
n-Butylbenzene	<5.3	<5.2	500,000	1,000,000
Carbon tetrachloride	<5.3	<5.2	22,000	44,000
Chlorobenzene	<5.3	<5.2	500,000	1,000,000
Chloroform	<5.3	<5.2	350,000	700,000
Ethylbenzene	<5.3	<5.2	390,000	780,000
Hexachlorobenzene	<5.3	<5.2	6,000	12,000
Methyl ethyl ketone	<5.3	<5.2	500,000	1,000,000
Methyl tert-butyl ether	<5.3	<5.2	500,000	1,000,000
Methylene chloride	<5.3	<5.3	500,000	1,000,000
n-Propylbenzene	<5.3	<5.4	500,000	1,000,000
sec-Butylbenzene	<5.3	<5.5	500,000	1,000,000
tert-Butylbenzene	<5.3	<5.6	500,000	1,000,000
Tetrachloroethene	<5.3	<5.7	150,000	300,000
Toluene	<5.3	<5.8	500,000	1,000,000
Trichloroethene	<5.3	<5.9	200,000	400,000
1,2,4-Trimethylbenzene	<5.3	6.7	190,000	380,000
1,3,5-Trimethylbenzene	<5.3	<5.2	190,000	380,000
Vinyl chloride	<5.3	<5.2	13,000	27,000
Xylene (mixed)	<11	<10	500,000	1,000,000

All concentrations are in parts per billion (ppb)

Analytes not tabulated are below laboratory quantitative levels (BQL)
Bold and Shaded= Concentration above Unrestricted Use Soil Cleanup Objective (SCO)

NA =Not Applicable or Not Analyzed

Laboratory analysis of the samples showed the following:

- Low levels of the VOCs Acetone and 1,2,4-Trimethylbenzene are present at concentrations below the NYSDEC 375-6.8(a) commercial and industrial SCO standard, in the soil sample obtained for DW-2 at 16.5 feet.

Based on these findings, DW-1 and DW-2, located to the north of the Subject Building, are not a source for the chlorinated solvents that are currently present in the groundwater beneath the Site.

Contaminants of Concern:

Tetrachloroethylene is a manufactured chemical that is widely used for dry cleaning of fabrics and when mixed with other chlorocarbons, it is used for degreasing metals, automotive and industrial. It is used in the manufacturing of other chemicals and can be found in some consumer products such as a paint strippers and spot removers.

Other names for tetrachloroethylene include Tetrachloroethene, perchloroethylene, PCE, and Perc. It is a nonflammable liquid at room temperature. It evaporates easily into the air and has a sharp, sweet odor. Most people can smell tetrachloroethylene when it is present in the air at a level of 1 part tetrachloroethylene per million parts of air (1 ppm) or more, although some can smell it at even lower levels. Much of the tetrachloroethylene that gets into water or soil eventually evaporates into the air. Microorganisms can break down some of the tetrachloroethylene in soil or underground water. In the air, it is broken down by sunlight into other chemicals, also known as 'daughter products', or brought back to the soil and water via precipitation. It does not appear to collect in fish or other animals that live in water.

Trichloroethylene (TCE or Trichloroethene), 1,2-Dichloroethene (1,2-DCE) in its "cis" and "trans" isomers, and Vinyl Chloride are breakdown components, , also known as 'daughter products', of PCE and are often found in areas where PCE contamination exists.

The Occupational Safety and Health Administration (OSHA) has set a limit of 100 parts per million (ppm) for an 8-hour workday over a 40-hour workweek. The National Institute for Occupational Safety and Health (NIOSH) recommends that PCE be handled as a potential carcinogen and recommends that levels in workplace air should be as low as possible.

The NYSDOH recommends that the average air level in a residential community not exceed 100 micrograms of PCE per cubic meter of air (100 mcg/m^3), considering continuous lifetime exposure and varying sensitivity of people. Three other ways of expressing the guideline are 0.1 milligrams per cubic meter of air (0.1 mg/m^3), 15 parts per billion (ppb) or 0.015 parts per million (ppm). The purpose of the guideline is to help guide decisions about the nature of efforts to reduce PCE exposure. Reasonable and practical actions should be taken to reduce PCE exposure when indoor air levels are above background, even when they are below the guideline of 100 mcg/m^3. The urgency to take actions increases as indoor air levels increase, especially when air levels are above the guideline. Finally, the NYSDOH recommends taking immediate action to reduce exposure when an air level is ten-times or higher than the guideline (that is, when the air level is 1,000 mcg/m^3 or higher). In all cases, the specific corrective actions to be taken depend on a case-by-case evaluation of the situation. The goal of the recommended actions is to reduce PCE levels in indoor air to as close to background as possible.

4.0 QUALITY ASSURANCE AND QUALITY CONTROL PROCEDURES (QA/QC)

The following sampling QA/QC protocol is in accordance with the United States Environmental Protection Agency's (USEPA) accepted sampling procedures for hazardous waste streams [Municipal Research Laboratory, 1980, Sampling and Analysis Procedures for Hazardous Material Waste Streams, Office of Emergency and Remedial Response, Cincinnati, Ohio. EPA-600/280-018] and American Society of Testing and Material's (ASTM's) Sampling Procedures.

4.1 SAMPLING PERSONNEL

The activities associated with the survey, sampling and analysis plan were performed by or under the auspices of a USEPA Office of Emergency and Remedial Response, Certified Sampler for Hazardous Materials. The sample staff (samplers) possessed a minimum of a B.A. Degree in the Earth, Environmental, or Biological Sciences or a B.S. Degree in Engineering. Samplers have a minimum of one year experience in environmental/geological field work. Additionally, all samplers had received mandatory forty-hour Occupational Safety and Health Administration (OSHA) training on working with potentially hazardous materials and appropriate Hazard Communication Program and "Right-To-Know" training.

4.2 SAMPLING EQUIPMENT

Separate QA/QC measures were implemented for each of the instruments used in the performance of the SAP.

4.2.1 Hand Auger

Prior to arrival on the Site and between sample locations, the auger and extension rods were decontaminated by washing them with a detergent (Alconox) and potable water solution and rinsing them with distilled water.

4.2.2 Photo Ionization Detector

Calibration of the Photoionization Detector (PID) was conducted prior to sampling using a span gas of known concentration. The PID was a *RAE Systems MiniRae 2000*, photo ionization detection meter equipped with a 10.6 eV bulb.

4.2.3 Sample Vessels

All sample vessels were "Level A" certified decontaminated containers supplied by a New York State Certified Commercial Laboratory. Samples analyzed for hydrocarbons were placed in containers with Teflon lined caps. All samples were preserved by cooling them to a temperature of approximately four degrees Celsius.

4.2.1 DT 22 Soil Sampling Equipment

Prior to arrival on the Site and between sample locations, all portions of the sampling equipment that come in direct contact with potentially impacted soil are decontaminated by washing them with a potable water. All samples are collected in a single use dedicated acetate liner.

4.3 SAMPLE DOCUMENTATION

A sample represents physical evidence. An essential part of liability reduction is the proper control of gathered evidence. To establish proper control, the following sample identification and chain-of custody procedures were followed.

4.3.1 Sample Identification

Sample identification was executed by use of a sample tag, log book, and chain-of-custody form. Said documentation provided the following information: 1) the project code; 2) the sample laboratory number; 3) the sample preservation; 4) instrument used for source sample grabs; 5) the composite medium used for source sample grabs; 6) the date the sample was secured from the source media; 7) the time the sample was secured from the source media; and 8) the person who secured the sample from the source media.

4.3.2 Chain-of-Custody Procedures

Due to the evidential nature of samples, possession was traceable from the time the samples were collected until they were received by the testing laboratory. A sample was considered under custody if it: was in a person's possession; was in a person's view, after being in possession; was in a person's possession and was locked up; or, was in a designated secure area. When transferring custody, the individuals relinquishing and receiving the samples signed, dated, and noted the time on the Chain-of-Custody form.

4.3.3 Laboratory-Custody Procedures

A designated sample custodian accepted custody of the shipped samples and verified that the information on the sample tags matched that on the Chain-of-Custody Records. Pertinent information as to shipment, pick-up, courier, etc., were entered in the "remarks" section. The custodian entered the sample tag data into a bound logbook. The laboratory custodian used the sample tag number, or assigned a unique laboratory number to each sample tag, and assured that all samples were transferred to the proper analyst or stored in the appropriate source area. The laboratory custodian distributed samples to the appropriate analysts. Laboratory personnel were responsible for the care and custody of samples, from the time they were received, until the sample was exhausted or returned to the sample custodian. All identifying data sheets and laboratory records were retained as part of the permanent documentation. Samples received by the laboratory were retained until after analysis and quality assurance checks were completed.

5.0 CONCLUSIONS

Unless otherwise noted, the UIC remediation portion of the IRM was prepared in substantive accordance with approved IRM work plan. Any variations from the previously approved IRM work plan are noted, and any data inconsistencies that prevent conclusions related to the evaluation of the Site are provided in the appropriate section.

Based on the completion of this UIC remediation portion of the IRM, ***Laurel Environmental Associates, Ltd.*** has found the following:

On-Site Drywells:

The Site maintains three (3) on-site UIC structures. Previous investigations performed at the Site identified elevated levels of SVOC and PPMs in all three (3) structures. The structures were designated DW-1 to DW-3.

The NYSDEC identified DW-2 as a suspect contributing source for the chlorinated solvent contamination that has impacted the soil beneath the Site. As such, the NYSDEC required a sample be collected at the soil/groundwater interface.

All three structures were remediated to address the known SVOC and metals contamination. A total of nineteen (19) cubic yards of soil was removed from the three (3) structures during the course of the remediation.

Endpoint soil sample analysis indicated that all SVOCs were detected below the minimum detection limit, which was confirmed to be below the NYSDEC Part 375-6.8(a) SCOs. All three (3) drywells contained measurable levels of several PPMs, all of which were below the NYSDEC Part 375-6.8(a) SCOs.

Soil samples were collected from DW-1 and DW-2, at the soil/groundwater interface. These soil samples were analyzed for the presence of VOCs. VOC levels in these samples were found to be below the minimum detection limit and/or below the NYSDEC Part 375-6.8(a) SCOs.

6.0 RECOMMENDATIONS

Based on the findings of this study, ***Laurel Environmental Associates, Ltd.*** makes no recommendation for additional work at the Site as it relates to the on-site storm water drywells.

DISCLAIMER FOR PHASE II
ENVIRONMENTAL SITE ASSESSMENT

The observations described in this report were made under the conditions stated therein. The conclusions presented in the report were based solely upon the services described therein, and not on scientific tasks or procedures beyond the scope of described services or the time and budgetary constraints imposed by the Client.

In preparing this report, Laurel Environmental Associates, Ltd. may have relied on certain information provided by state and local officials and other parties referenced therein, and on information contained in the files of state and/or local agencies available to Laurel Environmental Associates, Ltd. at the time of the Site assessment. Although there may have been some degree of overlap in the information provided by these various sources, Laurel Environmental Associates, Ltd. did not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of this Site assessment.

Observations were made of the Site and of structures on the Site as indicated within the report. Where access to portions of the Site or to structures on the Site was unavailable or limited, Laurel Environmental Associates, Ltd. renders no opinion as to the presence of non-hazardous or hazardous materials, or to the presence of indirect evidence relating to non-hazardous or hazardous materials, in that portion of the Site or structure. In addition, Laurel Environmental Associates, Ltd. renders no opinion as to the presence of hazardous materials, or the presence of indirect evidence relating to hazardous materials, where direct observation of the interior walls, floor, or ceiling of a structure on a Site was obstructed by objects or coverings on or over these surfaces.

Laurel Environmental Associates, Ltd. did not perform testing or analyses to determine the presence or concentration of asbestos at the Site or in the environment of the Site under the scope of the services performed. The conclusions and recommendations contained in this report are based in part, where noted, upon the data obtained from a limited number of soil samples obtained from widely spaced subsurface explorations. The nature and extent of variations between these explorations may not become evident until further exploration. If variations or other latent conditions then appear evident, it will be necessary to reevaluate the conclusions and recommendations of this report.

Any water level readings made in test pits, borings, and/or observation wells were made at the times and under the conditions stated in the report. However, it must be noted that fluctuations in the level of groundwater may occur due to variations in rainfall and other factors different from those prevailing at the time measurements were made.

Except as noted within the text of the report, no qualitative laboratory testing was performed as part of the Site assessment. Where an outside laboratory has conducted such analyses, Laurel Environmental Associates, Ltd. has relied upon the data provided, and has not conducted an independent evaluation of the reliability of the data.

The conclusions and recommendations contained in this report are based in part, where noted, upon various types of chemical data and are contingent upon their validity. The data have been reviewed and interpretations were made in the report. As indicated within the report, some of the data may be preliminary "screening" level data, and should be confirmed with quantitative analyses if more specific information is necessary. Moreover, it should be noted that variations in the types and concentrations of contaminants and variations in their flow paths may occur due to seasonal water table fluctuations, past disposal practices, the passage of time, and other factors. Should additional chemical data become available in the future, the data should be reviewed, and the conclusions and recommendations presented herein modified accordingly.

Chemical analyses have been performed for specific constituents during the course of this Site assessment, as described in the text. However, it should be noted that additional chemical constituents not searched for during the current study might be present in soil and/or groundwater at the Site.

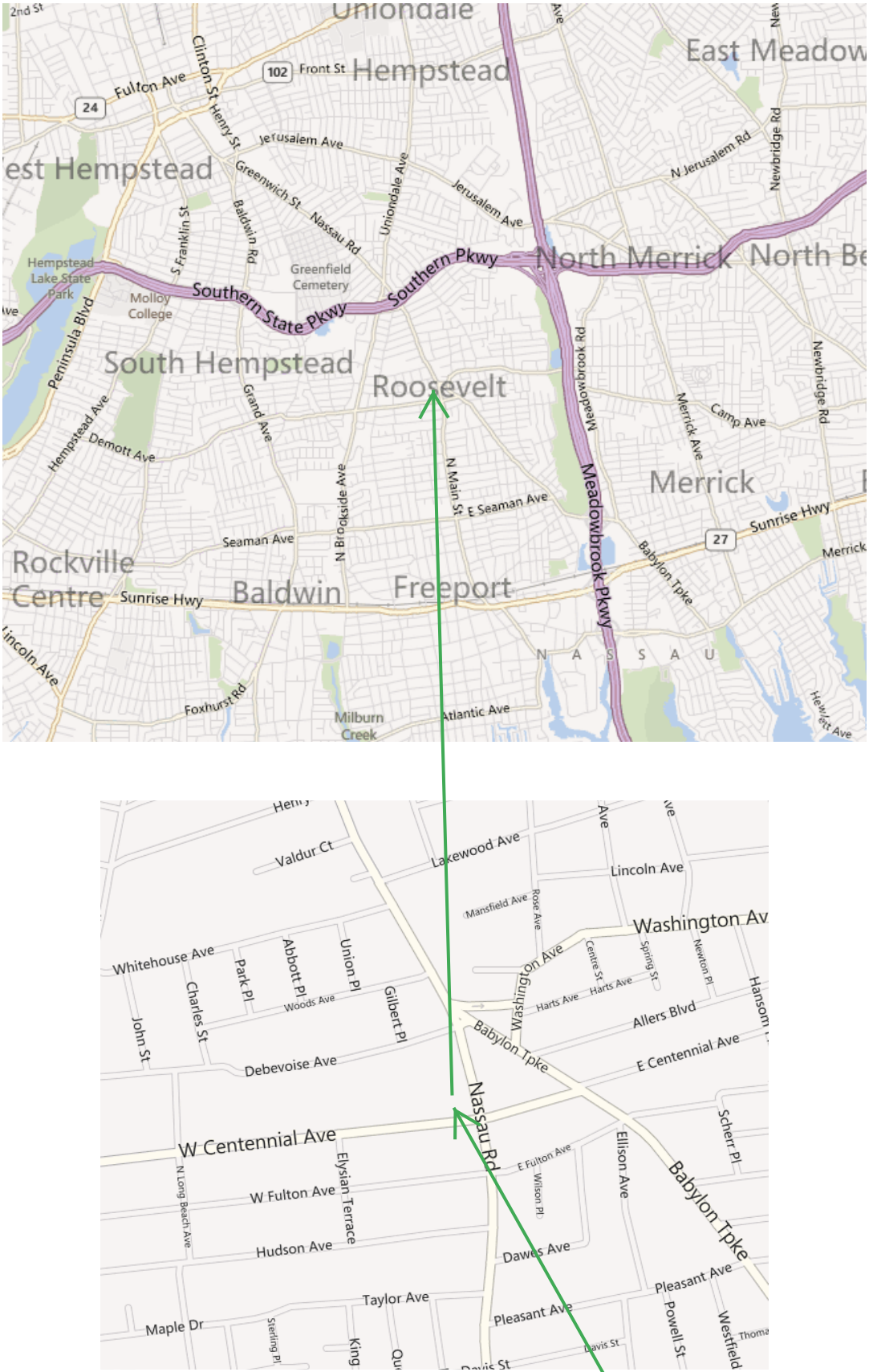
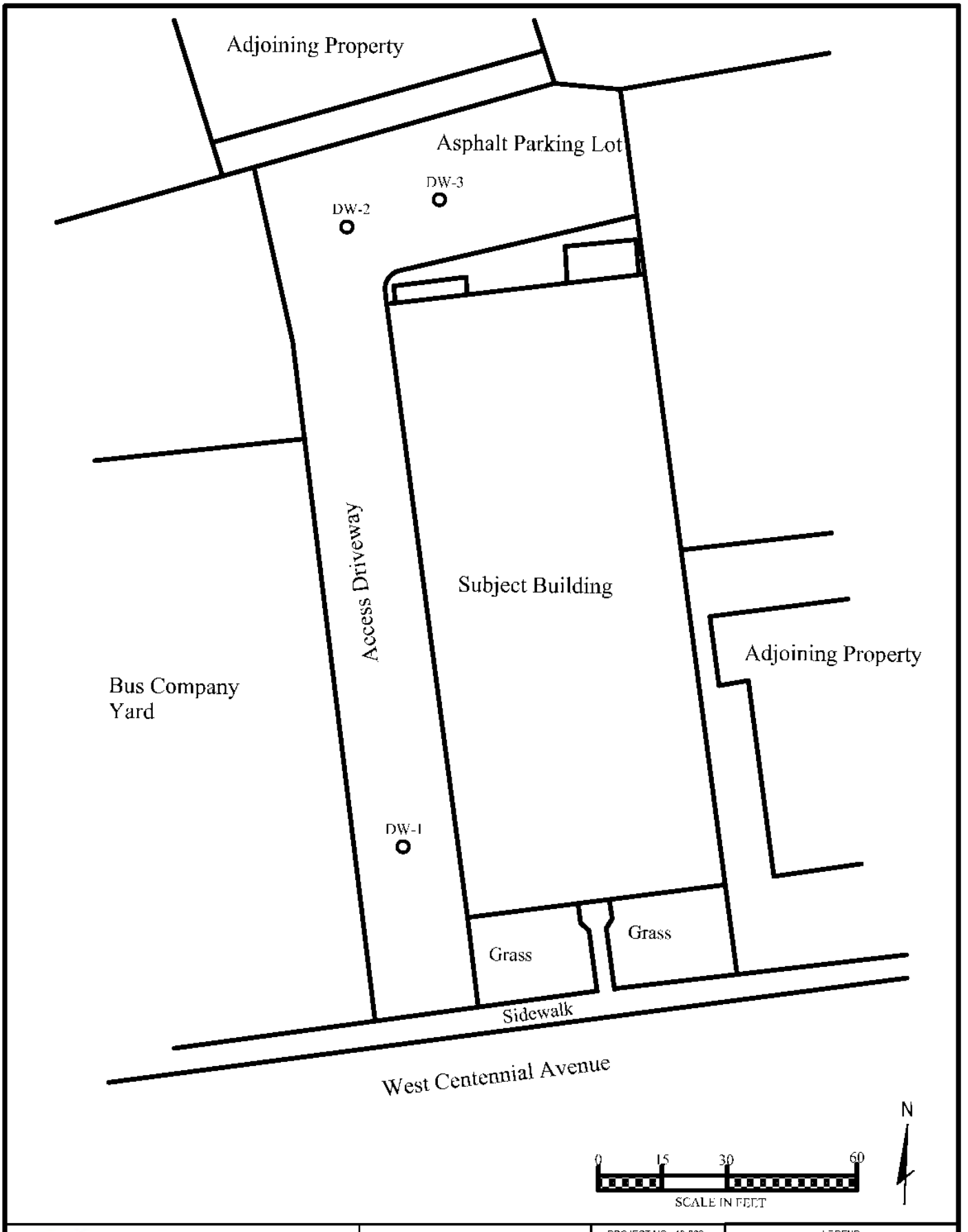


Figure 1.0 Site Location
20 West Centennial Avenue
Roosevelt, New York



Laurel
ENVIRONMENTAL
ASSOCIATES, LTD.

53 WEST HILLS ROAD, SUITE 1
HUNTINGTON STATION, NY 11746

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

WWW.LAURELENV.COM

FIGURE 2.0
SITE LAYOUT

20 WEST CENTENNIAL AVENUE
ROOSEVELT, NEW YORK

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

PROJECT NO. 12-260	
DRAWING DATE: 8/24/12	
DRAWN BY: BMC	
CHECKED BY: THJ	
REVISIONS: 10/08/12	
REVISIONS:	
SCALE: 1 : 30	

LEGEND

= Fence

= open grate manhole

APPENDIX A

Laboratory Analysis

Technical Report

prepared for:

Laurel Environmental
53 West Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Report Date: 06/27/2013
Client Project ID: 20 West Centennial
York Project (SDG) No.: 13F0697

Report Date: 06/27/2013
Client Project ID: 20 West Centennial
York Project (SDG) No.: 13F0697

Laurel Environmental
53 West Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on June 20, 2013 and listed below. The project was identified as your project: **20 West Centennial**.

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
13F0697-01	DW-1 @ 11.5'	Soil	06/18/2013	06/20/2013
13F0697-02	DW-1 @ 16.5'	Soil	06/18/2013	06/20/2013
13F0697-03	DW-2 @ 14'	Soil	06/18/2013	06/20/2013
13F0697-04	DW-2 @ 16.5'	Soil	06/18/2013	06/20/2013
13F0697-05	DW-3 @ 17'	Soil	06/18/2013	06/20/2013
13F0697-06	DW-DUP	Soil	06/18/2013	06/20/2013
13F0697-07	GW-2 GW	Water	06/18/2013	06/20/2013
13F0697-08	MW-20-3	Water	06/18/2013	06/20/2013
13F0697-09	MW-20-4	Water	06/18/2013	06/20/2013
13F0697-10	MW-20-7	Water	06/18/2013	06/20/2013
13F0697-11	MW-20-8	Water	06/18/2013	06/20/2013
13F0697-12	MW-1S	Water	06/18/2013	06/20/2013
13F0697-13	MW-1D	Water	06/18/2013	06/20/2013
13F0697-14	MW-2S	Water	06/18/2013	06/20/2013
13F0697-15	MW-2D	Water	06/18/2013	06/20/2013
13F0697-16	Equipment Blank	Water	06/18/2013	06/20/2013
13F0697-17	TripBlank	Water	06/18/2013	06/20/2013
13F0697-18	Rinsate Blank	Water	06/18/2013	06/20/2013
13F0697-19	GW-DUP	Water	06/18/2013	06/20/2013

General Notes for York Project (SDG) No.: 13F0697

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: 06/27/2013

Benjamin Gulizia
Laboratory Director

YORK

Sample Information

Client Sample ID: DW-1 @ 11.5'

York Sample ID: 13F0697-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Soil	June 18, 2013 2:30 pm	06/20/2013

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	794	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	1050	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
62-53-3	Aniline	ND		ug/kg dry	1250	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
120-12-7	Anthracene	ND		ug/kg dry	1200	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	820	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	868	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	1840	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	728	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	2190	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	1210	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	1060	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	1480	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	570	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	754	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	1120	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	772	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
117-81-7	Bis(2-ethylhexyl)phthalate	**2820**		ug/kg dry	1510	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	1180	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	1280	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
218-01-9	Chrysene	ND		ug/kg dry	1010	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	882	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	1020	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	890	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1430	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1350	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	693	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	1150	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	1380	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	978	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	1130	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	969	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	2190	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR

Sample Information

Client Sample ID: DW-1 @ 11.5'

York Sample ID: 13F0697-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Soil	June 18, 2013 2:30 pm	06/20/2013

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	Fluoranthene	ND		ug/kg dry	1280	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
86-73-7	Fluorene	ND		ug/kg dry	1050	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	1290	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	741	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	1630	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	627	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	1000	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
78-59-1	Isophorone	ND		ug/kg dry	754	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	1680	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
91-20-3	Naphthalene	ND		ug/kg dry	539	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	2180	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	908	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	645	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	732	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	899	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	991	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
85-01-8	Phenanthrene	ND		ug/kg dry	1140	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
129-00-0	Pyrene	ND		ug/kg dry	895	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
110-86-1	Pyridine	ND		ug/kg dry	1540	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	794	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR
86-74-8	Carbazole	ND		ug/kg dry	1520	2190	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:27	SR

	Surrogate Recoveries	Result		Acceptance Range
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*18.9 %*	*S-06*	*30-130*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*16.0 %*	*S-06*	*30-130*
1718-51-0	*Surrogate: Terphenyl-d14*	*18.0 %*	*S-06*	*30-130*

Sample Information

Client Sample ID: DW-1 @ 11.5' **York Sample ID:** 13F0697-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Soil	June 18, 2013 2:30 pm	06/20/2013

Metals, Priority Pollutant

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	**7.76**		mg/kg dry	0.289	0.658	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 21:49	MW
7440-38-2	Arsenic	**3.42**		mg/kg dry	0.447	1.32	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 21:49	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.132	0.132	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 21:49	MW
7440-43-9	Cadmium	**0.929**		mg/kg dry	0.132	0.658	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 21:49	MW
7440-47-3	Chromium	**13.8**		mg/kg dry	0.158	0.658	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 21:49	MW
7440-50-8	Copper	**114**		mg/kg dry	0.158	0.658	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 21:49	MW
7439-92-1	Lead	**271**		mg/kg dry	0.224	0.395	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 21:49	MW
7440-02-0	Nickel	**12.3**		mg/kg dry	0.171	0.658	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 21:49	MW
7782-49-2	Selenium	**1.82**		mg/kg dry	0.658	0.658	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 21:49	MW
7440-22-4	Silver	ND		mg/kg dry	0.132	0.658	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 21:49	MW
7440-28-0	Thallium	ND		mg/kg dry	0.421	0.658	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 21:49	MW
7440-66-6	Zinc	**162**		mg/kg dry	0.118	0.658	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 21:49	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	**0.115**		mg/kg dry	0.000513	0.000513	1	EPA SW846-7473	06/24/2013 19:13	06/24/2013 22:44	AAKBA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	**76.0**		%	0.100	0.100	1	SM 2540G	06/21/2013 13:04	06/21/2013 15:46	BGS

Sample Information

Client Sample ID: DW-1 @ 16.5' **York Sample ID:** 13F0697-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Soil	June 18, 2013 2:30 pm	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS

Sample Information

Client Sample ID: DW-1 @ 16.5'

York Sample ID: 13F0697-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Soil	June 18, 2013 2:30 pm	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	110	210	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
78-93-3	2-Butanone	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
67-64-1	Acetone	ND		ug/kg dry	5.3	21	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
71-43-2	Benzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
108-86-1	Bromobenzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
75-25-2	Bromoform	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
74-83-9	Bromomethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
75-00-3	Chloroethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS

Sample Information

Client Sample ID: DW-1 @ 16.5'

York Sample ID: 13F0697-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Soil	June 18, 2013 2:30 pm	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	Chloroform	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
74-87-3	Chloromethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
74-95-3	Dibromomethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
75-09-2	Methylene chloride	ND		ug/kg dry	5.3	21	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
91-20-3	Naphthalene	ND		ug/kg dry	5.3	21	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
95-47-6	o-Xylene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	11	21	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
100-42-5	Styrene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
108-88-3	Toluene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	16	32	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	5.3	11	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 15:31	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*103 %*	*73-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.1 %*	*72-127*

Sample Information

Client Sample ID: DW-1 @ 16.5' **York Sample ID:** 13F0697-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Soil	June 18, 2013 2:30 pm	06/20/2013

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	*Surrogate: Toluene-d8*	*95.0 %*			*84-117*						

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	**94.2**		%	0.100	0.100	1	SM 2540G	06/25/2013 23:28	06/26/2013 05:51	KK

Sample Information

Client Sample ID: DW-2 @ 14' **York Sample ID:** 13F0697-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Soil	June 18, 2013 11:00 am	06/20/2013

Semi-Volatiles, 8270 Base/Neutrals

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	127	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	169	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
62-53-3	Aniline	ND		ug/kg dry	201	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
120-12-7	Anthracene	ND		ug/kg dry	192	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	131	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	139	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	295	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	117	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	352	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	194	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	169	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	237	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	91.4	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	121	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	179	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	124	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	243	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	190	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	206	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR

Sample Information

Client Sample ID: DW-2 @ 14'

York Sample ID: 13F0697-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Soil	June 18, 2013 11:00 am	06/20/2013

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
218-01-9	Chrysene	ND		ug/kg dry	162	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	141	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	164	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	143	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	230	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	217	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	111	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	184	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	221	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	157	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	181	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	155	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	352	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
206-44-0	Fluoranthene	ND		ug/kg dry	206	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
86-73-7	Fluorene	ND		ug/kg dry	169	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	207	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	119	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	262	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	101	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	160	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
78-59-1	Isophorone	ND		ug/kg dry	121	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	270	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
91-20-3	Naphthalene	ND		ug/kg dry	86.5	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	349	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	146	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	103	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	117	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	144	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	159	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
85-01-8	Phenanthrene	ND		ug/kg dry	184	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
129-00-0	Pyrene	ND		ug/kg dry	143	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
110-86-1	Pyridine	ND		ug/kg dry	247	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR

Sample Information

Client Sample ID: DW-2 @ 14'

York Sample ID: 13F0697-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Soil	June 18, 2013 11:00 am	06/20/2013

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	127	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR
86-74-8	Carbazole	ND		ug/kg dry	243	352	2	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 22:56	SR

	Surrogate Recoveries	Result	Acceptance Range
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*53.0 %*	*30-130*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*49.4 %*	*30-130*
1718-51-0	*Surrogate: Terphenyl-d14*	*59.2 %*	*30-130*

Metals, Priority Pollutant

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	**0.651**		mg/kg dry	0.232	0.527	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:06	MW
7440-38-2	Arsenic	ND		mg/kg dry	0.359	1.05	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:06	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.105	0.105	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:06	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.105	0.527	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:06	MW
7440-47-3	Chromium	**35.7**		mg/kg dry	0.127	0.527	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:06	MW
7440-50-8	Copper	**3.53**		mg/kg dry	0.127	0.527	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:06	MW
7439-92-1	Lead	**11.1**		mg/kg dry	0.179	0.316	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:06	MW
7440-02-0	Nickel	**5.06**		mg/kg dry	0.137	0.527	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:06	MW
7782-49-2	Selenium	**0.910**		mg/kg dry	0.527	0.527	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:06	MW
7440-22-4	Silver	ND		mg/kg dry	0.105	0.527	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:06	MW
7440-28-0	Thallium	ND		mg/kg dry	0.338	0.527	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:06	MW
7440-66-6	Zinc	**27.8**		mg/kg dry	0.095	0.527	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:06	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	**0.00295**		mg/kg dry	0.000411	0.000411	1	EPA SW846-7473	06/24/2013 19:13	06/25/2013 07:13	AAKBA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	**94.8**		%	0.100	0.100	1	SM 2540G	06/21/2013 13:04	06/21/2013 15:46	BGS

Sample Information

Client Sample ID: **DW-2 @ 16.5'** **York Sample ID:** **13F0697-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Soil	June 18, 2013 11:00 am	06/20/2013

Volatile Organics, 8260 List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 11:	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
95-63-6	1,2,4-Trimethylbenzene	**6.7**	J	ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	100	210	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
78-93-3	2-Butanone	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
67-64-1	Acetone	**8.4**	J, B	ug/kg dry	5.2	21	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
71-43-2	Benzene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
108-86-1	Bromobenzene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
75-25-2	Bromoform	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS

Sample Information

Client Sample ID: DW-2 @ 16.5'

York Sample ID: 13F0697-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Soil	June 18, 2013 11:00 am	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
75-00-3	Chloroethane	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
67-66-3	Chloroform	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
74-87-3	Chloromethane	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
74-95-3	Dibromomethane	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
75-09-2	Methylene chloride	ND		ug/kg dry	5.2	21	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
91-20-3	Naphthalene	ND		ug/kg dry	5.2	21	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
95-47-6	o-Xylene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	10	21	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
100-42-5	Styrene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
108-88-3	Toluene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS

Sample Information

Client Sample ID: DW-2 @ 16.5' **York Sample ID:** 13F0697-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Soil	June 18, 2013 11:00 am	06/20/2013

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/kg dry	16	31	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	5.2	10	1	EPA SW846-8260B	06/24/2013 09:17	06/24/2013 16:06	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*101 %*	*73-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.1 %*	*72-127*
2037-26-5	*Surrogate: Toluene-d8*	*96.1 %*	*84-117*

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	**96.0**		%	0.100	0.100	1	SM 2540G	06/25/2013 23:28	06/26/2013 05:51	KK

Sample Information

Client Sample ID: DW-3 @ 17' **York Sample ID:** 13F0697-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Soil	June 18, 2013 10:30 am	06/20/2013

Semi-Volatiles, 8270 Base/Neutrals

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	646	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	857	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
62-53-3	Aniline	ND		ug/kg dry	1020	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
120-12-7	Anthracene	ND		ug/kg dry	975	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	668	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	707	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	1500	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	593	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	1790	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	985	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	861	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	1200	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	464	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	614	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR

Sample Information

Client Sample ID: DW-3 @ 17'

York Sample ID: 13F0697-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Soil	June 18, 2013 10:30 am	06/20/2013

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	910	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	628	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	1230	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	964	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	1050	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
218-01-9	Chrysene	ND		ug/kg dry	821	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	718	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	832	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	725	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1170	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1100	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	564	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	935	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	1120	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	796	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	918	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	789	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	1790	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
206-44-0	Fluoranthene	ND		ug/kg dry	1050	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
86-73-7	Fluorene	ND		ug/kg dry	857	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	1050	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	603	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	1330	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	511	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	814	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
78-59-1	Isophorone	ND		ug/kg dry	614	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	1370	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
91-20-3	Naphthalene	ND		ug/kg dry	439	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	1770	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	739	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	525	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	596	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR

Sample Information

Client Sample ID: DW-3 @ 17'

York Sample ID: 13F0697-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Soil	June 18, 2013 10:30 am	06/20/2013

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	732	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	807	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
85-01-8	Phenanthrene	ND		ug/kg dry	932	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
129-00-0	Pyrene	ND		ug/kg dry	728	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
110-86-1	Pyridine	ND		ug/kg dry	1250	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	646	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR
86-74-8	Carbazole	ND		ug/kg dry	1240	1790	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:25	SR

	Surrogate Recoveries	Result	Acceptance Range
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*50.0 %*	*30-130*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*59.9 %*	*30-130*
1718-51-0	*Surrogate: Terphenyl-d14*	*73.8 %*	*30-130*

Metals, Priority Pollutant

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	**0.890**		mg/kg dry	0.236	0.536	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:11	MW
7440-38-2	Arsenic	ND		mg/kg dry	0.364	1.07	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:11	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.107	0.107	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:11	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.107	0.536	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:11	MW
7440-47-3	Chromium	**8.65**		mg/kg dry	0.129	0.536	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:11	MW
7440-50-8	Copper	**7.40**		mg/kg dry	0.129	0.536	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:11	MW
7439-92-1	Lead	**7.93**		mg/kg dry	0.182	0.321	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:11	MW
7440-02-0	Nickel	**2.12**		mg/kg dry	0.139	0.536	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:11	MW
7782-49-2	Selenium	ND		mg/kg dry	0.536	0.536	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:11	MW
7440-22-4	Silver	ND		mg/kg dry	0.107	0.536	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:11	MW
7440-28-0	Thallium	ND		mg/kg dry	0.343	0.536	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:11	MW
7440-66-6	Zinc	**34.0**		mg/kg dry	0.096	0.536	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:11	MW

Sample Information

Client Sample ID: DW-3 @ 17' **York Sample ID:** 13F0697-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Soil	June 18, 2013 10:30 am	06/20/2013

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	**0.0299**		mg/kg dry	0.000418	0.000418	1	EPA SW846-7473	06/24/2013 19:13	06/25/2013 07:22	AAKBA

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	**93.4**		%	0.100	0.100	1	SM 2540G	06/21/2013 13:04	06/21/2013 15:46	BGS

Sample Information

Client Sample ID: DW-DUP **York Sample ID:** 13F0697-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Soil	June 18, 2013 3:00 pm	06/20/2013

Semi-Volatiles, 8270 Base/Neutrals

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	658	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	872	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
62-53-3	Aniline	ND		ug/kg dry	1040	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
120-12-7	Anthracene	ND		ug/kg dry	992	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	679	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	719	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	1520	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	603	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	1820	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	1000	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	876	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	1220	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	472	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	625	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	927	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	639	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	1250	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	981	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR

Sample Information

Client Sample ID: DW-DUP

York Sample ID: 13F0697-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Soil	June 18, 2013 3:00 pm	06/20/2013

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	1060	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
218-01-9	Chrysene	ND		ug/kg dry	836	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	730	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	847	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	738	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1190	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1120	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	574	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	952	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	1140	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	810	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	934	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	803	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	1820	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
206-44-0	Fluoranthene	ND		ug/kg dry	1060	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
86-73-7	Fluorene	ND		ug/kg dry	872	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	1070	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	614	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	1350	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	520	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	828	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
78-59-1	Isophorone	ND		ug/kg dry	625	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	1400	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
91-20-3	Naphthalene	ND		ug/kg dry	447	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	1810	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	752	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	534	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	607	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	745	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	821	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
85-01-8	Phenanthrene	ND		ug/kg dry	948	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
129-00-0	Pyrene	ND		ug/kg dry	741	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR

Sample Information

Client Sample ID: DW-DUP

York Sample ID: 13F0697-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Soil	June 18, 2013 3:00 pm	06/20/2013

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-86-1	Pyridine	ND		ug/kg dry	1280	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	658	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR
86-74-8	Carbazole	ND		ug/kg dry	1260	1820	10	EPA SW-846 8270C	06/21/2013 14:17	06/25/2013 23:54	SR

	Surrogate Recoveries	Result	Acceptance Range
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*68.3 %*	*30-130*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*53.7 %*	*30-130*
1718-51-0	*Surrogate: Terphenyl-d14*	*80.0 %*	*30-130*

Metals, Priority Pollutant

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	**0.810**		mg/kg dry	0.240	0.545	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:28	MW
7440-38-2	Arsenic	ND		mg/kg dry	0.371	1.09	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:28	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.109	0.109	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:28	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.109	0.545	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:28	MW
7440-47-3	Chromium	**10.0**		mg/kg dry	0.131	0.545	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:28	MW
7440-50-8	Copper	**7.76**		mg/kg dry	0.131	0.545	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:28	MW
7439-92-1	Lead	**8.64**		mg/kg dry	0.185	0.327	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:28	MW
7440-02-0	Nickel	**2.41**		mg/kg dry	0.142	0.545	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:28	MW
7782-49-2	Selenium	ND		mg/kg dry	0.545	0.545	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:28	MW
7440-22-4	Silver	ND		mg/kg dry	0.109	0.545	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:28	MW
7440-28-0	Thallium	ND		mg/kg dry	0.349	0.545	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:28	MW
7440-66-6	Zinc	**35.1**		mg/kg dry	0.098	0.545	1	EPA SW846-6010B	06/24/2013 17:45	06/24/2013 22:28	MW

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	**0.0177**		mg/kg dry	0.000425	0.000425	1	EPA SW846-7473	06/24/2013 19:13	06/25/2013 07:31	AAKBA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	**91.7**		%	0.100	0.100	1	SM 2540G	06/21/2013 13:04	06/21/2013 15:46	BGS

Sample Information

Client Sample ID: GW-2 GW

York Sample ID: 13F0697-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 9:20 am	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
67-64-1	Acetone	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS

Sample Information

Client Sample ID: GW-2 GW

York Sample ID: 13F0697-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 9:20 am	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
127-18-4	Tetrachloroethylene	**220**		ug/L	5.0	10	2	EPA SW846-8260B	06/24/2013 23:50	06/27/2013 13:47	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
79-01-6	Trichloroethylene	**11**		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS

Sample Information

Client Sample ID: GW-2 GW **York Sample ID:** 13F0697-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 9:20 am	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 01:41	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.2 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.3 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*96.5 %*	*81.2-127*

Sample Information

Client Sample ID: MW-20-3 **York Sample ID:** 13F0697-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 12:00 pm	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS

Sample Information

Client Sample ID: MW-20-3 **York Sample ID:** 13F0697-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 12:00 pm	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
67-64-1	Acetone	**3.6**	J, B	ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
156-59-2	cis-1,2-Dichloroethylene	**3.9**	J	ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS

Sample Information

Client Sample ID: MW-20-3 **York Sample ID:** 13F0697-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 12:00 pm	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
127-18-4	Tetrachloroethylene	**11**		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 14:29	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*98.9 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*126 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*81.2-127*

Sample Information

Client Sample ID: MW-20-4 **York Sample ID:** 13F0697-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 1:10 pm	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS

Sample Information

Client Sample ID: MW-20-4 **York Sample ID:** 13F0697-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 1:10 pm	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
67-64-1	Acetone	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
156-59-2	cis-1,2-Dichloroethylene	**7.3**		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS

Sample Information

Client Sample ID: MW-20-4 **York Sample ID:** 13F0697-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 1:10 pm	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
127-18-4	Tetrachloroethylene	**200**		ug/L	5.0	10	2	EPA SW846-8260B	06/24/2013 23:50	06/27/2013 15:11	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
79-01-6	Trichloroethylene	**5.3**		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 02:51	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*100 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*96.7 %*	*81.2-127*

YORK ANALYTICAL LABORATORIES INC

Sample Information

Client Sample ID: MW-20-7 **York Sample ID:** 13F0697-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 4:30 pm	06/20/2013

Volatile Organics, 8260 List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 11:	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
67-64-1	Acetone	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS

Sample Information

Client Sample ID: MW-20-7 **York Sample ID:** 13F0697-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 4:30 pm	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
127-18-4	Tetrachloroethylene	**18**		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS

Sample Information

Client Sample ID: **MW-20-7** **York Sample ID:** **13F0697-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 4:30 pm	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 03:26	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.4 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*81.2-127*

Sample Information

Client Sample ID: **MW-20-8** **York Sample ID:** **13F0697-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 12:59 pm	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS

Sample Information

Client Sample ID: MW-20-8 **York Sample ID:** 13F0697-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 12:59 pm	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
67-64-1	Acetone	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
156-59-2	cis-1,2-Dichloroethylene	**3.8**	J	ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS

Sample Information

Client Sample ID: MW-20-8 **York Sample ID:** 13F0697-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 12:59 pm	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
127-18-4	Tetrachloroethylene	**140**		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
79-01-6	Trichloroethylene	**11**		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:02	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*101 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*95.9 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*96.6 %*	*81.2-127*

Sample Information

Client Sample ID: MW-1S **York Sample ID:** 13F0697-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 3:00 pm	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS

Sample Information

Client Sample ID: MW-1S

York Sample ID: 13F0697-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 3:00 pm	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
67-64-1	Acetone	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
156-59-2	cis-1,2-Dichloroethylene	**13**		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS

Sample Information

Client Sample ID: **MW-1S** **York Sample ID:** **13F0697-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 3:00 pm	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
127-18-4	Tetrachloroethylene	**540**		ug/L	25	50	10	EPA SW846-8260B	06/24/2013 23:50	06/27/2013 15:53	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
79-01-6	Trichloroethylene	**12**		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 04:37	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*101 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.1 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*94.7 %*	*81.2-127*

Sample Information

Client Sample ID: MW-1D

York Sample ID: 13F0697-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 3:30 pm	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
79-00-5	1,1,2-Trichloroethane	**4.9**	J	ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
67-64-1	Acetone	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS

Sample Information

Client Sample ID: MW-1D

York Sample ID: 13F0697-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 3:30 pm	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
127-18-4	Tetrachloroethylene	**190**		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS

Sample Information

Client Sample ID: **MW-1D** **York Sample ID:** **13F0697-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 3:30 pm	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:12	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*101 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*100 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*96.6 %*	*81.2-127*

Sample Information

Client Sample ID: **MW-2S** **York Sample ID:** **13F0697-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 2:00 pm	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS

Sample Information

Client Sample ID: **MW-2S** | **York Sample ID:** **13F0697-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 2:00 pm	06/20/2013

Volatile Organics, 8260 List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
67-64-1	Acetone	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
156-59-2	cis-1,2-Dichloroethylene	**12**		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS

Sample Information

Client Sample ID: MW-2S **York Sample ID:** 13F0697-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 2:00 pm	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
127-18-4	Tetrachloroethylene	**410**		ug/L	12	25	5	EPA SW846-8260B	06/24/2013 23:50	06/27/2013 16:34	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
79-01-6	Trichloroethylene	**7.5**		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 05:48	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.4 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*92.3 %*	*81.2-127*

Sample Information

Client Sample ID: MW-2D **York Sample ID:** 13F0697-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 2:30 pm	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS

Sample Information

Client Sample ID: MW-2D

York Sample ID: 13F0697-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 2:30 pm	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
67-64-1	Acetone	**3.6**	J, B	ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS

Sample Information

Client Sample ID: MW-2D

York Sample ID: 13F0697-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 2:30 pm	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
127-18-4	Tetrachloroethylene	**19**		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/27/2013 08:30	06/27/2013 17:15	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.8 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*124 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*81.2-127*

Sample Information

Client Sample ID: **Equipment Blank** | **York Sample ID:** **13F0697-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 8:30 am	06/20/2013

Volatile Organics, 8260 List | **Log-in Notes:** | **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 11:	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
78-93-3	2-Butanone	**4.4**	J	ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
67-64-1	Acetone	**3.9**	J	ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS

Sample Information

Client Sample ID: **Equipment Blank** **York Sample ID:** **13F0697-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 8:30 am	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS

Sample Information

Client Sample ID: **Equipment Blank** **York Sample ID:** **13F0697-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 8:30 am	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 06:58	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*103 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*104 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*97.2 %*	*81.2-127*

Sample Information

Client Sample ID: **TripBlank** **York Sample ID:** **13F0697-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 3:00 pm	06/20/2013

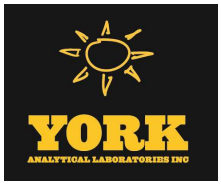
Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS



Sample Information

Client Sample ID: **TripBlank** **York Sample ID:** **13F0697-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 3:00 pm	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
67-64-1	Acetone	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS

Sample Information

Client Sample ID: **TripBlank** **York Sample ID:** **13F0697-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 3:00 pm	06/20/2013

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 07:33	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*97.3 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.1 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*97.2 %*	*81.2-127*

Sample Information

Client Sample ID: **Rinsate Blank** **York Sample ID:** **13F0697-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 8:30 am	06/20/2013

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS

Sample Information

Client Sample ID: **Rinsate Blank** **York Sample ID:** **13F0697-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 8:30 am	06/20/2013

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
78-93-3	2-Butanone	**3.9**	J	ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
67-64-1	Acetone	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS

Sample Information

Client Sample ID: **Rinsate Blank** **York Sample ID:** **13F0697-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 8:30 am	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:08	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*96.6 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.2 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*94.2 %*	*81.2-127*

Sample Information

Client Sample ID: GW-DUP

York Sample ID: 13F0697-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 3:00 pm	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
67-64-1	Acetone	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS

Sample Information

Client Sample ID: GW-DUP

York Sample ID: 13F0697-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 3:00 pm	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
156-59-2	cis-1,2-Dichloroethylene	**4.4**	J	ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
127-18-4	Tetrachloroethylene	**150**		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
79-01-6	Trichloroethylene	**11**		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS

Sample Information

Client Sample ID: GW-DUP **York Sample ID:** 13F0697-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0697	20 West Centennial	Water	June 18, 2013 3:00 pm	06/20/2013

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA SW846-8260B	06/24/2013 23:50	06/26/2013 08:44	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*101 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.1 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*96.4 %*	*81.2-127*

Analytical Batch Summary

Batch ID: BF31001 **Preparation Method:** % Solids Prep **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
13F0697-01	DW-1 @ 11.5'	06/21/13
13F0697-03	DW-2 @ 14'	06/21/13
13F0697-05	DW-3 @ 17'	06/21/13
13F0697-06	DW-DUP	06/21/13

Batch ID: BF31002 **Preparation Method:** EPA 3550B **Prepared By:** SA

YORK Sample ID	Client Sample ID	Preparation Date
13F0697-01	DW-1 @ 11.5'	06/21/13
13F0697-03	DW-2 @ 14'	06/21/13
13F0697-05	DW-3 @ 17'	06/21/13
13F0697-06	DW-DUP	06/21/13
BF31002-BLK1	Blank	06/21/13
BF31002-BS1	LCS	06/21/13
BF31002-BSD1	LCS Dup	06/21/13
BF31002-MS1	Matrix Spike	06/21/13

Batch ID: BF31056 **Preparation Method:** EPA 5035A **Prepared By:** KH

YORK Sample ID	Client Sample ID	Preparation Date
13F0697-02	DW-1 @ 16.5'	06/24/13
13F0697-04	DW-2 @ 16.5'	06/24/13
BF31056-BLK1	Blank	06/24/13
BF31056-BS1	LCS	06/24/13
BF31056-BSD1	LCS Dup	06/24/13

Batch ID: BF31080 **Preparation Method:** EPA 3050B **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
13F0697-01	DW-1 @ 11.5'	06/24/13
13F0697-03	DW-2 @ 14'	06/24/13
13F0697-05	DW-3 @ 17'	06/24/13
13F0697-06	DW-DUP	06/24/13
BF31080-BLK1	Blank	06/24/13
BF31080-DUP1	Duplicate	06/24/13
BF31080-MS1	Matrix Spike	06/24/13
BF31080-SRM1	Reference	06/24/13

Batch ID: BF31086 **Preparation Method:** EPA 7473 soil **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
13F0697-01	DW-1 @ 11.5'	06/24/13
13F0697-03	DW-2 @ 14'	06/24/13

13F0697-05	DW-3 @ 17'	06/24/13
13F0697-06	DW-DUP	06/24/13
BF31086-BLK1	Blank	06/24/13
BF31086-DUP1	Duplicate	06/24/13
BF31086-MS1	Matrix Spike	06/24/13
BF31086-SRM1	Reference	06/24/13

Batch ID: BF31189 **Preparation Method:** EPA 5030B **Prepared By:** EKM

YORK Sample ID	Client Sample ID	Preparation Date
13F0697-07	GW-2 GW	06/24/13
13F0697-09	MW-20-4	06/24/13
13F0697-10	MW-20-7	06/24/13
13F0697-11	MW-20-8	06/24/13
13F0697-12	MW-1S	06/24/13
13F0697-13	MW-1D	06/24/13
13F0697-14	MW-2S	06/24/13
13F0697-16	Equipment Blank	06/24/13
13F0697-17	TripBlank	06/24/13
13F0697-18	Rinsate Blank	06/24/13
13F0697-19	GW-DUP	06/24/13
BF31189-BLK1	Blank	06/25/13
BF31189-BS1	LCS	06/25/13
BF31189-BSD1	LCS Dup	06/25/13
BF31189-MS1	Matrix Spike	06/25/13
BF31189-MSD1	Matrix Spike Dup	06/25/13

Batch ID: BF31193 **Preparation Method:** % Solids Prep **Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date
13F0697-02	DW-1 @ 16.5'	06/25/13
13F0697-04	DW-2 @ 16.5'	06/25/13

Batch ID: BF31328 **Preparation Method:** EPA 5030B **Prepared By:** KH

YORK Sample ID	Client Sample ID	Preparation Date
13F0697-07RE1	GW-2 GW	06/27/13
13F0697-08	MW-20-3	06/27/13
13F0697-09RE1	MW-20-4	06/27/13
13F0697-12RE1	MW-1S	06/27/13
13F0697-14RE1	MW-2S	06/27/13
13F0697-15	MW-2D	06/27/13
BF31328-BLK1	Blank	06/27/13
BF31328-BS1	LCS	06/27/13
BF31328-BSD1	LCS Dup	06/27/13

Volatile Organic Compounds by EPA SW846-8260B - 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 BF31056 - EPA 5035A											
Blank (BF31056-BLK1)											
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	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	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	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Acetone	3.8	10	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	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	"								
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 tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	10	"								
Naphthalene	2.6	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								

Prepared & Analyzed: 06/24/2013

Volatile Organic Compounds by EPA SW846-8260B - 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 BF31056 - EPA 5035A											
Blank (BF31056-BLK1)									Prepared & Analyzed: 06/24/2013		
o-Xylene	ND	5.0	ug/kg wet								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
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	"								
Vinyl acetate	ND	5.0	"								
Surrogate: 1,2-Dichloroethane-d4	*53.1*		*ug/L*	*50.0*		*106*	*73-130*				
Surrogate: p-Bromofluorobenzene	*49.1*		*"*	*50.0*		*98.2*	*72-127*				
Surrogate: Toluene-d8	*48.9*		*"*	*50.0*		*97.9*	*84-117*				
LCS (BF31056-BS1)									Prepared & Analyzed: 06/24/2013		
1,1,1,2-Tetrachloroethane	49		ug/L	50.0		97.8	72-132				
1,1,1-Trichloroethane	50		"	50.0		99.1	77-131				
1,1,2,2-Tetrachloroethane	48		"	50.0		96.3	68-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49		"	50.0		97.3	75-143				
1,1,2-Trichloroethane	49		"	50.0		97.1	72-128				
1,1-Dichloroethane	49		"	50.0		97.3	78-133				
1,1-Dichloroethylene	46		"	50.0		92.1	71-142				
1,1-Dichloropropylene	47		"	50.0		93.1	77-124				
1,2,3-Trichlorobenzene	51		"	50.0		101	65-134				
1,2,3-Trichloropropane	46		"	50.0		91.5	65-127				
1,2,4-Trichlorobenzene	49		"	50.0		98.0	59-133				
1,2,4-Trimethylbenzene	46		"	50.0		92.1	68-128				
1,2-Dibromo-3-chloropropane	54		"	50.0		108	58-145				
1,2-Dibromoethane	50		"	50.0		99.9	73-128				
1,2-Dichlorobenzene	47		"	50.0		94.1	69-126				
1,2-Dichloroethane	51		"	50.0		103	78-131				
1,2-Dichloropropane	49		"	50.0		98.2	72-129				
1,3,5-Trimethylbenzene	46		"	50.0		91.8	67-125				
1,3-Dichlorobenzene	45		"	50.0		90.7	67-125				
1,3-Dichloropropane	48		"	50.0		96.2	73-126				
1,4-Dichlorobenzene	45		"	50.0		90.7	67-127				
1,4-Dioxane	96		"	50.0		193	10-265				
2,2-Dichloropropane	49		"	50.0		97.8	68-133				
2-Butanone	50		"	50.0		99.0	49-138				
2-Chlorotoluene	45		"	50.0		89.5	61-121				
4-Chlorotoluene	46		"	50.0		92.1	65-126				
Acetone	37		"	50.0		73.3	21-131				
Benzene	47		"	50.0		94.6	81-125				
Bromobenzene	46		"	50.0		92.2	65-125				
Bromochloromethane	50		"	50.0		99.6	78-127				
Bromodichloromethane	50		"	50.0		99.1	73-131				
Bromoform	51		"	50.0		102	66-137				

Volatile Organic Compounds by EPA SW846-8260B - 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 BF31056 - EPA 5035A											
LCS (BF31056-BS1)							Prepared & Analyzed: 06/24/2013				
Bromomethane	41		ug/L	50.0		82.1	55-144				
Carbon tetrachloride	49		"	50.0		97.9	74-137				
Chlorobenzene	48		"	50.0		95.3	75-127				
Chloroethane	45		"	50.0		90.5	65-138				
Chloroform	50		"	50.0		99.2	82-128				
Chloromethane	46		"	50.0		92.4	51-138				
cis-1,2-Dichloroethylene	48		"	50.0		96.7	77-130				
cis-1,3-Dichloropropylene	50		"	50.0		99.3	68-123				
Dibromochloromethane	51		"	50.0		103	73-136				
Dibromomethane	50		"	50.0		100	75-131				
Dichlorodifluoromethane	39		"	50.0		77.6	10-183				
Ethyl Benzene	48		"	50.0		96.8	75-130				
Hexachlorobutadiene	48		"	50.0		95.5	59-130				
Isopropylbenzene	45		"	50.0		90.0	68-135				
Methyl tert-butyl ether (MTBE)	51		"	50.0		101	76-136				
Methylene chloride	47		"	50.0		94.7	55-143				
Naphthalene	54		"	50.0		108	65-140				
n-Butylbenzene	44		"	50.0		88.9	63-123				
n-Propylbenzene	46		"	50.0		91.4	65-127				
o-Xylene	49		"	50.0		97.5	71-123				
p- & m- Xylenes	96		"	100		95.5	72-127				
p-Isopropyltoluene	45		"	50.0		89.6	69-128				
sec-Butylbenzene	47		"	50.0		93.7	69-125				
Styrene	50		"	50.0		100	74-127				
tert-Butylbenzene	45		"	50.0		90.8	59-164				
Tetrachloroethylene	46		"	50.0		92.9	65-151				
Toluene	47		"	50.0		93.2	72-127				
trans-1,2-Dichloroethylene	48		"	50.0		95.2	73-137				
trans-1,3-Dichloropropylene	49		"	50.0		99.0	67-131				
Trichloroethylene	45		"	50.0		90.8	73-129				
Trichlorofluoromethane	48		"	50.0		96.0	69-136				
Vinyl Chloride	43		"	50.0		86.8	58-132				
Vinyl acetate	20		"	50.0		39.7	10-84				
Surrogate: 1,2-Dichloroethane-d4	*51.6*		*"*	*50.0*		*103*	*73-130*				
Surrogate: p-Bromofluorobenzene	*48.7*		*"*	*50.0*		*97.4*	*72-127*				
Surrogate: Toluene-d8	*49.0*		*"*	*50.0*		*98.1*	*84-117*				

Volatile Organic Compounds by EPA SW846-8260B - 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 BF31056 - EPA 5035A

LCS Dup (BF31056-BSD1) Prepared & Analyzed: 06/24/2013

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	49		ug/L	50.0		98.1	72-132		0.306	30	
1,1,1-Trichloroethane	50		"	50.0		101	77-131		1.78	30	
1,1,2,2-Tetrachloroethane	49		"	50.0		97.1	68-129		0.889	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51		"	50.0		102	75-143		4.83	30	
1,1,2-Trichloroethane	48		"	50.0		95.6	72-128		1.58	30	
1,1-Dichloroethane	50		"	50.0		99.4	78-133		2.05	30	
1,1-Dichloroethylene	47		"	50.0		94.8	71-142		2.91	30	
1,1-Dichloropropylene	47		"	50.0		93.9	77-124		0.770	30	
1,2,3-Trichlorobenzene	48		"	50.0		97.0	65-134		4.36	30	
1,2,3-Trichloropropane	48		"	50.0		96.3	65-127		5.09	30	
1,2,4-Trichlorobenzene	49		"	50.0		97.6	59-133		0.409	30	
1,2,4-Trimethylbenzene	48		"	50.0		95.7	68-128		3.88	30	
1,2-Dibromo-3-chloropropane	52		"	50.0		104	58-145		3.85	30	
1,2-Dibromoethane	48		"	50.0		95.2	73-128		4.80	30	
1,2-Dichlorobenzene	48		"	50.0		96.3	69-126		2.29	30	
1,2-Dichloroethane	51		"	50.0		102	78-131		1.33	30	
1,2-Dichloropropane	49		"	50.0		97.4	72-129		0.818	30	
1,3,5-Trimethylbenzene	48		"	50.0		95.9	67-125		4.43	30	
1,3-Dichlorobenzene	47		"	50.0		94.9	67-125		4.59	30	
1,3-Dichloropropane	47		"	50.0		94.8	73-126		1.49	30	
1,4-Dichlorobenzene	47		"	50.0		94.7	67-127		4.25	30	
1,4-Dioxane	84		"	50.0		168	10-265		13.8	30	
2,2-Dichloropropane	50		"	50.0		100	68-133		2.52	30	
2-Butanone	50		"	50.0		99.5	49-138		0.464	30	
2-Chlorotoluene	46		"	50.0		92.5	61-121		3.25	30	
4-Chlorotoluene	49		"	50.0		98.0	65-126		6.25	30	
Acetone	37		"	50.0		73.3	21-131		0.0545	30	
Benzene	49		"	50.0		97.4	81-125		2.92	30	
Bromobenzene	48		"	50.0		96.6	65-125		4.75	30	
Bromochloromethane	50		"	50.0		101	78-127		1.34	30	
Bromodichloromethane	50		"	50.0		101	73-131		1.54	30	
Bromoform	51		"	50.0		103	66-137		0.449	30	
Bromomethane	42		"	50.0		84.4	55-144		2.71	30	
Carbon tetrachloride	50		"	50.0		101	74-137		2.84	30	
Chlorobenzene	48		"	50.0		95.6	75-127		0.377	30	
Chloroethane	48		"	50.0		96.8	65-138		6.77	30	
Chloroform	51		"	50.0		102	82-128		2.82	30	
Chloromethane	45		"	50.0		89.8	51-138		2.83	30	
cis-1,2-Dichloroethylene	50		"	50.0		99.8	77-130		3.16	30	
cis-1,3-Dichloropropylene	51		"	50.0		102	68-123		2.29	30	
Dibromochloromethane	52		"	50.0		103	73-136		0.272	30	
Dibromomethane	49		"	50.0		97.0	75-131		3.04	30	
Dichlorodifluoromethane	38		"	50.0		76.6	10-183		1.25	30	
Ethyl Benzene	48		"	50.0		96.5	75-130		0.372	30	
Hexachlorobutadiene	49		"	50.0		97.4	59-130		1.97	30	
Isopropylbenzene	48		"	50.0		95.3	68-135		5.76	30	
Methyl tert-butyl ether (MTBE)	51		"	50.0		102	76-136		0.355	30	
Methylene chloride	47		"	50.0		94.9	55-143		0.190	30	
Naphthalene	51		"	50.0		101	65-140		6.44	30	
n-Butylbenzene	48		"	50.0		95.1	63-123		6.78	30	
n-Propylbenzene	48		"	50.0		95.3	65-127		4.11	30	

Volatile Organic Compounds by EPA SW846-8260B - 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 BF31056 - EPA 5035A											
LCS Dup (BF31056-BSD1)								Prepared & Analyzed: 06/24/2013			
o-Xylene	48		ug/L	50.0		95.3	71-123		2.34	30	
p- & m- Xylenes	96		"	100		96.4	72-127		0.969	30	
p-Isopropyltoluene	47		"	50.0		94.3	69-128		5.18	30	
sec-Butylbenzene	48		"	50.0		96.7	69-125		3.15	30	
Styrene	49		"	50.0		97.1	74-127		3.30	30	
tert-Butylbenzene	47		"	50.0		94.4	59-164		3.91	30	
Tetrachloroethylene	47		"	50.0		94.7	65-151		1.96	30	
Toluene	47		"	50.0		94.7	72-127		1.60	30	
trans-1,2-Dichloroethylene	49		"	50.0		98.2	73-137		3.14	30	
trans-1,3-Dichloropropylene	50		"	50.0		100	67-131		1.46	30	
Trichloroethylene	48		"	50.0		96.9	73-129		6.44	30	
Trichlorofluoromethane	48		"	50.0		95.9	69-136		0.146	30	
Vinyl Chloride	44		"	50.0		87.6	58-132		0.872	30	
Vinyl acetate	19		"	50.0		38.0	10-84		4.17	30	
Surrogate: 1,2-Dichloroethane-d4	*49.3*		*"*	*50.0*		*98.6*	*73-130*				
Surrogate: p-Bromofluorobenzene	*48.7*		*"*	*50.0*		*97.5*	*72-127*				
Surrogate: Toluene-d8	*48.9*		*"*	*50.0*		*97.8*	*84-117*				
Batch BF31189 - EPA 5030B											
Blank (BF31189-BLK1)								Prepared: 06/25/2013 Analyzed: 06/26/2013			
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L								
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	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	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	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Acetone	ND	5.0	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								

Volatile Organic Compounds by EPA SW846-8260B - 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 BF31189 - EPA 5030B											
Blank (BF31189-BLK1)											
Prepared: 06/25/2013 Analyzed: 06/26/2013											
Bromomethane	ND	5.0	ug/L								
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	"								
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 tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	5.0	"								
Naphthalene	3.2	5.0	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
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-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	"								
Vinyl acetate	ND	5.0	"								
Surrogate: 1,2-Dichloroethane-d4	*51.9*		*"*	*50.0*		*104*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*51.4*		*"*	*50.0*		*103*	*63.5-145*				
Surrogate: Toluene-d8	*48.3*		*"*	*50.0*		*96.6*	*81.2-127*				

Volatile Organic Compounds by EPA SW846-8260B - 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 BF31189 - EPA 5030B											
LCS (BF31189-BS1)							Prepared & Analyzed: 06/25/2013				
1,1,1,2-Tetrachloroethane	47		ug/L	50.0		94.9	82.3-130				
1,1,1-Trichloroethane	49		"	50.0		97.3	75.6-137				
1,1,2,2-Tetrachloroethane	48		"	50.0		95.6	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50		"	50.0		100	71.1-129				
1,1,2-Trichloroethane	48		"	50.0		96.5	74.5-129				
1,1-Dichloroethane	48		"	50.0		96.0	79.6-132				
1,1-Dichloroethylene	45		"	50.0		90.5	80.2-146				
1,1-Dichloropropylene	46		"	50.0		92.3	75-136				
1,2,3-Trichlorobenzene	52		"	50.0		105	66.1-136				
1,2,3-Trichloropropane	47		"	50.0		93.6	63-131				
1,2,4-Trichlorobenzene	51		"	50.0		103	70.6-136				
1,2,4-Trimethylbenzene	46		"	50.0		91.5	75.3-135				
1,2-Dibromo-3-chloropropane	53		"	50.0		106	58.9-140				
1,2-Dibromoethane	48		"	50.0		96.6	79-130				
1,2-Dichlorobenzene	48		"	50.0		95.5	76.1-122				
1,2-Dichloroethane	51		"	50.0		101	74.6-132				
1,2-Dichloropropane	50		"	50.0		100	76.9-129				
1,3,5-Trimethylbenzene	47		"	50.0		93.8	70.6-127				
1,3-Dichlorobenzene	46		"	50.0		92.5	77-124				
1,3-Dichloropropane	47		"	50.0		94.9	75.8-126				
1,4-Dichlorobenzene	47		"	50.0		93.8	76.6-125				
2,2-Dichloropropane	49		"	50.0		97.3	69-133				
2-Butanone	51		"	50.0		102	70-130				
2-Chlorotoluene	44		"	50.0		87.6	66.3-119				
4-Chlorotoluene	47		"	50.0		93.3	69.2-127				
Acetone	35		"	50.0		70.8	70-130				
Benzene	47		"	50.0		94.6	76.2-129				
Bromobenzene	46		"	50.0		92.5	71.3-123				
Bromochloromethane	50		"	50.0		99.1	70.8-137				
Bromodichloromethane	51		"	50.0		101	79.7-134				
Bromoform	48		"	50.0		96.2	70.5-141				
Bromomethane	40		"	50.0		80.5	43.9-147				
Carbon tetrachloride	48		"	50.0		96.7	78.1-138				
Chlorobenzene	47		"	50.0		93.8	80.4-125				
Chloroethane	46		"	50.0		91.4	55.8-140				
Chloroform	48		"	50.0		97.0	76.6-133				
Chloromethane	43		"	50.0		87.0	48.8-115				
cis-1,2-Dichloroethylene	48		"	50.0		96.9	75.1-128				
cis-1,3-Dichloropropylene	50		"	50.0		99.2	74.5-128				
Dibromochloromethane	49		"	50.0		98.5	79.8-134				
Dibromomethane	51		"	50.0		102	79-130				
Dichlorodifluoromethane	36		"	50.0		72.5	47.1-101				
Ethyl Benzene	48		"	50.0		95.2	80.8-128				
Hexachlorobutadiene	50		"	50.0		100	64.8-128				
Isopropylbenzene	45		"	50.0		90.1	75.5-135				
Methyl tert-butyl ether (MTBE)	50		"	50.0		101	65.1-140				
Methylene chloride	47		"	50.0		93.5	61.3-120				
Naphthalene	54		"	50.0		107	62.3-148				
n-Butylbenzene	45		"	50.0		90.0	67.2-123				
n-Propylbenzene	46		"	50.0		92.1	70.5-127				
o-Xylene	46		"	50.0		92.6	75.9-122				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

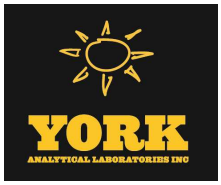
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF31189 - EPA 5030B											
LCS (BF31189-BS1)							Prepared & Analyzed: 06/25/2013				
p- & m- Xylenes	92		ug/L	100		92.3	77.7-127				
p-Isopropyltoluene	46		"	50.0		91.2	75.6-129				
sec-Butylbenzene	45		"	50.0		90.2	71.5-125				
Styrene	47		"	50.0		95.0	77.8-123				
tert-Butylbenzene	45		"	50.0		89.9	75.9-151				
Tetrachloroethylene	46		"	50.0		91.9	63.6-167				
Toluene	47		"	50.0		93.7	77-123				
trans-1,2-Dichloroethylene	47		"	50.0		93.4	76.3-139				
trans-1,3-Dichloropropylene	50		"	50.0		101	72.5-137				
Trichloroethylene	47		"	50.0		94.3	77.9-130				
Trichlorofluoromethane	47		"	50.0		94.9	57.4-133				
Vinyl Chloride	44		"	50.0		87.1	54.9-124				
Vinyl acetate	19		"	50.0		37.6	70-130	Low Bias			
Surrogate: 1,2-Dichloroethane-d4	*51.2*		*"*	*50.0*		*102*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*49.3*		*"*	*50.0*		*98.5*	*63.5-145*				
Surrogate: Toluene-d8	*49.4*		*"*	*50.0*		*98.8*	*81.2-127*				
LCS Dup (BF31189-BSD1)							Prepared: 06/25/2013 Analyzed: 06/26/2013				
1,1,1,2-Tetrachloroethane	46		ug/L	50.0		91.9	82.3-130		3.17	21.1	
1,1,1-Trichloroethane	49		"	50.0		97.8	75.6-137		0.595	19.7	
1,1,2,2-Tetrachloroethane	46		"	50.0		91.4	71.3-131		4.49	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	48		"	50.0		96.4	71.1-129		4.08	21.7	
1,1,2-Trichloroethane	47		"	50.0		93.1	74.5-129		3.59	20.3	
1,1-Dichloroethane	48		"	50.0		95.4	79.6-132		0.606	20.6	
1,1-Dichloroethylene	45		"	50.0		90.3	80.2-146		0.155	20	
1,1-Dichloropropylene	46		"	50.0		92.8	75-136		0.540	19.3	
1,2,3-Trichlorobenzene	51		"	50.0		102	66.1-136		2.63	21.6	
1,2,3-Trichloropropane	45		"	50.0		90.4	63-131		3.46	23.9	
1,2,4-Trichlorobenzene	49		"	50.0		98.0	70.6-136		4.53	21.7	
1,2,4-Trimethylbenzene	45		"	50.0		90.9	75.3-135		0.680	18.8	
1,2-Dibromo-3-chloropropane	47		"	50.0		94.2	58.9-140		11.6	27.7	
1,2-Dibromoethane	47		"	50.0		94.1	79-130		2.66	23	
1,2-Dichlorobenzene	46		"	50.0		92.6	76.1-122		3.02	19.8	
1,2-Dichloroethane	49		"	50.0		97.6	74.6-132		3.76	20.2	
1,2-Dichloropropane	47		"	50.0		94.7	76.9-129		5.56	20.7	
1,3,5-Trimethylbenzene	45		"	50.0		90.3	70.6-127		3.80	18.9	
1,3-Dichlorobenzene	46		"	50.0		92.1	77-124		0.368	19.2	
1,3-Dichloropropane	47		"	50.0		93.2	75.8-126		1.76	22.1	
1,4-Dichlorobenzene	46		"	50.0		92.4	76.6-125		1.50	18.6	
2,2-Dichloropropane	48		"	50.0		95.2	69-133		2.18	19.8	
2-Butanone	49		"	50.0		97.6	70-130		4.35	30	
2-Chlorotoluene	44		"	50.0		88.7	66.3-119		1.25	21.6	
4-Chlorotoluene	46		"	50.0		92.6	69.2-127		0.710	19	
Acetone	32		"	50.0		64.6	70-130	Low Bias	9.13	30	
Benzene	48		"	50.0		95.0	76.2-129		0.443	19	
Bromobenzene	46		"	50.0		91.7	71.3-123		0.890	20.3	
Bromochloromethane	48		"	50.0		96.9	70.8-137		2.18	23.9	
Bromodichloromethane	47		"	50.0		94.9	79.7-134		6.24	21	
Bromoform	46		"	50.0		92.0	70.5-141		4.50	21.8	
Bromomethane	43		"	50.0		86.9	43.9-147		7.62	28.4	
Carbon tetrachloride	47		"	50.0		94.9	78.1-138		1.86	20.1	
Chlorobenzene	47		"	50.0		93.1	80.4-125		0.728	19.9	

Volatile Organic Compounds by EPA SW846-8260B - 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 BF31189 - EPA 5030B											
LCS Dup (BF31189-BSD1)									Prepared: 06/25/2013 Analyzed: 06/26/2013		
Chloroethane	46		ug/L	50.0		92.4	55.8-140		1.04	23.3	
Chloroform	48		"	50.0		96.2	76.6-133		0.828	20.3	
Chloromethane	45		"	50.0		90.1	48.8-115		3.55	24.5	
cis-1,2-Dichloroethylene	48		"	50.0		96.3	75.1-128		0.621	20.5	
cis-1,3-Dichloropropylene	48		"	50.0		95.2	74.5-128		4.18	19.9	
Dibromochloromethane	48		"	50.0		96.3	79.8-134		2.34	21.3	
Dibromomethane	48		"	50.0		95.1	79-130		7.12	22.4	
Dichlorodifluoromethane	38		"	50.0		75.3	47.1-101		3.87	23.9	
Ethyl Benzene	47		"	50.0		95.0	80.8-128		0.231	19.2	
Hexachlorobutadiene	50		"	50.0		100	64.8-128		0.219	20.6	
Isopropylbenzene	44		"	50.0		88.5	75.5-135		1.77	20	
Methyl tert-butyl ether (MTBE)	49		"	50.0		97.3	65.1-140		3.65	23.6	
Methylene chloride	45		"	50.0		90.7	61.3-120		3.08	20.4	
Naphthalene	50		"	50.0		101	62.3-148		6.22	27.1	
n-Butylbenzene	45		"	50.0		89.2	67.2-123		0.960	19.1	
n-Propylbenzene	45		"	50.0		89.9	70.5-127		2.40	23.4	
o-Xylene	47		"	50.0		93.5	75.9-122		1.01	19.3	
p- & m- Xylenes	92		"	100		92.2	77.7-127		0.130	18.6	
p-Isopropyltoluene	45		"	50.0		91.0	75.6-129		0.285	19.1	
sec-Butylbenzene	45		"	50.0		90.7	71.5-125		0.487	18.9	
Styrene	48		"	50.0		95.7	77.8-123		0.734	20.9	
tert-Butylbenzene	45		"	50.0		90.6	75.9-151		0.798	20.9	
Tetrachloroethylene	47		"	50.0		93.1	63.6-167		1.36	27.7	
Toluene	45		"	50.0		90.1	77-123		3.92	18.7	
trans-1,2-Dichloroethylene	46		"	50.0		92.4	76.3-139		1.14	19.5	
trans-1,3-Dichloropropylene	47		"	50.0		94.6	72.5-137		6.55	19.3	
Trichloroethylene	45		"	50.0		89.3	77.9-130		5.40	20.5	
Trichlorofluoromethane	47		"	50.0		93.3	57.4-133		1.68	21.4	
Vinyl Chloride	42		"	50.0		84.4	54.9-124		3.15	22.3	
Vinyl acetate	18		"	50.0		36.8	70-130	Low Bias	2.15	30	
Surrogate: 1,2-Dichloroethane-d4	*49.5*		*"*	*50.0*		*98.9*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*49.3*		*"*	*50.0*		*98.6*	*63.5-145*				
Surrogate: Toluene-d8	*48.9*		*"*	*50.0*		*97.8*	*81.2-127*				



Volatile Organic Compounds by EPA SW846-8260B - 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 BF31189 - EPA 5030B											
Matrix Spike (BF31189-MS1)	*Source sample: 13F0697-18 (Rinsate Blank)								Prepared: 06/25/2013 Analyzed: 06/26/2013		
1,1,1,2-Tetrachloroethane	51		ug/L	50.0	ND	103	82-138				
1,1,1-Trichloroethane	52		"	50.0	ND	104	85.7-133				
1,1,2,2-Tetrachloroethane	49		"	50.0	ND	97.9	78.6-136				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51		"	50.0	ND	102	74.8-131				
1,1,2-Trichloroethane	50		"	50.0	ND	101	82.5-129				
1,1-Dichloroethane	51		"	50.0	ND	102	81.4-137				
1,1-Dichloroethylene	48		"	50.0	ND	95.4	90-138				
1,1-Dichloropropylene	49		"	50.0	ND	97.2	91.7-131				
1,2,3-Trichlorobenzene	58		"	50.0	ND	117	75.9-130				
1,2,3-Trichloropropane	46		"	50.0	ND	92.0	77.1-140				
1,2,4-Trichlorobenzene	54		"	50.0	ND	109	69.8-135				
1,2,4-Trimethylbenzene	47		"	50.0	ND	94.7	79.4-131				
1,2-Dibromo-3-chloropropane	56		"	50.0	ND	113	66.6-143				
1,2-Dibromoethane	51		"	50.0	ND	101	79.8-136				
1,2-Dichlorobenzene	49		"	50.0	ND	97.5	79.9-130				
1,2-Dichloroethane	51		"	50.0	ND	102	85-133				
1,2-Dichloropropane	50		"	50.0	ND	100	81.1-132				
1,3,5-Trimethylbenzene	47		"	50.0	ND	93.7	76.1-121				
1,3-Dichlorobenzene	47		"	50.0	ND	94.2	79.1-124				
1,3-Dichloropropane	50		"	50.0	ND	99.3	83.3-130				
1,4-Dichlorobenzene	47		"	50.0	ND	93.5	79.4-128				
2,2-Dichloropropane	48		"	50.0	ND	96.3	54.2-126				
2-Butanone	59		"	50.0	3.9	110	70-130				
2-Chlorotoluene	45		"	50.0	ND	89.4	60.2-144				
4-Chlorotoluene	47		"	50.0	ND	94.0	79.8-128				
Acetone	40		"	50.0	ND	80.9	70-130				
Benzene	50		"	50.0	ND	99.9	74.1-134				
Bromobenzene	48		"	50.0	ND	95.2	76.6-125				
Bromochloromethane	53		"	50.0	ND	106	85-133				
Bromodichloromethane	51		"	50.0	ND	102	80.8-143				
Bromoform	50		"	50.0	ND	100	65.8-164				
Bromomethane	37		"	50.0	ND	74.5	68.7-112				
Carbon tetrachloride	52		"	50.0	ND	103	85.7-138				
Chlorobenzene	49		"	50.0	ND	97.5	79.9-129				
Chloroethane	55		"	50.0	ND	110	74.7-127				
Chloroform	52		"	50.0	ND	104	50.6-145				
Chloromethane	43		"	50.0	ND	87.0	64-111				
cis-1,2-Dichloroethylene	52		"	50.0	ND	105	75.5-129				
cis-1,3-Dichloropropylene	50		"	50.0	ND	99.7	74.3-128				
Dibromochloromethane	53		"	50.0	ND	106	76.8-150				
Dibromomethane	51		"	50.0	ND	102	83.3-140				
Dichlorodifluoromethane	37		"	50.0	ND	74.2	51-100				
Ethyl Benzene	49		"	50.0	ND	98.2	82.9-127				
Hexachlorobutadiene	51		"	50.0	ND	102	73-128				
Isopropylbenzene	45		"	50.0	ND	89.0	78.7-131				
Methyl tert-butyl ether (MTBE)	53		"	50.0	ND	105	81.2-134				
Methylene chloride	48		"	50.0	ND	95.6	57.8-103				
Naphthalene	60		"	50.0	ND	120	80.1-122				
n-Butylbenzene	46		"	50.0	ND	93.0	72.4-120				
n-Propylbenzene	45		"	50.0	ND	90.1	74-130				
o-Xylene	50		"	50.0	ND	99.8	78.8-122				

Volatile Organic Compounds by EPA SW846-8260B - 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 BF31189 - EPA 5030B											
Matrix Spike (BF31189-MS1)	*Source sample: 13F0697-18 (Rinsate Blank)								Prepared: 06/25/2013 Analyzed: 06/26/2013		
p- & m- Xylenes	97		ug/L	100	ND	97.1	82.5-123				
p-Isopropyltoluene	47		"	50.0	ND	93.7	64.9-132				
sec-Butylbenzene	48		"	50.0	ND	95.3	25.4-151				
Styrene	50		"	50.0	ND	99.3	74.1-134				
tert-Butylbenzene	47		"	50.0	ND	93.9	79.5-171				
Tetrachloroethylene	46		"	50.0	ND	92.8	72.5-130				
Toluene	48		"	50.0	ND	96.8	77.8-121				
trans-1,2-Dichloroethylene	49		"	50.0	ND	97.5	83.8-140				
trans-1,3-Dichloropropylene	49		"	50.0	ND	97.9	74.9-136				
Trichloroethylene	48		"	50.0	ND	95.8	84.4-125				
Trichlorofluoromethane	51		"	50.0	ND	101	78.7-127				
Vinyl Chloride	44		"	50.0	ND	88.2	72.1-116				
Vinyl acetate	18		"	50.0	ND	36.4	70-130	Low Bias			
Surrogate: 1,2-Dichloroethane-d4	*50.9*		*"*	*50.0*		*102*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*48.9*		*"*	*50.0*		*97.8*	*63.5-145*				
Surrogate: Toluene-d8	*48.1*		*"*	*50.0*		*96.1*	*81.2-127*				
Matrix Spike Dup (BF31189-MSD1)	*Source sample: 13F0697-18 (Rinsate Blank)								Prepared: 06/25/2013 Analyzed: 06/26/2013		
1,1,1,2-Tetrachloroethane	48		ug/L	50.0	ND	95.2	82-138		7.42	21.3	
1,1,1-Trichloroethane	50		"	50.0	ND	99.8	85.7-133		3.75	22.6	
1,1,2,2-Tetrachloroethane	45		"	50.0	ND	90.6	78.6-136		7.72	23.1	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51		"	50.0	ND	102	74.8-131		0.157	25.6	
1,1,2-Trichloroethane	48		"	50.0	ND	95.7	82.5-129		5.15	19.3	
1,1-Dichloroethane	48		"	50.0	ND	96.8	81.4-137		4.76	20.7	
1,1-Dichloroethylene	46		"	50.0	ND	91.6	90-138		4.02	22.9	
1,1-Dichloropropylene	47		"	50.0	ND	93.4	91.7-131		4.03	24.9	
1,2,3-Trichlorobenzene	53		"	50.0	ND	107	75.9-130		9.06	21.4	
1,2,3-Trichloropropane	42		"	50.0	ND	84.2	77.1-140		8.83	28	
1,2,4-Trichlorobenzene	50		"	50.0	ND	99.5	69.8-135		8.91	22.5	
1,2,4-Trimethylbenzene	44		"	50.0	ND	88.5	79.4-131		6.79	33.9	
1,2-Dibromo-3-chloropropane	50		"	50.0	ND	100	66.6-143		11.5	23.3	
1,2-Dibromoethane	48		"	50.0	ND	96.4	79.8-136		4.95	19.1	
1,2-Dichlorobenzene	47		"	50.0	ND	93.5	79.9-130		4.19	23.2	
1,2-Dichloroethane	51		"	50.0	ND	101	85-133		0.923	19.1	
1,2-Dichloropropane	50		"	50.0	ND	99.3	81.1-132		0.842	19.9	
1,3,5-Trimethylbenzene	44		"	50.0	ND	87.4	76.1-121		6.98	31.2	
1,3-Dichlorobenzene	45		"	50.0	ND	89.4	79.1-124		5.27	22.6	
1,3-Dichloropropane	48		"	50.0	ND	95.7	83.3-130		3.67	20.9	
1,4-Dichlorobenzene	45		"	50.0	ND	89.5	79.4-128		4.37	21	
2,2-Dichloropropane	47		"	50.0	ND	94.2	54.2-126		2.16	24.5	
2-Butanone	53		"	50.0	3.9	97.7	70-130		11.7	30	
2-Chlorotoluene	43		"	50.0	ND	86.0	60.2-144		3.86	30.8	
4-Chlorotoluene	45		"	50.0	ND	89.3	79.8-128		5.13	23.2	
Acetone	36		"	50.0	ND	72.6	70-130		10.9	30	
Benzene	48		"	50.0	ND	95.4	74.1-134		4.53	20.8	
Bromobenzene	45		"	50.0	ND	89.2	76.6-125		6.46	23	
Bromochloromethane	51		"	50.0	ND	102	85-133		3.92	18.4	
Bromodichloromethane	49		"	50.0	ND	98.5	80.8-143		2.98	18.1	
Bromoform	46		"	50.0	ND	91.5	65.8-164		9.40	27.3	
Bromomethane	33		"	50.0	ND	65.6	68.7-112	Low Bias	12.8	22.8	
Carbon tetrachloride	49		"	50.0	ND	97.2	85.7-138		6.24	25.1	
Chlorobenzene	47		"	50.0	ND	94.4	79.9-129		3.21	21	

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BF31189 - EPA 5030B

Matrix Spike Dup (BF31189-MSD1) *Source sample: 13F0697-18 (Rinsate Blank) Prepared: 06/25/2013 Analyzed: 06/26/2013

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Chloroethane	58		ug/L	50.0	ND	115	74.7-127		4.91	23.7	
Chloroform	51		"	50.0	ND	101	50.6-145		2.32	21.7	
Chloromethane	42		"	50.0	ND	84.6	64-111		2.82	21.4	
cis-1,2-Dichloroethylene	50		"	50.0	ND	100	75.5-129		4.45	20.2	
cis-1,3-Dichloropropylene	50		"	50.0	ND	99.2	74.3-128		0.583	19.8	
Dibromochloromethane	50		"	50.0	ND	99.7	76.8-150		6.58	20.8	
Dibromomethane	48		"	50.0	ND	95.1	83.3-140		6.65	20.4	
Dichlorodifluoromethane	36		"	50.0	ND	71.2	51-100		4.18	27.6	
Ethyl Benzene	49		"	50.0	ND	97.3	82.9-127		0.962	21.4	
Hexachlorobutadiene	50		"	50.0	ND	99.5	73-128		2.46	26	
Isopropylbenzene	43		"	50.0	ND	86.0	78.7-131		3.43	26.7	
Methyl tert-butyl ether (MTBE)	50		"	50.0	ND	100	81.2-134		5.20	21.2	
Methylene chloride	47		"	50.0	ND	94.9	57.8-103		0.651	21.2	
Naphthalene	55		"	50.0	ND	110	80.1-122		8.49	26.1	
n-Butylbenzene	45		"	50.0	ND	89.2	72.4-120		4.15	30.8	
n-Propylbenzene	44		"	50.0	ND	87.5	74-130		2.88	31	
o-Xylene	48		"	50.0	ND	95.6	78.8-122		4.32	21	
p- & m- Xylenes	94		"	100	ND	93.7	82.5-123		3.55	22.5	
p-Isopropyltoluene	44		"	50.0	ND	88.4	64.9-132		5.80	25.2	
sec-Butylbenzene	45		"	50.0	ND	90.6	25.4-151		5.14	25.2	
Styrene	47		"	50.0	ND	93.4	74.1-134		6.10	20	
tert-Butylbenzene	45		"	50.0	ND	90.5	79.5-171		3.69	24.8	
Tetrachloroethylene	45		"	50.0	ND	90.0	72.5-130		3.02	22.7	
Toluene	46		"	50.0	ND	92.1	77.8-121		5.02	21.5	
trans-1,2-Dichloroethylene	48		"	50.0	ND	95.1	83.8-140		2.51	20.1	
trans-1,3-Dichloropropylene	48		"	50.0	ND	95.6	74.9-136		2.32	22.5	
Trichloroethylene	46		"	50.0	ND	92.6	84.4-125		3.48	20.7	
Trichlorofluoromethane	49		"	50.0	ND	98.4	78.7-127		2.96	24.7	
Vinyl Chloride	43		"	50.0	ND	85.2	72.1-116		3.48	24.9	
Vinyl acetate	17		"	50.0	ND	34.1	70-130	Low Bias	6.53	30	
Surrogate: 1,2-Dichloroethane-d4	*50.5*		*"*	*50.0*		*101*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*48.0*		*"*	*50.0*		*95.9*	*63.5-145*				
Surrogate: Toluene-d8	*48.1*		*"*	*50.0*		*96.2*	*81.2-127*				

Volatile Organic Compounds by EPA SW846-8260B - 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 BF31328 - EPA 5030B											
Blank (BF31328-BLK1)											
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L								
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	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	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	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Acetone	5.1	5.0	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	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	"								
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 tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	5.0	"								
Naphthalene	ND	5.0	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								

Prepared & Analyzed: 06/27/2013

Volatile Organic Compounds by EPA SW846-8260B - 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 BF31328 - EPA 5030B											
Blank (BF31328-BLK1)											Prepared & Analyzed: 06/27/2013
p- & m- Xylenes	ND	10	ug/L								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
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	"								
Vinyl acetate	ND	5.0	"								
Surrogate: 1,2-Dichloroethane-d4	*50.6*		*"*	*50.0*		*101*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*57.0*		*"*	*50.0*		*114*	*63.5-145*				
Surrogate: Toluene-d8	*49.9*		*"*	*50.0*		*99.7*	*81.2-127*				
LCS (BF31328-BS1)											Prepared & Analyzed: 06/27/2013
1,1,1,2-Tetrachloroethane	52		ug/L	50.0		103	82.3-130				
1,1,1-Trichloroethane	50		"	50.0		99.1	75.6-137				
1,1,2,2-Tetrachloroethane	50		"	50.0		101	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46		"	50.0		92.0	71.1-129				
1,1,2-Trichloroethane	47		"	50.0		94.5	74.5-129				
1,1-Dichloroethane	48		"	50.0		95.6	79.6-132				
1,1-Dichloroethylene	42		"	50.0		84.5	80.2-146				
1,1-Dichloropropylene	46		"	50.0		91.2	75-136				
1,2,3-Trichlorobenzene	48		"	50.0		96.2	66.1-136				
1,2,3-Trichloropropane	51		"	50.0		102	63-131				
1,2,4-Trichlorobenzene	49		"	50.0		98.9	70.6-136				
1,2,4-Trimethylbenzene	49		"	50.0		97.3	75.3-135				
1,2-Dibromo-3-chloropropane	46		"	50.0		91.9	58.9-140				
1,2-Dibromoethane	49		"	50.0		98.5	79-130				
1,2-Dichlorobenzene	49		"	50.0		98.1	76.1-122				
1,2-Dichloroethane	49		"	50.0		97.9	74.6-132				
1,2-Dichloropropane	47		"	50.0		93.9	76.9-129				
1,3,5-Trimethylbenzene	49		"	50.0		99.0	70.6-127				
1,3-Dichlorobenzene	49		"	50.0		98.2	77-124				
1,3-Dichloropropane	47		"	50.0		94.9	75.8-126				
1,4-Dichlorobenzene	49		"	50.0		98.8	76.6-125				
2,2-Dichloropropane	49		"	50.0		98.0	69-133				
2-Butanone	45		"	50.0		89.8	70-130				
2-Chlorotoluene	47		"	50.0		93.8	66.3-119				
4-Chlorotoluene	50		"	50.0		99.1	69.2-127				
Acetone	36		"	50.0		71.0	70-130				
Benzene	50		"	50.0		99.5	76.2-129				
Bromobenzene	49		"	50.0		97.1	71.3-123				
Bromochloromethane	48		"	50.0		95.1	70.8-137				
Bromodichloromethane	49		"	50.0		98.6	79.7-134				
Bromoform	57		"	50.0		113	70.5-141				
Bromomethane	67		"	50.0		134	43.9-147				
Carbon tetrachloride	50		"	50.0		100	78.1-138				

Volatile Organic Compounds by EPA SW846-8260B - 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 BF31328 - EPA 5030B											
LCS (BF31328-BS1)							Prepared & Analyzed: 06/27/2013				
Chlorobenzene	48		ug/L	50.0		96.7	80.4-125				
Chloroethane	44		"	50.0		88.3	55.8-140				
Chloroform	49		"	50.0		97.6	76.6-133				
Chloromethane	41		"	50.0		81.3	48.8-115				
cis-1,2-Dichloroethylene	49		"	50.0		98.6	75.1-128				
cis-1,3-Dichloropropylene	52		"	50.0		104	74.5-128				
Dibromochloromethane	53		"	50.0		106	79.8-134				
Dibromomethane	50		"	50.0		99.7	79-130				
Dichlorodifluoromethane	39		"	50.0		77.2	47.1-101				
Ethyl Benzene	50		"	50.0		99.7	80.8-128				
Hexachlorobutadiene	49		"	50.0		97.9	64.8-128				
Isopropylbenzene	49		"	50.0		97.5	75.5-135				
Methyl tert-butyl ether (MTBE)	53		"	50.0		106	65.1-140				
Methylene chloride	47		"	50.0		93.7	61.3-120				
Naphthalene	44		"	50.0		88.5	62.3-148				
n-Butylbenzene	48		"	50.0		96.1	67.2-123				
n-Propylbenzene	50		"	50.0		99.1	70.5-127				
o-Xylene	47		"	50.0		94.6	75.9-122				
p- & m- Xylenes	99		"	100		98.5	77.7-127				
p-Isopropyltoluene	50		"	50.0		101	75.6-129				
sec-Butylbenzene	50		"	50.0		101	71.5-125				
Styrene	51		"	50.0		101	77.8-123				
tert-Butylbenzene	50		"	50.0		100	75.9-151				
Tetrachloroethylene	45		"	50.0		89.7	63.6-167				
Toluene	48		"	50.0		96.1	77-123				
trans-1,2-Dichloroethylene	46		"	50.0		92.1	76.3-139				
trans-1,3-Dichloropropylene	52		"	50.0		103	72.5-137				
Trichloroethylene	47		"	50.0		93.4	77.9-130				
Trichlorofluoromethane	46		"	50.0		91.6	57.4-133				
Vinyl Chloride	42		"	50.0		84.0	54.9-124				
Vinyl acetate	37		"	50.0		73.1	70-130				
Surrogate: 1,2-Dichloroethane-d4	*51.1*		*"*	*50.0*		*102*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*49.6*		*"*	*50.0*		*99.3*	*63.5-145*				
Surrogate: Toluene-d8	*48.5*		*"*	*50.0*		*97.0*	*81.2-127*				

Volatile Organic Compounds by EPA SW846-8260B - 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 BF31328 - EPA 5030B											
LCS Dup (BF31328-BSD1)							Prepared & Analyzed: 06/27/2013				
1,1,1,2-Tetrachloroethane	51		ug/L	50.0		102	82.3-130		1.60	21.1	
1,1,1-Trichloroethane	50		"	50.0		99.4	75.6-137		0.323	19.7	
1,1,2,2-Tetrachloroethane	48		"	50.0		96.8	71.3-131		3.99	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	45		"	50.0		90.4	71.1-129		1.78	21.7	
1,1,2-Trichloroethane	47		"	50.0		93.8	74.5-129		0.744	20.3	
1,1-Dichloroethane	48		"	50.0		95.8	79.6-132		0.146	20.6	
1,1-Dichloroethylene	41		"	50.0		82.5	80.2-146		2.44	20	
1,1-Dichloropropylene	46		"	50.0		91.5	75-136		0.263	19.3	
1,2,3-Trichlorobenzene	49		"	50.0		97.3	66.1-136		1.20	21.6	
1,2,3-Trichloropropane	47		"	50.0		94.4	63-131		7.36	23.9	
1,2,4-Trichlorobenzene	50		"	50.0		99.5	70.6-136		0.665	21.7	
1,2,4-Trimethylbenzene	49		"	50.0		98.9	75.3-135		1.65	18.8	
1,2-Dibromo-3-chloropropane	47		"	50.0		93.4	58.9-140		1.60	27.7	
1,2-Dibromoethane	49		"	50.0		97.5	79-130		0.959	23	
1,2-Dichlorobenzene	50		"	50.0		99.5	76.1-122		1.40	19.8	
1,2-Dichloroethane	48		"	50.0		95.4	74.6-132		2.61	20.2	
1,2-Dichloropropane	47		"	50.0		94.8	76.9-129		0.890	20.7	
1,3,5-Trimethylbenzene	50		"	50.0		100	70.6-127		1.17	18.9	
1,3-Dichlorobenzene	51		"	50.0		101	77-124		3.09	19.2	
1,3-Dichloropropane	47		"	50.0		95.0	75.8-126		0.0211	22.1	
1,4-Dichlorobenzene	50		"	50.0		101	76.6-125		1.90	18.6	
2,2-Dichloropropane	49		"	50.0		97.5	69-133		0.491	19.8	
2-Butanone	44		"	50.0		88.4	70-130		1.62	30	
2-Chlorotoluene	47		"	50.0		94.5	66.3-119		0.680	21.6	
4-Chlorotoluene	51		"	50.0		101	69.2-127		2.33	19	
Acetone	35		"	50.0		70.6	70-130		0.565	30	
Benzene	50		"	50.0		99.6	76.2-129		0.0402	19	
Bromobenzene	49		"	50.0		97.3	71.3-123		0.185	20.3	
Bromochloromethane	47		"	50.0		93.8	70.8-137		1.38	23.9	
Bromodichloromethane	48		"	50.0		95.5	79.7-134		3.21	21	
Bromoform	57		"	50.0		114	70.5-141		1.04	21.8	
Bromomethane	69		"	50.0		137	43.9-147		2.13	28.4	
Carbon tetrachloride	51		"	50.0		102	78.1-138		1.96	20.1	
Chlorobenzene	49		"	50.0		97.1	80.4-125		0.351	19.9	
Chloroethane	45		"	50.0		90.9	55.8-140		2.90	23.3	
Chloroform	48		"	50.0		95.6	76.6-133		1.99	20.3	
Chloromethane	41		"	50.0		81.3	48.8-115		0.0984	24.5	
cis-1,2-Dichloroethylene	49		"	50.0		97.2	75.1-128		1.45	20.5	
cis-1,3-Dichloropropylene	52		"	50.0		104	74.5-128		0.711	19.9	
Dibromochloromethane	53		"	50.0		106	79.8-134		0.321	21.3	
Dibromomethane	48		"	50.0		96.4	79-130		3.41	22.4	
Dichlorodifluoromethane	39		"	50.0		77.9	47.1-101		0.799	23.9	
Ethyl Benzene	50		"	50.0		100	80.8-128		0.400	19.2	
Hexachlorobutadiene	51		"	50.0		101	64.8-128		3.47	20.6	
Isopropylbenzene	50		"	50.0		99.0	75.5-135		1.53	20	
Methyl tert-butyl ether (MTBE)	52		"	50.0		103	65.1-140		2.12	23.6	
Methylene chloride	46		"	50.0		92.5	61.3-120		1.35	20.4	
Naphthalene	44		"	50.0		87.7	62.3-148		0.954	27.1	
n-Butylbenzene	49		"	50.0		98.6	67.2-123		2.61	19.1	
n-Propylbenzene	51		"	50.0		101	70.5-127		2.20	23.4	
o-Xylene	47		"	50.0		94.9	75.9-122		0.295	19.3	

Volatile Organic Compounds by EPA SW846-8260B - 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 BF31328 - EPA 5030B											
LCS Dup (BF31328-BSD1)								Prepared & Analyzed: 06/27/2013			
p- & m- Xylenes	99		ug/L	100		99.0	77.7-127		0.466	18.6	
p-Isopropyltoluene	52		"	50.0		103	75.6-129		2.43	19.1	
sec-Butylbenzene	51		"	50.0		103	71.5-125		1.88	18.9	
Styrene	51		"	50.0		101	77.8-123		0.316	20.9	
tert-Butylbenzene	51		"	50.0		102	75.9-151		1.21	20.9	
Tetrachloroethylene	45		"	50.0		91.0	63.6-167		1.46	27.7	
Toluene	48		"	50.0		96.7	77-123		0.685	18.7	
trans-1,2-Dichloroethylene	47		"	50.0		93.2	76.3-139		1.23	19.5	
trans-1,3-Dichloropropylene	51		"	50.0		103	72.5-137		0.758	19.3	
Trichloroethylene	47		"	50.0		93.4	77.9-130		0.0214	20.5	
Trichlorofluoromethane	46		"	50.0		91.1	57.4-133		0.482	21.4	
Vinyl Chloride	42		"	50.0		84.6	54.9-124		0.617	22.3	
Vinyl acetate	35		"	50.0		70.9	70-130		3.03	30	
Surrogate: 1,2-Dichloroethane-d4	*49.0*		*"*	*50.0*		*98.1*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*50.8*		*"*	*50.0*		*102*	*63.5-145*				
Surrogate: Toluene-d8	*48.7*		*"*	*50.0*		*97.3*	*81.2-127*				

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control Data

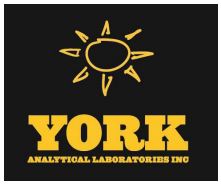
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF31002 - EPA 3550B											
Blank (BF31002-BLK1)											
Prepared: 06/21/2013 Analyzed: 06/25/2013											
Acenaphthene	ND	167	ug/kg wet								
Acenaphthylene	ND	167	"								
Aniline	ND	167	"								
Anthracene	ND	167	"								
Benzo(a)anthracene	ND	167	"								
Benzo(a)pyrene	ND	167	"								
Benzo(b)fluoranthene	ND	167	"								
Benzo(g,h,i)perylene	ND	167	"								
Benzo(k)fluoranthene	ND	167	"								
Benzyl butyl phthalate	ND	167	"								
4-Bromophenyl phenyl ether	ND	167	"								
4-Chloro-3-methylphenol	ND	167	"								
4-Chloroaniline	ND	167	"								
Bis(2-chloroethoxy)methane	ND	167	"								
Bis(2-chloroethyl)ether	ND	167	"								
Bis(2-chloroisopropyl)ether	ND	167	"								
Bis(2-ethylhexyl)phthalate	ND	167	"								
2-Chloronaphthalene	ND	167	"								
4-Chlorophenyl phenyl ether	ND	167	"								
Chrysene	ND	167	"								
Dibenzo(a,h)anthracene	ND	167	"								
Dibenzofuran	ND	167	"								
Di-n-butyl phthalate	ND	167	"								
1,2-Dichlorobenzene	ND	167	"								
1,4-Dichlorobenzene	ND	167	"								
1,3-Dichlorobenzene	ND	167	"								
3,3'-Dichlorobenzidine	ND	167	"								
Diethyl phthalate	ND	167	"								
Dimethyl phthalate	ND	167	"								
2,6-Dinitrotoluene	ND	167	"								
2,4-Dinitrotoluene	ND	167	"								
Di-n-octyl phthalate	ND	167	"								
Fluoranthene	ND	167	"								
Fluorene	ND	167	"								
Hexachlorobenzene	ND	167	"								
Hexachlorobutadiene	ND	167	"								
Hexachlorocyclopentadiene	ND	167	"								
Hexachloroethane	ND	167	"								
Indeno(1,2,3-cd)pyrene	ND	167	"								
Isophorone	ND	167	"								
2-Methylnaphthalene	ND	167	"								
Naphthalene	ND	167	"								
3-Nitroaniline	ND	167	"								
4-Nitroaniline	ND	167	"								
Nitrobenzene	ND	167	"								
N-nitroso-di-n-propylamine	ND	167	"								
N-Nitrosodimethylamine	ND	167	"								
N-Nitrosodiphenylamine	ND	167	"								
Phenanthrene	ND	167	"								
Pyrene	ND	167	"								
Pyridine	ND	167	"								

Semivolatile Organic Compounds by EPA Method 8270C - 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 BF31002 - EPA 3550B											
Blank (BF31002-BLK1)								Prepared: 06/21/2013 Analyzed: 06/25/2013			
1,2,4-Trichlorobenzene	ND	167	ug/kg wet								
Carbazole	ND	167	"								
Surrogate: 2-Fluorobiphenyl	*1160*		*"*	*1670*		*69.1*	*30-130*				
Surrogate: Nitrobenzene-d5	*1260*		*"*	*1660*		*75.9*	*30-130*				
Surrogate: Terphenyl-d14	*1420*		*"*	*1670*		*84.9*	*30-130*				
LCS (BF31002-BS1)								Prepared: 06/21/2013 Analyzed: 06/25/2013			
Acenaphthene	1330	167	ug/kg wet	1670		79.7	31.1-109				
Acenaphthylene	1200	167	"	1670		72.2	31.1-106				
Aniline	1700	167	"	1670		102	5.07-149				
Anthracene	1180	167	"	1670		70.9	31.5-107				
Benzo(a)anthracene	1250	167	"	1670		75.2	31.5-115				
Benzo(a)pyrene	1440	167	"	1670		86.6	29.1-138				
Benzo(b)fluoranthene	1230	167	"	1670		73.8	14.9-131				
Benzo(g,h,i)perylene	1500	167	"	1670		89.8	6.56-121				
Benzo(k)fluoranthene	1360	167	"	1670		81.8	29.1-121				
Benzyl butyl phthalate	1430	167	"	1670		86.0	31.3-112				
4-Bromophenyl phenyl ether	1450	167	"	1670		87.1	25.2-113				
4-Chloro-3-methylphenol	1380	167	"	1670		82.6	29.5-124				
4-Chloroaniline	2540	167	"	1670		153	10-177				
Bis(2-chloroethoxy)methane	1250	167	"	1670		75.1	27.9-111				
Bis(2-chloroethyl)ether	1100	167	"	1670		65.7	18-122				
Bis(2-chloroisopropyl)ether	1290	167	"	1670		77.4	9.62-123				
Bis(2-ethylhexyl)phthalate	1300	167	"	1670		77.8	25-105				
2-Chloronaphthalene	1240	167	"	1670		74.7	31.7-108				
4-Chlorophenyl phenyl ether	1410	167	"	1670		84.4	23.6-110				
Chrysene	1190	167	"	1670		71.1	27.4-117				
Dibenzo(a,h)anthracene	1760	167	"	1670		106	14.6-119				
Dibenzofuran	1270	167	"	1670		76.4	30.2-108				
Di-n-butyl phthalate	1020	167	"	1670		61.3	33.5-100				
1,2-Dichlorobenzene	1280	167	"	1670		76.6	22.8-114				
1,4-Dichlorobenzene	1330	167	"	1670		79.9	19.8-121				
1,3-Dichlorobenzene	1250	167	"	1670		74.9	20.6-119				
3,3'-Dichlorobenzidine	1350	167	"	1670		81.2	10-180				
Diethyl phthalate	1280	167	"	1670		76.7	29.7-111				
Dimethyl phthalate	1370	167	"	1670		82.5	27-118				
2,6-Dinitrotoluene	1350	167	"	1670		81.0	26.1-119				
2,4-Dinitrotoluene	1380	167	"	1670		83.0	21.4-126				
Di-n-octyl phthalate	1310	167	"	1670		78.5	19-129				
Fluoranthene	1130	167	"	1670		67.6	31.3-110				
Fluorene	1390	167	"	1670		83.1	29.9-108				
Hexachlorobenzene	1340	167	"	1670		80.3	31.7-102				
Hexachlorobutadiene	1340	167	"	1670		80.1	10.1-134				
Hexachlorocyclopentadiene	1520	167	"	1670		91.3	10-122				
Hexachloroethane	1210	167	"	1670		72.3	20.2-114				
Indeno(1,2,3-cd)pyrene	1790	167	"	1670		108	12.6-120				
Isophorone	1260	167	"	1670		75.3	27.2-113				
2-Methylnaphthalene	1260	167	"	1670		75.8	17.4-119				
Naphthalene	1160	167	"	1670		69.5	25.2-111				
3-Nitroaniline	3840	167	"	1670		230	9.73-147	High Bias			
4-Nitroaniline	1880	167	"	1670		112	6.42-169				
Nitrobenzene	1230	167	"	1670		73.8	21.8-118				



Semivolatile Organic Compounds by EPA Method 8270C - 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 BF31002 - EPA 3550B											
LCS (BF31002-BS1)								Prepared: 06/21/2013 Analyzed: 06/25/2013			
N-nitroso-di-n-propylamine	1360	167	ug/kg wet	1670		81.8	25.3-118				
N-Nitrosodimethylamine	1210	167	"	1670		72.6	10-142				
N-Nitrosodiphenylamine	1570	167	"	1670		94.2	35.8-132				
Phenanthrene	1220	167	"	1670		73.0	31.2-105				
Pyrene	1240	167	"	1670		74.1	26.3-124				
Pyridine	163	167	"	1670		9.76	10-122	Low Bias			
1,2,4-Trichlorobenzene	1340	167	"	1670		80.7	19.3-128				
Carbazole	3330	167	"	1670		200	40-140	High Bias			
Surrogate: 2-Fluorobiphenyl	*1230*		*"*	*1670*		*73.5*	*30-130*				
Surrogate: Nitrobenzene-d5	*1270*		*"*	*1660*		*76.3*	*30-130*				
Surrogate: Terphenyl-d14	*1330*		*"*	*1670*		*79.9*	*30-130*				
LCS Dup (BF31002-BSD1)								Prepared: 06/21/2013 Analyzed: 06/25/2013			
Acenaphthene	1280	167	ug/kg wet	1670		76.8	31.1-109		3.60	30	
Acenaphthylene	1150	167	"	1670		68.9	31.1-106		4.62	30	
Aniline	1330	167	"	1670		79.7	5.07-149		24.8	30	
Anthracene	1140	167	"	1670		68.3	31.5-107		3.82	30	
Benzo(a)anthracene	1210	167	"	1670		72.5	31.5-115		3.74	30	
Benzo(a)pyrene	1410	167	"	1670		84.5	29.1-138		2.43	30	
Benzo(b)fluoranthene	1490	167	"	1670		89.4	14.9-131		19.2	30	
Benzo(g,h,i)perylene	1440	167	"	1670		86.5	6.56-121		3.72	30	
Benzo(k)fluoranthene	1300	167	"	1670		78.2	29.1-121		4.55	30	
Benzyl butyl phthalate	1260	167	"	1670		75.7	31.3-112		12.7	30	
4-Bromophenyl phenyl ether	1380	167	"	1670		82.6	25.2-113		5.37	30	
4-Chloro-3-methylphenol	1310	167	"	1670		78.6	29.5-124		5.06	30	
4-Chloroaniline	2440	167	"	1670		146	10-177		4.28	30	
Bis(2-chloroethoxy)methane	1220	167	"	1670		73.3	27.9-111		2.48	30	
Bis(2-chloroethyl)ether	568	167	"	1670		34.1	18-122		63.5	30	Non-dir.
Bis(2-chloroisopropyl)ether	1160	167	"	1670		69.5	9.62-123		10.7	30	
Bis(2-ethylhexyl)phthalate	1180	167	"	1670		70.8	25-105		9.42	30	
2-Chloronaphthalene	1210	167	"	1670		72.7	31.7-108		2.77	30	
4-Chlorophenyl phenyl ether	1350	167	"	1670		81.0	23.6-110		4.11	30	
Chrysene	1140	167	"	1670		68.2	27.4-117		4.28	30	
Dibenzo(a,h)anthracene	1500	167	"	1670		90.3	14.6-119		15.9	30	
Dibenzofuran	1210	167	"	1670		72.4	30.2-108		5.32	30	
Di-n-butyl phthalate	1030	167	"	1670		62.0	33.5-100		1.04	30	
1,2-Dichlorobenzene	1270	167	"	1670		76.3	22.8-114		0.471	30	
1,4-Dichlorobenzene	1240	167	"	1670		74.3	19.8-121		7.29	30	
1,3-Dichlorobenzene	1270	167	"	1670		76.5	20.6-119		2.14	30	
3,3'-Dichlorobenzidine	1300	167	"	1670		78.1	10-180		3.89	30	
Diethyl phthalate	1200	167	"	1670		72.1	29.7-111		6.13	30	
Dimethyl phthalate	1280	167	"	1670		76.9	27-118		6.95	30	
2,6-Dinitrotoluene	1360	167	"	1670		81.9	26.1-119		1.11	30	
2,4-Dinitrotoluene	1360	167	"	1670		81.6	21.4-126		1.75	30	
Di-n-octyl phthalate	1130	167	"	1670		67.5	19-129		15.0	30	
Fluoranthene	1170	167	"	1670		70.4	31.3-110		4.03	30	
Fluorene	1300	167	"	1670		78.1	29.9-108		6.28	30	
Hexachlorobenzene	1250	167	"	1670		75.0	31.7-102		6.88	30	
Hexachlorobutadiene	1340	167	"	1670		80.5	10.1-134		0.473	30	
Hexachlorocyclopentadiene	1500	167	"	1670		90.0	10-122		1.41	30	
Hexachloroethane	1180	167	"	1670		70.9	20.2-114		1.95	30	
Indeno(1,2,3-cd)pyrene	1530	167	"	1670		91.8	12.6-120		15.7	30	

Semivolatile Organic Compounds by EPA Method 8270C - 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 BF31002 - EPA 3550B											
LCS Dup (BF31002-BSD1)								Prepared: 06/21/2013 Analyzed: 06/25/2013			
Isophorone	1210	167	ug/kg wet	1670		72.3	27.2-113		4.04	30	
2-Methylnaphthalene	1210	167	"	1670		72.5	17.4-119		4.45	30	
Naphthalene	1140	167	"	1670		68.3	25.2-111		1.77	30	
3-Nitroaniline	3650	167	"	1670		219	9.73-147	High Bias	4.93	30	
4-Nitroaniline	2000	167	"	1670		120	6.42-169		6.65	30	
Nitrobenzene	1170	167	"	1670		70.0	21.8-118		5.37	30	
N-nitroso-di-n-propylamine	1230	167	"	1670		74.1	25.3-118		9.95	30	
N-Nitrosodimethylamine	1040	167	"	1670		62.2	10-142		15.5	30	
N-Nitrosodiphenylamine	1700	167	"	1670		102	35.8-132		7.77	30	
Phenanthrene	1170	167	"	1670		70.1	31.2-105		4.08	30	
Pyrene	1180	167	"	1670		70.7	26.3-124		4.75	30	
Pyridine	ND	167	"	1670			10-122	Low Bias		30	
1,2,4-Trichlorobenzene	1300	167	"	1670		77.8	19.3-128		3.66	30	
Carbazole	3200	167	"	1670		192	40-140	High Bias	3.93	30	
Surrogate: 2-Fluorobiphenyl	*1180*		*"*	*1670*		*70.7*	*30-130*				
Surrogate: Nitrobenzene-d5	*1230*		*"*	*1660*		*73.9*	*30-130*				
Surrogate: Terphenyl-d14	*1310*		*"*	*1670*		*78.4*	*30-130*				
Matrix Spike (BF31002-MS1)	*Source sample: 13F0697-01 (DW-1 @ 11.5')							Prepared: 06/21/2013 Analyzed: 06/25/2013			
Acenaphthene	ND	2190	ug/kg dry	2190	ND		31.1-109	Low Bias			
Acenaphthylene	ND	2190	"	2190	ND		31.1-106	Low Bias			
Aniline	ND	2190	"	2190	ND		40-140	Low Bias			
Anthracene	ND	2190	"	2190	ND		31.5-107	Low Bias			
Benzo(a)anthracene	ND	2190	"	2190	ND		31.5-115	Low Bias			
Benzo(a)pyrene	ND	2190	"	2190	ND		29.1-138	Low Bias			
Benzo(b)fluoranthene	ND	2190	"	2190	ND		14.9-131	Low Bias			
Benzo(g,h,i)perylene	ND	2190	"	2190	ND		6.56-121	Low Bias			
Benzo(k)fluoranthene	ND	2190	"	2190	ND		29.1-121	Low Bias			
Benzyl butyl phthalate	ND	2190	"	2190	ND		31.3-112	Low Bias			
4-Bromophenyl phenyl ether	ND	2190	"	2190	ND		25.2-113	Low Bias			
4-Chloro-3-methylphenol	ND	2190	"	2190	ND		29.5-124	Low Bias			
4-Chloroaniline	ND	2190	"	2190	ND		10-177	Low Bias			
Bis(2-chloroethoxy)methane	ND	2190	"	2190	ND		27.9-111	Low Bias			
Bis(2-chloroethyl)ether	ND	2190	"	2190	ND		18-122	Low Bias			
Bis(2-chloroisopropyl)ether	ND	2190	"	2190	ND		9.62-123	Low Bias			
Bis(2-ethylhexyl)phthalate	2640	2190	"	2190	2820	NR	25-105	Low Bias			
2-Chloronaphthalene	ND	2190	"	2190	ND		31.7-108	Low Bias			
4-Chlorophenyl phenyl ether	ND	2190	"	2190	ND		23.6-110	Low Bias			
Chrysene	ND	2190	"	2190	ND		27.4-117	Low Bias			
Dibenzo(a,h)anthracene	ND	2190	"	2190	ND		14.6-119	Low Bias			
Dibenzofuran	ND	2190	"	2190	ND		30.2-108	Low Bias			
Di-n-butyl phthalate	ND	2190	"	2190	ND		33.5-100	Low Bias			
1,2-Dichlorobenzene	ND	2190	"	2190	ND		22.8-114	Low Bias			
1,4-Dichlorobenzene	ND	2190	"	2190	ND		19.8-121	Low Bias			
1,3-Dichlorobenzene	ND	2190	"	2190	ND		20.6-119	Low Bias			
3,3'-Dichlorobenzidine	ND	2190	"	2190	ND		10-180	Low Bias			
Diethyl phthalate	ND	2190	"	2190	ND		29.7-111	Low Bias			
Dimethyl phthalate	ND	2190	"	2190	ND		27-118	Low Bias			
2,6-Dinitrotoluene	ND	2190	"	2190	ND		26.1-119	Low Bias			
2,4-Dinitrotoluene	ND	2190	"	2190	ND		21.4-126	Low Bias			
Di-n-octyl phthalate	ND	2190	"	2190	ND		19-129	Low Bias			
Fluoranthene	ND	2190	"	2190	ND		31.3-110	Low Bias			

Semivolatile Organic Compounds by EPA Method 8270C - 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 BF31002 - EPA 3550B											
Matrix Spike (BF31002-MS1)	*Source sample: 13F0697-01 (DW-1 @ 11.5')							Prepared: 06/21/2013 Analyzed: 06/25/2013			
Fluorene	ND	2190	ug/kg dry	2190	ND		29.9-108	Low Bias			
Hexachlorobenzene	ND	2190	"	2190	ND		31.7-102	Low Bias			
Hexachlorobutadiene	ND	2190	"	2190	ND		10.1-134	Low Bias			
Hexachlorocyclopentadiene	ND	2190	"	2190	ND		10-122	Low Bias			
Hexachloroethane	ND	2190	"	2190	ND		20.2-114	Low Bias			
Indeno(1,2,3-cd)pyrene	ND	2190	"	2190	ND		12.6-120	Low Bias			
Isophorone	ND	2190	"	2190	ND		27.2-113	Low Bias			
2-Methylnaphthalene	ND	2190	"	2190	ND		17.4-119	Low Bias			
Naphthalene	ND	2190	"	2190	ND		25.2-111	Low Bias			
3-Nitroaniline	ND	2190	"	2190	ND		9.73-147	Low Bias			
4-Nitroaniline	ND	2190	"	2190	ND		6.42-169	Low Bias			
Nitrobenzene	ND	2190	"	2190	ND		21.8-118	Low Bias			
N-nitroso-di-n-propylamine	ND	2190	"	2190	ND		25.3-118	Low Bias			
N-Nitrosodimethylamine	ND	2190	"	2190	ND		40-140	Low Bias			
N-Nitrosodiphenylamine	ND	2190	"	2190	ND		35.8-132	Low Bias			
Phenanthrene	ND	2190	"	2190	ND		31.2-105	Low Bias			
Pyrene	ND	2190	"	2190	ND		26.3-124	Low Bias			
Pyridine	ND	2190	"	2190	ND		40-140	Low Bias			
1,2,4-Trichlorobenzene	ND	2190	"	2190	ND		19.3-128	Low Bias			
Carbazole	ND	2190	"	2190	ND		40-140	Low Bias			
Surrogate: 2-Fluorobiphenyl	*504*		*"*	*2200*		*22.9*	*30-130*				
Surrogate: Nitrobenzene-d5	*456*		*"*	*2190*		*20.8*	*30-130*				
Surrogate: Terphenyl-d14	*561*		*"*	*2190*		*25.6*	*30-130*				

Metals by EPA 6000 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 BF31080 - EPA 3050B											
Blank (BF31080-BLK1)									Prepared & Analyzed: 06/24/2013		
Antimony	ND	0.500	mg/kg wet								
Arsenic	ND	1.00	"								
Beryllium	ND	0.100	"								
Cadmium	ND	0.500	"								
Chromium	ND	0.500	"								
Copper	ND	0.500	"								
Lead	ND	0.300	"								
Nickel	ND	0.500	"								
Selenium	ND	0.500	"								
Silver	ND	0.500	"								
Thallium	ND	0.500	"								
Zinc	ND	0.500	"								
Duplicate (BF31080-DUP1)	*Source sample: 13F0697-01 (DW-1 @ 11.5')								Prepared & Analyzed: 06/24/2013		
Antimony	7.76	0.658	mg/kg dry		7.76				0.000504	35	
Arsenic	3.46	1.32	"		3.42				1.21	35	
Beryllium	ND	0.132	"		ND					35	
Cadmium	0.932	0.658	"		0.929				0.366	35	
Chromium	13.7	0.658	"		13.8				0.766	35	
Copper	112	0.658	"		114				1.08	35	
Lead	270	0.395	"		271				0.351	35	
Nickel	12.2	0.658	"		12.3				0.760	35	
Selenium	2.10	0.658	"		1.82				14.4	35	
Silver	ND	0.658	"		ND					35	
Thallium	ND	0.658	"		ND					35	
Zinc	161	0.658	"		162				0.424	35	
Matrix Spike (BF31080-MS1)	*Source sample: 13F0697-01 (DW-1 @ 11.5')								Prepared & Analyzed: 06/24/2013		
Antimony	40.4	0.658	mg/kg dry	32.9	7.76	99.1	75-125				
Arsenic	266	1.32	"	263	3.42	99.7	75-125				
Beryllium	5.85	0.132	"	6.58	ND	88.9	75-125				
Cadmium	7.39	0.658	"	6.58	0.929	98.2	75-125				
Chromium	40.9	0.658	"	26.3	13.8	103	75-125				
Copper	145	0.658	"	32.9	114	94.0	75-125				
Lead	340	0.395	"	65.8	271	105	75-125				
Nickel	80.0	0.658	"	65.8	12.3	103	75-125				
Silver	5.28	0.658	"	6.58	ND	80.3	75-125				
Thallium	271	0.658	"	263	ND	103	75-125				
Zinc	220	0.658	"	65.8	162	88.3	75-125				

Metals by EPA 6000 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 BF31080 - EPA 3050B											
Reference (BF31080-SRM1)								Prepared & Analyzed: 06/24/2013			
Antimony	125	0.500	mg/kg wet	92.9		134	24.8-272				
Arsenic	88.4	1.00	"	94.5		93.6	69.2-131				
Beryllium	49.6	0.100	"	52.6		94.2	73-127				
Cadmium	53.3	0.500	"	59.9		88.9	73.1-127				
Chromium	64.6	0.500	"	69.3		93.3	68.4-132				
Copper	75.8	0.500	"	78.0		97.2	73.6-126				
Lead	84.1	0.300	"	91.7		91.7	70.2-130				
Nickel	59.6	0.500	"	56.6		105	70-130				
Selenium	152	0.500	"	159		95.6	67.9-133				
Silver	28.9	0.500	"	33.9		85.2	65.5-135				
Thallium	109	0.500	"	119		91.8	67.6-133				
Zinc	124	0.500	"	137		90.5	67.4-133				

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 BF31086 - EPA 7473 soil											
Blank (BF31086-BLK1)								Prepared & Analyzed: 06/24/2013			
Mercury	ND	0.000390	mg/kg wet								
Duplicate (BF31086-DUP1)	*Source sample: 13F0697-01 (DW-1 @ 11.5')							Prepared & Analyzed: 06/24/2013			
Mercury	0.111	0.000513	mg/kg dry		0.115				3.37	35	
Matrix Spike (BF31086-MS1)	*Source sample: 13F0697-01 (DW-1 @ 11.5')							Prepared: 06/24/2013 Analyzed: 06/25/2013			
Mercury	0.740		mg/kg	0.500	0.0875	130	75-125	High Bias			
Reference (BF31086-SRM1)								Prepared & Analyzed: 06/24/2013			
Mercury	4.13		mg/kg	3.73		111	68.6-131				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13F0697-02	DW-1 @ 16.5'	2 oz. WM Clear Glass Cool to 4° C
13F0697-04	DW-2 @ 16.5'	2 oz. WM Clear Glass Cool to 4° C
13F0697-07	GW-2 GW	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0697-08	MW-20-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0697-09	MW-20-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0697-10	MW-20-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0697-11	MW-20-8	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0697-12	MW-1S	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0697-13	MW-1D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0697-14	MW-2S	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0697-15	MW-2D	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0697-16	Equipment Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0697-17	TripBlank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0697-18	Rinsate Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0697-19	GW-DUP	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interferences.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-LSRD	Original sample conc <50 X reporting limit.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, 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.

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

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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 MDL, with values between the MDL and the RL being "J" flagged as estimated results.

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

Field Chain-of-Custody Record

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

York Project No. 13F0697

YOUR Information

Company: Laurel Env Assoc
Address: 53 West Hills Rd Huntington Station
Phone No. (631) 673-0612
Contact Person: Scott
E-Mail Address:

Report To:

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

Invoice To:

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

YOUR Project ID

20 West Centennial

Purchase Order No.

12-260

Samples from: CT ___ NY X NJ ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☒

Report Type

- Summary Report ___
- Summary w/ QA Summary ___
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package X
- NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD)

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

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

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

Brian M'Cabe
Samples Collected/Authorized By (Signature)

Brian M'Cabe
Name (printed)

Matrix Codes

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

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
DW-1 @ 11.5'	6/18/13 2:30	S	EPA 8270 BN only & PP metals	1 X 8 oz
DW-1 @ 16.5'	6/18/13 2:30		USEPA 8260	1 X 4 oz
DW-2 @ 14.'	6/18/13 11:00		EPA 8270 BN only & PP Metals	1 X 8 oz
DW-2 @ 16.5'	6/18/13 11:00		USEPA 8260	1 X 4 oz
DW-3 @ 17'	6/18/13 10:30		EPA 8270 BN only & PP Metals	1 X 8 oz
DW-Dup	6/18/13 N/A		EPA 8270 BN only & PP Metals	1 X 8 oz

Comments
Run MS and MSD from DW-1 @ 11.5'

Preservation Check those Applicable
4°C ___ Frozen ___ HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Brian M'Cabe 6/18/13
Samples Relinquished By — Date/Time

Samples Relinquished By — Date/Time

I A Barker 6/20/13 1120 AM
Samples Received By — Date/Time

Grace 6-20-13 1800
Samples Received in LAB by — Date/Time

Temperature on Receipt 4.5 °C

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

Field Chain-of-Custody Record

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

York Project No. 13E0697

YOUR Information	**Report To:**	**Invoice To:**
Company: Laurel Env Assoc	Company: Scott	Company: Kathy
Address: 53 West Hills Rd Huntington Station NY	Address:	Address:
Phone No: (631) 673-0612	Phone No.	Phone No.
Contact Person:	Attention:	Attention:
E-Mail Address:	E-Mail Address:	E-Mail Address:

YOUR Project ID: 20 West Centennial

Purchase Order No.: 12-260

Samples from: CT ___ NY X NJ ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☒

Report Type

- Summary Report ___
- Summary w/ QA Summary ___
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package X
- NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD)

- Simple Excel ___
- NYSDEC EQuIS X
- EQuIS (std) ~~X~~ BM
- EZ-EDD (EQuIS) ~~X~~ BM
- NJDEP SRP HazSite EDD ___
- GIS/KEY (std) ___
- Other ___
- **York Regulatory Comparison**
- **Excel Spreadsheet**

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

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

Brian McCabe
Samples Collected/Authorized By (Signature)

Brian McCabe
Name (printed)

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

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
GW-2 GW	6/18/13 9:20	GW	USEPA 8260	2X40 ml VOA
MW-20-3	12:00			
MW-20-4	1:10			
MW-20-7	4:30			
MW-20-8	12:59			
MW-1S	3:00			
MW-1D	3:30			
MW-2S	2:00			
MW-2D	2:30			
Equipment Blank	8:30			1X40 ml VOA

Comments

Preservation Check those Applicable: 4°C ___ Frozen ___ HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions

Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By — Date/Time: 6/18/13

Samples Relinquished By — Date/Time:

Samples Received By — Date/Time: K Barker 6/20/13 1120 AM

Samples Received in LAB by — Date/Time: Bruce 6-20-13 1800

Temperature on Receipt: ~~4.5~~ 4.5 °C

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

Field Chain-of-Custody Record

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

York Project No. 13F0697

YOUR Information	**Report To:**	**Invoice To:**
Company: Laurel Env Asso	Company: Scott	Company: Kathy
Address: 53 West Hill Rd Huntington Station	Address:	Address:
Phone No. (631) 673-0612	Phone No.	Phone No.
Contact Person:	Attention:	Attention:
E-Mail Address:	E-Mail Address:	E-Mail Address:

YOUR Project ID: 20 West Centennial

Purchase Order No.: 12-260

Samples from: CT ___ NY X NJ ___

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

Report Type
- Summary Report ___
- Summary w/ QA Summary ___
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package X
- NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD)
- Simple Excel ___
- NYSDEC EQuIS X
- EQuIS (std) ___
- EZ-EDD (EQuIS) ___
- NJDEP SRP HazSite EDD ___
- GIS/KEY (std) ___
- Other ___
- **York Regulatory Comparison Excel Spreadsheet**

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

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

Samples Collected/Authorized By (Signature)

Brian M'Cabe
Name (printed)

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

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
Trip Blank	6/18/13 N/A	GW	US EPA 8260	2x40ml VOA
Rinsate Blank	8:30			3x40 ml VOA
GW-DUP	N/A			2x40 ml VOA

Comments
Run MS and MSD from Rinsate Blank

Preservation Check those Applicable
4°C ___ Frozen ___ HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
		Grace 6-20-13 1800	
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time

Temperature on Receipt 4.5 °C

APPENDIX B

Part 375-6.8(a) Unrestricted Soil Cleanup Objectives

Table 11-1. Final Unrestricted Use SCOs as Presented in 6 NYCRR Part 375-6.8(a).

Unrestricted Use Soil Cleanup Objectives		
Contaminant	**CAS Number**	**Unrestricted Use**
Metals		
Arsenic	7440-38-2	13[c]
Barium	7440-39-3	350[c]
Beryllium	7440-41-7	7.2
Cadmium	7440-43-9	2.5[c]
Chromium, hexavalent[e]	18540-29-9	1[b]
Chromium, trivalent[e]	16065-83-1	30[c]
Copper	7440-50-8	50
Total Cyanide[e,f]		27
Lead	7439-92-1	63[c]
Manganese	7439-96-5	1600[c]
Total Mercury		0.18[c]
Nickel	7440-02-0	30
Selenium	7782-49-2	3.9[c]
Silver	7440-22-4	2
Zinc	7440-66-6	109[c]
PCBs/Pesticides		
2,4,5-TP Acid (Silvex)[f]	93-72-1	3.8
4,4’-DDE	72-55-9	0.0033[b]
4,4’-DDT	50-29-3	0.0033[b]
4,4'-DDD	72-54-8	0.0033[b]
Aldrin	309-00-2	0.005[c]
alpha-BHC	319-84-6	0.02
beta-BHC	319-85-7	0.036

Unrestricted Use Soil Cleanup Objectives		
Contaminant	**CAS Number**	**Unrestricted Use**
Chlordane (alpha)	5103-71-9	0.094
delta-BHC	319-86-8	0.04
Dibenzofuran[f]	132-64-9	7
Dieldrin	60-57-1	0.005[c]
Endosulfan I[d,f]	959-98-8	2.4
Endosulfan II[d,f]	33213-65-9	2.4
Endosulfan sulfate[d,f]	1031-07-8	2.4
Endrin	72-20-8	0.014
Heptachlor	76-44-8	0.042
Lindane	58-89-9	0.1
Polychlorinated biphenyls	1336-36-3	0.1
Semivolatile organic compounds		
Acenaphthene	83-32-9	20
Acenapthylene[f]	208-96-8	100[a]
Anthracene[f]	120-12-7	100[a]
Benz(a)anthracene[f]	56-55-3	1[c]
Benzo(a)pyrene	50-32-8	1[c]
Benzo(b)fluoranthene[f]	205-99-2	1[c]
Benzo(g,h,i)perylene[f]	191-24-2	100
Benzo(k)fluoranthene[f]	207-08-9	0.8[c]
Chrysene[f]	218-01-9	1[c]
Dibenz(a,h)anthracene[f]	53-70-3	0.33[b]
Fluoranthene[f]	206-44-0	100[a]
Fluorene	86-73-7	30
Indeno(1,2,3-cd)pyrene[f]	193-39-5	0.5[c]
m-Cresol[f]	108-39-4	0.33[b]

Unrestricted Use Soil Cleanup Objectives		
Contaminant	**CAS Number**	**Unrestricted Use**
Naphthalene[f]	91-20-3	12
o-Cresol[f]	95-48-7	0.33[b]
p-Cresol[f]	106-44-5	0.33[b]
Pentachlorophenol	87-86-5	0.8[b]
Phenanthrene[f]	85-01-8	100
Phenol	108-95-2	0.33[b]
Pyrene[f]	129-00-0	100
Volatile organic compounds		
1,1,1-Trichloroethane[f]	71-55-6	0.68
1,1-Dichloroethane[f]	75-34-3	0.27
1,1-Dichloroethene[f]	75-35-4	0.33
1,2-Dichlorobenzene[f]	95-50-1	1.1
1,2-Dichloroethane	107-06-2	0.02[c]
cis-1,2-Dichloroethene[f]	156-59-2	0.25
trans-1,2-Dichloroethene[f]	156-60-5	0.19
1,3-Dichlorobenzene[f]	541-73-1	2.4
1,4-Dichlorobenzene	106-46-7	1.8
1,4-Dioxane	123-91-1	0.1[b]
Acetone	67-64-1	0.05
Benzene	71-43-2	0.06
n-Butylbenzene[f]	104-51-8	12
Carbon tetrachloride[f]	56-23-5	0.76
Chlorobenzene	108-90-7	1.1
Chloroform	67-66-3	0.37
Ethylbenzene[f]	100-41-4	1
Hexachlorobenzene[f]	118-74-1	0.33[b]

Unrestricted Use Soil Cleanup Objectives		
Contaminant	**CAS Number**	**Unrestricted Use**
Methyl ethyl ketone	78-93-3	0.12
Methyl tert-butyl ether[f]	1634-04-4	0.93
Methylene chloride	75-09-2	0.05
n-Propylbenzene[f]	103-65-1	3.9
sec-Butylbenzene[f]	135-98-8	11
tert-Butylbenzene[f]	98-06-6	5.9
Tetrachloroethene	127-18-4	1.3
Toluene	108-88-3	0.7
Trichloroethene	79-01-6	0.47
1,2,4-Trimethylbenzene[f]	95-63-6	3.6
1,3,5-Trimethylbenzene[f]	108-67-8	8.4
Vinyl chloride[f]	75-01-4	0.02
Xylene (mixed)	1330-20-7	0.26

All Soil clean up objectives (SCOs) are in parts per million (ppm).
Footnotes:
[a] The SCOs for unrestricted use were capped at a maximum value of 100 ppm, as discussed in the TSD.
[b] For constituents where the calculated SCO was lower than the Contract Required Quantitation Limit (CRQL), the CRQL is used as the Track 1 SCO value.
[c] For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the DEC/DOH rural soil survey, the rural soil background concentration is used as the Track 1 SCO value for this use of the site.
[d] SCO is the sum of Endosulfan I, Endosulfan II and Endosulfan Sulfate.
[e] The SCO for this specific compound (or family of compounds) is considered to be met if the analysis for the total species of this contaminant is below the specific SCO.
[f] Protection of ecological resources soil cleanup objectives were not developed for contaminants identified in Table 375-6.7(b) with "NS". Where such contaminants appear in Table 375-6.7(a), the applicant may be required by the Department to calculate a protection of ecological resources soil cleanup objective according to the Technical Support Document.

Table 11-2. Final Restricted Use SCOs as Presented in 6 NYCRR Part 375-6.8(b).

Restricted Use Soil Cleanup Objectives							
		Protection of Public Health				Protection of Ecological Resources	Protection of Ground-water
Contaminant	CAS Number	Residential	Restricted-Residential	Commercial	Industrial		
Metals							
Arsenic	7440-38-2	16[f]	16[f]	16[f]	16[f]	13[f]	16[f]
Barium	7440-39-3	350[f]	400	400	10,000[d]	433	820
Beryllium	7440-41-7	14	72	590	2,700	10	47
Cadmium	7440-43-9	2.5[f]	4.3	9.3	60	4	7.5
Chromium, hexavalent[h]	18540-29-9	22	110	400	800	1[e]	19
Chromium, trivalent[h]	16065-83-1	36	180	1,500	6,800	41	NS
Copper	7440-50-8	270	270	270	10,000[d]	50	1,720
Total Cyanide[h]		27	27	27	10,000[d]	NS	40
Lead	7439-92-1	400	400	1,000	3,900	63[f]	450
Manganese	7439-96-5	2,000[f]	2,000[f]	10,000[d]	10,000[d]	1600[f]	2,000[f]
Total Mercury		0.81[j]	0.81[j]	2.8[j]	5.7[j]	0.18[f]	0.73
Nickel	7440-02-0	140	310	310	10,000[d]	30	130
Selenium	7782-49-2	36	180	1,500	6,800	3.9[f]	4[f]
Silver	7440-22-4	36	180	1,500	6,800	2	8.3
Zinc	7440-66-6	2200	10,000[d]	10,000[d]	10,000[d]	109[f]	2,480
PCBs/Pesticides							
2,4,5-TP Acid (Silvex)	93-72-1	58	100[a]	500[b]	1,000[c]	NS	3.8
4,4’-DDE	72-55-9	1.8	8.9	62	120	0.0033 [e l]	17
4,4’-DDT	50-29-3	1.7	7.9	47	94	0.0033 [e l]	136
4,4'-DDD	72-54-8	2.6	13	92	180	0.0033 [e l]	14

Restricted Use Soil Cleanup Objectives							
		Protection of Public Health				Protection of Ecological Resources	Protection of Ground-water
Contaminant	CAS Number	Residential	Restricted-Residential	Commercial	Industrial		
Aldrin	309-00-2	0.019	0.097	0.68	1.4	0.14	0.19
alpha-BHC	319-84-6	0.097	0.48	3.4	6.8	0.04[k]	0.02
beta-BHC	319-85-7	0.072	0.36	3	14	0.6	0.09
Chlordane (alpha)	5103-71-9	0.91	4.2	24	47	1.3	2.9
delta-BHC	319-86-8	100[a]	100[a]	500[b]	1,000[c]	0.04[k]	0.25
Dibenzofuran	132-64-9	14	59	350	1,000[c]	NS	210
Dieldrin	60-57-1	0.039	0.2	1.4	2.8	0.006	0.1
Endosulfan I	959-98-8	4.8[i]	24[i]	200[i]	920[i]	NS	102
Endosulfan II	33213-65-9	4.8[i]	24[i]	200[i]	920[i]	NS	102
Endosulfan sulfate	1031-07-8	4.8[i]	24[i]	200[i]	920[i]	NS	1,000[c]
Endrin	72-20-8	2.2	11	89	410	0.014	0.06
Heptachlor	76-44-8	0.42	2.1	15	29	0.14	0.38
Lindane	58-89-9	0.28	1.3	9.2	23	6	0.1
Polychlorinated biphenyls	1336-36-3	1	1	1	25	1	3.2
Semivolatiles							
Acenaphthene	83-32-9	100[a]	100[a]	500[b]	1,000[c]	20	98
Acenapthylene	208-96-8	100[a]	100[a]	500[b]	1,000[c]	NS	107
Anthracene	120-12-7	100[a]	100[a]	500[b]	1,000[c]	NS	1,000[c]
Benz(a)anthracene	56-55-3	1[f]	1[f]	5.6	11	NS	1[f]
Benzo(a)pyrene	50-32-8	1[f]	1[f]	1[f]	1.1	2.6	22
Benzo(b)fluoranthene	205-99-2	1[f]	1[f]	5.6	11	NS	1.7
Benzo(g,h,i)perylene	191-24-2	100[a]	100[a]	500[b]	1,000[c]	NS	1,000[c]
Benzo(k)fluoranthene	207-08-9	1	3.9	56	110	NS	1.7

Restricted Use Soil Cleanup Objectives							
Contaminant	CAS Number	Protection of Public Health				Protection of Ecological Resources	Protection of Ground-water
		Residential	Restricted-Residential	Commercial	Industrial		
Chrysene	218-01-9	1[f]	3.9	56	110	NS	1[f]
Dibenz(a,h)anthracene	53-70-3	0.33[e]	0.33[e]	0.56	1.1	NS	1,000[c]
Fluoranthene	206-44-0	100[a]	100[a]	500[b]	1,000[c]	NS	1,000[c]
Fluorene	86-73-7	100[a]	100[a]	500[b]	1,000[c]	30	386
Indeno(1,2,3-cd)pyrene	193-39-5	0.5[f]	0.5[f]	5.6	11	NS	8.2
m-Cresol	108-39-4	100[a]	100[a]	500[b]	1,000[c]	NS	0.33[e]
Naphthalene	91-20-3	100[a]	100[a]	500[b]	1,000[c]	NS	12
o-Cresol	95-48-7	100[a]	100[a]	500[b]	1,000[c]	NS	0.33[e]
p-Cresol	106-44-5	34	100[a]	500[b]	1,000[c]	NS	0.33[e]
Pentachlorophenol	87-86-5	2.4	6.7	6.7	55	0.8[e]	0.8[e]
Phenanthrene	85-01-8	100[a]	100[a]	500[b]	1,000[c]	NS	1,000[c]
Phenol	108-95-2	100[a]	100[a]	500[b]	1,000[c]	30	0.33[e]
Pyrene	129-00-0	100[a]	100[a]	500[b]	1,000[c]	NS	1,000[c]
Volatiles							
1,1,1-Trichloroethane	71-55-6	100[a]	100[a]	500[b]	1,000[c]	NS	0.68
1,1-Dichloroethane	75-34-3	19	26	240	480	NS	0.27
1,1-Dichloroethene	75-35-4	100[a]	100[a]	500[b]	1,000[c]	NS	0.33
1,2-Dichlorobenzene	95-50-1	100[a]	100[a]	500[b]	1,000[c]	NS	1.1
1,2-Dichloroethane	107-06-2	2.3	3.1	30	60	10	0.02[f]
cis-1,2-Dichloroethene	156-59-2	59	100[a]	500[b]	1,000[c]	NS	0.25
trans-1,2-Dichloroethene	156-60-5	100[a]	100[a]	500[b]	1,000[c]	NS	0.19
1,3-Dichlorobenzene	541-73-1	17	49	280	560	NS	2.4

Restricted Use Soil Cleanup Objectives							
		Protection of Public Health				Protection of Ecological Resources	Protection of Ground-water
Contaminant	CAS Number	Residential	Restricted-Residential	Commercial	Industrial		
1,4-Dichlorobenzene	106-46-7	9.8	13	130	250	20	1.8
1,4-Dioxane	123-91-1	9.8	13	130	250	0.1[e]	0.1[e]
Acetone	67-64-1	100[a]	100[b]	500[b]	1,000[c]	2.2	0.05
Benzene	71-43-2	2.9	4.8	44	89	70	0.06
n-Butylbenzene	104-51-8	100[a]	100[a]	500[b]	1,000[c]	NS	12
Carbon tetrachloride	56-23-5	1.4	2.4	22	44	NS	0.76
Chlorobenzene	108-90-7	100[a]	100[a]	500[b]	1,000[c]	40	1.1
Chloroform	67-66-3	10	49	350	700	12	0.37
Ethylbenzene	100-41-4	30	41	390	780	NS	1
Hexachlorobenzene	118-74-1	0.33[e]	1.2	6	12	NS	3.2
Methyl ethyl ketone	78-93-3	100[a]	100[a]	500[b]	1,000[c]	100[a]	0.12
Methyl tert-butyl ether	1634-04-4	62	100[a]	500[b]	1,000[c]	NS	0.93
Methylene chloride	75-09-2	51	100[a]	500[b]	1,000[c]	12	0.05
n-Propylbenzene	103-65-1	100[a]	100[a]	500[b]	1,000[c]	NS	3.9
sec-Butylbenzene	135-98-8	100[a]	100[a]	500[b]	1,000[c]	NS	11
tert-Butylbenzene	98-06-6	100[a]	100[a]	500[b]	1,000[c]	NS	5.9
Tetrachloroethene	127-18-4	5.5	19	150	300	2	1.3
Toluene	108-88-3	100[a]	100[a]	500[b]	1,000[c]	36	0.7
Trichloroethene	79-01-6	10	21	200	400	2	0.47
1,2,4-Trimethylbenzene	95-63-6	47	52	190	380	NS	3.6
1,3,5-Trimethylbenzene	108-67-8	47	52	190	380	NS	8.4
Vinyl chloride	75-01-4	0.21	0.9	13	27	NS	0.02
Xylene (mixed)	1330-20-7	100[a]	100[a]	500[b]	1,000[c]	0.26	1.6

All Soil clean up objectives (SCOs) are in parts per million (ppm).
NS=Not specified. See Technical Support Document (TSD).
Footnotes:
[a] The SCOs for residential, restricted-residential and ecological resources use were capped at a maximum value of 100 ppm, see TSD Section 9.3.
[b] The SCOs for commercial use were capped at a maximum value of 500 ppm, see TSD Section 9.3.
[c] The SCOs for industrial use and the protection of groundwater were capped at a maximum value of 1000 ppm, see TSD Section 9.3.
[d] The SCOs for metals were capped at a maximum value of 10,000 ppm, see TSD Section 9.3.
[e] For constituents where the calculated SCO was lower than the Contract Required Quantitation Limit (CRQL), the CRQL is used as the SCO value.
[f] For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the DEC/DOH rural soil survey, the rural soil background concentration is used as the Track 2 SCO value for this use of the site.
[g] SCO is the sum of DDD, DDE and DDT.
[h] The SCO for this specific compound (or family of compounds) is considered to be met if the analysis for the total species of this contaminant is below the specific SCO.
[i] This SCO is for the sum of Endosulfan I, Endosulfan II and Endosulfan Sulfate.
[j] This SCO is the lower of the values for mercury (elemental) or mercury (inorganic salts), see TSD table 5.6-1.
[k] This SCO is derived from data on mixed isomers of BHC.
[l] This SCO is for the sum of DDD, DDE and DDT.

APPENDIX C

Personnel Qualifications

SCOTT A. YANUCK, C.E.I., C.E.S.

EDUCATION: STATE UNIVERSITY OF NEW YORK AT STONY BROOK
B.A., Earth and Space Sciences, December, 1987, Minor in Technology and Society.
M.Sc., Hydrogeology, May, 1993.Course work included classes in Geophysics, Chemical Hydrogeology, Organic Contaminant Hydrology, and Computer Modeling.

EXPERIENCE:

PRINCIPAL, MANAGING HYDROGEOLOGIST
LAUREL Environmental Associates, Ltd.

- Supervise all technical and financial operations of environmental consulting firm.
- Completed OSHA 40 Hour HAZWOPER Supervisors course, 8 Hour Refresher Courses.
- Geoprobe Systems Training on Direct Push Techniques including well installation and pump tests
- Completed ASTM Environmental Site Assessment training course for professionals.
- Completed NJDEPE UST Certification Program.
- Completed Mold Remediation Manage Course based on NYC DOH Guidelines
- NYSDOL Asbestos Inspector, #AH97-08528
- GSSI Certification in Ground Penetrating Radar

September, 1992-present

PROJECT MANAGER, GROUP SUPERVISOR: ENVIRONMENTAL SERVICES
Richard D. Galli, P.E., P.C.

In charge of Environmental Services Group. Scope of work within group includes the following:

- Phase I Environmental Assessments.
- Phase II Environmental Assessments.
- Groundwater Contamination Studies.
- Underground Storage Tanks (UST'S): testing, removal, closure.
- Underground Injection Well Closure (UIC)
- Hazardous Site Remediation.
- State Superfund RI/FS.
- Indoor Air Quality (IAQ) studies.

In addition to performing any of the above-mentioned work, personally responsible for project management, including project setup, project review and quality control/quality assurance of proposals and reports generated by the environmental group.

PROJECT MANAGER, HYDROGEOLOGY
Richard D. Galli, P.E., P.C.

Performed all aspects of numerous Phase I Environmental Assessments.

Performed and supervised Phase II and Phase III investigations and remediation. Duties included proposal writing, historical investigations, soil and water sampling, supervision of well drilling teams, supervision of remediation work, supervision of underground storage tanks removals, groundwater studies, and report writing.

Knowledgeable in Ground Water Computer Modeling with *canned* programs as well as developing new programs. Worked to set up a GIS based system capable of mapping CERCLA and NPL site, NYSDEC Spills and Inactive Hazardous Waste Sites, etc., to aid in performing Audits.

Certified: OSHA Forty Hour HAZWOPER Course, NIOSH 582.

TECHNICIAN, FIELD AND LABORATORY
Kemron Environmental Services, Inc.

Worked as an industrial hygienist, taking air and bulk samples, and performing Indoor Air Quality (IAQ) studies. As a Polarized Light Microscopist, analyzed bulk samples for asbestos. Analyzed samples from the *Gramercy Park steam pipe explosion* and was detailed to St. Croix for on site sampling and analysis at the Hess oil refinery during the cleanup of *Hurricane Hugo.* Also worked as GC/MS and HPLC technician.
June, 1989-July, 1990 full time, continuing part time to 1993.

CONSTRUCTION SUPERVISOR, DEVELOPER
SHY Building Corporation, Huntington, NY.

Managed land development and housing construction. Scheduling and supervision of all trades necessary. Duties included the following:

- Design of drainage structures
- Design of buildings/renovations
- Surveying in conjunction with road/drainage construction.
- Property acquisition.
- Submitted applications for subdivision, building permits, and sanitary/water permits to Town and County agencies.
- Supervision of UST installations.
- Geotechnical and environmental inspections of properties/building sites.
- Energy efficient building design and implementation.

AFFILIATIONS

Air & Waste Management Association
American Institute of Professional Geologists
American Society for Testing and Materials
    Active Committee Member E-40, Subsurface Investigations
    Active Committee Member E-50, Environmental Assessment
    Active Committee Member E-50.1, Underground Storage Tanks
Environmental Assessment Association, Certified Environmental Inspector and Specialist, #12200.
Hazardous Materials Control Resources Institute
Huntington Chamber of Commerce
Huntington Historical Society
Long Island Association
Long Island Builders Institute
Long Island Geologists
National Fire Protection Association
National Ground Water Society
New York State Council of Professional Geologists
US Green Building Councel

CARLA M. SULLIVAN, C.E.S

EDUCATION

BS GEOLOGY, January 1998. **Cum Laude**

EXPERIENCE:

SENIOR GEOLOGIST, Laurel Environmental Associates, Ltd., Huntington, NY November 1997 – present.

- Project Manager
- Certified Environmental Specialist
- Phase I Environmental Site Assessments
- Phase II Soil and Groundwater Sampling and Analysis Reports.
- Supervises and writes Remediation/Phase III and Analysis
- Geotechnical reports, class V injection well closure plans and RI/FS workplan for regulatory agency approval
- Groundwater Contamination Studies.
- Underground Storage Tanks (UST'S): testing, removal, closure
- Underground Injection Well Closure (UIC)
- Hazardous Site Remediation.

In addition to performing any of the above-mentioned work personally, responsible for project management, including project setup, project review and quality control/quality assurance of proposals and reports

FIELD SKILLS:

- Completed OSHA 40 HOUR HAZWOPER with confined space, 8 Hour Refresher Courses to current.
- State of New Jersey Department of Environmental Protection Subsurface Inspection, License #483291
- Supervises drilling and installation of groundwater monitoring wells, drilling of borings, UST removals, geotechnical drilling, leaching pool "super sucker" remediation, ground penetrating radar survey.
- Performs split spoon soil sampling, groundwater monitoring well installation, purging & sampling, soil-vapor sampling, UST sampling & registration, dye trace & floor drain closure, magnetometer survey
- Experience with PID, hand auger, soil-vapor probe, soil dredge sampler, magnetometer, pH meter.

ACTIVITIES:

- Member of the National Honorary Society in the Earth Sciences Sigma Gamma Epsilon
- Member of the National Society of Research for Professionals 5 Sigma Xi
- Member of the National Honor Society C. W. Post Chapter Phi Beta Kappa
- Member of the Geological Society of America
- Member of New York State Paleontological Society
- Member of the American Natural History Museum
- Member of Sierra Club
- Member of the National Geographic Society

AFFILIATIONS

- American Institute of Professional Geologists
- Environmental Assessment Association, Certified Environmental Inspector and Specialist
- Huntington Historical Society
- Oyster Bay Historical Society
- Long Island Association
- Long Island Professional Geologists Association
- New York State Council of Professional Geologists

BRIAN C MCCABE

EDUCATION: STATE UNIVERSITY OF NEW YORK AT STONY BROOK
B.S, Geology, September, 1991, Minor in Marine Science.
M.Sc., Hydrogeology, Pending. Course work included classes in Geophysics, Chemical Hydrogeology, Organic Contaminant Hydrology, and Bio-Remediation.

EXPERIENCE:

SENIOR GEOLOGIST
LAUREL Environmental Associates, Ltd.

- Phase I Environmental Site Assessments.
- Phase II Environmental Assessments.
- Groundwater Contamination Studies.
- Underground Storage Tanks (UST'S): testing, removal, closure.
- Underground Injection Well Closure (UIC)
- Hazardous Site Remediation.
- Completed OSHA 40 Hour HAZWOPER Supervisors course, 8 Hour Refresher Courses.
- Completed ASTM Environmental Site Assessment training course for professionals.

January, 2012-present

PROJECT MANAGER, DEPARTMENT MANAGER: PROFESSIONAL SERVICES
Fenley & Nicol Environmental Inc.

In charge of Environmental Services Group. Scope of work within group includes the following:

- Phase I Environmental Assessments.
- Phase II Environmental Assessments.
- Groundwater Contamination Studies.
- Underground Storage Tanks (UST'S): testing, removal, closure.
- Underground Injection Well Closure (UIC)
- Hazardous Site Remediation.
- Construction and operation of remediation system.

In addition to performing any of the above-mentioned work, personally responsible for project management, of professional staff project, which, included review of proposals and reports generated by the professional service department.

Certified: OSHA Forty Hour HAZWOPER Course
Preston Groundwater Remediation Course
ASTM 1527-05 Environmental Site Assessment training course
Waterloo, Groundwater modeling I training course
Exxon-Mobil, LPS training
LIRR Track Safety training

September, 1997-July, 2012

FIELD TECHNICIAN, AND LABORATORY SUPERVISER
Kemron Environmental Services, Inc.

FIELD TECHNICIAN – Collected waste water and Indoor Air Quality (IAQ) samples.
LABORATORY SUPERVISER, - Supervised and performed the analysis of asbestos air and bulk samples utilizing Phase Contrast and Polarized Light Microscopist, Performed on-site sampling and analysis of asbestos air and bulk samples at the Hess oil refinery in St. Croix during the cleanup of *Hurricane Hugo.* Also worked as GC/MS and HPLC technician. Perform air, bulk and water analysis for metals utilizing ICP and Flame AA instrumentation.
Part time from February 1990-May 1991
Full time from May 1991-September 1997

AFFILIATIONS

Long Island Geologists
United States Coast Guard Auxiliary

APPENDIX E

System Monitoring Log

Site: 20 West Centennial Avenue, Roosevelt

Date: June 11, 2014
Time: 9:00 AM

Pressure Field Monitoring

Well ID	Vacuum
P1	0.211
P2	0.261
P3	0.279
P4	0.233
P5	0.326
P6	N/A
SVE-3	0.299
SVE-7	0.314
SVE-10	0.167
MW-20-4	N/A

SVE System operation Monitoring

Line ID	SVE point	Vacuum. PSI	Flow , CFM
Line -1	5 & 6	10	N/A
Line -2	2 & 4	8	N/A
Line -3	11	8	N/A
Line -4	12	8	N/A
Line -5	13	5	N/A
Line -6	8 & 9	10	N/A
Line -7	1	10	N/A

Air Sparge System Operation Monitoring

Well ID	Pressure, PSI	Flow CFM	temp
Line 1	4.5	15	N/A
Line 2	4.5	NA	N/A
Line 3	3.5	NA	N/A
Line 4	7.5	9	N/A
Line 5	7.5	10	N/A

Carbon

Location	PID	Pressure
Pre	0	17
Between	0	14
Post	0	6

Notes
System was running, Black blow down drum for the AS system was full and overflowing, emptied five gallon of water from the drum.

Field Personnel: Brian McCabe

Site: 20 West Centennial Avenue, Roosevelt

Date: June 20, 2014
Time: 10:45 AM

Pressure Field Monitoring

Well ID	Vacuum
P1	0.232
P2	0.298
P3	0.283
P4	0.225
P5	0.346
P6	N/A
SVE-3	0.297
SVE-7	0.304
SVE-10	0.118
MW-20-4	

SVE System operation Monitoring

Line ID	SVE point	Vacuum. PSI	Flow , CFM
Line -1	5 & 6	9.8	NA
Line -2	2 & 4	10.5	40
Line -3	11	11	25
Line -4	12	10.5	NA
Line -5	13	8	30
Line -6	8 & 9	10	35
Line -7	1	10	45

Air Sparge System Operation Monitoring

Well ID	Pressure, PSI	Flow CFM	temp
Line 1	4.5	20	83.5
Line 2	4.8	8	81
Line 3	3	16	79.5
Line 4	8.5	14	80
Line 5	8.5	14	79

Carbon

Location	PID	Pressure
Pre	27.8	18
Between	0	14
Post	0	6

Notes
System running, Emptied AS blow down tank, Greased bearings on SVE blower

Field Personnel: Brian McCabe

Site: 20 West Centennial Avenue, Roosevelt

Date: June 27, 2014
Time: 9:00 AM

Pressure Field Monitoring

Well ID	Vacuum
P1	0.173
P2	0.301
P3	0.249
P4	0.259
P5	0.347
P6	N/A
SVE-3	0.328
SVE-7	0.311
SVE-10	0.151
MW-20-4	N/A

SVE System operation Monitoring

Line ID	SVE point	Vacuum. PSI	Flow , CFM
Line -1	5 & 6	8.5	NA
Line -2	2 & 4	10.5	38
Line -3	11	11	30
Line -4	12	10	NA
Line -5	13	8	35
Line -6	8 & 9	10	45
Line -7	1	10	48

Air Sparge System Operation Monitoring

Well ID	Pressure, PSI	Flow CFM	temp
Line 1	4.5	20	90
Line 2	4.5	8	90
Line 3	3	16	90
Line 4	8	14	90
Line 5	8	14	91

Carbon

Location	PID	Pressure
Pre	23	15
Between	0	13
Post	0	7

Notes
System running, Emptied AS blow down tank, connected a drain line to blow down tank

Field Personnel: Brian McCabe

LAUREL Environmental Associates, Ltd. •53 West Hills Road, Suite 1, Huntington Station, NY 11746 •phone (631) 673-0612 •fax (631) 427-5323

Site: 20 West Centennial Avenue, Roosevelt

Date: July 3, 2014
Time: 10:00 AM

Pressure Field Monitoring

Well ID	Vacuum
P1	0.315
P2	0.315
P3	0.252
P4	0.245
P5	0.315
P6	N/A
SVE-3	0.319
SVE-7	0.321
SVE-10	0.147
MW-20-4	N/A

SVE System operation Monitoring

Line ID	SVE point	Vacuum. PSI	Flow , CFM
Line -1	5 & 6	8	na
Line -2	2 & 4	10	35
Line -3	11	10	25
Line -4	12	8	na
Line -5	13	10	40
Line -6	8 & 9	10	40
Line -7	1	10	45

Air Sparge System Operation Monitoring

Well ID	Pressure, PSI	Flow CFM	temp
Line 1	4.5	20	N/A
Line 2	4.5	8	N/A
Line 3	2	14	N/A
Line 4	8	14	N/A
Line 5	8	14	N/A

Carbon

Location	PID	Pressure
Pre	38	14
Between	0	14
Post	0	7

Notes
Collected influent and effluent air samples, perform system monitoring.

Field Personnel: Brian McCabe

LAUREL Environmental Associates, Ltd. •53 West Hills Road, Suite 1, Huntington Station, NY 11746 •phone (631) 673-0612 •fax (631) 427-5323

Site: 20 West Centennial Avenue, Roosevelt

Date: August 7, 2014
Time: 10:00 AM

Pressure Field Monitoring

Well ID	Vacuum
P1	0.116
P2	0.234
P3	0.237
P4	0.229
P5	0.258
P6	N/A
SVE-3	0.248
SVE-7	0.258
SVE-10	0.127
MW-20-4	0.072

SVE System operation Monitoring

Line ID	SVE point	Vacuum. PSI	Flow , CFM
Line -1	5 & 6	8	NA
Line -2	2 & 4	10	38
Line -3	11	10	NA
Line -4	12	8	18
Line -5	13	40	40
Line -6	8 & 9	40	50
Line -7	1	9	40

Air Sparge System Operation Monitoring

Well ID	Pressure, PSI	Flow CFM	temp
Line 1	5	19	89
Line 2	5	8	84
Line 3	4	15	84
Line 4	8	14	84
Line 5	8	14	83

Carbon

Location	PID	Pressure
Pre	N/A	10
Between	N/A	13
Post	N/A	6.5

Notes
Greased bearings on SVE blower

Field Personnel: Brian McCabe

Laurel ENVIRONMENTAL ASSOCIATES, LTD.

LAUREL Environmental Associates, Ltd. •53 West Hills Road, Suite 1, Huntington Station, NY 11746 •phone (631) 673-0612 •fax (631) 427-5323

Site: 20 West Centennial Avenue, Roosevelt

Date: September 16, 2014
Time: 2:45 PM

Pressure Field Monitoring

Well ID	Vacuum
P1	N/A
P2	N/A
P3	N/A
P4	N/A
P5	N/A
P6	N/A
SVE-3	N/A
SVE-7	N/A
SVE-10	N/A
MW-20-4	N/A

SVE System operation Monitoring

Line ID	SVE point	Vacuum. PSI	Flow , CFM
Line -1	5 & 6	12	25
Line -2	2 & 4	8	20
Line -3	11	14	25
Line -4	12	11	23
Line -5	13	12	40
Line -6	8 & 9	18	40
Line -7	1	9	30

Air Sparge System Operation Monitoring

Well ID	Pressure, PSI	Flow CFM	temp
Line 1	6	20	N/A
Line 2	6	9	N/A
Line 3	5	14	N/A
Line 4	7	15	N/A
Line 5	8	13	N/A

Carbon

Location	PID	Pressure
Pre	N/A	7
Between	N/A	14
Post	N/A	6

Notes

Field Personnel: Brian McCabe

Site: 20 West Centennial Avenue, Roosevelt

Date: October 9,2014
Time: 1:00 PM

Pressure Field Monitoring

Well ID	Vacuum
P1	0.112
P2	0.209
P3	0.252
P4	0.267
P5	0.224
P6	Closed
SVE-3	0.216
SVE-7	0.281
SVE-10	0.139
MW-20-4	N/A

SVE System operation Monitoring

Line ID	SVE point	Vacuum. PSI	Flow , CFM
Line -1	5 & 6	16	23
Line -2	2 & 4	8	30
Line -3	11	18	30
Line -4	12	10	25
Line -5	13	15	35
Line -6	8 & 9	18	45
Line -7	1	3	10

Air Sparge System Operation Monitoring

Well ID	Pressure, PSI	Flow CFM	temp
Line 1	5	6	N/A
Line 2	6	10	N/A
Line 3	5	16	N/A
Line 4	8	16	N/A
Line 5	8	16	N/A

Carbon

Location	PID	Pressure
Pre	85	8
Between	80	13
Post	10	6

Notes
Greased bearings on SVE Blower

Field Personnel: Brian McCabe

Site: 20 West Centennial Avenue, Roosevelt

Date: November 4, 2014
Time: 10:15 AM

Pressure Field Monitoring

Well ID	Vacuum
P1	0.141
P2	N/A
P3	0.154
P4	0.207
P5	0.13
P6	N/A
SVE-3	0.164
SVE-7	0.019
SVE-10	0.046
MW-20-4	N/A

SVE System operation Monitoring

Line ID	SVE point	Vacuum. PSI	Flow , CFM
Line -1	5 & 6	20	30
Line -2	2 & 4	20	40
Line -3	11	35	NA
Line -4	12	23	30
Line -5	13	38	15
Line -6	8 & 9	21	40
Line -7	1	19	25

Air Sparge System Operation Monitoring

Well ID	Pressure, PSI	Flow CFM	temp
Line 1	6	14	80
Line 2	7	10	79
Line 3	6	16	78
Line 4	8	16	78
Line 5	8	14	78

Carbon

Location	PID	Pressure
Pre	0.1	7
Between	0.1	15
Post	0.1	5

Notes
Post excavation. All SVE pulling some water, drained all lines
open make up air to 3/4 open

Field Personnel: Brian McCabe

LAUREL Environmental Associates, Ltd. •53 West Hills Road, Suite 1, Huntington Station, NY 11746 •phone (631) 673-0612 •fax (631) 427-5323

Site: 20 West Centennial Avenue, Roosevelt

Date: November 20, 2014
Time: 11:40AM

Pressure Field Monitoring

Well ID	Vacuum
P1	0.141
P2	N/A
P3	0.081
P4	0.067
P5	0.28
P6	-0.003
SVE-3	0.081
SVE-7	0.025
SVE-10	N/A
MW-20-4	N/A

SVE System operation Monitoring

Line ID	SVE point	Vacuum. PSI	Flow , CFM
Line -1	5 & 6	N/A	N/A
Line -2	2 & 4	N/A	N/A
Line -3	11	N/A	N/A
Line -4	12	N/A	N/A
Line -5	13	N/A	N/A
Line -6	8 & 9	N/A	N/A
Line -7	1	N/A	N/A

Air Sparge System Operation Monitoring

Well ID	Pressure, PSI	Flow CFM	temp
Line 1	N/A	N/A	N/A
Line 2	N/A	N/A	N/A
Line 3	N/A	N/A	N/A
Line 4	N/A	N/A	N/A
Line 5	N/A	N/A	N/A

Carbon

Location	PID	Pressure
Pre	N/A	N/A
Between	N/A	N/A
Post	N/A	N/A

Notes

System Running at 39Hz, Make up air 1/2 open

System pulling a lot of water

Russ on site to start VED

Field Personnel: Brian McCabe

Laurel ENVIRONMENTAL ASSOCIATES, LTD.

LAUREL Environmental Associates, Ltd. •53 West Hills Road, Suite 1, Huntington Station, NY 11746 •phone (631) 673-0612 •fax (631) 427-5323

Site: 20 West Centennial Avenue, Roosevelt

Date: December 8, 2014
Time: 7:30 AM

Pressure Field Monitoring

Well ID	Vacuum
P1	N/A
P2	N/A
P3	N/A
P4	N/A
P5	N/A
P6	0.012
SVE-3	N/A
SVE-7	N/A
SVE-10	N/A
MW-20-4	N/A

SVE System operation Monitoring

Line ID	SVE point	Vacuum. PSI	Flow , CFM
Line -1	5 & 6	N/A	N/A
Line -2	2 & 4	N/A	N/A
Line -3	11	N/A	N/A
Line -4	12	N/A	N/A
Line -5	13	N/A	N/A
Line -6	8 & 9	N/A	N/A
Line -7	1	N/A	N/A

Air Sparge System Operation Monitoring

Well ID	Pressure, PSI	Flow CFM	temp
Line 1	N/A	N/A	N/A
Line 2	N/A	N/A	N/A
Line 3	N/A	N/A	N/A
Line 4	N/A	N/A	N/A
Line 5	N/A	N/A	N/A

Carbon

Location	PID	Pressure
Pre	N/A	N/A
Between	N/A	N/A
Post	N/A	N/A

Notes

System Running at 39Hz, Make up air 1/2 open

SVE vacuum increased on points 5 & 8

Field Personnel: Brian McCabe

Laurel ENVIRONMENTAL ASSOCIATES, LTD.

LAUREL Environmental Associates, Ltd. •53 West Hills Road, Suite 1, Huntington Station, NY 11746 •phone (631) 673-0612 •fax (631) 427-5323

Site: 20 West Centennial Avenue, Roosevelt

Date: December 8,2014
Time: 9:00 AM

Pressure Field Monitoring

Well ID	Vacuum
P1	0.64
P2	N/A
P3	0.169
P4	0.237
P5	0.058
P6	N/A
SVE-3	0.96
SVE-7	0.45
SVE-10	-0.024
MW-20-4	N/A

SVE System operation Monitoring

Line ID	SVE point	Vacuum. PSI	Flow , CFM
Line -1	5 & 6	12	10
Line -2	2 & 4	10	8
Line -3	11	18	5
Line -4	12	21	12
Line -5	13	21	12
Line -6	8 & 9	20	15
Line -7	1	15	8

Air Sparge System Operation Monitoring

Well ID	Pressure, PSI	Flow CFM	temp
Line 1	8	16	N/A
Line 2	9.5	10	N/A
Line 3	8	16	N/A
Line 4	7.5	16	N/A
Line 5	8	16	N/A

Carbon

Location	PID	Pressure
Pre	N/A	6
Between	N/A	10
Post	N/A	2

Notes

Flow above compressor is 17.5. Wells 2,4,5,6,8,9,11 pulling water.

SVE running at 39 Hz

None of the flow gauges working/wet

SVE-1 mostly closedfor winter due to icing.

Field Personnel: Brian McCabe

Site: 20 West Centennial Avenue, Roosevelt

Date: January 14, 2015
Time: 10:00AM

Pressure Field Monitoring

Well ID	Vacuum
P1	N/A
P2	N/A
P3	N/A
P4	N/A
P5	N/A
P6	N/A
SVE-3	N/A
SVE-7	N/A
SVE-10	N/A
MW-20-4	N/A

SVE System operation Monitoring

Line ID	SVE point	Vacuum. PSI	Flow , CFM
Line -1	5 & 6	N/A	N/A
Line -2	2 & 4	N/A	N/A
Line -3	11	N/A	N/A
Line -4	12	N/A	N/A
Line -5	13	N/A	N/A
Line -6	8 & 9	N/A	N/A
Line -7	1	N/A	N/A

Air Sparge System Operation Monitoring

Well ID	Pressure, PSI	Flow CFM	temp
Line 1	8	12	N/A
Line 2	7	12	N/A
Line 3	5	12	N/A
Line 4	9	12	N/A
Line 5	3	12	N/A

Carbon

Location	PID	Pressure
Pre	N/A	N/A
Between	N/A	N/A
Post	N/A	N/A

Notes
Readings were unavailable because all lines were frozen

Field Personnel: Brian McCabe

LAUREL Environmental Associates, Ltd. •53 West Hills Road, Suite 1, Huntington Station, NY 11746 •phone (631) 673-0612 •fax (631) 427-5323

Site: 20 West Centennial Avenue, Roosevelt

Date: February 6, 2015
Time: 8:30AM

Pressure Field Monitoring

Well ID	Vacuum
P1	N/A
P2	N/A
P3	N/A
P4	N/A
P5	N/A
P6	N/A
SVE-3	N/A
SVE-7	N/A
SVE-10	N/A
MW-20-4	N/A

SVE System operation Monitoring

Line ID	SVE point	Vacuum. PSI	Flow , CFM
Line -1	5 & 6	N/A	N/A
Line -2	2 & 4	N/A	N/A
Line -3	11	N/A	N/A
Line -4	12	N/A	N/A
Line -5	13	N/A	N/A
Line -6	8 & 9	N/A	N/A
Line -7	1	N/A	N/A

Air Sparge System Operation Monitoring

Well ID	Pressure, PSI	Flow CFM	temp
Line 1	8	12	N/A
Line 2	9	12	N/A
Line 3	9	12	N/A
Line 4	8	12	N/A
Line 5	8	12	N/A

Carbon

Location	PID	Pressure
Pre	N/A	N/A
Between	N/A	N/A
Post	N/A	N/A

Notes
Readings were unavailable because SVE lines were frozen

Field Personnel: Brian McCabe

LAUREL Environmental Associates, Ltd. •53 West Hills Road, Suite 1, Huntington Station, NY 11746 •phone (631) 673-0612 •fax (631) 427-5323

Site: 20 West Centennial Avenue, Roosevelt

Date: March 4, 2015
Time: 12:30 AM

Pressure Field Monitoring

Well ID	Vacuum
P1	0.088
P2	N/A
P3	0.042
P4	0.064
P5	-0.035
P6	N/A
SVE-3	0.075
SVE-7	0.008
SVE-10	0.088
MW-20-4	N/A

SVE System operation Monitoring

Line ID	SVE point	Vacuum. PSI	Flow , CFM
Line -1	5 & 6	-12	0
Line -2	2 & 4	0.18	0
Line -3	11	-24	0
Line -4	12	-4	90
Line -5	13	-10	0
Line -6	8 & 9	-14	0
Line -7	1	-13	0

Air Sparge System Operation Monitoring

Well ID	Pressure, PSI	Flow CFM	temp
Line 1	6.5	9	N/A
Line 2	8.5	11	N/A
Line 3	7.5	18	N/A
Line 4	8.5	17	N/A
Line 5	9	15	N/A

Carbon

Location	PID	Pressure
Pre	N/A	6
Between	N/A	8
Post	N/A	7

Notes
Compressor at -208°. 52 psi

Field Personnel: etto & Charlie Lynch

LAUREL Environmental Associates, Ltd. •53 West Hills Road, Suite 1, Huntington Station, NY 11746 •phone (631) 673-0612 •fax (631) 427-5323

Site: 20 West Centennial Avenue, Roosevelt

Date: April 27, 2015
Time: 10:30 AM

Pressure Field Monitoring

Well ID	Vacuum
P1	0.098
P2	0.137
P3	0.101
P4	0.112
P5	0.098
P6	N/A
SVE-3	0.105
SVE-7	0.001
SVE-10	0.091
MW-20-4	N/A

SVE System operation Monitoring

Line ID	SVE point	Vacuum. PSI	Flow , CFM
Line -1	5 & 6	10	15
Line -2	2 & 4	10	25
Line -3	11	10	25
Line -4	12	5	18
Line -5	13	3	22
Line -6	8 & 9	12	28
Line -7	1	N/A	N/A

Air Sparge System Operation Monitoring

Well ID	Pressure, PSI	Flow CFM	temp
Line 1	7	12	N/A
Line 2	7	12	N/A
Line 3	7	12	N/A
Line 4	7	12	N/A
Line 5	7	12	N/A

Carbon

Location	PID	Pressure
Pre	21	6
Between	7	6
Post	7	5

Notes
System running at 25Hz

Field Personnel: Brian McCabe

Laurel ENVIRONMENTAL ASSOCIATES, LTD.

LAUREL Environmental Associates, Ltd. •53 West Hills Road, Suite 1, Huntington Station, NY 11746 •phone (631) 673-0612 •fax (631) 427-5323

Site: 20 West Centennial Avenue, Roosevelt

Date: May 29, 2015
Time: 2:00PM

Pressure Field Monitoring

Well ID	Vacuum
P1	0.192
P2	0.227
P3	0.14
P4	0.179
P5	0.118
P6	N/A
SVE-3	0.189
SVE-7	0.058
SVE-10	0.139
MW-20-4	N/A

SVE System operation Monitoring

Line ID	SVE point	Vacuum. PSI	Flow , CFM
Line -1	5 & 6	18	30
Line -2	2 & 4	18	40
Line -3	11	18	25
Line -4	12	10	25
Line -5	13	5	10
Line -6	8 & 9	20	10
Line -7	1	N/A	N/A

Air Sparge System Operation Monitoring

Well ID	Pressure, PSI	Flow CFM	temp
Line 1	N/A	N/A	N/A
Line 2	N/A	N/A	N/A
Line 3	N/A	N/A	N/A
Line 4	N/A	N/A	N/A
Line 5	N/A	N/A	N/A

Carbon

Location	PID	Pressure
Pre	N/A	6
Between	N/A	6
Post	N/A	3

Notes

Sparge shut down alarm FDIA-1301 ALA- 2201-SPRG

Increased SVE VED from 25 to 38 HZ

Field Personnel: Brian McCabe

Laurel ENVIRONMENTAL ASSOCIATES, LTD.

LAUREL Environmental Associates, Ltd. •53 West Hills Road, Suite 1, Huntington Station, NY 11746 •phone (631) 673-0612 •fax (631) 427-5323

Site: 20 West Centennial Avenue, Roosevelt

Date: June 25, 2015
Time: 9:00am

Pressure Field Monitoring

Well ID	Vacuum
P1	0.201
P2	0.211
P3	0.11
P4	0.184
P5	0.01
P6	N/A
SVE-3	0.204
SVE-7	0.041
SVE-10	0.142
MW-20-4	N/A

SVE System operation Monitoring

Line ID	SVE point	Vacuum. PSI	Flow , CFM
Line -1	5 & 6	18	25
Line -2	2 & 4	18	20
Line -3	11	18	25
Line -4	12	10	15
Line -5	13	50	8
Line -6	8 & 9	20	21
Line -7	1	N/A	N/A

Air Sparge System Operation Monitoring

Well ID	Pressure, PSI	Flow CFM	temp
Line 1	N/A	N/A	N/A
Line 2	N/A	N/A	N/A
Line 3	N/A	N/A	N/A
Line 4	N/A	N/A	N/A
Line 5	N/A	N/A	N/A

Carbon

Location	PID	Pressure
Pre	10.1	6
Between	0.01	6
Post	0	3

Notes
Sparge shut down alarm FDIA-1301 ALA- 2201-SPRG

Field Personnel: Brian McCabe

LAUREL Environmental Associates, Ltd. •53 West Hills Road, Suite 1, Huntington Station, NY 11746 •phone (631) 673-0612 •fax (631) 427-5323

Site: 20 West Centennial Avenue, Roosevelt

Date: July 23, 2015
Time: 12:50PM

Pressure Field Monitoring

Well ID	Vacuum
P1	0.181
P2	0.263
P3	0.193
P4	0.233
P5	0.285
P6	N/A
SVE-3	0.263
SVE-7	0.134
SVE-10	0.155
MW-20-4	2.895

SVE System operation Monitoring

Line ID	SVE point	Vacuum. PSI	Flow , CFM
Line -1	13	18	24
Line -2	11	18	26
Line -3	2 & 4	18	26
Line -4	N/A	N/A	N/A
Line -5	12	5	12
Line -6	8 & 10	20	14
Line -7	5 & 7	30	15

Air Sparge System Operation Monitoring

Well ID	Pressure, PSI	Flow CFM	temp
Line 1	N/A	N/A	N/A
Line 2	N/A	N/A	N/A
Line 3	N/A	N/A	N/A
Line 4	N/A	N/A	N/A
Line 5	N/A	N/A	N/A

Carbon

Location	PID	Pressure
Pre	10.1	6
Between	0.01	6
Post	0	3

Notes

Influent: 1.4L begin at 32 Hg, Stopped at 2PSI, Serial #00191

Effluent: 6L begin at 32 Hg, Stopped at 4PSI, Serial #1628

Field Personnel: Dina Palazzolo

Site: 20 West Centennial Avenue, Roosevelt

Date: August 23, 2015
Time: 12:50PM

Pressure Field Monitoring

Well ID	Vacuum
P1	0.181
P2	0.263
P3	0.193
P4	0.233
P5	0.285
P6	N/A
SVE-3	0.263
SVE-7	0.134
SVE-10	0.155
MW-20-4	2.895

SVE System operation Monitoring

Line ID	SVE point	Vacuum. PSI	Flow , CFM
Line -1	13	18	30
Line -2	11	18	40
Line -3	2 & 4	18	25
Line -4	N/A	10	25
Line -5	12	5	10
Line -6	8 & 10	20	10
Line -7	5 & 7	na	na

Air Sparge System Operation Monitoring

Well ID	Pressure, PSI	Flow CFM	temp
Line 1	N/A	N/A	N/A
Line 2	N/A	N/A	N/A
Line 3	N/A	N/A	N/A
Line 4	N/A	N/A	N/A
Line 5	N/A	N/A	N/A

Carbon

Location	PID	Pressure
Pre	5.6	6
Between	0	6
Post	0	0.5

Notes

Field Personnel: Brian McCabe

Site: 20 West Centennial Avenue, Roosevelt

Date: September 3, 2015
Time: 8:00 AM

Pressure Field Monitoring

Well ID	Vacuum
P1	0.175
P2	0.251
P3	0.205
P4	0.225
P5	0.275
P6	NA
SVE-3	0.261
SVE-7	0.13
SVE-10	0.104
MW-20-4	2.01

SVE System operation Monitoring

Line ID	SVE point	Vacuum. PSI	Flow , CFM
Line -1	13	18	30
Line -2	11	18	30
Line -3	2 & 4	18	25
Line -4	N/A	N/A	N/A
Line -5	12	10	25
Line -6	8 & 10	5	10
Line -7	5 & 7	20	15

Air Sparge System Operation Monitoring

Well ID	Pressure, PSI	Flow CFM	temp
Line 1	N/A	N/A	N/A
Line 2	N/A	N/A	N/A
Line 3	N/A	N/A	N/A
Line 4	N/A	N/A	N/A
Line 5	N/A	N/A	N/A

Carbon

Location	PID	Pressure
Pre	10	6
Between	0	6
Post	0	3

Notes

Field Personnel: Dina Palazzolo

Site: 20 West Centennial Avenue, Roosevelt

Date: October 8, 2015
Time: 9:00 AM

Pressure Field Monitoring

Well ID	Vacuum
P1	0.162
P2	0.367
P3	0.147
P4	0.136
P5	0.317
P6	N/A
SVE-3	0.326
SVE-7	0.053
SVE-10	0.121
MW-20-4	

SVE System operation Monitoring

Line ID	SVE point	Vacuum. PSI	Flow , CFM
Line -1	13	19	30
Line -2	11	15	20
Line -3	2 & 4	19	50
Line -4	N/A	N/A	N/A
Line -5	12	19	20
Line -6	1	19	50
Line -7	5 & 6	19	40

Air Sparge System Operation Monitoring

Well ID	Pressure, PSI	Flow CFM	temp
Line 1	N/A	N/A	N/A
Line 2	N/A	N/A	N/A
Line 3	N/A	N/A	N/A
Line 4	N/A	N/A	N/A
Line 5	N/A	N/A	N/A

Carbon

Location	PID	Pressure
Pre	207	7
Between	85	7
Post	2	2

Notes

System was off, copied alarm codes, cleared alarms. Re-started SVE system, balanced SVE vacuum
checked system after 2 hours.
Sve blower running at 40.06Hz
Connected SVE-1 and disconnected SVE-7&8

Field Personnel: Brian McCabe

Site: 20 West Centennial Avenue, Roosevelt

Date: November 30, 2015
Time: 9:00am

Pressure Field Monitoring

Well ID	Vacuum
P1	0.125
P2	0.221
P3	0.178
P4	0.278
P5	0.05
P6	N/A
SVE-3	0.141
SVE-7	0.1
SVE-10	0.109
MW-20-4	n/A

SVE System operation Monitoring

Line ID	SVE point	Vacuum. PSI	Flow , CFM
Line -1	13	18	30
Line -2	11	18	30
Line -3	2 & 4	15	25
Line -4	N/A	N/A	N/A
Line -5	12	15	20
Line -6	8 & 10	10	15
Line -7	5 & 7	15	15

Air Sparge System Operation Monitoring

Well ID	Pressure, PSI	Flow CFM	temp
Line 1	N/A	N/A	N/A
Line 2	N/A	N/A	N/A
Line 3	N/A	N/A	N/A
Line 4	N/A	N/A	N/A
Line 5	N/A	N/A	N/A

Carbon

Location	PID	Pressure
Pre	6	6
Between	0	6
Post	0	3

Notes

System running. Need to schedule a winterization event.

Field Personnel: Brian McCabe

Site: 20 West Centennial Avenue, Roosevelt

Date: December 21, 2015
Time: 7:45am

Pressure Field Monitoring

Well ID	Vacuum
P1	0.211
P2	0.275
P3	0.205
P4	0.178
P5	0.25
P6	N/A
SVE-3	0.14
SVE-7	0.098
SVE-10	0.025
MW-20-4	N/A

SVE System operation Monitoring

Line ID	SVE point	Vacuum. PSI	Flow , CFM
Line -1	13	18	30
Line -2	11	18	25
Line -3	2 & 4	15	45
Line -4	N/A	N/A	N/A
Line -5	12	20	20
Line -6	8 & 10	15	30
Line -7	5 & 7	18	35

Air Sparge System Operation Monitoring

Well ID	Pressure, PSI	Flow CFM	temp
Line 1	N/A	N/A	N/A
Line 2	N/A	N/A	N/A
Line 3	N/A	N/A	N/A
Line 4	N/A	N/A	N/A
Line 5	N/A	N/A	N/A

Carbon

Location	PID	Pressure
Pre	115	6
Between	0	6
Post	0	3

Notes

Field Personnel: Dina Palazzolo

APPENDIX F

Soil Removal Photo Log

Figure 1, View of south hot spot prior to excavation

Figure 2, View of south excavation, concrete removal

Figure 3, View of south excavation

Figure 4, View of south excavation looking west

Figure 5, View of south excavation looking north

Figure 6, View of south excavation completed

Figure 7, View of north hot spot prior to excavation

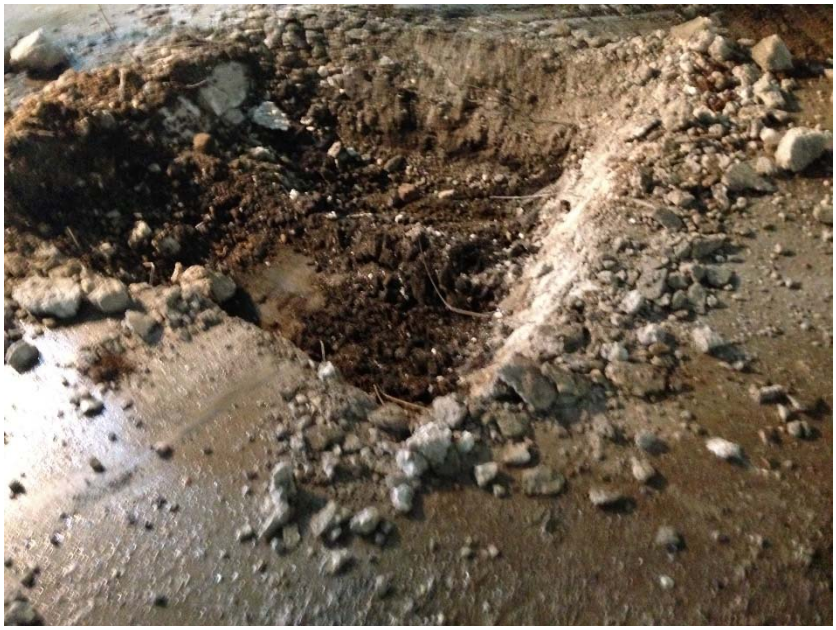


Figure 8, View of north excavation top of contamination

Figure 9, View of north excavation completed

Figure 10, View of stockpiled soil

APPENDIX G

Personnel Qualifications

SCOTT A. YANUCK, C.E.I., C.E.S.

EDUCATION: STATE UNIVERSITY OF NEW YORK AT STONY BROOK
B.A., Earth and Space Sciences, December, 1987, Minor in Technology and Society.
M.Sc., Hydrogeology, May, 1993.Course work included classes in Geophysics, Chemical Hydrogeology, Organic Contaminant Hydrology, and Computer Modeling.

EXPERIENCE:

PRINCIPAL, MANAGING HYDROGEOLOGIST
LAUREL Environmental Associates, Ltd.

- Supervise all technical and financial operations of environmental consulting firm.
- Completed OSHA 40 Hour HAZWOPER Supervisors course, 8 Hour Refresher Courses.
- Geoprobe Systems Training on Direct Push Techniques including well installation and pump tests
- Completed ASTM Environmental Site Assessment training course for professionals.
- Completed NJDEPE UST Certification Program.
- Completed Mold Remediation Manage Course based on NYC DOH Guidelines
- NYSDOL Asbestos Inspector, #AH97-08528
- GSSI Certification in Ground Penetrating Radar

September, 1992-present

PROJECT MANAGER, GROUP SUPERVISOR: ENVIRONMENTAL SERVICES
Richard D. Galli, P.E., P.C.

In charge of Environmental Services Group. Scope of work within group includes the following:

- Phase I Environmental Assessments.
- Phase II Environmental Assessments.
- Groundwater Contamination Studies.
- Underground Storage Tanks (UST'S): testing, removal, closure.
- Underground Injection Well Closure (UIC)
- Hazardous Site Remediation.
- State Superfund RI/FS.
- Indoor Air Quality (IAQ) studies.

In addition to performing any of the above-mentioned work, personally responsible for project management, including project setup, project review and quality control/quality assurance of proposals and reports generated by the environmental group.

PROJECT MANAGER, HYDROGEOLOGY
Richard D. Galli, P.E., P.C.

Performed all aspects of numerous Phase I Environmental Assessments.

Performed and supervised Phase II and Phase III investigations and remediation. Duties included proposal writing, historical investigations, soil and water sampling, supervision of well drilling teams, supervision of remediation work, supervision of underground storage tanks removals, groundwater studies, and report writing.

Knowledgeable in Ground Water Computer Modeling with *canned* programs as well as developing new programs. Worked to set up a GIS based system capable of mapping CERCLA and NPL site, NYSDEC Spills and Inactive Hazardous Waste Sites, etc., to aid in performing Audits.

Certified: OSHA Forty Hour HAZWOPER Course, NIOSH 582.

TECHNICIAN, FIELD AND LABORATORY
Kemron Environmental Services, Inc.

Worked as an industrial hygienist, taking air and bulk samples, and performing Indoor Air Quality (IAQ) studies. As a Polarized Light Microscopist, analyzed bulk samples for asbestos. Analyzed samples from the *Gramercy Park steam pipe explosion* and was detailed to St. Croix for on site sampling and analysis at the Hess oil refinery during the cleanup of *Hurricane Hugo.* Also worked as GC/MS and HPLC technician.
June, 1989-July, 1990 full time, continuing part time to 1993.

CONSTRUCTION SUPERVISOR, DEVELOPER
SHY Building Corporation, Huntington, NY.

Managed land development and housing construction. Scheduling and supervision of all trades necessary. Duties included the following:

- Design of drainage structures
- Design of buildings/renovations
- Surveying in conjunction with road/drainage construction.
- Property acquisition.
- Submitted applications for subdivision, building permits, and sanitary/water permits to Town and County agencies.
- Supervision of UST installations.
- Geotechnical and environmental inspections of properties/building sites.
- Energy efficient building design and implementation.

AFFILIATIONS

Air & Waste Management Association
American Institute of Professional Geologists
American Society for Testing and Materials
    Active Committee Member E-40, Subsurface Investigations
    Active Committee Member E-50, Environmental Assessment
    Active Committee Member E-50.1, Underground Storage Tanks
Environmental Assessment Association, Certified Environmental Inspector and Specialist, #12200.
Hazardous Materials Control Resources Institute
Huntington Chamber of Commerce
Huntington Historical Society
Long Island Association
Long Island Builders Institute
Long Island Geologists
National Fire Protection Association
National Ground Water Society
New York State Council of Professional Geologists
US Green Building Councel

BRIAN C MCCABE

EDUCATION: STATE UNIVERSITY OF NEW YORK AT STONY BROOK
B.S, Geology, September, 1991, Minor in Marine Science.
M.Sc., Hydrogeology, Pending. Course work included classes in Geophysics, Chemical Hydrogeology, Organic Contaminant Hydrology, and Bio-Remediation.

EXPERIENCE:

SENIOR GEOLOGIST
LAUREL Environmental Associates, Ltd.

- Phase I Environmental Site Assessments.
- Phase II Environmental Assessments.
- Groundwater Contamination Studies.
- Underground Storage Tanks (UST'S): testing, removal, closure.
- Underground Injection Well Closure (UIC)
- Hazardous Site Remediation.
- Completed OSHA 40 Hour HAZWOPER Supervisors course, 8 Hour Refresher Courses.
- Completed ASTM Environmental Site Assessment training course for professionals.

January, 2012-present

PROJECT MANAGER, DEPARTMENT MANAGER: PROFESSIONAL SERVICES
Fenley & Nicol Environmental Inc.

In charge of Environmental Services Group. Scope of work within group includes the following:

- Phase I Environmental Assessments.
- Phase II Environmental Assessments.
- Groundwater Contamination Studies.
- Underground Storage Tanks (UST'S): testing, removal, closure.
- Underground Injection Well Closure (UIC)
- Hazardous Site Remediation.
- Construction and operation of remediation system.

In addition to performing any of the above-mentioned work, personally responsible for project management, of professional staff project, which, included review of proposals and reports generated by the professional service department.

Certified: OSHA Forty Hour HAZWOPER Course
Preston Groundwater Remediation Course
ASTM 1527-05 Environmental Site Assessment training course
Waterloo, Groundwater modeling I training course
Exxon-Mobil, LPS training
LIRR Track Safety training

September, 1997-July, 2012

FIELD TECHNICIAN, AND LABORATORY SUPERVISER
Kemron Environmental Services, Inc.

FIELD TECHNICIAN – Collected waste water and Indoor Air Quality (IAQ) samples.
LABORATORY SUPERVISER, - Supervised and performed the analysis of asbestos air and bulk samples utilizing Phase Contrast and Polarized Light Microscopist, Performed on-site sampling and analysis of asbestos air and bulk samples at the Hess oil refinery in St. Croix during the cleanup of *Hurricane Hugo.* Also worked as GC/MS and HPLC technician. Perform air, bulk and water analysis for metals utilizing ICP and Flame AA instrumentation.
Part time from February 1990-May 1991
Full time from May 1991-September 1997

AFFILIATIONS

Long Island Geologists
United States Coast Guard Auxiliary

SUZETTE CRESPO

EDUCATION: MUHLENBERG COLLEGE

B.S., Environmental Science, May 2014

RELATED COURSES:

- Principles of Biology I & II, General Chemistry I & II, Environmental Science I & II, Environmental Geology, Toxicology, Statistical Methods, Botany, Sustainability, Environmental Philosophy

EXPERIENCE:

Environmental Scientist, Laurel Environmental Associates, Ltd., Huntington NY

July 2014- Present

- Environmental Transaction Screen Site Inspections
- Phase I Environmental Site Inspections
- Write Phase I and Transaction Screen Reports
- Conduct Historical Research for Phase I Environmental Site Inspections
- Asbestos Air Monitoring

FIELD SKILLS:

- Air quality sampling for Asbestos
- Experience calibrating and utilizing a rotometer
- Asbestos Air Monitoring Technician license current